



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	6693
Amendments Made .....	6694
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	6696

#### Applications Accepted

Name Index .....	6782
Numerical Index .....	6817
IPC Index .....	6820

Applications with amended filing dates Reg 3.5(A). .....	6689
--	------

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	6690
---	------

#### Applications Open to Public Inspection

Name Index .....	6698
Numerical Index .....	6712
IPC Index .....	6714

Assignments before Grant, Section 113 .....	6692
---	------

Assignments Registered .....	6826
------------------------------	------

#### Complete Applications Filed

Name Index .....	6632
Numerical Index .....	6642

Complete Specifications Treated as Provisional Specifications, Section 37 .....	6691
--	------

Corrigenda .....	6828
------------------	------

Extensions of Term of Standard Patents .....	6828
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>6692</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	6644
Numerical Index .....	6684
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	6716
Numerical Index .....	6733
IPC Index .....	6735
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	6739
Numerical Index .....	6773
IPC Index .....	6776
<b>Patents Granted .....</b>	<b>6826</b>
<b>Opposition Proceedings .....</b>	<b>6826</b>
<b>Provisional Applications Filed</b>	
Name Index .....	6627
Numerical Index .....	6631
<b>Specifications Republished .....</b>	<b>6829</b>

## *General Information*

*For Information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### **(i) FILING -**

This is the act of making an application. When the application is first filed certain details are published.

### **(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -**

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### **(iii) ACCEPTANCE –**

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### **(iv) OPPOSITION –**

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### **(v) GRANTING –**

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### **(vi) CERTIFICATION**

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

**NOTE:** Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.

A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

**NOTE:** When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

## Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

## Using the Indices

### 1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.



## 2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

## 3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## 'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

**(50) Technical Information**

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

**(70) Identification of parties concerned with the document**

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

- (86) PCT Application Number
- (87) PCT Publication Number

**NOTE**

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 3 Aug 2021 .

(71) 3rd Axis Pty Ltd (21) 2021902382 (22) 02.08.2021 (54) Plastic Recycling to Extruded Elements	(71) Bell, J. (21) 2021902412 (22) 04.08.2021 (54) Kayak Loading Mat	(71) Canning, J. (21) 2021902428 (22) 06.08.2021 (54) Antenna2
(71) AgileXperts (21) 2021902384 (22) 02.08.2021 (54) Payroll Standard	(71) Bird Healthcare Pty Ltd (21) 2021902425 (22) 05.08.2021 (54) A MEDICATION INHALATION DEVICE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902413 (22) 04.08.2021 (54) Chemical treatment for preparing metal particles and electrodes comprising the same
(71) Algesacooling Pty Ltd (21) 2021902436 (22) 06.08.2021 (54) ENERGY EFFICIENT THERMAL TRANSFER DEVICE	(71) BITSCore Pty Ltd (21) 2021902389 (22) 03.08.2021 (54) A System and Method for Implementing an Asset Tasking Market over a Computer Network	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902453 (22) 09.08.2021 (54) SCREENING OF CARBONACEOUS AQUEOUS SLURRY FUELS FOR DIESEL ENGINES
(71) Alphatex Industries Pty Ltd (21) 2021902344 (22) 29.07.2021 (54) A gearbox operated ratchet device with webbing and tension indicator for use as a temporary fall protection system	(71) BOOTH, M. (21) 2021902431 (22) 06.08.2021 (54) Manifold for Air-Powered Pelton Wheel or similar	(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2021902416 (22) 05.08.2021 (54) CONTAINER ROTATOR WITH IMPROVED SIDE WALL SUPPORT
(71) ANEW A Nurtured Elevated Wellbeing (21) 2021902364 (22) 30.07.2021 (54) Wellbeing model to nurture and elevate holistic wellbeing	(71) BOOTH, M. (21) 2021902432 (22) 06.08.2021 (54) Electricity Generator for "lazy" or "tag" axle	(71) CRIME SCAN PTY LTD (21) 2021902427 (22) 05.08.2021 (54) Mobile Telecommunications Platform
(71) Anthony Innovations Pty Ltd (21) 2021902434 (22) 06.08.2021 (54) A Sealing Assembly	(71) Breathesafe Pty Ltd (21) 2021902424 (22) 05.08.2021 (54) System and Method for Monitoring and Controlling Air Quality in an Enclosed Space	(71) Cumpson, P. (21) 2021902396 (22) 03.08.2021 (54) Apparatus and Method for Improved Spatially-Resolved Analysis of Specimens
(71) Anthony Innovations Pty Ltd (21) 2021902435 (22) 06.08.2021 (54) A roller assembly	(71) Breville Pty Limited (21) 2021902398 (22) 04.08.2021 (54) Beverage appliance	(71) Cylite Pty Ltd (21) 2021902411 (22) 04.08.2021 (54) Spectral Domain Optical Imaging with Wavelength Comb Illumination
(71) Axis Innovation Pty Ltd (21) 2021902401 (22) 04.08.2021 (54) A HEAT GENERATING COATING, A BUILDING ELEMENT AND A HEATING SYSTEM EMPLOYING THE SAME	(71) Buluro, O. (21) 2021902372 (22) 01.08.2021 (54) STRAP-ON, A SHOE AND FOOT SECURING PIECE	(71) Canning, J. (21) 2021902394 (22) 03.08.2021 (54) Optical antennas
		<b>Dabala, M. see DRYDEN HOLDINGS PTY LTD</b>

Provisional Applications Filed - Name Index cont'd

(21) 2021902390

(71) Digga Australia Pty. Ltd.  
(21) 2021902459 (22) 09.08.2021  
(54) Trencher with depth indicator

(71) Digga Pty Ltd  
(21) 2021902420 (22) 05.08.2021  
(54) Pumped hydro energy system

(71) DRYDEN HOLDINGS PTY LTD;  
Dabala, M.  
(21) 2021902390 (22) 03.08.2021  
(54) Stabilisation and lifting Member

(71) EIM Holdings Pty Limited ATF EIM  
Trust  
(21) 2021902374 (22) 02.08.2021  
(54) Electrode Deployment System

(71) Field Orthopaedics Pty Ltd  
(21) 2021902449 (22) 09.08.2021  
(54) ANCHOR ASSEMBLY

(71) FINRANK PTY LTD  
(21) 2021902403 (22) 04.08.2021  
(54) THE APPLICATION OF ARTIFICIAL  
INTELLIGENCE AND DATA MINING  
FOR ENHANCED MINERAL PRO-  
CESSING BASED ON THE PRACTIC-  
AL USE OF THE INDUSTRIAL INTER-  
NET OF THINGS (IIOT).

(71) Fitch IP Holding Pty Ltd  
(21) 2021902423 (22) 05.08.2021  
(54) A Device for Identifying Faults in Cool-  
ing Systems

(71) GarMed Pty Ltd  
(21) 2021902429 (22) 06.08.2021  
(54) APPARATUS FOR SANITISING ART-  
ICLES

(71) George Androutsos  
(21) 2021902371 (22) 01.08.2021  
(54) Smart controller for direct air displace-  
ment pumps for liquids

(71) GivePlease Pte Ltd  
(21) 2021902380 (22) 02.08.2021  
(54) Methods, Systems and Software Plat-  
form for facilitating charitable donation  
payments within one or more digital  
donation devices

Goldsworthy, S. see Goldsworthy, R.  
(21) 2021902370

(71) Goldsworthy, R.; Goldsworthy, S.  
(21) 2021902370 (22) 01.08.2021  
(54) Method for Extraction of Mycotoxins  
from a Sample

(71) Harrison, H.  
(21) 2021902419 (22) 05.08.2021  
(54) Carrier

(71) Holder, J.  
(21) 2021902410 (22) 04.08.2021  
(54) An Improved Dog Lead

(71) Incannex Healthcare Limited  
(21) 2021902426 (22) 05.08.2021  
(54) A method of treatment

(71) Infravision Holdings Pty Ltd  
(21) 2021902386 (22) 03.08.2021  
(54) Cable winch

(71) JAMES, J.; ZAGAR, D.  
(21) 2021902455 (22) 09.08.2021  
(54) A BERLEY DISPENSER

Jaric, K. see Jaric, M.  
(21) 2021902421

(71) Jaric, M.; Jaric, K.  
(21) 2021902421 (22) 05.08.2021  
(54) Microfibre Pillow Cover

(71) Kirk, D.  
(21) 2021902340 (22) 29.07.2021  
(54) Deformity Detection and Classification  
in an Aquaculture Environment

(71) larkin, b.  
(21) 2021902415 (22) 05.08.2021  
(54) FISHING LURE WITH CLIP-IN FLURO  
STICK THAT ILLUMINATES GLITTER  
IN POLYCARBONATE BODY

(71) Lovell, C.  
(21) 2021902452 (22) 09.08.2021  
(54) reusable Refillable Fluid Container

(71) Mackay Sim, R.  
(21) 2021902454 (22) 09.08.2021  
(54) Recess Former and Anchor Assembly

(71) Major Mining Industries Pty Ltd  
(21) 2021902409 (22) 04.08.2021  
(54) CERTIFICATION SYSTEM AND  
METHOD FOR ELECTRICAL AND  
MECHANICAL EQUIPMENT IN HAZ-  
ARDOUS AREAS

(71) MARINE ZOOMJET PROPULSION  
PTY LTD  
(21) 2021902392 (22) 03.08.2021  
(54) Propulsion system

(71) McGrath, L.  
(21) 2021902445 (22) 07.08.2021  
(54) Trueys Tailored Electricians Level

(71) McIntyre, S.  
(21) 2021902418 (22) 05.08.2021  
(54) Air suspension system suitable for fully-  
autonomous vehicles

(71) Mode Ideas Pty Ltd  
(21) 2021902327 (22) 29.07.2021  
(54) Parcel Box

(71) MoVistro Pty Ltd  
(21) 2021902430 (22) 06.08.2021  
(54) Flexible Drive Autonomous Window Ac-  
tuator

(71) NewSouth Innovations Pty Limited  
(21) 2021902376 (22) 02.08.2021  
(54) Noise cancelation in recording systems

(71) NewSouth Innovations Pty Limited  
(21) 2021902457 (22) 09.08.2021  
(54) Novel broad spectrum antiviral and anti-  
microbial peptide mimics

(71) NewSouth Innovations Pty Limited  
(21) 2021902460 (22) 09.08.2021  
(54) Ad-hoc wireless communication

(71) Newton, M.  
(21) 2021902395 (22) 03.08.2021  
(54) Improved Steam Generation System

(71) O'Bropo Pty Ltd ATF O'Bropo Unit Trust  
(21) 2021902379 (22) 02.08.2021  
(54) System and method for providing real-  
time valuation of a Product based upon  
Environmental conditions

(71) Palanisami, S.  
(21) 2021902387 (22) 03.08.2021  
(54) BACTERIA AND MICROALGAE  
SOURCED NITROGEN AND STIMU-  
LANTS FOR PLANT GROWTH

(71) Paul, K.; Romero, J.  
(21) 2021902393 (22) 03.08.2021  
(54) SYSTEM AND METHOD OF FACILIT-  
ATING LENDING AND/OR RENTING  
OF ITEMS

Provisional Applications Filed - Name Index cont'd

(71) Perdriau, S.  
(21) 2021902441 (22) 06.08.2021  
(54) Novel Method of Window or Screen Construction

(71) PGP Health Pty Ltd  
(21) 2021902422 (22) 05.08.2021  
(54) A garment for support of the gastrointestinal tract and posture

(71) PYC Therapeutics Limited  
(21) 2021902437 (22) 06.08.2021  
(54) Compositions and methods for treatment of an inherited retinal disease

(71) Queensland University of Technology  
(21) 2021902375 (22) 02.08.2021  
(54) Hotend for use with an additive manufacturing device

(71) Raftopoulos, O.  
(21) 2021902397 (22) 04.08.2021  
(54) A Personal Adornment

(71) REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD  
(21) 2021902388 (22) 03.08.2021  
(54) MEASUREMENT TOOL INSTALLATION APPARATUS AND METHOD

(71) ResMed Pty Ltd  
(21) 2021902448 (22) 09.08.2021  
(54) VENTS FOR PATIENT INTERFACES

(71) ResMed Pty Ltd  
(21) 2021902463 (22) 09.08.2021  
(54) Patient Interface with Adhesive Surface

(71) Rheem Australia Pty Limited  
(21) 2021902373 (22) 02.08.2021  
(54) SYSTEMS AND METHODS FOR CONNECTING ELECTRICAL APPLIANCES TO AN ELECTRICAL GRID

Romero, J. see Paul, K.  
(21) 2021902393

(71) Rumin8 Pty Ltd  
(21) 2021902391 (22) 03.08.2021  
(54) Stabilised Compositions

(71) Sayfa R&D Pty Ltd  
(21) 2021902342 (22) 29.07.2021  
(54) A Height Safety Trolley and Modular Rigid Rail System

(71) Scolaro, A.  
(21) 2021902442 (22) 07.08.2021  
(54) A Drive System for a Power Drive

(71) Scolaro, A.  
(21) 2021902443 (22) 07.08.2021  
(54) A Linear Drive System

(71) Scolaro, A.  
(21) 2021902446 (22) 08.08.2021  
(54) A Drive System For a Power Drives Type B

(71) Scolaro, A.  
(21) 2021902447 (22) 08.08.2021  
(54) A Drive System for a Power Drive Type C

(71) Scolaro, A.  
(21) 2021902462 (22) 09.08.2021  
(54) A Drive System for a Power Drive Type D

(71) Seidl, J.  
(21) 2021902368 (22) 01.08.2021  
(54) Mechanical game board to simulate orbital movements around an orbited body for turn based gameplay

(71) Shanti Therapeutics Pty Ltd  
(21) 2021902404 (22) 04.08.2021  
(54) A method of treatment

(71) SHELLMONT PTY. LTD.  
(21) 2021902414 (22) 04.08.2021  
(54) PLACEMENT GUIDE FOR PHYSICAL LAYOUT OF OBJECTS AND AUTOMATED SCORE TRACKING SYSTEM AND METHOD

(71) Signature Orthopaedics Europe Ltd  
(21) 2021902378 (22) 02.08.2021  
(54) Internal fixation apparatus for pelvic fracture repair

(71) Silicon Quantum Computing Pty Limited  
(21) 2021902381 (22) 02.08.2021  
(54) Advanced quantum processing systems and methods for performing quantum logic operations

(71) Smartipants Media  
(21) 2021902385 (22) 02.08.2021  
(54) Fit Finder

(71) Smartstream Pty Ltd  
(21) 2021902438 (22) 06.08.2021  
(54) A SCALPEL BLADE CONTAINER

(71) Southern Green Gas Limited  
(21) 2021902417 (22) 05.08.2021  
(54) A Distributed Algae Manufacturing Assembly

(71) Spain, K.  
(21) 2021902383 (22) 02.08.2021  
(54) ONLINE TRADING SYSTEM AND METHOD

(71) The Trustee for REDSKY FAMILY TRUST  
(21) 2021902399 (22) 04.08.2021  
(54) Go-tow, a bicycle cargo trailer that converts to a market trolley

(71) The University of Adelaide  
(21) 2021902402 (22) 04.08.2021  
(54) AGENT AND METHOD FOR TREATING A NEURODEGENERATIVE DISORDER

(71) The University of Melbourne  
(21) 2021902406 (22) 04.08.2021  
(54) Self-adjuvanting VLP and uses thereof

(71) The University of Melbourne  
(21) 2021902407 (22) 04.08.2021  
(54) Vaccine construct and uses thereof

(71) The University of Melbourne  
(21) 2021902408 (22) 04.08.2021  
(54) Self-cleaving polypeptides and uses thereof

(71) The University of Newcastle  
(21) 2021902400 (22) 04.08.2021  
(54) Carbon nitrides with highly crystalline framework

(71) The University of Western Australia  
(21) 2021902450 (22) 09.08.2021  
(54) Compositions and Methods for Wound Healing

(71) The Unreel Cable Company Pty Ltd  
(21) 2021902363 (22) 30.07.2021  
(54) Flexible Element Dispenser

(71) The Walter and Eliza Hall Institute of Medical Research  
(21) 2021902405 (22) 04.08.2021  
(54) Method of treatment

(71) WIREMAN PTY LIMITED  
(21) 2021902377 (22) 02.08.2021  
(54) A Ground Anchor Arrangement and Method

Provisional Applications Filed - Name Index cont'd

(71) Y4PS Biotechnology Pty Ltd  
(21) 2021902440 (22) 06.08.2021  
(54) Support

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ZAGAR, D. see JAMES, J.  
(21) 2021902455

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(71) • IntelliGas Technology Developments  
Pty Ltd  
(21) 2021902433 (22) 06.08.2021  
(54) AUTOMATED PIPELINE VENT AND  
DRAIN SYSTEM

Numerical Index

2021902327	Mode Ideas Pty Ltd	2021902430	MoVitro Pty Ltd
2021902340	Kirk, D.	2021902431	BOOTH, M.
2021902342	Sayfa R&D Pty Ltd	2021902432	BOOTH, M.
2021902344	Alphatex Industries Pty Ltd	2021902433	• IntelliGas Technology Developments Pty Ltd
2021902363	The Unreel Cable Company Pty Ltd	2021902434	Anthony Innovations Pty Ltd
2021902364	ANEW A Nurtured Elevated Wellbeing	2021902435	Anthony Innovations Pty Ltd
2021902368	Seidl, J.	2021902436	Algesacooling Pty Ltd
2021902370	Goldsworthy, R.; Goldsworthy, S.	2021902437	PYC Therapeutics Limited
2021902371	George Androutsos	2021902438	Smartstream Pty Ltd
2021902372	Buluro, O.	2021902440	Y4PS Biotechnology Pty Ltd
2021902373	Rheem Australia Pty Limited	2021902441	Perdriau, S.
2021902374	EIM Holdings Pty Limited ATF EIM Trust	2021902442	Scolaro, A.
2021902375	Queensland University of Technology	2021902443	Scolaro, A.
2021902376	NewSouth Innovations Pty Limited	2021902445	McGrath, L.
2021902377	WIREMAN PTY LIMITED	2021902446	Scolaro, A.
2021902378	Signature Orthopaedics Europe Ltd	2021902447	Scolaro, A.
2021902379	O'Bropo Pty Ltd ATF O'Bropo Unit Trust	2021902448	ResMed Pty Ltd
2021902380	GivePlease Pte Ltd	2021902449	Field Orthopaedics Pty Ltd
2021902381	Silicon Quantum Computing Pty Limited	2021902450	The University of Western Australia
2021902382	3rd Axis Pty Ltd	2021902452	Lovell, C.
2021902383	Spain, K.	2021902453	Commonwealth Scientific and Industrial Research Organisation
2021902384	AgileXperts	2021902454	Mackay Sim, R.
2021902385	Smartipants Media	2021902455	JAMES, J.; ZAGAR, D.
2021902386	Infravision Holdings Pty Ltd	2021902457	NewSouth Innovations Pty Limited
2021902387	Palanisami, S.	2021902459	Digga Australia Pty. Ltd.
2021902388	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD	2021902460	NewSouth Innovations Pty Limited
2021902389	BITSCore Pty Ltd	2021902462	Scolaro, A.
2021902390	DRYDEN HOLDINGS PTY LTD; Dabala, M.	2021902463	ResMed Pty Ltd
2021902391	Rumin8 Pty Ltd		
2021902392	MARINE ZOOMJET PROPULSION PTY LTD		
2021902393	Paul, K.; Romero, J.		
2021902394	Canning, J.		
2021902395	Newton, M.		
2021902396	Cumpson, P.		
2021902397	Raftopoulos, O.		
2021902398	Breville Pty Limited		
2021902399	The Trustee for REDSKY FAMILY TRUST		
2021902400	The University of Newcastle		
2021902401	Axis Innovation Pty Ltd		
2021902402	The University of Adelaide		
2021902403	FINRANK PTY LTD		
2021902404	Shanti Therapeutics Pty Ltd		
2021902405	The Walter and Eliza Hall Institute of Medical Research		
2021902406	The University of Melbourne		
2021902407	The University of Melbourne		
2021902408	The University of Melbourne		
2021902409	Major Mining Industries Pty Ltd		
2021902410	Holder, J.		
2021902411	Cylite Pty Ltd		
2021902412	Bell, J.		
2021902413	Commonwealth Scientific and Industrial Research Organisation		
2021902414	SHELLMONT PTY. LTD.		
2021902415	Iarkin, b.		
2021902416	CONTAINER ROTATION SYSTEMS PTY LTD		
2021902417	Southern Green Gas Limited		
2021902418	McIntyre, S.		
2021902419	Harrison, H.		
2021902420	Digga Pty Ltd		
2021902421	Jaric, M.; Jaric, K.		
2021902422	PGP Health Pty Ltd		
2021902423	Fitch IP Holding Pty Ltd		
2021902424	Breathesafe Pty Ltd		
2021902425	Bird Healthcare Pty Ltd		
2021902426	Incannex Healthcare Limited		
2021902427	CRIME SCAN PTY LTD		
2021902428	Canning, J.		
2021902429	GarMed Pty Ltd		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 3 Aug 2021 .

- . (\*) Title not in Roman characters
- . (\*\*) Title not given

<hr/> <p>(71) Abbott Laboratories (21) 2021209235 (22) 28.07.2021 (54) Devices and methods for sample analysis (62) 2016243034</p> <hr/> <p><b>Acceleron Pharma Inc. see Celgene Corporation</b> (21) 2021212084</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021209242 (22) 28.07.2021 (54) Systems and methods for implementing density variation (densvar) clustering algorithms (31) 16/945,170 (32) 31.07.20 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021212025 (22) 04.08.2021 (54) INTELLIGENT QUESTION ANSWERING ON TABULAR CONTENT (31) 16/989,495 (32) 10.08.20 (33) US</p> <hr/> <p>(71) AccessClosure, Inc. (21) 2021209347 (22) 30.07.2021 (54) Apparatus and methods for sealing a vascular puncture (62) 2019229423</p> <hr/> <p>(71) Acer Incorporated (21) 2021212030 (22) 04.08.2021 (54) User equipment for beam failure reporting and beam failure reporting method (31) 17/371,246 (32) 09.07.21 (33) US 63/061,199 05.08.20 US</p> <hr/> <p>(71) Acer Incorporated (21) 2021212031 (22) 04.08.2021 (54) User equipment for beam failure detection and beam failure detection method (31) 17/372,825 (32) 12.07.21 (33) US 63/061,197 05.08.20 US</p> <hr/> <p>(71) Adobe Inc. (21) 2021209240 (22) 28.07.2021 (54) SYSTEMS FOR SHADING VECTOR OBJECTS (31) 17/034,892 (32) 28.09.20 (33) US</p> <hr/> <p>(71) AFINITI, LTD. (21) 2021212029 (22) 04.08.2021</p>	<p>(54) TECHNIQUES FOR HYBRID BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM (62) 2019203812</p> <hr/> <p>(71) AFINITI, LTD. (21) 2021212035 (22) 04.08.2021 (54) TECHNIQUES FOR HYBRID BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM (62) 2019203809</p> <hr/> <p>(71) AFINITI, LTD. (21) 2021212067 (22) 05.08.2021 (54) TECHNIQUES FOR L3 PAIRING AND WORKFORCE MANAGEMENT IN A CONTACT CENTER SYSTEM (62) 2019203967</p> <hr/> <p>(71) Agenus Inc.; LUDWIG INSTITUTE FOR CANCER RESEARCH LTD; Memorial Sloan Kettering Cancer Center (21) 2021211991 (22) 03.08.2021 (54) ANTI-CTLA-4 ANTIBODIES AND METHODS OF USE THEREOF (62) 2019204586</p> <hr/> <p>(71) Alchin Long Group IP Pty Limited (21) 2021209316 (22) 30.07.2021 (54) A window chain winder</p> <hr/> <p>(71) Ali-Jak Holdings Pty Ltd (21) 2021212014 (22) 03.08.2021 (54) PROCESS AND APPARATUS FOR TREATING SLUDGE (62) 2019203944</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021212094 (22) 06.08.2021 (54) Apolipoprotein C3 (APOC3) iRNA compositions and methods of use thereof (62) 2015350120</p> <hr/> <p>(71) AMERICORP INVESTMENTS LLC (21) 2021212039 (22) 04.08.2021 (54) Blockchain-based commercial inventory systems and methods (62) 2020223734</p> <hr/> <p>(71) Ancestry.com DNA, LLC (21) 2021212102 (22) 06.08.2021</p>	<p>(54) Local genetic ethnicity determination system (62) 2016293485</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021209177 (22) 27.07.2021 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2019204560</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021212019 (22) 04.08.2021 (54) Reading system for game tokens (31) 2020-135193 (32) 07.08.20 (33) JP</p> <hr/> <p>(71) Apple Inc. (21) 2021209354 (22) 02.08.2021 (54) Fall detection - audio looping (62) 2019369240</p> <hr/> <p>(71) Apple Inc. (21) 2021212001 (22) 03.08.2021 (54) Devices, methods, and graphical user interfaces for navigating, displaying, and editing media items with multiple display modes (62) 2020201629</p> <hr/> <p>(71) Apple Inc. (21) 2021212005 (22) 03.08.2021 (54) Devices and methods for accessing prevalent device functions (62) 2020201019</p> <hr/> <p>(71) Aqdot Limited (21) 2021209299 (22) 29.07.2021 (54) Cucurbituril compositions and their use (62) 2017220048</p> <hr/> <p>(71) Arcadyan Technology Corporation (21) 2021211972 (22) 02.08.2021 (54) WIRELESS COMMUNICATION SYSTEM, GROUP MANAGEMENT METHOD AND CHANNEL SELECTION METHOD THEREOF (31) 109141602 (32) 26.11.20 (33) TW</p> <hr/> <p>(71) ArchForm Inc. (21) 2021209327 (22) 30.07.2021 (54) Fabrication of dental appliances (62) 2018338636</p>
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Complete Applications Filed - Name Index cont'd

- (71) Arc Medical Devices Inc.  
(21) 2021212096 (22) 06.08.2021  
(54) SYSTEMS AND METHODS FOR TANGENTIAL FLOW FILTRATION OF VISCOUS COMPOSITIONS  
(62) 2020230466
- 
- (71) Area-I Inc.  
(21) 2021212022 (22) 04.08.2021  
(54) Aerial vehicle with deployable components  
(62) 2016351357
- 
- (71) Aristocrat Technologies, Inc.  
(21) 2021209306 (22) 29.07.2021  
(54) MOBILE GAMING SYSTEM FOR REMOTE GAME PLAY  
(31) 63/112,400 (32) 11.11.20 (33) US  
63/058,128 29.07.20 US  
17/443,745 27.07.21 US
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2021209342 (22) 30.07.2021  
(54) GAMING SYSTEM AND GAMING SYSTEM PROCESSOR MODULE  
(31) 16/943,764 (32) 30.07.20 (33) US
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(21) 2021209350 (22) 30.07.2021  
(54) GAMING SYSTEM AND GAMING SYSTEM PROCESSOR MODULE  
(31) 16/943,772 (32) 30.07.20 (33) US
- 
- Ataoglu, M. see Jing, H.**  
(21) 2021209352
- 
- (71) Atrium Medical Corporation  
(21) 2021212053 (22) 05.08.2021  
(54) GRAFT WITH EXPANDABLE REGION AND METHODS OF MAKING AND USING THE SAME  
(62) 2019204766
- 
- (71) Auckland UniServices Limited  
(21) 2021212003 (22) 03.08.2021  
(54) INHIBITORS OF TRYPTOPHAN DI-OXYGENASES (IDO1 and TDO) AND THEIR USE IN THERAPY  
(62) 2016312848
- 
- (71) AURIGENE DISCOVERY TECHNOLOGIES LIMITED  
(21) 2021212016 (22) 04.08.2021  
(54) SUBSTITUTED HETEROCYCLYL DERIVATIVES AS CDK INHIBITORS  
(62) 2016272908
- 
- (71) AutoRun Technologies Pty Ltd  
(21) 2021209336 (22) 30.07.2021
- (54) Core tray  
(31) 2020902996 (32) 21.08.20 (33) AU
- 
- (71) Baker Hughes Oilfield Operations LLC  
(21) 2021209335 (22) 30.07.2021  
(54) SURGE CONTROL SYSTEM FOR MANAGED PRESSURE DRILLING OPERATIONS  
(31) 16/996,085 (32) 18.08.20 (33) US
- 
- (71) Baylis Medical Company Inc.  
(21) 2021212088 (22) 05.08.2021  
(54) Methods and Devices for Puncturing Tissue  
(62) 2019213413
- 
- (71) BCG Partners, Inc.; Lutnick, H.; Novello, J.; Sweeting, M.  
(21) 2021209271 (22) 29.07.2021  
(54) SYSTEMS AND METHODS FOR ESTABLISHING FIRST ON THE FOLLOW TRADING PRIORITY IN ELECTRONIC TRADING SYSTEMS  
(62) 2020200686
- 
- (71) Beckman Coulter, Inc.  
(21) 2021212098 (22) 06.08.2021  
(54) Photoactive macromolecules and uses thereof  
(62) 2017250778
- 
- (71) Becton, Dickinson and Company  
(21) 2021212091 (22) 06.08.2021  
(54) Drug delivery device  
(62) 2019264517
- 
- (71) Becton, Dickinson and Company  
(21) 2021212092 (22) 06.08.2021  
(54) Drug delivery device  
(62) 2019264517
- 
- (71) Beyond Meat, Inc.  
(21) 2021212057 (22) 05.08.2021  
(54) MEAT-LIKE FOOD PRODUCTS  
(62) 2016342157
- 
- (71) BFRE Pty Ltd  
(21) 2021211984 (22) 02.08.2021  
(54) LINTEL FOR WIDE OPENINGS  
(31) 2020902706 (32) 02.08.20 (33) AU
- 
- (71) Bianchi, Z.  
(21) 2021209351 (22) 31.07.2021  
(54) A RETRACTABLE STAIRCASE  
(62) 2016306708
- 
- (71) Biogen MA Inc.  
(21) 2021212059 (22) 05.08.2021  
(54) Methods for determining differences in alpha-4 integrin activity by correlating differences in sVCAM and/or sMAd-CAM levels  
(62) 2019204089
- 
- (71) Bioness Neuromodulation Ltd.  
(21) 2021211987 (22) 03.08.2021  
(54) IMPROVED FUNCTIONAL ELECTRICAL STIMULATION SYSTEMS  
(62) 2019200793
- 
- (71) Blackhawk Network, Inc.  
(21) 2021212099 (22) 06.08.2021  
(54) Efficient stored-value card transactions  
(62) 2019275656
- 
- (71) BOE Technology Group Co., Ltd.  
(21) 2021209328 (22) 30.07.2021  
(54) DISPLAY PANEL AND DISPLAY DEVICE  
(31) 202010902686.9 (32) 01.09.20 (33) CN
- 
- (71) Bristol-Myers Squibb Company  
(21) 2021209334 (22) 30.07.2021  
(54) Carbamoyloxymethyl triazole cyclohexyl acids as LPA antagonists  
(62) 2017281439
- 
- (71) Buffalo Filter LLC  
(21) 2021209258 (22) 28.07.2021  
(54) Sensor systems for use in connection with medical procedures  
(62) 2020202442
- 
- (71) Calbah Industries Pty Ltd  
(21) 2021209297 (22) 29.07.2021  
(54) A MODULAR STAIRCASE ASSEMBLY
- 
- (71) Canon Kabushiki Kaisha  
(21) 2021209325 (22) 30.07.2021  
(54) Developer supply system, developer supply container mounting method and developer supply unit  
(62) 2018335798
- 
- (71) Canon Kabushiki Kaisha  
(21) 2021209326 (22) 30.07.2021  
(54) Developer supply container and developer supplying system  
(62) 2018335182
- 
- (71) Canon Kabushiki Kaisha  
(21) 2021212027 (22) 04.08.2021  
(54) Developer supply container and developer supplying system  
(62) 2018335797
- 
- (71) Canon Kabushiki Kaisha  
(21) 2021212033 (22) 04.08.2021  
(54) Developer supply container and developer supplying system  
(62) 2018335180

Complete Applications Filed - Name Index cont'd

(71) Canon Kabushiki Kaisha (21) 2021212042 (22) 04.08.2021 (54) Developer supply container and developer supplying system (62) 2018335181	(54) POINT AND/OR MONEY BASED GAMING (62) 2019200864	(71) CSR Building Products Limited (21) 2021209319 (22) 30.07.2021 (54) Bolted Shear Plate Connector (31) 2020902680 (32) 30.07.20 (33) AU
(71) Cantor Index LLC (21) 2021212063 (22) 05.08.2021 (54) SYSTEM FOR BETTING ON A SUBSET OF PARTICIPANTS IN AN EVENT ACCORDING TO MULTIPLE GROUPS (62) 2019246884	<b>Chidiac, E. see Chidiac, Y.</b> (21) 2021209308	(71) Cummins Filtration IP, Inc. (21) 2021209344 (22) 30.07.2021 (54) Filtration monitoring systems (62) 2016379168
(71) Caterpillar Global Mining Equipment LLC (21) 2021212046 (22) 04.08.2021 (54) DRILL MAST LOCKING SYSTEM (31) 16/991008 (32) 11.08.20 (33) US	(71) Chidiac, Y.; Chidiac, E. (21) 2021209308 (22) 29.07.2021 (54) Concrete fastener and method of fastening same	(71) Curiouser Products Inc. (21) 2021212007 (22) 03.08.2021 (54) A REFLECTIVE VIDEO DISPLAY APPARATUS FOR INTERACTIVE TRAINING AND DEMONSTRATION AND METHODS OF USING SAME (62) 2019277220
(71) Celgene Corporation (21) 2021212062 (22) 05.08.2021 (54) Methods of treating hematological disorders, solid tumors, or infectious diseases using natural killer cells (62) 2015374062	(71) Children's Hospital Medical Center (21) 2021212060 (22) 05.08.2021 (54) Liver organoid compositions and methods of making and using same (62) 2017353982	(71) Daeyoung Chaevi Co., Ltd. (21) 2021209251 (22) 28.07.2021 (54) Electric vehicle charging system for user authentication, charging and payment (31) 10-2021-0037605 (32) 23.03.21 (33) KR 17/443,227 22.07.21 US
(71) Celgene Corporation; Acceleron Pharma Inc. (21) 2021212084 (22) 05.08.2021 (54) Activin-ActRII antagonists and uses for treating anemia (62) 2015358469	(71) Colgate-Palmolive Company (21) 2021212064 (22) 05.08.2021 (54) Bristle for an oral care implement (62) 2018331325	(71) Daeyoung Chaevi Co., Ltd. (21) 2021209254 (22) 28.07.2021 (54) Electric vehicle charging system (31) 10-2021-0071151 (32) 01.06.21 (33) KR 17/443,212 22.07.21 US
<b>Centre National de la Recherche Scientifique - CNRS - see Supersonic Imagine</b> (21) 2021209265	(71) Colgate-Palmolive Company (21) 2021212072 (22) 05.08.2021 (54) Oral care apparatus (62) 2018367446	(71) Daeyoung Chaevi Co., Ltd. (21) 2021209259 (22) 28.07.2021 (54) Electric vehicle charging system and method thereof providing additional services (31) 10-2021-0086083 (32) 30.06.21 (33) KR 17/443,182 21.07.21 US
<b>Centre National de la Recherche Scientifique - CNRS - see Supersonic Imagine</b> (21) 2021209266	(71) Convergene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services (21) 2021209257 (22) 28.07.2021 (54) Bicyclic BET bromodomain inhibitors and uses thereof (62) 2016361441	(71) Daios, A. (21) 2021212024 (22) 04.08.2021 (54) TYING SYSTEM EMPLOYING AN ACCESSORY BEARING A QUICK ATTACHMENT HOOK FOR TYING A PLASTIC FILM COVERING FOR LINER CULTIVATIONS (31) EP21151582 (32) 14.01.21 (33) EP
<b>Centre National de la Recherche Scientifique - CNRS - see Supersonic Imagine</b> (21) 2021209268	(71) Covidien LP (21) 2021212101 (22) 06.08.2021 (54) Manual end effector activation for robotic surgical systems (31) 16/988,122 (32) 07.08.20 (33) AU	(71) DAWN AEROSPACE LIMITED (21) 2021211979 (22) 02.08.2021 (54) ROCKET MOTOR AND COMPONENTS THEREOF (31) 63/061,959 (32) 06.08.20 (33) US
<b>Centre National de la Recherche Scientifique - CNRS - see Supersonic Imagine</b> (21) 2021209270	(71) CRISI Medical Systems, Inc. (21) 2021209331 (22) 30.07.2021 (54) Flow sensor system with absorber (62) 2020202269	<b>Department Of Biotechnology see Indian Oil Corporation Limited</b> (21) 2021212080
(71) Centripetal Networks, Inc. (21) 2021209277 (22) 29.07.2021 (54) Efficient packet capture for cyber threat analysis (62) 2016384755	(71) Crouch, B. (21) 2021212074 (22) 05.08.2021 (54) IMPROVED RADIATOR FILLER NECK (31) 2020904012 (32) 04.11.20 (33) AU	
(71) CFPH, LLC (21) 2021209321 (22) 30.07.2021	(71) CROWN EQUIPMENT CORPORATION (21) 2021211983 (22) 02.08.2021 (54) Warehouse mapping tools (62) 2018244578	

Complete Applications Filed - Name Index cont'd

(71) DEVELOPMENT CENTER FOR BIOTECHNOLOGY; NATIONAL HEALTH RESEARCH INSTITUTES  
 (21) 2021212041 (22) 04.08.2021  
 (54) HUMANIZED ALPHA-ENOLASE SPECIFIC ANTIBODIES AND METHODS OF USES IN CANCER THERAPY  
 (62) 2014415566

(71) Devico AS  
 (21) 2021212011 (22) 03.08.2021  
 (54) SURVEY SYSTEM FOR BLAST HOLE DRILLING RIGS  
 (31) 2021900636 (32) 05.03.21 (33) AU

(71) Dexcom, Inc.  
 (21) 2021209288 (22) 29.07.2021  
 (54) System and method for communication of analyte data  
 (62) 2020201726

(71) Dexcom, Inc.  
 (21) 2021211973 (22) 02.08.2021  
 (54) Diffusion resistance layer for analyte sensors  
 (62) 2019253773

(71) Douglas, C.  
 (21) 2021212040 (22) 04.08.2021  
 (54) Swab

Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris see Supersonic Imagine  
 (21) 2021209265

Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris see Supersonic Imagine  
 (21) 2021209266

Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris see Supersonic Imagine  
 (21) 2021209268

Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris see Supersonic Imagine  
 (21) 2021209270

(71) Electronics and Telecommunications Research Institute; University-Industry Cooperation Group of Kyung Hee University  
 (21) 2021212037 (22) 04.08.2021  
 (54) ENCODING METHOD AND DECODING METHOD, AND DEVICE USING SAME  
 (62) 2019205017

(71) ELOGAB, O.  
 (21) 2021212034 (22) 04.08.2021  
 (54) METHOD AND SYSTEM FOR REDUCING DRAG IN A VEHICLE  
 (62) 2020202262

(71) Empi, Inc.  
 (21) 2021212090 (22) 06.08.2021  
 (54) Systems and methods for wireless control of noninvasive electrotherapy  
 (62) 2018271408

EPTech Co., Ltd. see LG ELECTRONICS INC.  
 (21) 2021209313

(71) EWRG (SOUTH) PTY LTD  
 (21) 2021212004 (22) 03.08.2021  
 (54) ROOF EDGE FALL PROTECTION SYSTEM AND METHOD OF USE

(71) Fasteners for Retail, Inc.  
 (21) 2021209274 (22) 29.07.2021  
 (54) RETAIL MERCHANDISE TRAY WITH IMPROVED MOUNTING, SPACING, AND LOCATING  
 (31) 63/061,539 (32) 05.08.20 (33) US  
 17/381,339 21.07.21 US

(71) Fast IP, LLC  
 (21) 2021209273 (22) 29.07.2021  
 (54) RAPID-ENTRY FOOTWEAR HAVING A COMPRESSIBLE LATTICE STRUCTURE  
 (62) 2019420589

(71) Flo-Rite, Inc.  
 (21) 2021211998 (22) 03.08.2021  
 (54) Seed Firmer Life Extender Mounting Bracket and Fastener  
 (62) 2016379081

(71) FMC CORPORATION  
 (21) 2021212008 (22) 03.08.2021  
 (54) USE OF 3-ISOXAZOLIDINONES COMPOUNDS AS SELECTIVE HERBICIDES  
 (62) 2020204185

(71) Foster, D.  
 (21) 2021211994 (22) 03.08.2021  
 (54) Height Adjuster Assembly for a Row Unit of a Disc Planter  
 (31) 2020902855 (32) 12.08.20 (33) AU

(71) Fox Sports Productions, LLC  
 (21) 2021212032 (22) 04.08.2021  
 (54) System, method and interface for viewer interaction relative to a 3D representation of a vehicle  
 (62) 2019232909

(71) GARINO, J.  
 (21) 2021212075 (22) 05.08.2021  
 (54) MODULAR ARTIFICIAL KNEE SYSTEM  
 (31) 17/167194 (32) 04.02.21 (33) US

(71) Genesis Systems LLC  
 (21) 2021209303 (22) 29.07.2021  
 (54) Atmospheric Water Generation Systems and Methods  
 (62) 2017382848

(71) Gen-Probe Incorporated  
 (21) 2021211976 (22) 02.08.2021  
 (54) Method of measuring a time-varying signal emission  
 (62) 2019201976

(71) GE Video Compression, LLC  
 (21) 2021209284 (22) 29.07.2021  
 (54) Entropy coding of motion vector differences  
 (62) 2019203792

(71) Gibraltar Global, LLC  
 (21) 2021212002 (22) 03.08.2021  
 (54) SYSTEM, METHOD, AND APPARATUS FOR CABLE BARRIER  
 (31) 17/006,207 (32) 28.08.20 (33) US

(71) Ginkgo Bioworks, Inc.  
 (21) 2021211986 (22) 03.08.2021  
 (54) Selective advantage in fermentation  
 (62) 2015243881

(71) GI Scientific, LLC  
 (21) 2021212077 (22) 05.08.2021  
 (54) Conductive optical element  
 (62) 2020217307

(71) Globe (Jiangsu) Co., Ltd.  
 (21) 2021209348 (22) 30.07.2021  
 (54) MOWER SYSTEM, METHOD FOR SETTING ROTATING SPEED OF CUTTER AND MOWER SYSTEM MANAGEMENT METHOD  
 (31) 202010787761.1 (32) 07.08.20 (33) CN

(71) Gowey Research Group PLLC  
 (21) 2021209256 (22) 28.07.2021  
 (54) Herbal formulations of carnivorous plants and methods for treating inflammation  
 (62) 2017200088

(71) Group One Limited  
 (21) 2021209276 (22) 29.07.2021  
 (54) TENNIS LET DETECTION SYSTEM WITH SHOT CLOCK CONTROL  
 (31) 17/212,184 (32) 25.03.21 (33) US  
 (62) 2019226223

Complete Applications Filed - Name Index cont'd

- (71) Hammett, J.  
(21) 2021212097 (22) 06.08.2021  
(54) TIE-ROD GUIDE DEVICE AND FORM-  
WORK INSTALLATION SYSTEM AND  
METHOD UTILISING THE GUIDE  
DEVICE
- 
- (71) Hanrahan, M.  
(21) 2021212078 (22) 05.08.2021  
(54) Expanding Drawer
- 
- (71) Harrison, M.  
(21) 2021212013 (22) 03.08.2021  
(54) Desulfurisation
- 
- (71) Hawthorne Holdings Pty Ltd  
(21) 2021209241 (22) 28.07.2021  
(54) CLIP HOLDER  
(31) 2020902646 (32) 28.07.20 (33) AU
- 
- (71) Hi.Q, Inc.  
(21) 2021209244 (22) 28.07.2021  
(54) System And Method For Providing A  
Health Determination Service Based  
On User Knowledge And Activity  
(62) 2015346070
- 
- (71) Huawei Technologies Co., Ltd.; Uni-  
versity of Science and Technology of  
China  
(21) 2021212103 (22) 06.08.2021  
(54) Image prediction method and device  
(62) 2019229381
- 
- (71) HUBBELL INCORPORATED  
(21) 2021212082 (22) 05.08.2021  
(54) Prismatic LED assembly for luminaire  
(62) 2020273363
- 
- (71) Hunter Douglas Inc.  
(21) 2021212018 (22) 04.08.2021  
(54) Remote control device  
(62) 2016200861
- 
- (71) Illinois Tool Works Inc.  
(21) 2021209339 (22) 30.07.2021  
(54) Fastener driving tool  
(31) 20190451.3 (32) 11.08.20 (33) EP  
21175842.0 26.05.21 EP
- 
- (71) Illumina, Inc.  
(21) 2021212076 (22) 05.08.2021  
(54) Self-assembled patterning using pat-  
terned hydrophobic surfaces  
(62) 2017267653
- 
- (71) IMASCAP  
(21) 2021209349 (22) 30.07.2021
- 
- (71) Methods, systems and devices for pre-  
operatively planned shoulder surgery  
guides and implants  
(62) 2019236759
- 
- (71) Immune Macro-Biotic Technology UK  
Limited  
(21) 2021209255 (22) 28.07.2021  
(54) IMMUNITY GENERATION  
(62) 2015348150
- 
- (71) Impossible Foods Inc.  
(21) 2021212071 (22) 05.08.2021  
(54) Non-dairy cheese replica comprising a  
coacervate  
(62) 2019246895
- 
- (71) INCYTE HOLDINGS CORPORATION  
(21) 2021212085 (22) 05.08.2021  
(54) PIPERIDIN-4-YL AZETIDINE DERIV-  
ATIVES AS JAK1 INHIBITORS  
(62) 2019257385
- 
- (71) Indian Oil Corporation Limited; Depart-  
ment Of Biotechnology  
(21) 2021212080 (22) 05.08.2021  
(54) A Process For Xylitol Production From  
Xylose  
(31) IN202021033994 (32) 07.08.20 (33) IN
- 
- (71) Inscripta, Inc.  
(21) 2021212069 (22) 05.08.2021  
(54) Automated cell processing methods,  
modules, instruments, and systems  
(62) 2018291041
- 
- (71) Insitu, Inc. (a subsidiary of the Boeing  
Company)  
(21) 2021209315 (22) 30.07.2021  
(54) Modular unmanned aerial vehicles  
(31) 63/092,284 (32) 15.10.20 (33) US
- 
- (71) Intuit, Inc.  
(21) 2021209320 (22) 30.07.2021  
(54) System for pushing transactional data  
(62) 2018276027
- 
- (71) Itron, Inc  
(21) 2021209250 (22) 28.07.2021  
(54) Managing multi-mode communications  
between nodes in a network  
(31) 16/985,138 (32) 04.08.20 (33) US
- 
- (71) IVANTIS, INC.  
(21) 2021212104 (22) 06.08.2021  
(54) Ocular implant and delivery system  
(62) 2019223946
- 
- (71) J. Ray McDermott, S.A.  
(21) 2021209260 (22) 28.07.2021
- 
- (71) Offshore ship-to-ship lifting with target  
tracking assistance  
(62) 2018227805
- 
- (71) J2 GLOBAL IP LIMITED  
(21) 2021212070 (22) 05.08.2021  
(54) METHODS AND SYSTEMS FOR VIR-  
TUAL FILE STORAGE AND ENCRYP-  
TION  
(62) 2016210661
- 
- (71) Jing, H.; Ataoglu, M.  
(21) 2021209352 (22) 01.08.2021  
(54) IMPROVED MODULAR WALL SYS-  
TEM  
(62) 2016228946
- 
- (71) Johnson & Johnson Consumer Inc.  
(21) 2021212055 (22) 05.08.2021  
(54) Antimicrobial compositions containing  
polyquatarnium  
(62) 2017227778
- 
- (71) Johnson & Johnson Vision Care, Inc.  
(21) 2021209246 (22) 28.07.2021  
(54) Nucleated polypropylene resin for  
primary lens package  
(31) 16/944,204 (32) 31.07.20 (33) US
- 
- (71) Juul Labs, Inc.  
(21) 2021209322 (22) 30.07.2021  
(54) Vaporization device systems and meth-  
ods  
(62) 2019246867
- 
- (71) Keystone Tower Systems, Inc.  
(21) 2021212066 (22) 05.08.2021  
(54) Control System and Method for  
Tapered Structure Construction  
(62) 2019202930
- 
- (71) Khan, A.  
(21) 2021212051 (22) 05.08.2021  
(54) A NOVEL METHOD OF PRODUCING  
IMPROVED LIGHTWEIGHT CERAMIC  
SAND AND USES THEREOF
- 
- (71) Kineta Chronic Pain, LLC  
(21) 2021212006 (22) 03.08.2021  
(54) Modifications and uses of conotoxin  
peptides  
(62) 2015342767
- 
- (71) Kite Pharma, Inc.  
(21) 2021212061 (22) 05.08.2021  
(54) Humanized antigen-binding domains  
against CD19 and methods of use  
(62) 2018257894
- 
- (71) KLK Ceilings Pty Ltd  
(21) 2021212079 (22) 05.08.2021

Complete Applications Filed - Name Index cont'd

(54) Furring	(21) 2021209271	(54) Methods for treating cancer using pyrimidine and pyridine compounds with BTK inhibitory activity
(71) Lastavec, S.	(71) MAKO Surgical Corp.	(62) 2016349584
(21) 2021211997 (22) 03.08.2021	(21) 2021212045 (22) 04.08.2021	(71) MICRO-X Limited
(54) A self-supporting split skillion portal frame	(54) Robotic surgical system including a coupler for connecting a tool to a manipulator and methods of using the coupler	(21) 2021209318 (22) 30.07.2021
(31) 2020902832 (32) 11.08.20 (33) AU	(31) 63/061,266 (32) 05.08.20 (33) US	(54) DEVICE FOR PRODUCING HIGH RESOLUTION BACKSCATTER IMAGES
(71) LevelMaster Pty Ltd	(71) Massachusetts Institute of Technology	(31) 17/234,356 (32) 19.04.21 (33) US
(21) 2021209261 (22) 28.07.2021	(21) 2021212058 (22) 05.08.2021	(71) MiMedx Group, Inc.
(54) Stair Stringer	(54) DELIVERY OF MATERIALS TO ANUCLEATE CELLS	(21) 2021211985 (22) 02.08.2021
(31) 2020902645 (32) 28.07.20 (33) AU	(62) 2016289530	(54) Micronized Wharton's jelly
(71) Lewers Hothouse Pty Ltd	(71) MasterCard International Incorporated	(62) 2015264025
(21) 2021209345 (22) 30.07.2021	(21) 2021212100 (22) 06.08.2021	(71) MOHRFELD, J.
(54) Computer Implemented Surveying	(54) Method and system for enhanced validation of cryptograms in cloud-based systems	(21) 2021209243 (22) 28.07.2021
(31) 2020902694 (32) 31.07.20 (33) AU	(62) 2020201044	(54) Vent cap system
(71) LG Electronics Inc.	(71) MAX CO., LTD.	(31) 16/945,417 (32) 31.07.20 (33) US
(21) 2021209262 (22) 28.07.2021	(21) 2021209304 (22) 29.07.2021	(71) Multipouch Pty Ltd
(54) Robot cleaner	(54) Binding machine	(21) 2021209346 (22) 30.07.2021
(62) 2017266814	(31) 2020-131158 (32) 31.07.20 (33) JP	(54) Packaging for Mixture Components
(71) LG Electronics Inc.	(71) MAX CO., LTD.	(62) 2016281186
(21) 2021211990 (22) 03.08.2021	(21) 2021209333 (22) 30.07.2021	(71) MyPinPad Ltd; Licentia Group Ltd
(54) KNOB ASSEMBLY AND COOKING APPARATUS INCLUDING THE SAME	(54) BINDING MACHINE	(21) 2021209332 (22) 30.07.2021
(62) 2018222446	(31) 2020-131159 (32) 31.07.20 (33) JP	(54) Authentication methods and systems
(71) LG ELECTRONICS INC.; EPTech Co., Ltd.	2021-069933 16.04.21 JP	(62) 2016269268
(21) 2021209313 (22) 30.07.2021	<b>McAuliffe, M. see Smith &amp; Nephew Surgical Pty Ltd</b>	(71) Natera, Inc.
(54) MULTI-JOINT LINK HINGE AND REFRIGERATOR INCLUDING THE SAME	(21) 2021209286	(21) 2021209221 (22) 27.07.2021
(31) 10-2020-0095446 (32) 30.07.20 (33) KR	(71) Media Cart Holdings, Inc.	(54) Detecting mutations and ploidy in chromosomal segments
10-2020-0103132 18.08.20 KR	(21) 2021211970 (22) 02.08.2021	(62) 2015249846
<b>Licentia Group Ltd see MyPinPad Ltd</b>	(54) Media enabled shopping cart system and associated methods	<b>NATIONAL HEALTH RESEARCH INSTITUTES see DEVELOPMENT CENTER FOR BIOTECHNOLOGY</b>
(21) 2021209332	(62) 2019253787	(21) 2021212041
(71) Lift Plus Energy Solutions, Ltd.	<b>Memorial Sloan Kettering Cancer Center see Agenus Inc.</b>	(71) NAVICO HOLDING AS
(21) 2021212017 (22) 04.08.2021	(21) 2021211991	(21) 2021211981 (22) 02.08.2021
(54) HYBRID HYDRAULIC GAS PUMP SYSTEM	(71) Memorial Sloan-Kettering Cancer Center	(54) FOOT PEDAL FOR A TROLLING MOTOR ASSEMBLY
(31) 16/987,200 (32) 06.08.20 (33) US	(21) 2021209249 (22) 28.07.2021	(62) 2019275521
(71) Lockheed Martin Corporation	(54) Specification of functional cranial placode derivatives from human pluripotent stem cells	(71) Netflix, Inc.
(21) 2021211996 (22) 03.08.2021	(62) 2014352773	(21) 2021212054 (22) 05.08.2021
(54) A SYSTEM AND METHOD FOR DETERMINING THE REAL-TIME EFFECT OF ICE ACCUMULATION ON AIRCRAFT SURFACES ON ANGLE OF ATTACK DURING FLIGHT	(71) Merck Patent GmbH	(54) Techniques for improving the quality of subjective data
(31) 16/989,475 (32) 10.08.20 (33) US	(21) 2021211982 (22) 02.08.2021	(62) 2017355533
<b>LUDWIG INSTITUTE FOR CANCER RESEARCH LTD see Agenus Inc.</b>	(71) Neumedicines, Inc.	(71) Neumedicines, Inc.
(21) 2021211991	(21) 2021212068 (22) 05.08.2021	(21) 2021212068 (22) 05.08.2021
(71) Lutnick, H. see BCG Partners, Inc.	(54) Uses of IL-12 as an hematopoietic immunotherapy (HIT)	(54) Uses of IL-12 as an hematopoietic immunotherapy (HIT)
	(62) 2015338998	(62) 2015338998

Complete Applications Filed - Name Index cont'd

(71) Newsoara Biopharma Co., Ltd.  
 (21) 2021209282 (22) 29.07.2021  
 (54) Anti-Sars-Cov-2 Neutralizing Antibodies  
 (31) PCT/ (32) 04.09.20 (33) CN  
 CN2020/113404

(71) Newsoara Biopharma Co., Ltd.  
 (21) 2021209287 (22) 29.07.2021  
 (54) Expression Vector for Anti-Sars-Cov-2  
 Neutralizing Antibodies  
 (31) PCT/ (32) 19.01.21 (33) CN  
 CN2021/072629

(71) New York Stem Cell Foundation, Inc.  
 (21) 2021212081 (22) 05.08.2021  
 (54) Automated system for producing in-  
 duced pluripotent stem cells or differen-  
 tiated cells  
 (62) 2018286561

(71) Nicflex Manufacturing Pty Ltd  
 (21) 2021212043 (22) 04.08.2021  
 (54) A FIREPROOF DOOR JAMB, A DOOR  
 FRAME INCLUDING THE DOOR  
 JAMB, AND A METHOD OF FORMING  
 THE DOOR FRAME  
 (31) 2020902730 (32) 04.08.20 (33) AU  
 2020904111 10.11.20 AU

Noviello, J. see BCG Partners, Inc.  
 (21) 2021209271

(71) Novobiotic Pharmaceuticals, LLC  
 (21) 2021209264 (22) 29.07.2021  
 (54) Novel depsipeptide and uses thereof  
 (62) 2020201751

(71) Nunhems B.V.  
 (21) 2021209329 (22) 30.07.2021  
 (54) Lettuce Variety NUN 09172 LTL

(71) Nunhems B.V.  
 (21) 2021209330 (22) 30.07.2021  
 (54) Lettuce Variety NUN 09178 LTL

(71) NuVasive, Inc.  
 (21) 2021209290 (22) 29.07.2021  
 (54) SYSTEMS AND METHODS FOR FA-  
 CILITATING SPINE SURGERY  
 (62) 2017210124

(71) Octavius Partners Pty. Limited  
 (21) 2021212010 (22) 03.08.2021  
 (54) PROCESS OPTIMISATION SYSTEM  
 (31) 2020902719 (32) 03.08.20 (33) AU

(71) Oov IP Pty Ltd  
 (21) 2021209307 (22) 29.07.2021  
 (54) A Posture Device

(71) OPUS ONE SOLUTIONS ENERGY  
 CORP  
 (21) 2021209298 (22) 29.07.2021  
 (54) Systems and methods for integrated  
 microgrid management system in elec-  
 tric power systems  
 (62) 2019219842

(71) Patterson, R.  
 (21) 2021212036 (22) 04.08.2021  
 (54) APPARATUS AND METHOD FOR  
 PRODUCING NEGATIVE SEQUENCE  
 CURRENT  
 (31) 17/313,510 (32) 06.05.21 (33) US

(71) PerkinElmer Health Sciences, Inc.  
 (21) 2021209272 (22) 29.07.2021  
 (54) HOLLOW POLYMER FIBER OPTIC  
 SYSTEM FOR SINGLE ANALYTE AND  
 MULTIPLEXED ANALYTE DETECTION  
 (62) 2016361420

(71) Pitt, K.  
 (21) 2021209291 (22) 29.07.2021  
 (54) CONVERTER DOLLY HITCH IM-  
 PROVEMENTS

(71) Porter Excavations Pty Ltd  
 (21) 2021209343 (22) 30.07.2021  
 (54) AN AGGREGATE SPREADING SYS-  
 TEM

(71) Precision Planting LLC  
 (21) 2021212020 (22) 04.08.2021  
 (54) Agricultural trench depth sensing sys-  
 tems, methods, and apparatus  
 (62) 2020201505

(71) Prescience Innovations Inc.  
 (21) 2021212065 (22) 05.08.2021  
 (54) Class I histone deacetylase inhibitors

(71) Raven Industries, Inc.  
 (21) 2021209314 (22) 30.07.2021  
 (54) LOCALIZED PRODUCT INJECTION  
 SYSTEM AND METHODS FOR SAME  
 (62) 2018205225

(71) Reflex Instruments Asia Pacific Pty Ltd  
 (21) 2021209301 (22) 29.07.2021  
 (54) Downhole tool assembly for mounting  
 to a core barrel assembly

(71) RESEARCH AND DEVELOPMENT  
 CENTER "BIOLUMEN" LIMITED LIAB-  
 ILITY COMPANY  
 (21) 2021205128 (22) 17.07.2021

(54) LED WHITE LIGHT SOURCE WITH  
 A BIOLOGICALLY ADEQUATE EMIS-  
 SION SPECTRUM  
 (31) PCT/ (32) 18.01.19 (33) RU  
 RU2019/000028  
 2019101475 18.01.19 RU

(71) Rheem Australia Pty Limited  
 (21) 2021211971 (22) 02.08.2021  
 (54) SYSTEMS AND METHODS FOR CON-  
 NECTING ELECTRICAL APPLIANCES  
 TO AN ELECTRICAL GRID

(71) Ricegrowers Limited  
 (21) 2021212087 (22) 05.08.2021  
 (54) Apparatus and System for Assessing  
 Paddy Rice Grains  
 (31) 2020903107 (32) 31.08.20 (33) AU

(71) Rich Products Corporation  
 (21) 2021212083 (22) 05.08.2021  
 (54) Improved food topping  
 (62) 2015406654

(71) Sage Products, LLC  
 (21) 2021209239 (22) 28.07.2021  
 (54) Apparatus and system for boosting,  
 transferring, turning and positioning a  
 patient  
 (62) 2020200361

(71) Sanford-Burnham Medical Research In-  
 stitute  
 (21) 2021209278 (22) 29.07.2021  
 (54) Methods and compositions to modulate  
 hair growth  
 (62) 2015287978

(71) Savencia SA  
 (21) 2021209309 (22) 30.07.2021  
 (54) VEGAN FERMENTED SOFT CHEESE  
 (31) FR 2008199 (32) 31.07.20 (33) FR

(71) Savencia SA  
 (21) 2021209310 (22) 30.07.2021  
 (54) SLICEABLE SOLID  
 (31) FR2008200 (32) 31.07.20 (33) FR

(71) Savencia SA  
 (21) 2021209311 (22) 30.07.2021  
 (54) CREAM  
 (31) FR2008200 (32) 31.07.20 (33) FR

(71) Savencia SA  
 (21) 2021209317 (22) 30.07.2021  
 (54) CREAM CHEESE  
 (31) FR 2008200 (32) 31.07.20 (33) FR

(71) Schneider Electric (Australia) Pty Lim-  
 ited  
 (21) 2021211992 (22) 03.08.2021

Complete Applications Filed - Name Index cont'd

(54) PUSH-BUTTON SWITCH ASSEMBLY,  
AND OPERATIONAL PART  
(62) 2015275234

(71) Schock GmbH  
(21) 2021209285 (22) 29.07.2021  
(54) Thermosettable casting composition,  
molding produced from it, and method  
for producing the molding  
(31) 102020122216.5 (32) 25.08.20 (33) DE

(71) SCHWARTZROCK, S.  
(21) 2021209283 (22) 29.07.2021  
(54) CONTAINER TRAILER CRANE  
(31) 63/103,278 (32) 29.07.20 (33) US  
17/382,270 21.07.21 US

(71) SDA Engineering Pty Ltd  
(21) 2021209245 (22) 28.07.2021  
(54) A PYROLYSIS METHOD AND SYS-  
TEM  
(31) 2020904742 (32) 18.12.20 (33) AU

(71) ServiceNow, Inc.  
(21) 2021212009 (22) 03.08.2021  
(54) System and method for anonymized  
data repositories  
(62) 2019219705

(71) Shenzhen Profound-View Pharma Tech  
Co., Ltd.  
(21) 2021211975 (22) 02.08.2021  
(54) Substance containing gold cluster and  
preparation method and use thereof  
(62) 2017306328

(71) Smart Wires Inc.  
(21) 2021209338 (22) 30.07.2021  
(54) Scalable modular cooling unit having  
voltage isolation  
(31) 62/706,112 (32) 31.07.20 (33) US  
17/375,919 14.07.21 US

(71) Smith & Nephew, Inc.  
(21) 2021209252 (22) 28.07.2021  
(54) Providing implants for surgical proced-  
ures  
(62) 2015296014

(71) Smith & Nephew Surgical Pty Ltd;  
McAuliffe, M.  
(21) 2021209286 (22) 29.07.2021  
(54) Method of designing a surgical device  
(62) 2016267404

(71) Snap-on Incorporated  
(21) 2021212093 (22) 06.08.2021  
(54) Joint press adapter  
(31) 16/995,452 (32) 17.08.20 (33) US

(71) SORSE TECHNOLOGY CORPORA-  
TION  
(21) 2021209248 (22) 28.07.2021  
(54) PREPARING STABLE LIQUID EMUL-  
SION FORMS OF PLANT EXTRACT  
(62) 2018283411

(71) Steel-Line Garage Doors Australia Pty  
Ltd  
(21) 2021212023 (22) 04.08.2021  
(54) Roller shutter clip, roller shutter, and  
roller shutter assembly  
(31) 2020902789 (32) 07.08.20 (33) AU

(71) Stoddart Technology Pty Ltd  
(21) 2021209234 (22) 28.07.2021  
(54) Roof drainage system, method and ap-  
paratus  
(31) 2020903631 (32) 07.10.20 (33) AU

(71) Supersonic Imagine; Centre National  
de la Recherche Scientifique - CNRS  
-; Ecole Supérieure de Physique et de  
Chimie Industrielles de la Ville de Paris  
(21) 2021209265 (22) 29.07.2021  
(54) Method and system for ultrasonic char-  
acterization of a medium  
(31) 20 09311 (32) 15.09.20 (33) FR

(71) Supersonic Imagine; Centre National  
de la Recherche Scientifique - CNRS  
-; Ecole Supérieure de Physique et de  
Chimie Industrielles de la Ville de Paris  
(21) 2021209266 (22) 29.07.2021  
(54) Method and system for ultrasonic char-  
acterization of a medium  
(31) 20 09312 (32) 15.09.20 (33) FR

(71) Supersonic Imagine; Centre National  
de la Recherche Scientifique - CNRS  
-; Ecole Supérieure de Physique et de  
Chimie Industrielles de la Ville de Paris  
(21) 2021209268 (22) 29.07.2021  
(54) Method and system for ultrasonic char-  
acterization of a medium  
(31) 20 09313 (32) 15.09.20 (33) FR

(71) Supersonic Imagine; Centre National  
de la Recherche Scientifique - CNRS  
-; Ecole Supérieure de Physique et de  
Chimie Industrielles de la Ville de Paris  
(21) 2021209270 (22) 29.07.2021  
(54) Method and system for ultrasonic char-  
acterization of a medium  
(31) 20 09314 (32) 15.09.20 (33) FR

Sweeting, M. see BCG Partners, Inc.  
(21) 2021209271

(71) Syrinix Ltd  
(21) 2021212047 (22) 04.08.2021

(54) TRANSIENT PRESSURE EVENT DE-  
TECTION SYSTEM AND METHOD  
(31) 2012089.5 (32) 04.08.20 (33) GB

(71) Takeda Pharmaceutical Company Lim-  
ited  
(21) 2021209323 (22) 30.07.2021  
(54) SUBCUTANEOUS INFUSION DEVICE  
FOR INJECTING MEDICINAL SUB-  
STANCES  
(62) 2019250262

(71) Tan, J.  
(21) 2021209341 (22) 30.07.2021  
(54) Computer-Assisted System and Method  
for Recommending Physical Asset  
(31) PI2020005135 (32) 30.09.20 (33) MY

(71) TAYA CANVAS (Shanghai) Company  
Limited  
(21) 2021209305 (22) 29.07.2021  
(54) POLYPROPYLENE ENVIRONMENT-  
ALLY FRIENDLY ADVERTISING  
CLOTH  
(31) 109126968 (32) 07.08.20 (33) TW

(71) TELEFONAKTIEBOLAGET L M ERIC-  
SSON (PUBL)  
(21) 2021212049 (22) 04.08.2021  
(54) METHOD AND APPARATUS FOR CON-  
TROLLING AUDIO FRAME LOSS  
CONCEALMENT  
(62) 2020200577

(71) Te Pari Products Limited  
(21) 2021211995 (22) 03.08.2021  
(54) ANIMAL HANDLING DEVICE AND RE-  
LATED METHODS OF USE  
(31) 767834 (32) 09.09.20 (33) NZ

(71) Tersus Pharmaceuticals, LLC  
(21) 2021209281 (22) 29.07.2021  
(54) COMPOSITIONS AND METHODS  
COMPRISING C16:1n7-PALMIT-  
OLEATE  
(62) 2019264531

(71) The Board of Trustees of the Leland  
Stanford Junior University  
(21) 2021209263 (22) 29.07.2021  
(54) DEVICE AND METHOD TO TREAT VA-  
GINAL ATROPHY  
(62) 2019272024

(71) The Boeing Company  
(21) 2021209294 (22) 29.07.2021  
(54) Machine learning network for screening  
quantum devices  
(31) 63/080,560 (32) 18.09.20 (33) US

(71) The Climate Corporation  
(21) 2021209300 (22) 29.07.2021

Complete Applications Filed - Name Index cont'd

(54) Generating digital models of relative yield of a crop based on nitrate values in the soil	(71) TuSimple, Inc.	(54) CLOUD-BASED VIRTUAL WALLET NFC APPARATUSES, METHODS AND SYSTEMS
(62) 2016373963	(21) 2021212026 (22) 04.08.2021	(62) 2019268058
	(54) Launchpad for autonomous vehicles	
	(31) 16/993,420 (32) 14.08.20 (33) US	
	16/993,533 14.08.20 US	
	16/993,762 14.08.20 US	
(71) The Goodyear Tire & Rubber Company	(71) United Services Automobile Association (USAA)	(71) Vistagen Therapeutics, Inc.
(21) 2021212044 (22) 04.08.2021	(21) 2021209269 (22) 29.07.2021	(21) 2021209279 (22) 29.07.2021
(54) Tire high temperature forecasting system	(54) DIGITAL IDENTIFICATION SYSTEM	(54) Therapeutic uses of L-4-chlorokynurenine
(31) 16/996088 (32) 18.08.20 (33) US	(62) 2016242966	(62) 2016268153
(71) The Regents of the University of California	(71) UNIVERSITE DE LIEGE	(71) Visy R & D Pty Ltd
(21) 2021211989 (22) 03.08.2021	(21) 2021212050 (22) 04.08.2021	(21) 2021209340 (22) 30.07.2021
(54) Macropinocytosing human anti-CD46 antibodies and targeted cancer therapeutics	(54) A real time prediction device	(54) Insulated Packaging
(62) 2015315006	(62) 2016310035	
(71) The Research Foundation for the State University of New York	University-Industry Cooperation Group of Kyung Hee University see Electronics and Telecommunications Research Institute	(71) Warby Parker Inc.
(21) 2021212086 (22) 05.08.2021	(21) 2021212037	(21) 2021212095 (22) 06.08.2021
(54) Methods and materials for treating cancer		(54) Systems and methods for displaying objects on a screen at a desired visual angle
(62) 2016243512		(62) 2019203786
The United States of America, as represented by the Secretary, Department of Health and Human Services see Convergene LLC	University of Science and Technology of China see Huawei Technologies Co., Ltd.	(71) Welch Allyn, Inc.
(21) 2021209257	(21) 2021212103	(21) 2021212056 (22) 05.08.2021
		(54) Fundus imaging for microvascular assessment
		(31) 63/063619 (32) 10.08.20 (33) US
(71) The University of British Columbia	(71) Urigen N.A.	(71) Werner Co.
(21) 2021209253 (22) 28.07.2021	(21) 2021211977 (22) 02.08.2021	(21) 2021209236 (22) 28.07.2021
(54) Processes for treatment of wastewater	(54) Treatment of lower urinary tract epithelium with glucagon like peptide 2	(54) Climbing Product Having an Extendable Section Lock Assembly, and Methods for Using and Producing a Climbing Product
	(62) 2018223811	(31) 63/058,805 (32) 30.07.20 (33) US
		63/140,599 22.01.21 US
(71) Todoc Co., Ltd.	(71) Vela Operations Singapore Pte. Ltd.	(71) Werner Co.
(21) 2021211974 (22) 02.08.2021	(21) 2021211988 (22) 03.08.2021	(21) 2021209237 (22) 28.07.2021
(54) Electrode Array And Body-Implantable Device Including The Same	(54) Universal controls for sequencing assays	(54) Climbing Product Having an Extendable Section Lock Assembly, and Methods for Using and Producing a Climbing Product
(31) 10-2020-0104032 (32) 19.08.20 (33) KR	(62) 2015246050	(31) 63/058,805 (32) 30.07.20 (33) US
10-2021-0081373 23.06.21 KR		63/140,599 22.01.21 US
(71) Total Uniform Solutions Pty Ltd	(71) VERTEX PHARMACEUTICALS INCORPORATED	(71) White, R.
(21) 2021209302 (22) 29.07.2021	(21) 2021211993 (22) 03.08.2021	(21) 2021209293 (22) 29.07.2021
(54) FACE MASK	(54) MODULATOR OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT, AND PROCESS FOR MAKING THE MODULATOR	(54) Method of making a sugar powder
(31) 2020902501 (32) 20.07.20 (33) AU	(62) 2017371200	
(71) Transportation IP Holdings, LLC	(71) Vibrant Holdings, LLC	(71) Wilkins, D.
(21) 2021212048 (22) 04.08.2021	(21) 2021211980 (22) 02.08.2021	(21) 2021212012 (22) 03.08.2021
(54) System And Method For Engine Coalescer Exhaust Extraction	(54) Methods, tools, and tool assemblies for biomolecular analysis using microarrays	(54) Temporary Road Sign Mount
(31) 63/069,980 (32) 25.08.20 (33) US	(62) 2019284016	(31) 2021900024 (32) 07.01.21 (33) AU
(71) Transportation IP Holdings, LLC	(71) Visa International Service Association	(71) WIREMAN PTY LIMITED
(21) 2021212073 (22) 05.08.2021	(21) 2021209247 (22) 28.07.2021	(21) 2021209324 (22) 30.07.2021
(54) DATA EXTRACTION FOR MACHINE LEARNING SYSTEMS AND METHODS		(54) Agricultural Fencing Technique and Fence
(31) 63/062,438 (32) 06.08.20 (33) US		(31) 2020902709 (32) 03.08.20 (33) AU
17/394,022 04.08.21 US		



## Complete Applications Filed - Name Index cont'd

(71) Yanshan University  
(21) 2021211978 (22) 02.08.2021  
(54) ATMOSPHERIC CORROSION MONITORING DEVICE AND METHOD  
BASED ON OPTICAL FIBER SURFACE PLASMON RESONANCE  
(31) 202010761509.3 (32) 31.07.20 (33) CN

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(71) Zillow, Inc.  
(21) 2021211999 (22) 03.08.2021  
(54) Automated analysis of image contents  
to determine the acquisition location of  
the image  
(31) 17/013,323 (32) 04.09.20 (33) US

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(71) Zimmer, Inc.  
(21) 2021209337 (22) 30.07.2021  
(54) REVISION KNEE ARTHROPLASTY  
METHODS AND INSTRUMENTS  
(62) 2018347354

Numerical Index

<b>2021205128</b>	RESEARCH AND DEVELOPMENT CENTER "BIOLUMEN" LIMITED LIABILITY COMPANY	<b>2021209291</b>	Pitt, K.
<b>2021209177</b>	Angel Group Co., Ltd.	<b>2021209293</b>	White, R.
<b>2021209221</b>	Natera, Inc.	<b>2021209294</b>	The Boeing Company
<b>2021209234</b>	Stoddart Technology Pty Ltd	<b>2021209297</b>	Calbah Industries Pty Ltd
<b>2021209235</b>	Abbott Laboratories	<b>2021209298</b>	OPUS ONE SOLUTIONS ENERGY CORP
<b>2021209236</b>	Werner Co.	<b>2021209299</b>	Aqdot Limited
<b>2021209237</b>	Werner Co.	<b>2021209300</b>	The Climate Corporation
<b>2021209239</b>	Sage Products, LLC	<b>2021209301</b>	Reflex Instruments Asia Pacific Pty Ltd
<b>2021209240</b>	Adobe Inc.	<b>2021209302</b>	Total Uniform Solutions Pty Ltd
<b>2021209241</b>	Hawthorne Holdings Pty Ltd	<b>2021209303</b>	Genesis Systems LLC
<b>2021209242</b>	Accenture Global Solutions Limited	<b>2021209304</b>	MAX CO., LTD.
<b>2021209243</b>	MOHRFELD, J.	<b>2021209305</b>	TAYA CANVAS (Shanghai) Company Limited
<b>2021209244</b>	Hi.Q, Inc.	<b>2021209306</b>	Aristocrat Technologies, Inc.
<b>2021209245</b>	SDA Engineering Pty Ltd	<b>2021209307</b>	Oov IP Pty Ltd
<b>2021209246</b>	Johnson & Johnson Vision Care, Inc.	<b>2021209308</b>	Chidiac, Y.; Chidiac, E.
<b>2021209247</b>	Visa International Service Association	<b>2021209309</b>	Savencia SA
<b>2021209248</b>	SORSE TECHNOLOGY CORPORATION	<b>2021209310</b>	Savencia SA
<b>2021209249</b>	Memorial Sloan-Kettering Cancer Center	<b>2021209311</b>	Savencia SA
<b>2021209250</b>	Itron, Inc	<b>2021209313</b>	LG ELECTRONICS INC.; EPTech Co., Ltd.
<b>2021209251</b>	Daeyoung Chaevi Co., Ltd.	<b>2021209314</b>	Raven Industries, Inc.
<b>2021209252</b>	Smith & Nephew, Inc.	<b>2021209315</b>	Insitu, Inc. (a subsidiary of the Boeing Company)
<b>2021209253</b>	The University of British Columbia	<b>2021209316</b>	Alchin Long Group IP Pty Limited
<b>2021209254</b>	Daeyoung Chaevi Co., Ltd.	<b>2021209317</b>	Savencia SA
<b>2021209255</b>	Immune Macro-Biotic Technology UK Limited	<b>2021209318</b>	MICRO-X Limited
<b>2021209256</b>	Gowey Research Group PLLC	<b>2021209319</b>	CSR Building Products Limited
<b>2021209257</b>	Convergene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services	<b>2021209320</b>	Intuit, Inc.
<b>2021209258</b>	Buffalo Filter LLC	<b>2021209321</b>	CFPH, LLC
<b>2021209259</b>	Daeyoung Chaevi Co., Ltd.	<b>2021209322</b>	Juul Labs, Inc.
<b>2021209260</b>	J. Ray McDermott, S.A.	<b>2021209323</b>	Takeda Pharmaceutical Company Limited
<b>2021209261</b>	LevelMaster Pty Ltd	<b>2021209324</b>	WIREMAN PTY LIMITED
<b>2021209262</b>	LG Electronics Inc.	<b>2021209325</b>	Canon Kabushiki Kaisha
<b>2021209263</b>	The Board of Trustees of the Leland Stanford Junior University	<b>2021209326</b>	Canon Kabushiki Kaisha
<b>2021209264</b>	Novobiotic Pharmaceuticals, LLC	<b>2021209327</b>	ArchForm Inc.
<b>2021209265</b>	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	<b>2021209328</b>	BOE Technology Group Co., Ltd.
<b>2021209266</b>	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	<b>2021209329</b>	Nunhems B.V.
<b>2021209268</b>	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	<b>2021209330</b>	Nunhems B.V.
<b>2021209269</b>	United Services Automobile Association (USAA)	<b>2021209331</b>	CRISI Medical Systems, Inc.
<b>2021209270</b>	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	<b>2021209332</b>	MyPinPad Ltd; Licentia Group Ltd
<b>2021209271</b>	BCG Partners, Inc.; Lutnick, H.; Noviello, J.; Sweeting, M.	<b>2021209333</b>	MAX CO., LTD.
<b>2021209272</b>	PerkinElmer Health Sciences, Inc.	<b>2021209334</b>	Bristol-Myers Squibb Company
<b>2021209273</b>	Fast IP, LLC	<b>2021209335</b>	Baker Hughes Oilfield Operations LLC
<b>2021209274</b>	Fasteners for Retail, Inc.	<b>2021209336</b>	AutoRun Technologies Pty Ltd
<b>2021209276</b>	Group One Limited	<b>2021209337</b>	Zimmer, Inc.
<b>2021209277</b>	Centripetal Networks, Inc.	<b>2021209338</b>	Smart Wires Inc.
<b>2021209278</b>	Sanford-Burnham Medical Research Institute	<b>2021209339</b>	Illinois Tool Works Inc.
<b>2021209279</b>	Vistagen Therapeutics, Inc.	<b>2021209340</b>	Visy R & D Pty Ltd
<b>2021209281</b>	Tersus Pharmaceuticals, LLC	<b>2021209341</b>	Tan, J.
<b>2021209282</b>	Newsoara Biopharma Co., Ltd.	<b>2021209342</b>	Aristocrat Technologies Australia Pty Limited
<b>2021209283</b>	SCHWARTZROCK, S.	<b>2021209343</b>	Porter Excavations Pty Ltd
<b>2021209284</b>	GE Video Compression, LLC	<b>2021209344</b>	Cummins Filtration IP, Inc.
<b>2021209285</b>	Schock GmbH	<b>2021209345</b>	Lewers Hothouse Pty Ltd
<b>2021209286</b>	Smith & Nephew Surgical Pty Ltd; McAuliffe, M.	<b>2021209346</b>	Multipouch Pty Ltd
<b>2021209287</b>	Newsoara Biopharma Co., Ltd.	<b>2021209347</b>	AccessClosure, Inc.
<b>2021209288</b>	Dexcom, Inc.	<b>2021209348</b>	Globe (Jiangsu) Co., Ltd.
<b>2021209290</b>	NuVasive, Inc.	<b>2021209349</b>	IMASCAP
		<b>2021209350</b>	Aristocrat Technologies Australia Pty Limited
		<b>2021209351</b>	Bianchi, Z.
		<b>2021209352</b>	Jing, H.; Ataoglu, M.
		<b>2021209354</b>	Apple Inc.
		<b>2021211970</b>	Media Cart Holdings, Inc.
		<b>2021211971</b>	Rheem Australia Pty Limited
		<b>2021211972</b>	Arcadyan Technology Corporation
		<b>2021211973</b>	Dexcom, Inc.
		<b>2021211974</b>	Todoc Co., Ltd.
		<b>2021211975</b>	Shenzhen Profound-View Pharma Tech Co., Ltd.
		<b>2021211976</b>	Gen-Probe Incorporated
		<b>2021211977</b>	Urigen N.A.
		<b>2021211978</b>	Yanshan University

Complete Applications Filed - Numerical Index cont'd

2021211979	DAWN AEROSPACE LIMITED	2021212051	Khan, A.
2021211980	Vibrant Holdings, LLC	2021212053	Atrium Medical Corporation
2021211981	NAVICO HOLDING AS	2021212054	Netflix, Inc.
2021211982	Merck Patent GmbH	2021212055	Johnson & Johnson Consumer Inc.
2021211983	CROWN EQUIPMENT CORPORATION	2021212056	Welch Allyn, Inc.
2021211984	BFRE Pty Ltd	2021212057	Beyond Meat, Inc.
2021211985	MiMedx Group, Inc.	2021212058	Massachusetts Institute of Technology
2021211986	Ginkgo Bioworks, Inc.	2021212059	Biogen MA Inc.
2021211987	Bioness Neuromodulation Ltd.	2021212060	Children's Hospital Medical Center
2021211988	Vela Operations Singapore Pte. Ltd.	2021212061	Kite Pharma, Inc.
2021211989	The Regents of the University of California	2021212062	Celgene Corporation
2021211990	LG Electronics Inc.	2021212063	Cantor Index LLC
2021211991	Agenus Inc.; LUDWIG INSTITUTE FOR CANCER RE- SEARCH LTD; Memorial Sloan Kettering Cancer Center	2021212064	Colgate-Palmolive Company
2021211992	Schneider Electric (Australia) Pty Limited	2021212065	Prescience Innovations Inc.
2021211993	VERTEX PHARMACEUTICALS INCORPORATED	2021212066	Keystone Tower Systems, Inc.
2021211994	Foster, D.	2021212067	AFINITI, LTD.
2021211995	Te Pari Products Limited	2021212068	Neumedicines, Inc.
2021211996	Lockheed Martin Corporation	2021212069	Inscripta, Inc.
2021211997	Lastavec, S.	2021212070	J2 GLOBAL IP LIMITED
2021211998	Flo-Rite, Inc.	2021212071	Impossible Foods Inc.
2021211999	Zillow, Inc.	2021212072	Colgate-Palmolive Company
2021212001	Apple Inc.	2021212073	Transportation IP Holdings, LLC
2021212002	Gibraltar Global, LLC	2021212074	Crouch, B.
2021212003	Auckland UniServices Limited	2021212075	GARINO, J.
2021212004	EWRG (SOUTH) PTY LTD	2021212076	Illumina, Inc.
2021212005	Apple Inc.	2021212077	GI Scientific, LLC
2021212006	Kineta Chronic Pain, LLC	2021212078	Hanrahan, M.
2021212007	Curiouser Products Inc.	2021212079	KLK Ceilings Pty Ltd
2021212008	FMC CORPORATION	2021212080	Indian Oil Corporation Limited; Department Of Biotechnology
2021212009	ServiceNow, Inc.	2021212081	New York Stem Cell Foundation, Inc.
2021212010	Octavius Partners Pty. Limited	2021212082	HUBBELL INCORPORATED
2021212011	Devico AS	2021212083	Rich Products Corporation
2021212012	Wilkins, D.	2021212084	Celgene Corporation; Acceleron Pharma Inc.
2021212013	Harrison, M.	2021212085	INCYTE HOLDINGS CORPORATION
2021212014	Ali-Jak Holdings Pty Ltd	2021212086	The Research Foundation for the State University of New York
2021212016	AURIGENE DISCOVERY TECHNOLOGIES LIMITED	2021212087	Ricegrowers Limited
2021212017	Lift Plus Energy Solutions, Ltd.	2021212088	Baylis Medical Company Inc.
2021212018	Hunter Douglas Inc.	2021212090	Empi, Inc.
2021212019	Angel Group Co., Ltd.	2021212091	Becton, Dickinson and Company
2021212020	Precision Planting LLC	2021212092	Becton, Dickinson and Company
2021212022	Area-I Inc.	2021212093	Snap-on Incorporated
2021212023	Steel-Line Garage Doors Australia Pty Ltd	2021212094	Alnylam Pharmaceuticals, Inc.
2021212024	Daios, A.	2021212095	Warby Parker Inc.
2021212025	Accenture Global Solutions Limited	2021212096	Arc Medical Devices Inc.
2021212026	TuSimple, Inc.	2021212097	Hammett, J.
2021212027	Canon Kabushiki Kaisha	2021212098	Beckman Coulter, Inc.
2021212029	AFINITI, LTD.	2021212099	Blackhawk Network, Inc.
2021212030	Acer Incorporated	2021212100	MasterCard International Incorporated
2021212031	Acer Incorporated	2021212101	Covidien LP
2021212032	Fox Sports Productions, LLC	2021212102	Ancestry.com DNA, LLC
2021212033	Canon Kabushiki Kaisha	2021212103	Huawei Technologies Co., Ltd.; University of Science and Technology of China
2021212034	ELOGAB, O.	2021212104	IVANTIS, INC.
2021212035	AFINITI, LTD.		
2021212036	Patterson, R.		
2021212037	Electronics and Telecommunications Research Institute; University-Industry Cooperation Group of Kyung Hee University		
2021212039	AMERICORP INVESTMENTS LLC		
2021212040	Douglas, C.		
2021212041	DEVELOPMENT CENTER FOR BIOTECHNOLOGY; NATIONAL HEALTH RESEARCH INSTITUTES		
2021212042	Canon Kabushiki Kaisha		
2021212043	Nicflex Manufacturing Pty Ltd		
2021212044	The Goodyear Tire & Rubber Company		
2021212045	MAKO Surgical Corp.		
2021212046	Caterpillar Global Mining Equipment LLC		
2021212047	Syrinix Ltd		
2021212048	Transportation IP Holdings, LLC		
2021212049	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)		
2021212050	UNIVERSITE DE LIEGE		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 3 Aug 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) 920th Hospital of Joint Logistics Support Force  
(21) 2021104123 (22) 26.07.2021  
(54) INDIVIDUALIZED 3D PRINTED ACETABULAR WALL DEFECT REPAIRING AND RECONSTRUCTING SYSTEM

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(71) A, S.; Meshram, V.  
(21) 2021104123 (22) 14.07.2021  
(54) AN ASYNCHRONOUS LOGIC DESIGN TECHNIQUE FOR VLSI IMPLEMENTATION

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**A, J. see DANABALA, N.**  
(21) 2021104264

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**A, C. see Raj, S.**  
(21) 2021104585

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**A, R. see K, S.**  
(21) 2021104730

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**A, R. see Gupta, A.K.**  
(21) 2021104894

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**A.K, D.R. see Raaza, A.**  
(21) 2021104384

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**Abhishek. see Nigam, A.**  
(21) 2021104350

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(71) Acharya, B.; Patel, D.K.; Subudhi, S.; Dash, A.; Jamader, A.R.  
(21) 2021104312 (22) 19.07.2021  
(54) SMART COVID-19 TESTING BOOTH AUTOMATION SYSTEM

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**Acharya, B. see Dash, S.**  
(21) 2021104943

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(71) Adishkumar, S.; Devi, S.; Banu, J.R.  
(21) 2021104944 (22) 04.08.2021  
(54) A SYSTEM AND A METHOD FOR DEGRADATION OF A NATURAL RUBBER LATEX PROCESSING AND PRODUCTION WASTEWATER

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**Aftab, M. see TAHASIN, Z.**  
(21) 2021104539

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**AGASTY, S. see SARANGI, S.K.**  
(21) 2021104117

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**Agawane, G. see Deshpande, S.**  
(21) 2021104948

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**Aggarwal, M. see Shashvat, K.**  
(21) 2021104283

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**Aggarwal, S. see Suresh, B.**  
(21) 2021104770

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**Agrawal, M. see Singhal, R.**  
(21) 2021104261

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**Agrawal pushp, D. see Khare, A.**  
(21) 2021104517

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(71) Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs  
(21) 2021105052 (22) 06.08.2021  
(54) ADJUSTABLE MULTI-SOIL-LAYERING SYSTEM FOR TREATING SEWAGE IN STEADY STATE

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**AHAMAD, S. see REDDY, D.K.**  
(21) 2021104364

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**Ahmad, F.J. see Rastogi, S.**  
(21) 2021104945

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**AKASH, B. see SESHIAH, N.**  
(21) 2021104125

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**Akhtar, M.S. see Chandel, S.S.**  
(21) 2021104540

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**Alam, M.S. see Upreti, K.**  
(21) 2021104790

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(71) ALAM, T.; KHAN, S.A.; NAJAM, L.; AL-HARRASI, A.S.F.; AL-RAWAHI, A.B.K.  
(21) 2021104833 (22) 02.08.2021  
(54) SIMPLE AND RAPID COMMERCIAL METHOD FOR THE PRODUCTION OF ANTHOCYANIN PIGMENT FROM THE BLACK CARROT (DAUCUS CAROTA) JUICE BY RESIN COLUMN CHROMATOGRAPHY

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**Alhameed, M.H. see Upreti, K.**  
(21) 2021104790

---

**AL-HARRASI, A.S.F. see ALAM, T.**  
(21) 2021104833

---

**Ali, Z. see DANABALA, N.**  
(21) 2021104264

---

**ALI, M. see SESHIAH, N.**  
(21) 2021104125

---

**ALI, Z. see V, B.**  
(21) 2021104286

---

**Alqithami, S. see Jhaveri, R.**  
(21) 2021104683

---

**AL-RAWAHI, A.B.K. see ALAM, T.**  
(21) 2021104833

---

**Alsouli, D.K.S. see Raaza, A.**  
(21) 2021104384

---

**Aisulami, M. see Vyas, S.**  
(21) 2021104783

---

**AMBHAIKAR, A. see RASOOL, S.**  
(21) 2021104545

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**Amin, R. see Suresh, B.**  
(21) 2021104770

---

**Anand, V. see Raaza, A.**  
(21) 2021104384

---

**Anand, K. see Pattanayak, B.K.**  
(21) 2021104507

---

(71) and Science, H.I.T.; Rajeswar, S.; Ramalingam, D.P.; SudalaiMuthu, D.T.  
(21) 2021104586 (22) 27.07.2021  
(54) A METHOD FOR STOCK MARKET PREDICTION FOR INCORPORATING STOCK PRICES USING MACHINE LEARNING

---

Innovation Patent Applications Filed - Name Index cont'd

**Angayarkanni, A. see Suresh, B.**  
(21) 2021104770

**Angurala, M. see Shashvat, K.**  
(21) 2021104283

**ANIL, K. see SESHAIHAH, N.**  
(21) 2021104125

**Anilkumar, T. see Raj, R.**  
(21) 2021104930

**Anilkumar, T.V. see Raj, R.**  
(21) 2021104933

**Anilkumar, T.V. see Mony, M.P.**  
(21) 2021104953

**ANJALI. see Nigam, A.**  
(21) 2021104350

(71) Anoterotec Pty Ltd  
(21) 2021105023 (22) 05.08.2021  
(54) process of calcium cup innovation

(71) Anqing Normal University  
(21) 2021105158 (22) 09.08.2021  
(54) AN ADJUSTABLE CHEMISTRY CRYSTAL GRINDING DEVICE

(71) ANSARI, S.; CHANDEL, A.; TARIQ, M.  
(21) 2021104115 (22) 13.07.2021  
(54) A SYSTEM FOR FULLY DISTRIBUTED PEER-TO-PEER CONTROL OF PROSUMER-BASED ISLANDED AC MICROGRID

(71) Anshan Power Supply Company, State Grid Liaoning Power Co., Ltd.; North China Electric Power University; State Grid Corporation of China  
(21) 2021104984 (22) 05.08.2021  
(54) Step-by-step safety checking method and system for medium and long-term electric power transactions

**Ansu, A. see Chansoriya, M.**  
(21) 2021104731

**A R, A. see Hindustan Institute of Technology and Science**  
(21) 2021104637

**Aravindraj, E. see Nagarajan, G.**  
(21) 2021104784

**Arfi, S. see Maurya, R.**

(21) 2021104786

**Arjariya, T. see Dubey, R.**  
(21) 2021104849

**Arjun, G. see Thimmaraju, M.K.**  
(21) 2021104266

**Arjun, G. see Kumar, B.P.**  
(21) 2021104955

**Arockiam, A.J. see Janardhana, K.**  
(21) 2021104116

(71) ARORA, S.; SHARMA, S.; SULTANA, F.; BHATT, V.; ASLAM, R.; JOSHI, G.; DUTTA, D.  
(21) 2021104456 (22) 22.07.2021  
(54) POLYHERBAL AYURVEDIC FORMULATION AS A POTENTIAL ANTI-OXIDANT AGENT.

**ARORA, S. see Tiwari, S.**  
(21) 2021104509

(71) Arukala, S.R.; Pancharathi, R.K.; Pulukuri, A.R.  
(21) 2021104847 (22) 02.08.2021  
(54) A METHODOLOGICAL FRAMEWORK AND SYSTEM FOR ACHIEVING SUSTAINABLE BUILDING CONSTRUCTION

**Arvind Patil, A. see Maniraj, J.**  
(21) 2021104771

**Arya, N. see Borole, Y.D.**  
(21) 2021104901

**Ashique, S. see Mishra, N.**  
(21) 2021104532

**ASLAM, R. see ARORA, S.**  
(21) 2021104456

**ASOKAN, R. see Hindustan Institute of Technology and Science**  
(21) 2021104899

(71) Aticam Pty Ltd  
(21) 2021105131 (22) 09.08.2021  
(54) Lifting means

**Awasthi, H. see Wal, P.**  
(21) 2021104285

**Azam, M. see Pandit, K.**  
(21) 2021104722

**Aziz, A. see Maniraj, J.**  
(21) 2021104771

**B, S.K.G. see Janardhana, K.**  
(21) 2021104116

**B, S. see DANABALA, N.**  
(21) 2021104264

**B, S. see Mani, P.**  
(21) 2021104519

**B, I. see K, S.**  
(21) 2021104730

**Babu, G.S. see Thimmaraju, M.K.**  
(21) 2021104266

**Babu, G.S. see Kumar, B.P.**  
(21) 2021104955

**BABU, T.A. see RAJU, T.A.**  
(21) 2021104928

**Badal, S. see Panigrahi, R.**  
(21) 2021104684

**Badlani, M. see TAHASIN, Z.**  
(21) 2021104539

**Badoni, P. see Kumar Sharma, D.**  
(21) 2021104781

**Bagga, J. see Sharma, S.**  
(21) 2021104218

**Baghel, A. see Chhabra, G.**  
(21) 2021104281

**Bahadur Saini, D.K.J. see Pattanayak, B.K.**  
(21) 2021104507

(71) BAI, B.; HE, Q.; SU, Y.; CHEN, S.; FU, M.; SU, H.  
(21) 2021104235 (22) 16.07.2021  
(54) A stock price prediction method based on ensemble learning model

**Baig, M.M. see Pattanayak, B.K.**  
(21) 2021104507

Innovation Patent Applications Filed - Name Index cont'd

**Bajaj, R. see Chansoriya, M.**  
(21) 2021104731

**Balakrishnan, I.T. see Tirumishi Jada, D.**  
(21) 2021104402

**Balaprakash, V. see Maniraj, J.**  
(21) 2021104771

**Balkrishna Bite, B. see Devarajan, B.**  
(21) 2021104525

**Balusamy, B. see Sabharwal, M.**  
(21) 2021104788

(71) Bamane, R.R.; Kadam, S.B.; Sawant, P.H.; Tande, S.N.; Mohale, V.P.; Jagtap, S.D.; Naik, B.N.; Patil, A.P.  
(21) 2021104588 (22) 27.07.2021  
(54) A method to suppress Vibration in a Civil Engineering Structure using a 3-Dimensional Isolator.

**Banerjee, R. see Bisoyi, B.**  
(21) 2021104265

**Bansal, S.K. see Wal, A.**  
(21) 2021104311

**Bansal, S.K. see Wal, A.**  
(21) 2021104884

**Banu, J.R. see Adishkumar, S.**  
(21) 2021104944

(71) BAPIRAJU, K.; SUBRAHMANYAM, P.S.; NARAYANA, T.; KUMAR, G.; PRASANTH, M.; RONALD, B.; VINAY, D.; NAGARAJU, T.; KIRAN, K.; PRIZELIN, G.; TEJA, G.; PAVANI, Y.; VIGHNESH, D.; SATYANARAYANA, M.; KUMAR, P.  
(21) 2021104121 (22) 14.07.2021  
(54) AN ECO-FRIENDLY SMART VEHICLE SYSTEM DRIVEN BY HYBRID RE-NEWABLE ENERGY SYSTEMS

**Barman, R. see Bhowmik, D.**  
(21) 2021104583

(71) Battery Graphene Corp Pty Ltd  
(21) 2021104927 (22) 04.08.2021  
(54) A battery management system assembly

(71) Bayliss, S.; Humphries, A.; Redstone, C.  
(21) 2021105207 (22) 10.08.2021

(54) A fuel pre-allocation and dispensing system  
(31) 2021900430 (32) 19.02.21 (33) AU

(71) Beck, J.; Smith, M.  
(21) 2021105198 (22) 10.08.2021  
(54) A cutting tool holding arrangement for a coal shearer drum tool holder and method of utilisation thereof

**BEGUM, S.F. see REDDY, D.K.**  
(21) 2021104364

**Behera, A. see Behera, R.**  
(21) 2021104792

(71) Behera, R.; Behera, A.; Samal, B.; Muduli, K.  
(21) 2021104792 (22) 02.08.2021  
(54) An Aluminum Hybrid Metal Matrix Composite And Method Of Preparation Thereof

**BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING see SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA**  
(21) 2021105058

(71) BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA; North China Electric Power University; Hebei Medical University  
(21) 2021105059 (22) 06.08.2021  
(54) HORSERADISH PEROXIDASE BASED SULFIDE ION RAPID DETECTION METHOD

(71) Beijing Society of Surveying and Mapping  
(21) 2021105175 (22) 09.08.2021  
(54) Auxiliary planning auditing method for underground pipelines based on three-dimensional GIS technology

(71) Beijing University of Posts and Telecommunications  
(21) 2021104939 (22) 04.08.2021  
(54) METHOD AND DEVICE FOR ALLOCATING RESOURCES  
(31) 202110775432.X (32) 08.07.21 (33) CN

(71) Beijing University of Posts and Telecommunications  
(21) 2021104940 (22) 04.08.2021  
(54) METHOD AND DEVICE FOR TRANSMITTING A SIGNALING PACKET  
(31) 202110776620.4 (32) 09.07.21 (33) CN

**BeriVenkata, H. see DANABALA, N.**  
(21) 2021104264

(71) Bestee Material (Tsingtao) Co., Ltd.  
(21) 2021105065 (22) 06.08.2021  
(54) PLANT-BASED FUNCTIONAL POLY-ESTER FILAMENT AND PREPARATION THEREOF  
(62) 2020380644

**Bhadauria, A. see Kapoor, S.**  
(21) 2021104353

**Bhaladhare, P. see Gupta, S.**  
(21) 2021104112

**Bhamre, P.M. see Gupta, S.**  
(21) 2021104951

**Bharadwaj, V.P. see Kumar Sharma, D.**  
(21) 2021104781

**Bhardwaj, A. see Pattanayak, B.K.**  
(21) 2021104507

**Bhardwaj, N. see Khandige, P.S.**  
(21) 2021104698

**Bhatt, S. see Mishra, N.**  
(21) 2021104275

**BHATT, V. see ARORA, S.**  
(21) 2021104456

**BHATT, V. see Tiwari, S.**  
(21) 2021104509

**Bhattacharjee, D. see Hussain, S.A.**  
(21) 2021104639

(71) Bhattacharya, R.; Chhabra, G.; Dewangan, S.; Singh, T.; Sahu, M.; Tuli, P.; Koshta, V.  
(21) 2021104119 (22) 14.07.2021  
(54) An IOT Intelligent Smart System For LPG Gas Leakage Detection And Prediction.

**Bhattacharya, S. see Bisoyi, B.**  
(21) 2021104265

**Bhattacharya, A. see Chandel, S.S.**  
(21) 2021104540

**Bhattacharya, J. see Das, S.**

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104575

**Bhattacharya, S. see Borole, Y.D.**  
(21) 2021104901

**Bhattacharya, S. see Solanki, U.**  
(21) 2021104902

**Bhavani, K.D. see Solanki, U.**  
(21) 2021104902

**BHOLE, G. see Paul, I.**  
(21) 2021104768

**Bhosale, R. see Selvan, M.P.**  
(21) 2021104502

**Bhosale, R. see Ramaiah, N.S.**  
(21) 2021104883

**Bhowmick, M. see Mantry, S.**  
(21) 2021104363

**Bhowmick, P. see Mantry, S.**  
(21) 2021104363

**Bhowmick, M. see Mantry, S.**  
(21) 2021104379

**Bhowmick, P. see Mantry, S.**  
(21) 2021104379

**Bhowmick, M. see Verma, D.**  
(21) 2021104541

**Bhowmick, P. see KUSHWAHA, N.**  
(21) 2021104569

(71) Bhowmik, D.; Sarkar, A.; Barman, R.  
(21) 2021104583 (22) 27.07.2021  
(54) A Method for Using A Composite Geo-foam and A Sand-Crumb Rubber Mixture as An Infill Material to Act as A Wave Barrier

**Bhukya, S. see Swathi, M.**  
(21) 2021104763

**Bhunia, A. see Mantry, S.**  
(21) 2021104379

**Biju, R. see Manic, K.S.**  
(21) 2021104727

**Bindhani, B.R. see Dash, S.**  
(21) 2021104943

**Biomar Group A/S see DSM IP Assets B.V.**  
(21) 2021104909

(71) Bisoyi, B.; Raffik, R.; Saras; Patil, R.; Banerjee, R.; R, K.; Patel, R.K.; Sahu, S.; Bhattacharya, S.; Nath, S.; Gum-madi, A.K.; Kumbhkar, M.  
(21) 2021104265 (22) 17.07.2021  
(54) IOT BASED PRODUCTION OF ENVIRONMENT FRIENDLY BIO-FUEL FROM RENEWABLE RESOURCES

**Boddeda, B. see Kumar, B.P.**  
(21) 2021104955

(71) Bohai University  
(21) 2021105179 (22) 09.08.2021  
(54) A ternary composite electrode material for hybrid capacitor and its application

(71) Bolack, R.  
(21) 2021105113 (22) 09.08.2021  
(54) Modular Spine Orthotic System  
(31) 2020904647 (32) 14.12.20 (33) AU

(71) BORA - Vertriebs GmbH & Co KG  
(21) 2021105122 (22) 09.08.2021  
(54) Portable operating device for controlling a kitchen appliance from different operating positions and kitchen appliance system  
(31) 102021201800.9 (32) 25.02.21 (33) DE

(71) BORA - Vertriebs GmbH & Co KG  
(21) 2021105124 (22) 09.08.2021  
(54) Portable operating device for controlling a kitchen appliance from different operating positions and kitchen appliance system  
(31) 102021201801.7 (32) 25.02.21 (33) DE

(71) Borole, Y.D.; Shrivastava, A.; Singh, K.; Arya, N.; Sharma, A.; Singh, N.C.; Kumar, M.; Pandya, I.Y.; Chourasia, S.; Chourasia, B.; Raghuwanshi, N.; Bhattacharya, S.; Pallathadka, H.  
(21) 2021104901 (22) 04.08.2021  
(54) THE APPARATUS FOR ARTIFICIAL SKIN TACTILE SENSOR FOR PROSTHETIC AND ROBOTIC METHOD.

**Borole, Y.D. see Solanki, U.**  
(21) 2021104902

**Brahma, B. see Kaushal, C.**  
(21) 2021104769

(71) Bruckbauer, W.  
(21) 2021105061 (22) 06.08.2021  
(54) Extractor fan apparatus for extracting cooking vapours downwards  
(62) 2018278944

(71) Brunswick, C.  
(21) 2021105116 (22) 09.08.2021  
(54) Tool tray apparatus for elevated work platforms  
(31) 2020902833 (32) 11.08.20 (33) AU

**BUHARI, S. see SANOBER, S.**  
(21) 2021104641

**C, K. see Sujatha, K.**  
(21) 2021104536

(71) Canva Pty Ltd  
(21) 2021105134 (22) 09.08.2021  
(54) User interfaces for selecting media items  
(62) 2020289873

**Cavalluzzi, M.M. see Mazzocca, A.**  
(21) 2021104214

**Cengiz, K. see Kaushal, C.**  
(21) 2021104769

**CHAITANYA, C. see SESHIAH, N.**  
(21) 2021104125

(71) Chakkarwar, P.  
(21) 2021104580 (22) 26.07.2021  
(54) A PROCESS FOR PREPARING MON-TELUKAST SODIUM FOR TREATING COVID 19 PATIENTS

(71) Chakrabarti, T.  
(21) 2021104664 (22) 28.07.2021  
(54) 4'-O-Methyl-epiafzelechin -7-O-β-D-glucoside ,a new flavonoid glycoside isolated from S.indica inhibits DNA topoisomerase 1B from Leishmani- adonovani

(71) CHAKRABARTI, T.  
(21) 2021104721 (22) 29.07.2021  
(54) Isolation of two novel phytochemicals from Indian Medicinal Plants Putijia and Ashoka

(71) CHAKRABARTI, T.  
(21) 2021104778 (22) 31.07.2021  
(54) CHEMICAL TRANSFORMATION OF BETULIN, A PENTACYCLIC TRITERPENE AND STUDIES ON THE INHIBITORY ACTIVITY OF THE BETULIN

Innovation Patent Applications Filed - Name Index cont'd

ANALOGUES AGAINST LEISHMANIA  
DONOVANI DNA TOPOISOMERASES.

**Chakraborty, S. see Jha, S.K.**  
(21) 2021104419

**Chakravarti, A. see Raj, S.**  
(21) 2021104585

**Chandani, M. see CHANDNANI, N.**  
(21) 2021104217

**Chandel, S.S. see Prajapati, S.K.**  
(21) 2021104416

(71) Chandel, S.S.; Bhattacharya, A.; Tyagi, S.; Chouhan, S.; S M, S.; Akhtar, M.S.  
(21) 2021104540 (22) 25.07.2021  
(54) Sustained release liposomal delivery of Hydroxyurea in cancer treatment in vitro.

**CHANDEL, A. see ANSARI, S.**  
(21) 2021104115

(71) CHANDNANI, N.; Verma, K.; Mangal, A.; Jain, S.; Singh, G.; Verma, S.; Chandani, M.; Godhandaraman, P.; Poongothai, V.; Shrivastava, V.; Sahu, U.; Kar, R.  
(21) 2021104217 (22) 16.07.2021  
(54) A SYSTEM AND METHOD FOR OPTIMUM WAVELET BASIS FUNCTION SELECTION FOR ECG ARRHYTHMIA DENOISING USING ARTIFICIAL INTELLIGENCE

**Chandra, P.K. see Chhabra, G.**  
(21) 2021104281

**Chandraker, S.K. see Ghorai, T.K.**  
(21) 2021104511

**Chandre, A. see Mishra, A.**  
(21) 2021104954

**CHANDU, G. see SESHIAIAH, N.**  
(21) 2021104125

(71) Changzhi University  
(21) 2021105222 (22) 10.08.2021  
(54) Application of Sophora flavescens Rhizospere Ensifer adhaerens SIP20-2 in Promoting the Growth of Maize

**Chansoriya, M. see Khare, A.**  
(21) 2021104517

(71) Chansoriya, M.; MISHRA, P.; Bajaj, R.; Pandya, M.; Singh, K.; Choubey, G.; Ansu, A.  
(21) 2021104731 (22) 30.07.2021  
(54) Business Aligned Knowledge Management System from Unstructured data using Convolutional Neural Network

(71) Chatterjee, A.; Mukherjee, G.; Sinha, S.K.; Ghosh, S.; Dey, A.; Rai, V.; Gantait, K.  
(21) 2021104630 (22) 27.07.2021  
(54) A simple, rapid and low-cost biochemical method for thalassaemia carrier detection

**Chaturvedi, P. see Rajpoot, V.**  
(21) 2021104518

**Chaturvedi, B. see Gandhi, C.**  
(21) 2021104716

**Chaubey, M. see K, H.J.**  
(21) 2021104915

**Chaudhari, J. see Paul, I.**  
(21) 2021104768

**Chaudhary, M. see Shashvat, K.**  
(21) 2021104283

**Chaudhary, J. see Sarangi, S.K.**  
(21) 2021104362

**Chauhan, P. see Kumar Sharma, D.**  
(21) 2021104781

**Chauhan, D. see Solanki, U.**  
(21) 2021104902

(71) Chaurasia, M.A.; Verma, B.; Mishra, A.; Kumar, A.; Gupta, S.  
(21) 2021104282 (22) 18.07.2021  
(54) Deep Learning Based System For Detection of Covid-19 Disease of Patient At Infection Risk.

**Chaurasia, G.S. see Mani, P.**  
(21) 2021104519

**Chaurasia, V. see Gupta, T.K.**  
(21) 2021104976

**CHEELA, R.R. see REDDY, D.K.**  
(21) 2021104364

**CHEN, S. see BAI, B.**  
(21) 2021104235

**Chhabra, G. see Bhattacharya, R.**  
(21) 2021104119

(71) Chhabra, G.; Negi, S.K.; Baghel, A.; Singh, D.K.; Chandra, P.K.; Yerpude, P.; Soni, V.K.  
(21) 2021104281 (22) 18.07.2021  
(54) A smart wearable device for early detection and identification of COVID-19 cases.

**Chhawara, S.K. see Dubey, N.**  
(21) 2021104320

(71) China Academy of Transportation Sciences  
(21) 2021105200 (22) 10.08.2021  
(54) Traffic operation simulation control method based on internet of things

(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; JIANGHAN UNIVERSITY; LIAONING TECHNICAL UNIVERSITY  
(21) 2021104257 (22) 16.07.2021  
(54) A METHOD FOR LAYERE TREE PLANTING AND GREENING OF ROCKY LONG STEEP SLOPE STEPS BASE ON SINGLE-SECTION COLUMNAR CHARGE REAMING LOOSE BLASTING AND MUD UREA PLANT ASH THREE-PHASE GROUTING

(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY  
(21) 2021104258 (22) 16.07.2021  
(54) GREENING METHOD OF MULTI-DIP STEEP SLOPE IN COLD AREAS ACCORDING TO THE SLOPE

(71) China Railway 18th Bureau (Group) Co., Ltd.  
(21) 2021104357 (22) 20.07.2021  
(54) A CONSTRUCTUION METHOD FOR SAFE AND FAST EXCAVATION OF FREEZING SHAFT THROUGH THICK AND LARGE BLOATING LAYER

(71) China Railway 18th Bureau (Group) Co., Ltd.  
(21) 2021104358 (22) 20.07.2021  
(54) A METHOD FOR AUTOMATIC DRAINAGE OF TUNNEL WATER FROM INCLINED SHAFT



Innovation Patent Applications Filed - Name Index cont'd

- (71) China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology  
(21) 2021104396 (22) 21.07.2021  
(54) method for detoxification, dust reduction and smoke elimination after tunnel blasting by spraying pressurized alkaline water curtain with different diameter steel pipes
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University  
(21) 2021104399 (22) 21.07.2021  
(54) Automatic sprinkling and maintenance method of flat concrete roof in area with high temperature and low rainfall
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University  
(21) 2021104441 (22) 22.07.2021  
(54) METHOD OF USING ANTI-SLIDE PILES TO REINFORCE LARGE SLOPE AND THICK LAYER ROCK PILE AT TUNNEL MOUTH
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University  
(21) 2021104497 (22) 23.07.2021  
(54) vertical drilling method in narrow part of erected bridge
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Wuhan Branch of China Railway Bridge Survey and Design Institute Group Co., Ltd.  
(21) 2021104522 (22) 24.07.2021  
(54) A METHOD FOR EXCAVATING AND ENTERING A STEEP SLOPE MEGA THICK UNCONSOLIDATED TALUS TUNNEL BY ADOPTING FULL-RING BACK HAUNCH FILLET OF ARCH
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.  
(21) 2021104666 (22) 28.07.2021  
(54) Method for manufacturing and assembling excavation stage based on tunnel increase and decrease section
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University  
(21) 2021104667 (22) 28.07.2021  
(54) A Monitoring Method for Mountain Vibration and Displacement Caused by Small Blasting Excavation of Rock Pile Tunnels
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; China State Railway Group Co.,Ltd.  
(21) 2021104668 (22) 28.07.2021  
(54) Three-dimensional mud-pressure blasting method for strengthening straight-hole comprehensive spiral deep-hole cutting in hard rock double-row and same-depth wedge-shaped blind area in railway double-track tunnel
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University  
(21) 2021104669 (22) 28.07.2021  
(54) A method of 30m long anchor cable supporting universal beam box girder arch frame at the side of severe deformation under bias pressure and radial grouting behind the initial support of high-speed railway double-track tunnel
- 
- (71) China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology  
(21) 2021104749 (22) 30.07.2021  
(54) COMPREHENSIVE GUIDE AND DRAINAGE METHOD FOR PREVENTING WATER SEEPAGE IN DEEP BASEMENTS USING GEOTEXTILE BLIND DRAINS
- 
- CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD. see CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD**  
(21) 2021105107
- 
- CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD. see CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD**  
(21) 2021105108
- 
- CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD. see CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD**  
(21) 2021105109
- 
- CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD. see CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD**  
(21) 2021105110
- 
- CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD. see CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD**  
(21) 2021105110
- 
- (71) China Railway Liuyuan Group Co., Ltd; China Railway Tunnel Survey Design Institute co.,ltd  
(21) 2021104996 (22) 05.08.2021  
(54) A Rapid Construction Method For Huge-Span Cave Depot In An Underground Excavation Rock Stratum And Its Supporting Structure
- 
- (71) China Railway Liuyuan Group Co., Ltd.; China Railway Tunnel Survey Design Institute Co.,Ltd.  
(21) 2021105214 (22) 10.08.2021  
(54) An Immersed Tube Tunnel Pipe Joint Mechanical Performance Test Device
- 
- and a Simplified Calculation Method for Stiffness
- 
- (71) CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.  
(21) 2021105107 (22) 09.08.2021  
(54) Steel-Concrete Composite Bridge Deck Structure and Bridge  
(31) 20110187852.6 (32) 09.02.21 (33) CN
- 
- (71) CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.  
(21) 2021105108 (22) 09.08.2021  
(54) Method for Monitoring Verticality Status of Driving of Large-Diameter Steel Casing in Bridge Pile Foundation Construction  
(31) 202110059372.1 (32) 15.01.21 (33) CN
- 
- (71) CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.  
(21) 2021105109 (22) 09.08.2021  
(54) Method and System for Driving Safety Early Warning of Heavy-Duty Vehicle on Bridge Construction Load  
(31) 202110781598.2 (32) 08.07.21 (33) CN
- 
- (71) CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.  
(21) 2021105110 (22) 09.08.2021  
(54) Stay Cable Combined Vibration Damping Device and Method  
(31) 202011065966.5 (32) 30.09.20 (33) CN
- 
- China Railway Tunnel Survey Design Institute co.,ltd see China Railway Liuyuan Group Co., Ltd**  
(21) 2021104996
- 
- China Railway Tunnel Survey Design Institute Co.,Ltd. see China Railway Liuyuan Group Co., Ltd.**  
(21) 2021105214
- 
- China State Railway Group Co.,Ltd. see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104668
- 
- (71) China University of Geosciences, Beijing  
(21) 2021104957 (22) 05.08.2021  
(54) LARGE-FIELD-OF-VIEW HIGH-RESOLUTION TERAHERTZ WAVE DIGIT-

Innovation Patent Applications Filed - Name Index cont'd

AL HOLOGRAPHIC IMAGING METHOD AND SYSTEM	<b>Chourasia, S. see Borole, Y.D.</b> (21) 2021104901	
(71) Chinese Research Academy of Environmental Sciences (21) 2021105143 (22) 09.08.2021 (54) A METHOD AND A DEVICE FOR QUICKLY DETECTING THE INFLUENCE ON THE GROWTH OF DUCK-WEED (31) 202110853796.5 (32) 28.07.21 (33) CN	<b>Chourasia, B. see Borole, Y.D.</b> (21) 2021104901	(71) Dalian Minzu University (21) 2021105221 (22) 10.08.2021 (54) A Binary Coding Strategy and the Classifier Construction Method with the Function of Error Detection
(71) Chitrakala, G.; Mohan, V.; Stalin, N.; Jeevananthan, S. (21) 2021104665 (22) 28.07.2021 (54) A Bat Source String Succored Serrated H-Bridge Symmetrical MLI for Solar PV - Grid Integration	<b>CHOWDHURY, M.R. see SARANGI, S.K.</b> (21) 2021104117	<b>Dama, G.Y. see Mantry, S.</b> (21) 2021104363
(71) Chongqing Three Gorges University (21) 2021105211 (22) 10.08.2021 (54) METHOD FOR PREPARING A NEW GROUTING REINFORCEMENT CEMENT-BASED MATERIAL (31) 202011040629.0 (32) 28.09.20 (33) CN	(71) College of Technology and Engineering MPUAT, Udaipur; Gupta, T. (21) 2021104878 (22) 03.08.2021 (54) A Method and Mix Proportion of Eco-friendly Paver Block Containing Waste Brick Powder	<b>Damle, P. see Paul, I.</b> (21) 2021104768
(71) Chongqing University (21) 2021105130 (22) 09.08.2021 (54) METHOD FOR TREATING HARD ROOF THROUGH HYDRAULIC FRACTURING	(71) Cross, R. (21) 2021104952 (22) 04.08.2021 (54) WALL BLOCK FOR COMMERCIAL WALL STUD APPLICATIONS	(71) DANABALA, N.; N, V.; Paulian, K.; Kumar, A.; P, R.; P, P.; Senthilkumar, R.U.; Ali, Z.; J, J.; BeriVenkata, H.; B, S.; G, P.; A, J. (21) 2021104264 (22) 17.07.2021 (54) AN IOT BASED LITHIUM ION BATTERY MANAGEMENT FOR MICRO MOBILITY
<b>Chopra, J. see Sharma, S.</b> (21) 2021104218	(71) Cruel Sea Technologies Pty Ltd (21) 2021105165 (22) 09.08.2021 (54) Pressure adjustment for seeding assembly	<b>Dandapat, A. see Sahoo, N.G.</b> (21) 2021104582
<b>Chopra, M. see Ramaiah, N.S.</b> (21) 2021104883	(71) Cruel Sea Technologies Pty Ltd (21) 2021105166 (22) 09.08.2021 (54) Knife/blade holder for agricultural machine (31) 2021900590 (32) 03.03.21 (33) AU	<b>Das, S. see Mehbodniya, A.</b> (21) 2021104408
(71) Chopra, D. (21) 2021104889 (22) 03.08.2021 (54) Quality Improvement of English to Hindi Translation	<b>D., T.P. see S, S.</b> (21) 2021104546	<b>Das, S. see H, A.</b> (21) 2021104431
<b>Choubey, C. see Sharma, H.</b> (21) 2021104273	<b>Cyriac, R. see Pelusi, D.</b> (21) 2021104777	(71) Das, S.; Sahu, V.K.; Dhakar, R.C.; Kundu, S.; Bhattacharya, J.; Verma, N.K. (21) 2021104575 (22) 26.07.2021 (54) ISONIAZID LOADED NANOPARTICLES DRUG DELIVERY AGAINST TUBERCULOSIS
<b>Choubey, C. see Gupta, V.</b> (21) 2021104513	<b>D, A. see R, M.</b> (21) 2021104675	<b>Das, S. see Mazumder, A.</b> (21) 2021104761
<b>Choubey, G. see Chansoriya, M.</b> (21) 2021104731	<b>D., J. see V, B.</b> (21) 2021104286	<b>Das, M.K. see Mazumder, A.</b> (21) 2021104761
<b>Chougale, A. see Deshpande, S.</b> (21) 2021104948	<b>D., H. see V, B.</b> (21) 2021104286	<b>Das, S. see K, H.J.</b> (21) 2021104915
<b>Chouhan, S. see Chandel, S.S.</b> (21) 2021104540	<b>D. S., J. see V, B.</b> (21) 2021104286	<b>Dash, A. see Acharya, B.</b> (21) 2021104312
	(71) D'Amato, J.P.; Rubiales, A.; Stramana, F.; Dominguez, L.; Perez, A. (21) 2021104124 (22) 14.07.2021 (54) A SYSTEM AND METHOD FOR OBJECT EXTRACTION AND ENCODING FOR VIDEO MONITORING THROUGH LOW-BANDWIDTH NETWORKS	(71) Dash, S.; Mohanty, D.; Mohanty, P.; Sabata, S.; Reddy, M.S.R.; Mohanty, P.; Sabat, S.; Bindhani, B.R.; Roy, S.S.; Acharya, B.; Guru, R.; Rout, B.; Shrivastava, S. (21) 2021104943 (22) 04.08.2021

Innovation Patent Applications Filed - Name Index cont'd

(54) INTELLIGENT CIRCUIT ENABLE  
COVID-19 DETECTION FRAMEWORK  
USING IOT

(21) 2021104944

DASH, A.K. see SARANGI, S.K.  
(21) 2021104117

DEVIKA, M. see Naidu, C.  
(21) 2021104122

Dattana, V. see Pandit, K.  
(21) 2021104722

Dewangan, S. see Bhattacharya, R.  
(21) 2021104119

Dewangan, A.K. see Sharma, S.  
(21) 2021104218

Deepajothi, S. see Pandit, K.  
(21) 2021104722

Dey, S. see Jha, S.K.  
(21) 2021104419

DEEPTHA, R. see Hindustan Institute of  
Technology and Science  
(21) 2021104897

Dey, A. see Chatterjee, A.  
(21) 2021104630

Deshmukh, H. see Gupta, S.  
(21) 2021104112

Dhakar, R.C. see Das, S.  
(21) 2021104575

Deshmukh, D. see Dubey, N.  
(21) 2021104320

(71) Dhale, A.D.; Modak, J.P.  
(21) 2021104277 (22) 17.07.2021  
(54) AN OIL PRESS SYSTEM AND A  
METHOD FOR OIL EXTRACTION US-  
ING HUMAN POWERED FLYWHEEL  
MOTOR AS AN ENERGY SOURCE

Deshmukh, M. see Sarangi, S.K.  
(21) 2021104362

(71) Deshpande, S.; Kher, J.; Iyer, N.;  
Agawane, G.; Chougale, A.  
(21) 2021104948 (22) 04.08.2021  
(54) A NOVEL DOUBLE CATALYTIC PRO-  
CESS FOR PYROLYSIS OF WASTE  
PLASTICS

Dhanaraj, R.K. see Panigrahi, R.  
(21) 2021104684

Dhanaraj, R.K. see Sabharwal, M.  
(21) 2021104788

(71) Devarajan, B.; V, M.P.; N, S.; Gopal,  
M.K.; Roncevic, I.; Peri, R.; Balkrishna  
Bite, B.; Seetharaman, S.; R, M.; K, V.;  
SUTKAR, P.S.  
(21) 2021104525 (22) 24.07.2021  
(54) Wind turbine nacelle temperature con-  
trols using artificial intelligence al-  
gorithm

(71) Dhiman, G.; Telkar, B.; Shah, J.; Patro,  
R.; Patro, R.; L, C.; Dutta, P.; Kherwa,  
P.; R, S.; R, D.  
(21) 2021104321 (22) 20.07.2021  
(54) AN IOT BASED MEDICAL CLOUD  
DATA CLASSIFICATION SYSTEM FOR  
SMART HEALTHCARE

(71) Devi, A.; Selvan, N.B.; Srinivas, Y.;  
Ravithheja, A.; Sashidhar, C.; Jaisw-  
al, S.; Jaiswal, T.; Kiran, P.; Gupta, E.;  
Goyal, M.  
(21) 2021104274 (22) 17.07.2021  
(54) AN ARTIFICIAL INTELLIGENCE AND  
BLOCK CHAIN BASED SYSTEM FOR  
FARMERS EMPOWERMENT

Dhope, T. see Mishra, A.  
(21) 2021104954

Dhote, S. see Kediya, S.O.  
(21) 2021104512

Devi, P. see Nigam, A.  
(21) 2021104350

DHUPIA, B. see SANOBBER, S.  
(21) 2021104641

Diwania, S. see Gupta, V.  
(21) 2021104513

Devi, S. see Sachan, K.  
(21) 2021104775

Dixit, P. see Sarangi, S.K.  
(21) 2021104362

Devi, S. see Adishkumar, S.

Dixit, R. see Dixit, A.  
(21) 2021104521

(71) Dixit, A.; Wal, P.; Dixit, R.; Panse, V.R.;  
Lad, A.B.  
(21) 2021104521 (22) 24.07.2021  
(54) A Novel Vending Machine for Sanitary  
Napkin disposal.

Dominguez, L. see D'Amato, J.P.  
(21) 2021104124

(71) Donaghue, D.  
(21) 2021104975 (22) 05.08.2021  
(54) Streamlining insurance renewal through  
use of automated scanning technology  
to allow companies to quote/bid for cus-  
tomers at time of insurance renewal

(71) Dongguan University of Technology  
(21) 2021104935 (22) 04.08.2021  
(54) DEEP LEARNING-BASED THREE  
WAVELENGTH PHASE UNWRAPPING  
METHOD, SYSTEM, AND RELATED  
APPARATUS  
(31) 202110846128.X (32) 26.07.21 (33) CN

(71) Dongguan University of Technology  
(21) 2021104969 (22) 05.08.2021  
(54) GaN-based green laser and preparation  
method thereof  
(31) 202110241949.0 (32) 04.03.21 (33) CN

(71) Dongguan University of Technology  
(21) 2021104970 (22) 05.08.2021  
(54) Ultraviolet light-emitting diode and pre-  
paration method and application thereof  
(31) 202110144385.9 (32) 02.02.21 (33) CN

Dongre, S. see Gupta, S.  
(21) 2021104112

(71) Drill-Bourn Pty Ltd  
(21) 2021105223 (22) 10.08.2021  
(54) Machine Stand and Method of Support-  
ing a Machine using a Stand  
(62) 2019229452

(71) DSM IP Assets B.V.; Biomar Group A/S  
(21) 2021104909 (22) 04.08.2021  
(54) USE OF ALPHA LIPOIC ACID AS A  
FEED ADDITIVE FOR AQUATIC ANIM-  
ALS  
(62) 2019250440

Dubey, V. see Dubey, N.  
(21) 2021104260

Innovation Patent Applications Filed - Name Index cont'd

(71) Dubey, N.; Dubey, V.; Kaur Saluja, J.; Ramarao, T.; Murthy, K.; Pandey, M.K.  
(21) 2021104260 (22) 16.07.2021  
(54) 1T1R model for europium activated UV,  $\beta$  and  $\gamma$  irradiated yttrium oxide phosphor for environmental monitoring

Dubey, V. see Dubey, N.  
(21) 2021104320

(71) Dubey, N.; Tiwari, R.; Pandey, A.; Sharma, G.S.; Sahu, S.; Deshmukh, D.; Kaur Saluja, J.; Patel, L.; Sharma, R.; Chhawara, S.K.; Mishra, V.; Singh, S.; Mehta, M.; Kumar Nigam, M.; Patel, B.; Dubey, V.  
(21) 2021104320 (22) 20.07.2021  
(54) A NANO-PHOSPHOR CHEMICAL COMPOSITION AND A METHOD FOR THE NANO-PHOSPHOR SYNTHESIS

Dubey, D. see Khare, A.  
(21) 2021104517

(71) Dubey, R.; Sharma, P.; Arjariya, T.; Pandey, P.; Pillai, B.; Soni, R.  
(21) 2021104849 (22) 03.08.2021  
(54) A Computer implemented method and system for detecting human touch using body mounted camera to minimize covid spread using machine learning

Dubey, R. see Dubey, R.  
(21) 2021104850

(71) Dubey, R.; Dubey, R.; Gupta, B.; Mishra, S.; Gupta, S.; Singh, D.; Mishra, S.  
(21) 2021104850 (22) 03.08.2021  
(54) Internet of Things (IoT) based system and method for monitoring traffic and controlling traffic signals using machine learning

DULHARE, U.N. see RASOOL, S.  
(21) 2021104545

DULORI, S. see RASOOL, S.  
(21) 2021104545

(71) Dunlop, C.  
(21) 2021104963 (22) 05.08.2021  
(54) CONNECTOR PIECE FOR AN ANAESTHETIC BREATHING CIRCUIT

Durairaj, U. see Tirumishi Jada, D.  
(21) 2021104402

Dutta, P. see Dhiman, G.  
(21) 2021104321

DUTTA, D. see ARORA, S.  
(21) 2021104456

(71) D'Souza, A.; Kumar, A.; Singh, K.; Rawat, P.; Sachan, K.; Mishra, G.  
(21) 2021104613 (22) 27.07.2021  
(54) Synthesis of series of 3-benzylidene-2-(4-substituted-phenylsulphonyl)-7-substituted-isoindolin-1-one derivatives as a potential Antitubercular Agent.

D'Souza, A. see Srivastava, A.  
(21) 2021104914

E, D. see K, S.  
(21) 2021104730

(71) East China Normal University  
(21) 2021104978 (22) 05.08.2021  
(54) Method and system for intelligently selecting stack of storage yard at bulk cargo wharf  
(31) 202011063403.2 (32) 30.09.20 (33) CN

E D, V. see K, S.  
(21) 2021104730

(71) Environmental Horticulture Research Institute, Guangdong Academy of Agricultural Sciences  
(21) 2021104501 (22) 23.07.2021  
(54) A Mobile Underwater Algicide Intelligent Spraying Device  
(31) 202110242675.7 (32) 05.03.21 (33) CN

Environment Monitoring Center of Jiangsu Province see Zhao, Y.  
(21) 2021104937

(71) Environment Monitoring Center of Jiangsu Province; Zhao, Y.  
(21) 2021105019 (22) 05.08.2021  
(54) INTELLIGENT STORAGE CABINET FOR STANDARD SAMPLES, AND METHOD OF ACCESSING SAMPLES  
(31) 2021101460943 (32) 03.02.21 (33) CN

(71) ESKP3 PTY LTD  
(21) 2021105040 (22) 06.08.2021  
(54) Portable shelter for a vehicle  
(31) 2020904027 (32) 05.11.20 (33) AU

E U, I. see K, S.  
(21) 2021104730

Ezzeddine, J.W. see Raaza, A.  
(21) 2021104384

Farooqi, M.A. see Mishra, S.  
(21) 2021104776

Fateh, M.V. see Jha, S.K.  
(21) 2021104419

Fatma, B. see Kushwaha, S.K.S.  
(21) 2021104270

FATMA, N. see SINGH, P.  
(21) 2021104120

(71) Feng, D.  
(21) 2021104912 (22) 04.08.2021  
(54) Method for Recovering Gold from Auriferous Tailings

(71) Fortescue Metals Group Ltd  
(21) 2021105026 (22) 05.08.2021  
(54) Railway Booster Car  
(31) 2021902059 (32) 06.07.21 (33) AU

(71) Freedman Electronics Pty Limited  
(21) 2021105213 (22) 10.08.2021  
(54) A microphone  
(62) 2020101590

FU, M. see BAI, B.  
(21) 2021104235  
(71) Fuan Keming Agricultural Development Co., Ltd.  
(21) 2021104392 (22) 21.07.2021  
(54) FUJIAN CONGOU ECOTOURISM TEA PLANTATION FOR THE CONTROL OF SMALL GREEN LEAFHOPPER

(71) Fuan Keming Agricultural Development Co., Ltd.  
(21) 2021104392 (22) 21.07.2021  
(54) FUJIAN CONGOU ECOTOURISM TEA PLANTATION FOR THE CONTROL OF SMALL GREEN LEAFHOPPER

G, V. see Janardhana, K.  
(21) 2021104116

G, P. see DANABALA, N.  
(21) 2021104264

G, M. see Mehbodniya, A.  
(21) 2021104408

G, S. see Mani, P.  
(21) 2021104519

G., P. see Pattanayak, B.K.  
(21) 2021104507

G.Bhavani, N. see Sujatha, K.  
(21) 2021104536

Innovation Patent Applications Filed - Name Index cont'd

**Gambhir, M. see Gupta, S.**  
(21) 2021104951

**Ganapathi, P. see Maniraj, J.**  
(21) 2021104771

(71) Gandhi, C.; Mohan, J.; Chaturvedi, B.; Kumar, A.  
(21) 2021104716 (22) 29.07.2021  
(54) SMART INTEGRATING & SUP-PORTING SYSTEM FOR SATELLITE COMMUNICATION FROM MOBILE DEVICES TO PUBLIC LAND MOBILE NETWORKS USING IOT

**Gandhi, D. see Gupta, S.**  
(21) 2021104951

**Gangadhar Narnaje, A. see Kediya, S.O.**  
(21) 2021104512

(71) Gansu Agricultural University  
(21) 2021104918 (22) 04.08.2021  
(54) SCALPEL FOR INSECT ANATOMY

**Gantait, K. see Chatterjee, A.**  
(21) 2021104630

**Garg, A. see Mishra, N.**  
(21) 2021104275

**Garg, S. see Mishra, N.**  
(21) 2021104275

**Garg, V.K. see Wal, A.**  
(21) 2021104311

**Garg, A. see Mishra, N.**  
(21) 2021104532

**Garg, V.K. see Wal, A.**  
(21) 2021104884

(71) GARIMELLA, R.C.  
(21) 2021104789 (22) 01.08.2021  
(54) PARINATA VIDYUT SAMYUTANAM – An advanced electric extension box

**Gaur, G.S. see Kapoor, S.**  
(21) 2021104353

**Gautam, S. see Khandige, P.S.**  
(21) 2021104698

**Gautam, A. see Mazumder, A.**

(21) 2021104761

(71) Gholap, S.S.; Panda, P.; Soren, S.; Yañez, E.C.  
(21) 2021104635 (22) 27.07.2021  
(54) A PROCESS FOR SYNTHESIZING TETRAZOLO[1,5-a] QUINOLINE AND TETRAZOLO[1,5-a] QUINOLINE-4 CARBALDEHYDE DERIVATIVES

(71) Ghorai, T.K.; Ghosh, M.K.; Chandraker, S.K.; Shukla, R.; Mandal, V.  
(21) 2021104511 (22) 23.07.2021  
(54) A COMPOUND, Mn12 Benzoate AND A METHOD TO SYNTHESIZE THE COMPOUND

**Ghosh, M.K. see Ghorai, T.K.**  
(21) 2021104511

**Ghosh, S. see Chatterjee, A.**  
(21) 2021104630

(71) Gill, J.S.; Singh Gill, H.; Khehra, B.S.  
(21) 2021104950 (22) 04.08.2021  
(54) A METHOD FOR TASK SCHEDULING ON MULTIPROCESSOR PARALLEL SYSTEM USING GENETIC APPROACH

**Giripunje, L. see Gupta, S.**  
(21) 2021104112

(71) GivePlease Pte Ltd  
(21) 2021104965 (22) 05.08.2021  
(54) Methods, Systems and Software Platform for facilitating charitable donation payments within one or more digital donation devices  
(31) 2021902380 (32) 02.08.21 (33) AU

(71) GMP Pharmaceuticals Pty Ltd  
(21) 2021105114 (22) 09.08.2021  
(54) Freeze-dry orally disintegrating supplement tablet production processes  
(31) 2020903726 (32) 14.10.20 (33) AU

**Gnocchi, D. see Mazzocca, A.**  
(21) 2021104214

**Godhandaraman, P. see CHANDNANI, N.**  
(21) 2021104217

**Gokila, S. see Hindustan Institute of Technology and Science**  
(21) 2021104534

**Gopal, M.K. see Devarajan, B.**  
(21) 2021104525

**Gopikrishna, T. see Mishra, S.**  
(21) 2021104634

**Gowri, S. see H, A.**  
(21) 2021104431

**Goyal, M. see Devi, A.**  
(21) 2021104274

**Goyal, N. see Shashvat, K.**  
(21) 2021104283

**Goyal, P.K. see Wal, P.**  
(21) 2021104285

**Goyal, S.B. see Tirumishi Jada, D.**  
(21) 2021104402

(71) GRAPHIC ERA (DEEMED TO BE UNIVERSITY)  
(21) 2021105140 (22) 09.08.2021  
(54) PORTABLE MAIZE ROASTING DEVICE  
(31) 202111003299 (32) 25.01.21 (33) IN

(71) GRAPHIC ERA (DEEMED TO BE UNIVERSITY)  
(21) 2021105141 (22) 09.08.2021  
(54) VIRTUAL CLASS CHAMBER  
(31) 202011053163 (32) 07.12.20 (33) IN

**Guangdong Baiwei Biological Technology Co., Ltd. see South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences**  
(21) 2021104991

**Guangdong Shun Xin Ocean Fishery Group Co., Ltd. see South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences**  
(21) 2021104991

**Guangdong Shun Xin Sea Fishery Group Co., Ltd. see South China Sea Fisheries Research Institute Chinese Academy of Fishery Sciences**  
(21) 2021105121

(71) Guangdong University of Technology  
(21) 2021105054 (22) 06.08.2021  
(54) Wear-resistant and Corrosion-resistant Nano-multilayer Protective Coatings on Titanium Alloy and Preparation Method Thereof

Innovation Patent Applications Filed - Name Index cont'd

- (71) Guangdong Yi'erle Technology Industrial Co., Ltd.  
(21) 2021105105 (22) 09.08.2021  
(54) DRUG FOR TREATING ESOPHAGEAL SQUAMOUS CELL CARCINOMA, AND PREPARATION METHOD AND USE THEREOF
- 
- (71) Guangxi University  
(21) 2021105217 (22) 10.08.2021  
(54) A Multi-section Corrosion-resistant Organic Solvent for Restoring Anti-skid Performance of Asphalt Pavement and Its Use Method
- 
- (71) Guangzhou City Polytechnic  
(21) 2021104751 (22) 30.07.2021  
(54) Fish Protein Yogurt for Enhancing Immunity and Preparation Method Thereof  
(31) 202011499096.2 (32) 17.12.20 (33) CN
- 
- (71) Guangzhou Herui Business Consulting Service Co., Ltd.  
(21) 2021105111 (22) 09.08.2021  
(54) DRUG FOR TREATING CANCER PAIN, PREPARATION METHOD AND USE THEREOF
- 
- (71) Guangzhou Herui Business Consulting Service Co., Ltd.  
(21) 2021105119 (22) 09.08.2021  
(54) DRUG FOR TREATING OVARIAN CANCER, AND PREPARATION METHOD AND USE THEREOF
- 
- Gudi, S.Z. see Thakkar, K.**  
(21) 2021104581
- 
- (71) Guizhou Normal University  
(21) 2021105220 (22) 10.08.2021  
(54) SEX PHEROMONE SYNERGIST FOR ADULTS OF SMALL INSECTS BELONGING TO FAMILY NOCTUIDAE  
(31) 202011288793.3 (32) 17.11.20 (33) CN
- 
- Guleria, K. see Shashvat, K.**  
(21) 2021104283
- 
- Gummadi, A.K. see Bisoyi, B.**  
(21) 2021104265
- 
- (71) Gupta, S.; Sakhapara, A.; Pawade, D.; Dongre, S.; Sharma, D.; Saraf, P.; Maidamwar, P.; Giripunje, L.; Bhaladhare, P.; Khobragade, P.; Deshmukh, H.; Lokulwar, P.; Verma, B.  
(21) 2021104112 (22) 13.07.2021  
(54) Smart Wheelchair Controlled by Smart phone
- 
- Gupta, V. see Sharma, H.**
- 
- (21) 2021104273
- 
- Gupta, N.K. see Sharma, H.**  
(21) 2021104273
- 
- Gupta, E. see Devi, A.**  
(21) 2021104274
- 
- Gupta, S. see Chaurasia, M.A.**  
(21) 2021104282
- 
- (71) Gupta, V.; Mittal, V.; Sharma, H.; Mittal, M.; Kanungo, A.; Choubey, C.; Diwania, S.; Kumar, R.; Singh, S.  
(21) 2021104513 (22) 23.07.2021  
(54) A MEMORY BASED BRAIN COMPUTER INTERFACE (BCI) SYSTEM FOR MONITORING PHYSIOLOGICAL SIGNALS OF BRAIN
- 
- Gupta, H. see Rajpoot, V.**  
(21) 2021104518
- 
- Gupta, S. see Mani, P.**  
(21) 2021104519
- 
- Gupta, T. see Raj, S.**  
(21) 2021104585
- 
- Gupta, S.K. see Maurya, R.**  
(21) 2021104786
- 
- Gupta, B. see Dubey, R.**  
(21) 2021104850
- 
- Gupta, S. see Dubey, R.**  
(21) 2021104850
- 
- Gupta, T. see College of Technology and Engineering MPUAT, Udaipur**  
(21) 2021104878
- 
- Gupta, S.K. see Wal, A.**  
(21) 2021104884
- 
- Gupta, H. see Kumar, A.**  
(21) 2021104892
- 
- (71) Gupta, A.K.; Singh, A.; Singh, G.; Tiwari, G.; A, R.; Tiwari, R.  
(21) 2021104894 (22) 03.08.2021  
(54) A NOVEL METHOD OF SCREENING HELMINTHIASIS
- 
- (71) Gupta, S.; Gandhi, D.; Gambhir, M.; Bhamre, P.M.  
(21) 2021104951 (22) 04.08.2021  
(54) A SYSTEM AND A METHOD FOR ED-FA GAIN FLATTENING OPTIMIZATION
- 
- Gupta, A. see Mishra, A.**  
(21) 2021104954
- 
- (71) Gupta, T.K.; Chaurasia, V.; Shrivastava, Y.  
(21) 2021104976 (22) 05.08.2021  
(54) HIGH-PERFORMANCE ENERGY-EFFICIENT ROBUST TERNARY ADDER
- 
- Gupta., S.K. see Wal, A.**  
(21) 2021104311
- 
- Guru, R. see Dash, S.**  
(21) 2021104943
- 
- H, P.C. see Mehbodniya, A.**  
(21) 2021104408
- 
- H, P.C. see H, A.**  
(21) 2021104431
- 
- (71) H, A.; Maurya, N.; Venaik, A.; Gowri, S.; Mehbodniya, A.; L, S.; Das, S.; Rane, K.P.; R, S.; H, P.C.  
(21) 2021104431 (22) 22.07.2021  
(54) Method for Improving the Crop Health using IoT in Smart Agriculture Farming
- 
- H A, D. see Pandit, K.**  
(21) 2021104722
- 
- Haidri, R.A. see Sabharwal, M.**  
(21) 2021104788
- 
- (71) Hanna, T.  
(21) 2021105202 (22) 10.08.2021  
(54) Adhesive breast covers  
(31) 2021901836 (32) 18.06.21 (33) AU
- 
- HAQ, M. see SANOVER, S.**  
(21) 2021104641
- 
- (71) Harrison, A.  
(21) 2021105053 (22) 06.08.2021  
(54) A system and process for assessing and remedying brand buyer relationships in digital contexts
- 
- HE, J. see YI, Z.**  
(21) 2021104234
-

Innovation Patent Applications Filed - Name Index cont'd

**HE, Q. see BAI, B.**  
(21) 2021104235

(71) Hebei GEO University  
(21) 2021105173 (22) 09.08.2021  
(54) Construction Treatment Method for Reinforcing Deep Peat Soil Foundation

**Hebei Medical University see BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING**  
(21) 2021105059

(71) Hebei Ruilong Biotechnology Co., Ltd.  
(21) 2021104993 (22) 05.08.2021  
(54) Tobacco flavor and preparation method thereof

**Hebei University of Technology see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104396

**Hebei University of Technology see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104749

(71) Hemalatha, S.; Mohanty, D.K.; Siddique, M.; Singh, S.; Mahapatra, S.; Raj, S.; Vedik, B.; Shiva, C.K.; Yadav, S.; Yadav, R.; Tewari, R.; Singh, R.; Yadav, D.  
(21) 2021104564 (22) 26.07.2021  
(54) SMART FRAMEWORK FOR PROVIDING PRIVACY AND PROTECTION IN BLOCK CHAIN BASED PRIVATE TRANSACTIONS USING CLOUD COMPUTING APPROACH

**HEMALATHA, N. see Sujatha, K.**  
(21) 2021104536

(71) Henan Bangni Biological Engineering Co., Ltd.  
(21) 2021104885 (22) 03.08.2021  
(54) Light-weight orthotic insole  
(31) 202120485597.9 (32) 05.03.21 (33) CN

**Henan Polytechnic University see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104399

**Henan Polytechnic University see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104441

**Henan Polytechnic University see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104497

**Henan Polytechnic University see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104667

**Henan Polytechnic University see China Railway 18th Bureau (Group) Co., Ltd.**  
(21) 2021104669

(71) Hexi University  
(21) 2021105117 (22) 09.08.2021  
(54) Method for extracting and separating polyphenols from Lanzhou lily by eutectic solvent/salt aqueous two-phase extraction

(71) Higgins, J.  
(21) 2021105047 (22) 06.08.2021  
(54) EDUCATIONAL AID

(71) HIGH-GENE (Shanghai) BIOLOGICAL TECHNOLOGY Co., LTD.  
(21) 2021104956 (22) 05.08.2021  
(54) Ultrafiltration Device for Use in Preparation of Jellyfish Anti-oxidation Active Peptide

(71) HILLMAN, K.  
(21) 2021104920 (22) 04.08.2021  
(54) Card Games, based around the old imperial beer glass sizes, throughout Australia.

(71) Hindustan Institute of Technology and Science; Gokila, S.; Rajeswari, S.  
(21) 2021104534 (22) 24.07.2021  
(54) A SYSTEM AND METHOD FOR ANALYZING TAMIL TWEETS INTO POSITIVE AND NEGATIVE SENTIMENT

(71) Hindustan Institute of Technology and Science; Meena, S.  
(21) 2021104535 (22) 24.07.2021  
(54) A SYSTEM AND METHOD TO FIND INFLUENCE OF IMPULSE BUYING ON CUSTOMER PURCHASE DECISION

(71) Hindustan Institute of Technology and Science; Ramesh, R.K.; Sreeja, P.  
(21) 2021104584 (22) 27.07.2021  
(54) A DEVICE AND METHOD TO DETECT HAEMOGLOBIN COUNT OF A PERSON

(71) Hindustan Institute of Technology and Science; Thangaraju, S.; Meenakshi, N.  
(21) 2021104587 (22) 27.07.2021  
(54) A CHILD OCCUPANT PROTECTION AND SAFETY ASSISTING SYSTEM FOR VEHICLE

(71) Hindustan Institute of Technology and Science; A R, A.; Ramalingam, P.  
(21) 2021104637 (22) 27.07.2021  
(54) A METHOD FOR RAPID IDENTIFICATION OF PARTS COMPLEXITY IN A MANUFACTURING SETUP

(71) Hindustan Institute of Technology and Science; J G, S.; Ramalingam, P.  
(21) 2021104638 (22) 27.07.2021  
(54) A SYSTEM AND METHOD FOR PRODUCT RELIABILITY IMPROVEMENT AND MANAGEMENT IN AN INDUSTRIAL SETUP

(71) Hindustan Institute of Technology and Science; SINHA, A.; SREEJA, P.S.  
(21) 2021104896 (22) 03.08.2021  
(54) A SYSTEM AND METHOD FOR UNMANNED AERIAL VEHICLE FOR ASSISTING IN AN EMERGENCY/DISASTER

(71) Hindustan Institute of Technology and Science; KIRUBANANTHAM, P.; SARANYA, A.; PANDIARAJ, S.; DEEPTHA, R.; RATHNA, R.; VEERAMANI, R.  
(21) 2021104897 (22) 03.08.2021  
(54) A SYSTEM AND METHOD FOR PREDICTING HATE SPEECH ON SOCIAL NETWORKING PLATFORMS

(71) Hindustan Institute of Technology and Science; SHANKAR, S.K.; NATRAJABHISHEK; S, B.; S, S.  
(21) 2021104898 (22) 04.08.2021  
(54) A SOLAR POWERED SEED SOWING DEVICE

(71) Hindustan Institute of Technology and Science; SAMLAL, S.; SANTHANAKRISHNAN, R.; ASOKAN, R.; PAULSON, V.  
(21) 2021104899 (22) 04.08.2021  
(54) A PROCESS FOR PREPARING IMPACT RESISTANT MATERIAL WITH INTER-INTRAPLY CARBON/KEVLAR-EPOXY HYBRID LAMINATE

(71) HNA Group Pty Ltd  
(21) 2021104936 (22) 04.08.2021  
(54) A SAFETY COVER AND METHODS OF USE THEREOF

(71) Holder, J.  
(21) 2021104931 (22) 04.08.2021  
(54) An Improved Dog Lead

(71) Hospital of Chengdu University of Traditional Chinese Medicine  
(21) 2021104911 (22) 04.08.2021

Innovation Patent Applications Filed - Name Index cont'd

(54) Medicine pillow for dispelling wind, relieving sneezing and preventing mite in allergic rhinitis

HOU, X. see YI, Z.  
(21) 2021104234

Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province see huaiyin normal university  
(21) 2021104913

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021104916 (22) 04.08.2021  
(54) A FERMENTED ADDICTIVE THAT IMPROVES THE FEEDING EFFECT OF LIVESTOCK AND POULTRY AND A PREPARATION METHOD THEREOF

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021104968 (22) 05.08.2021  
(54) METHOD FOR PREPARING MORCHELLA CULTURE

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university  
(21) 2021105127 (22) 09.08.2021  
(54) METHOD FOR PREPARING GROWTH-PROMOTING AGENT OF VEGETABLE PURPLE SPROUTED GREEN RADISH

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university  
(21) 2021105132 (22) 09.08.2021  
(54) PRESERVATIVE FOR COMMON CATTAIL AND PREPARATION METHOD THEREOF

(71) Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university  
(21) 2021105133 (22) 09.08.2021  
(54) RED PEPPER COLOR-CHANGING AND GROWTH-PROMOTING AGENT AND PREPARATION METHOD THEREOF

(71) huaiyin normal university; South China University of Technology; Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021104913 (22) 04.08.2021  
(54) A DEVICE FOR IRRADIATION STERILIZATION OF EDIBLE FUNGUS CULTURE MATERIAL

huaiyin normal university see Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021105127

huaiyin normal university see Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021105132

huaiyin normal university see Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province  
(21) 2021105133

Humphries, A. see Bayliss, S.  
(21) 2021105207

(71) Hunan Fengdu Lighting Technology Co., Ltd.  
(21) 2021104961 (22) 05.08.2021  
(54) Headlamp

(71) Hunan Fengdu Lighting Technology Co., Ltd.  
(21) 2021104962 (22) 05.08.2021  
(54) Driving Lamp

(71) Hunan Normal University  
(21) 2021104391 (22) 21.07.2021  
(54) FEED ADDITIVE FOR IMPROVING THE QUALITY OF PORK AND APPLICATION THEREOF

(71) Hunan Normal University; Institute of Subtropical Agriculture, Chinese Academy of Sciences  
(21) 2021104395 (22) 21.07.2021  
(54) Feed additive for improving oxidative stress resistance of organisms of piglets and application thereof

(71) Hunan Normal University  
(21) 2021104446 (22) 22.07.2021  
(54) An eco-friendly pigsty using fermentation bed to supplement temperature to serve pig mother and piglet

(71) Hunan Research Institute for Nonferrous Metals  
(21) 2021105063 (22) 06.08.2021  
(54) METHOD FOR PROMOTING SULPHIDIZING FLOTATION OF COPPER OXIDE ORE USING AMINO ACID

(71) Hunan University of Science and Technology  
(21) 2021105137 (22) 09.08.2021  
(54) METHOD FOR DIAGNOSING DAMAGE OF WIND TURBINE BLADE BASED ON INHERENT FREQUENCY

(71) Hussain, S.A.; Bhattacharjee, D.; Majumdar, S.  
(21) 2021104639 (22) 28.07.2021  
(54) A PROCESS FOR PREPARATION OF A CLAY MINERAL-ORGANIC HYBRID

Hussain, N. see Kaushal, C.  
(21) 2021104769

Ibrahim, O. see Kaushal, C.  
(21) 2021104769

IMRAN, S. see RAJU, T.A.  
(21) 2021104928

(71) Imtrade Australia Pty Ltd  
(21) 2021105043 (22) 06.08.2021  
(54) Pesticide formulation comprising abamectin

(71) Inner Mongolia Agricultural University  
(21) 2021104903 (22) 04.08.2021  
(54) THIFENSULFURON-CONTAINING OAT FIELD WEEDING COMPOSITION AS WELL AS PREPARATION METHOD AND USING METHOD THEREOF

(71) INNER MONGOLIA PUAE BIOLOGICS CO., LTD  
(21) 2021105135 (22) 09.08.2021  
(54) PROBIOTIC COMPOUND PREPARATION AND USE THEREOF IN REGULATION OF VAGINAL FLORA AND HPV RESISTANCE

(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences; Ningxia University; Shandong Jianzhu University  
(21) 2021105120 (22) 09.08.2021  
(54) Land surface temperature estimation method based on expert knowledge model data driving and machine learning

(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences; Ningxia University; Shandong Jianzhu University  
(21) 2021105183 (22) 09.08.2021  
(54) A Method for Estimating Near-surface Air Temperature From Remote Sensing Data Based on Machine Learning

(71) Institute of Biology, Gansu Academy of Sciences  
(21) 2021104834 (22) 02.08.2021  
(54) Co-culture of Neocallimastix Frontalis and Methanobrevibacter Ruminantium



Innovation Patent Applications Filed - Name Index cont'd

and Application in Roughage of Dairy Cows

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2021105146 (22) 09.08.2021  
(54) METHOD FOR ON-ORBIT CALIBRATING BASIC PARAMETERS OF A MASS SPECTROMETER

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2021105149 (22) 09.08.2021  
(54) DEVICE FOR COLLECTING NEAR SPACE AEROSOLS

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences No. 19, Beitucheng Western Road Chaoyang District Beijing 100029 CHINA  
(21) 2021105145 (22) 09.08.2021  
(54) DEVICE FOR INDIRECTLY MEASURING DYNAMIC STIFFNESS OF ROUGH STRUCTURAL SURFACE

(71) Institute of Oceanology, Chinese Academy of Sciences  
(21) 2021105129 (22) 09.08.2021  
(54) New type of submarine trawl net

(71) INSTITUTE OF SOIL SCIENCE, CHINESE ACADEMY OF SCIENCES  
(21) 2021105204 (22) 10.08.2021  
(54) LARGE-GRANULE FERTILIZER APPLIED ONCE IN WHOLE GROWTH PERIOD OF FIELD CROPS BASED ON ORDINARY FAST-RELEASE FERTILIZER, PREPARATION METHOD AND USE THEREOF

**Institute of Subtropical Agriculture, Chinese Academy of Sciences see Hunan Normal University**  
(21) 2021104395

(71) Institute of Subtropical Agriculture, Chinese Academy of Sciences  
(21) 2021104443 (22) 22.07.2021  
(54) PIG FEED ADDITIVES FOR ANTI-RESISTANCE AND GROWTH PROMOTION AND THEIR APPLICATION

(71) IntelliGas Technology Developments Pty Ltd  
(21) 2021105051 (22) 06.08.2021  
(54) AUTOMATED PIPELINE VENT AND DRAIN SYSTEM

**Iyer, N. see Deshpande, S.**  
(21) 2021104948

**J, J. see DANABALA, N.**  
(21) 2021104264

**Jacob, A.M. see Raaza, A.**  
(21) 2021104384

**Jagtap, S.D. see Bamane, R.R.**  
(21) 2021104588

**Jain, S. see CHANDNANI, N.**  
(21) 2021104217

**Jain, T. see Shrivastava, P.**  
(21) 2021104510

**Jain, S. see TAHASIN, Z.**  
(21) 2021104539

**Jain, S. see Vadi, V.R.**  
(21) 2021104760

**Jaiswal, S. see Devi, A.**  
(21) 2021104274

**Jaiswal, T. see Devi, A.**  
(21) 2021104274

**Jaiswal, H. see Verma, D.**  
(21) 2021104541

**Jaiswal, R. see Patil, N.**  
(21) 2021104628

**Jaiswal, S. see Roy, N.**  
(21) 2021104949

**Jalal, A. see Rajpoot, V.**  
(21) 2021104518

**Jamader, A.R. see Acharya, B.**  
(21) 2021104312

(71) Janardhana, K.; N, V.; G, V.; Malviya, R.K.; Pandian, M.; N, A.C.; S, R.; Murugan, D.K.; R, M.; Venugopal, J.; Padmanabhan, R.G.; B, S.K.G.; Arockiam, A.J.  
(21) 2021104116 (22) 13.07.2021  
(54) A LIGHTWEIGHT MONO FRAME CHASSIS FOR E-SKATER SCOOTER BY NATURAL FIBER METAL LAMINATES

**Jangdey, M.S. see Nayak, P.**  
(21) 2021104473

**Jawaid, T. see Wal, P.**  
(21) 2021104285

**JayaKumar, J.P. see Raaza, A.**  
(21) 2021104384

**Jayaswal, P. see Mishra, S.**  
(21) 2021104776

**Jeevananthan, S. see Chitrakala, G.**  
(21) 2021104665

**Jena, S.R. see Panigrahi, R.**  
(21) 2021104684

**Jena, S.R. see Sabharwal, M.**  
(21) 2021104788

**J G, S. see Hindustan Institute of Technology and Science**  
(21) 2021104638

(71) Jha, S.K.; Chakraborty, S.; Roy, P.; Dey, S.; Tripathi, R.B.; Fateh, M.V.  
(21) 2021104419 (22) 22.07.2021  
(54) Polyherbal Gel formulation for growth of Hair Follicle

**Jhansi, G. see Sujatha, K.**  
(21) 2021104536

(71) Jhaveri, R.; Shukla, P.; Alqithami, S.; Roy, D.G.; M, P.; Sathyamoorthy, M.  
(21) 2021104683 (22) 29.07.2021  
(54) Smart Tree Health Assessment (THA) model using advanced computer vision techniques and machine learning

(71) Jiang, G.  
(21) 2021104942 (22) 04.08.2021  
(54) A traditional Chinese medicine composition for the treatment of retention of afterbirths in cows

**JIANGHAN UNIVERSITY see CHINA RAILWAY 18 BUREAU GROUP CO. LTD.**  
(21) 2021104257

(71) Jiangxi University of Finance and Economics  
(21) 2021104272 (22) 17.07.2021  
(54) An authenticable image sharing scheme based on QR code

**Jilin University see Liu, Y.**  
(21) 2021104830

Innovation Patent Applications Filed - Name Index cont'd

(71) Jilin University  
(21) 2021104835 (22) 02.08.2021  
(54) Device for Detecting Foreign Entrainment in Grain Combined Harvest Operation

---

(71) Jilin University  
(21) 2021105045 (22) 06.08.2021  
(54) Adjustable Rock-like Material Crack Prefabrication Device

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(71) J Murphy & Sons Pty Ltd  
(21) 2021105208 (22) 10.08.2021  
(54) A Trailer for a Vehicle  
(62) 2017261466

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(71) J Murphy & Sons Pty Ltd  
(21) 2021105209 (22) 10.08.2021  
(54) A Trailer for a Vehicle  
(62) 2017261466

---

(71) JNFLEX(CHANGZHOU)CO.,LTD.  
(21) 2021104711 (22) 29.07.2021  
(54) Lock bracket for building construction  
(31) 202021735419.9 (32) 19.08.20 (33) CN

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Jose, M. see Pandit, K.  
(21) 2021104722

---

Joseph, J. see K, N.  
(21) 2021104347

---

Joshi, S.A. see Mantry, S.  
(21) 2021104363

---

Joshi, A. see Mantry, S.  
(21) 2021104379

---

(71) Joshi, S.; Kumar, A.  
(21) 2021104662 (22) 28.07.2021  
(54) A MULTIMODAL BIOMETRIC AUTHENTICATION SYSTEM

---

JOSHI, G. see ARORA, S.  
(21) 2021104456

---

K, H.J. see Wal, P.  
(21) 2021104285

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K, S.K. see K, N.  
(21) 2021104347

---

(71) K, N.; Joseph, J.; K, S.K.  
(21) 2021104347 (22) 20.07.2021  
(54) Multifaceted Fingerprint Authentication for Android Mobile Application Security

K, V. see Mani, P.  
(21) 2021104519

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K, V. see Devarajan, B.  
(21) 2021104525

---

K, U. see SANOVER, S.  
(21) 2021104641

---

K, A. see K, S.  
(21) 2021104730

---

(71) K, S.; P, K.; M, V.; A, R.; M, R.; P, B.; S, G.; S, S.; K, A.; E U, I.; E, D.; N, S.; S, K.; B, I.; E D, V.  
(21) 2021104730 (22) 30.07.2021  
(54) DUAL WINDMILL IN HIGHWAY POWER GENERATION

---

K, A. see Nazimudheen, G.  
(21) 2021104764

---

(71) K, H.J.; Yadav, A.; Das, S.; Uddin, A.B.M.H.; Verma, P.; Chaubey, M.  
(21) 2021104915 (22) 04.08.2021  
(54) Hepatoprotective and Antioxidant activity of a Novel active herbal agent against Non-alcoholic fatty liver disease.

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K., S. see V, B.  
(21) 2021104286

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K., M. see Pelusi, D.  
(21) 2021104777

---

K.N, J. see Solanki, U.  
(21) 2021104902

---

Kadam, S.B. see Bamane, R.R.  
(21) 2021104588

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Kalaiarasan, C. see Raja, S.P.  
(21) 2021104361

---

KALAIVANI, A. see Sujatha, K.  
(21) 2021104536

---

Kalapala, S. see Patro, P.  
(21) 2021104757

---

Kalla, H. see Mishra, S.  
(21) 2021104634

Kamal, M.R. see Tirumishi Jada, D.  
(21) 2021104402

---

Kanhar, D. see Sarangi, S.K.  
(21) 2021104362

---

(71) Kanojia, N.; Kaushik, S.; Singh, S.; Prasad Yadav, N.; Singh, M.  
(21) 2021104538 (22) 24.07.2021  
(54) A REGENERATIVE HEATING DEVICE

---

Kanungo, A. see Sharma, H.  
(21) 2021104273

---

Kanungo, A. see Gupta, V.  
(21) 2021104513

---

Kanwate, A. see Rahate, G.  
(21) 2021104279

---

Kapoor, S. see Kapoor, S.  
(21) 2021104353

---

(71) Kapoor, S.; Bhadauria, A.; Kapoor, S.; Saxena, T.; Singh, N.; Srivastava, D.; Teacher, R.; Shrivastava, R.; Gaur, G.S.  
(21) 2021104353 (22) 20.07.2021  
(54) A Unique Novel Techniques for Determine Problems in the Textile Industry

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Kar, R. see CHANDNANI, N.  
(21) 2021104217

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(71) KARAMOOZIAN, A.; WU, D.  
(21) 2021104851 (22) 03.08.2021  
(54) AN INTEGRATED FUZZY APPROACH FOR RISK ASSESSMENT IN TUNNELING CONSTRUCTION PROJECTS

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(71) KARNAN, B.  
(21) 2021104263 (22) 17.07.2021  
(54) Device to Climb Coconut Tree

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KARTHIK, D. see SESHIAH, N.  
(21) 2021104125

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Kaur, N. see Mishra, N.  
(21) 2021104275

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Kaur, M. see Rahate, G.  
(21) 2021104279

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Kaur, M. see Sheshar Singh, S.  
(21) 2021104537

Innovation Patent Applications Filed - Name Index cont'd

**Kaur Saluja, J. see Dubey, N.**  
(21) 2021104260

**Kaur Saluja, J. see Dubey, N.**  
(21) 2021104320

(71) Kaushal, C.; Hussain, N.; Ibrahim, O.; Cengiz, K.; Brahma, B.; Shukla, P.; Solanki, S.; Yadav, S.; Soni, M.  
(21) 2021104769 (22) 31.07.2021  
(54) AN IMPROVISATION SYSTEM FOR COMPUTER NETWORK SECURITY BASED ON AN IOT AND BLOCK CHAIN

**Kaushik, S. see Kanojia, N.**  
(21) 2021104538

**KAVYA, C. see Naidu, C.**  
(21) 2021104122

**Kawduji Nagpure, N. see Kediya, S.O.**  
(21) 2021104512

**KC, B.R. see Mantry, S.**  
(21) 2021104457

(71) K C, B.R.; Tiwari, A.K.; Yadav, P.K.; K S, R.; Nayak, A.K.; Singh, D.  
(21) 2021104673 (22) 28.07.2021  
(54) POLY HERBAL GREEN TEA SUPPLEMENT FOR IMPROVING IMPLANTATION & FERTILITY

(71) Kediya, S.O.; Singh, D.K.; Dhote, S.; Uparkar, S.S.; Somnathe, T.; Nagtode, S.; Rao Dahake, R.R.; Kawduji Nagpure, N.; Gangadhar Narnaje, A.; Kumar Jha, R.; O. Manjare, S.; Meraj, ...  
(21) 2021104512 (22) 23.07.2021  
(54) SUPPLY CHAIN MANAGEMENT SYSTEM AND METHOD CONFIGURED BY AN AI EQUIPPED INTEGRATED IoT PLATFORM

**Kesharwani, A. see Sachan, K.**  
(21) 2021104775

**Khaled, I. see Khaled, A.**  
(21) 2021104904

(71) Khaled, A.; Khaled, I.  
(21) 2021104904 (22) 04.08.2021  
(54) CONTENT SUGGESTING PLATFORM BASED ON ARTIFICIAL INTELLIGENCE

**Khan, K.A. see Unnisa, A.**  
(21) 2021104766

**KHAN, B. see SINGH, P.**  
(21) 2021104120

**KHAN, M.S. see REDDY, D.K.**  
(21) 2021104364

**KHAN, S.A. see ALAM, T.**  
(21) 2021104833

**Khandai, M. see KUSHWAHA, N.**  
(21) 2021104569

**Khandige, P.S. see Prajapati, S.K.**  
(21) 2021104416

(71) Khandige, P.S.; Tyagi, S.; Singh, S.P.; Gautam, S.; Vatsa, E.; Bhardwaj, N.  
(21) 2021104698 (22) 29.07.2021  
(54) A NOVEL POLYHERBAL EXTRACT FOR TREATMENT OF ARTHRITIS WITH POTENTIAL IMMUNOMODULATORY ACTIVITY

(71) Khare, A.; Sharma, V.; Chansoriya, M.; Agrawal pushp, D.; Dubey, D.; Mishra, J.; Payasi, S.  
(21) 2021104517 (22) 24.07.2021  
(54) AUTOMATIC CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM USING ARTIFICIAL INTELLIGENCE BASED PERSONALIZED ADVERTISEMENT AND OFFERINGS

**Khare, A. see Kumar Sharma, D.**  
(21) 2021104781

**Khehra, B.S. see Gill, J.S.**  
(21) 2021104950

**Kher, J. see Deshpande, S.**  
(21) 2021104948

**Kherwa, P. see Dhiman, G.**  
(21) 2021104321

**Khilar, R. see Sujatha, K.**  
(21) 2021104536

**Khobragade, P. see Gupta, S.**  
(21) 2021104112

(71) KINGFA SCI TECH CO LTD  
(21) 2021104917 (22) 04.08.2021  
(54) Polypropylene composition and preparation method thereof

(71) Kingsford Neue Technology Pty Ltd  
(21) 2021104958 (22) 05.08.2021  
(54) AIR CLEANING AND STERILIZATION SYSTEMS AND METHODS THEREOF  
(31) 2020903501 (32) 29.09.20 (33) AU

**Kiran, P. see Devi, A.**  
(21) 2021104274

**KIRAN, K. see BAPIRAJU, K.**  
(21) 2021104121

**KIRUBANANTHAM, P. see Hindustan Institute of Technology and Science**  
(21) 2021104897

**Kishore, R.H. see Patro, P.**  
(21) 2021104757

**Konatham, T.K.R. see Unnisa, A.**  
(21) 2021104766

**Koshta, V. see Bhattacharya, R.**  
(21) 2021104119

**Koti, M.S. see Selvan, M.P.**  
(21) 2021104502

**K R, V. see Ramaiah, N.S.**  
(21) 2021104883

**Krishna, M.M. see Sarangi, S.K.**  
(21) 2021104362

**Krishna, K.M. see Patro, P.**  
(21) 2021104757

**KRISHNA, B. see RASOOL, S.**  
(21) 2021104545

**Krishna M, R. see Undru, V.B.**  
(21) 2021104765

**KRISHNA REDDY, M.S.R. see RAJU, T.A.**  
(21) 2021104928

**Krishnasamy, L. see Panigrahi, R.**  
(21) 2021104684

**Krishnasamy, L. see Sabharwal, M.**  
(21) 2021104788

Innovation Patent Applications Filed - Name Index cont'd

**K S, R. see Mantry, S.**  
(21) 2021104457

**K S, K.K. see Mani, P.**  
(21) 2021104519

**K S, R. see K C, B.R.**  
(21) 2021104673

**Kuliha, M. see Mishra, A.**  
(21) 2021104954

**kumar, G. see Malviya, R.**  
(21) 2021104451

**Kumar, K.R. see Sharma, S.**  
(21) 2021104218

**Kumar, A. see DANABALA, N.**  
(21) 2021104264

**Kumar, B.P. see Thimmaraju, M.K.**  
(21) 2021104266

**Kumar, D. see Thimmaraju, M.K.**  
(21) 2021104266

**Kumar, V. see Kushwaha, S.K.S.**  
(21) 2021104270

**Kumar, P. see Sharma, H.**  
(21) 2021104273

**Kumar, A. see Verma, A.**  
(21) 2021104276

**Kumar, A. see Chaurasia, M.A.**  
(21) 2021104282

**Kumar, S. see Shashvat, K.**  
(21) 2021104283

**Kumar, V. see Wal, P.**  
(21) 2021104295

**Kumar, S.A. see Vaishali, K.**  
(21) 2021104318

**Kumar, A. see Nigam, A.**  
(21) 2021104350

**(71) Kumar, P.; S Raj, K.**  
**(21) 2021104504 (22) 23.07.2021**

**(54) A METHOD FOR LAND REGISTRY  
BY UTILIZING AN ETHEREUM PLAT-  
FORM**

**Kumar, P. see S Raj, K.**  
(21) 2021104505

**Kumar, R. see Gupta, V.**  
(21) 2021104513

**Kumar, P. see TAHASIN, Z.**  
(21) 2021104539

**Kumar, A. see Verma, D.**  
(21) 2021104541

**Kumar, P. see KUSHWAHA, N.**  
(21) 2021104569

**Kumar, A. see D'Souza, A.**  
(21) 2021104613

**Kumar, A. see Joshi, S.**  
(21) 2021104662

**Kumar, R. see R, M.**  
(21) 2021104675

**Kumar, A. see Gandhi, C.**  
(21) 2021104716

**Kumar, K. see Patro, P.**  
(21) 2021104757

**Kumar, N. see Swathi, M.**  
(21) 2021104763

**Kumar, V.K. see Unnisa, A.**  
(21) 2021104766

**Kumar, P. see Sachan, K.**  
(21) 2021104775

**Kumar, A. see Sachan, K.**  
(21) 2021104775

**Kumar, A. see Kumar Sharma, D.**  
(21) 2021104781

**Kumar, A. see Kumar Sharma, D.**  
(21) 2021104781

**Kumar, P. see Mishra, J.N.**

**(21) 2021104882**

**(71) Kumar, A.; Sheettani, J.; Gupta, H.; M,  
S.; R, J.**

**(21) 2021104892 (22) 03.08.2021**

**(54) Method of Garbage Monitoring and  
Clearing Process by IOT**

**Kumar, M. see Borole, Y.D.**  
(21) 2021104901

**(71) Kumar, B.P.; Babu, G.S.; Boddeda, B.;  
Thimmaraju, M.K.; Arjun, G.**

**(21) 2021104955 (22) 05.08.2021**

**(54) REVERSIBLE HYDROGEL FORMULA-  
TION FOR PROLONGED ANTIMICRO-  
BIAL ACTIVITY**

**KUMAR, G. see BAPIRAJU, K.**  
(21) 2021104121

**KUMAR, P. see BAPIRAJU, K.**  
(21) 2021104121

**KUMAR, D. see SESHIAIH, N.**  
(21) 2021104125

**KUMAR, A. see Nigam, A.**  
(21) 2021104350

**(71) KUMAR G S, S.; SAMPATHILA, N.**  
**(21) 2021104767 (22) 31.07.2021**

**(54) METHOD FOR CLASSIFICATION OF  
HUMAN EMOTIONS BASED ON SE-  
LECTED SCALP REGION EEG PAT-  
TERNS BY A NEURAL NETWORK**

**Kumari, C. see Sachan, K.**  
(21) 2021104775

**Kumar Jha, R. see Kediya, S.O.**  
(21) 2021104512

**Kumar Nagwani, N. see Sharma, S.**  
(21) 2021104218

**Kumar Nigam, M. see Dubey, N.**  
(21) 2021104320

**(71) Kumar Sharma, D.**  
**(21) 2021104118 (22) 14.07.2021**

**(54) A NOVEL ROUTE MAINTENANCE  
AND RE-ROUTE DISCOVERY METH-  
OD BASED ON AODV ROUTING PRO-  
TOCOL**

Innovation Patent Applications Filed - Name Index cont'd

(71) Kumar Sharma, D.; Kumar, A.; Badoni, P.; Khare, A.; Kumar, A.; Pratap Singh, S.; Chauhan, P.; Bharadwaj, V.P.

(21) 2021104781 (22) 01.08.2021  
(54) A 5G NETWORK-BASED SYSTEM AND METHOD FOR INTELLIGENT HEALTH-CARE APPLICATIONS USING MACHINE LEARNING APPROACH

Kumar Sharma, M. see Sharma, M.  
(21) 2021104947

Kumawat, R. see Shrivastava, P.  
(21) 2021104510

Kumbhkar, M. see Bisoyi, B.  
(21) 2021104265

Kundu, S. see Das, S.  
(21) 2021104575

(71) Kushwaha, S.K.S.; Kumar, V.; Mantry, S.; Mohanto, S.; Fatma, B.; Tiwari, P.; Srivastava, D.

(21) 2021104270 (22) 17.07.2021  
(54) DESVENLAFAXINE SUCCINATE LOADED NANOSTRUCTURED LIPID CARRIER (NLC) FOR BRAIN TARGETING VIA NASAL ROUTE

(71) KUSHWAHA, N.; Bhowmick, P.; Singh, K.; Kumar, P.; Khandai, M.; Yadav, M.K.

(21) 2021104569 (22) 26.07.2021  
(54) SYNTHESIS OF SOME 3-AMINO-2-PHENYL QUINAZOLIN-4(3H)-ONE DERIVATIVES AS POTENTIAL ANTI-INFLAMMATORY AGENT

(71) Kute, R.S.

(21) 2021104946 (22) 04.08.2021  
(54) A CONVOLUTIONAL NEURAL NETWORK-BASED METHOD AND SYSTEM FOR ASSOCIATING FACE AND FACIAL COMPONENTS

L, C. see Dhiman, G.  
(21) 2021104321

L, S. see H, A.  
(21) 2021104431

Lad, A.B. see Dixit, A.  
(21) 2021104521

LAKSHMI, R. see Naidu, C.  
(21) 2021104122

Lal, B. see Mishra, N.

(21) 2021104532

LAN, J. see ZHOU, J.  
(21) 2021104240

Lanjewar, A.O. see Pattanayak, B.K.  
(21) 2021104507

Lanjewar, S.F. see Vadi, V.R.  
(21) 2021104760

(71) Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences

(21) 2021105168 (22) 09.08.2021  
(54) Monoclonal Antibody against African Swine Fever Virus Helicase D1133L and Hybridoma Cell Strain Secreting the Monoclonal Antibody and Application Thereof

(71) Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences

(21) 2021105170 (22) 09.08.2021  
(54) Attenuated Strain of African Swine Fever Virus without MGF360-9L Gene and Application thereof

Lata, R. see Solanki, U.  
(21) 2021104902

Lavanya, G. see Suresh, B.  
(21) 2021104770

LAVANYA, K. see REDDY, D.K.  
(21) 2021104364

(71) LEEDARSON LIGHTING CO., LTD.

(21) 2021104923 (22) 04.08.2021  
(54) Air purification lamp  
(31) 202121199585.6 (32) 31.05.21 (33) CN

(71) LEEDARSON LIGHTING CO., LTD.

(21) 2021104924 (22) 04.08.2021  
(54) Air purification illuminator  
(31) 202121198658.X (32) 31.05.21 (33) CN

(71) LEEDARSON LIGHTING CO., LTD.

(21) 2021104925 (22) 04.08.2021  
(54) Air purification illuminator  
(31) 202121197846.0 (32) 31.05.21 (33) CN

(71) LEEDARSON LIGHTING CO., LTD.

(21) 2021104926 (22) 04.08.2021  
(54) Air purification lamp  
(31) 202121199522.0 (32) 31.05.21 (33) CN

Lenin see R, M.  
(21) 2021104675

LENKA, R. see SARANGI, S.K.  
(21) 2021104117

Lentini, G. see Mazzocca, A.  
(21) 2021104214

(71) Li, S.  
(21) 2021105159 (22) 09.08.2021  
(54) Partial pre-digested infant formula milk powder applicable to intestinal lymphangiectasia

(71) LI, Z.; MEI, T.; SUN, W.; WANG, C.  
(21) 2021104243 (22) 16.07.2021  
(54) Method of Pedestrian detection based on multi-layer feature fusion

(71) LI, L.  
(21) 2021104941 (22) 04.08.2021  
(54) An improved nappy  
(31) 2021902134 (32) 13.07.21 (33) AU

LIAONING TECHNICAL UNIVERSITY see CHINA RAILWAY 18 BUREAU GROUP CO. LTD.  
(21) 2021104257

LIAONING TECHNICAL UNIVERSITY see CHINA RAILWAY 18 BUREAU GROUP CO. LTD.  
(21) 2021104258

LIKHITHA, N. see Naidu, C.  
(21) 2021104122

(71) Lincoln University College  
(21) 2021104828 (22) 02.08.2021  
(54) Sarcasm in Twitter -A C-RNN Approach

(71) Liu, Y.; Zhou, L.; Wu, Y.; Jilin University  
(21) 2021104830 (22) 02.08.2021  
(54) A micro piezoelectric axial flow fan  
(31) ZL201420396465.9 (32) 18.07.14 (33) CN

(71) Lockliv Holdings Pty. Ltd.  
(21) 2021105029 (22) 05.08.2021  
(54) MONITORING AND ALERT SYSTEM AND METHOD FOR SENSORIALLY PERCEPTIBLE DEVICES  
(62) 2019203235

LODHI, A.K. see REDDY, D.K.  
(21) 2021104364

Lokulwar, P. see Gupta, S.

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104112

(71) Lonman Auto Accessories Co., Ltd  
(21) 2021104921 (22) 04.08.2021  
(54) EASILY DISMANTLED ASSEMBLY FOR MOUNTING VEHICLE TENT  
(31) 202121681961.5 (32) 23.07.21 (33) CN

(71) LU, M.  
(21) 2021105037 (22) 06.08.2021  
(54) Organic matters beneficial for plant healthy growth

(71) Ludong University  
(21) 2021105128 (22) 09.08.2021  
(54) Acid soil activator for cadmium, copper and zin contaminated soil and preparation method thereof

(71) Luo, M.  
(21) 2021104494 (22) 23.07.2021  
(54) A DRUM TYPE COAXIAL WIND POWER GENERATION DEVICE FOR TRAINS

M, P. see Malviya, M.  
(21) 2021104313

M, D. see Mehbodniya, A.  
(21) 2021104408

M, P. see Jhaveri, R.  
(21) 2021104683

M, V. see K, S.  
(21) 2021104730

M, R. see K, S.  
(21) 2021104730

M, H. see Suresh, B.  
(21) 2021104770

(71) M, B.; P, S.  
(21) 2021104831 (22) 02.08.2021  
(54) A Novel Deep Convolutional Neural Network for Tattoo Text Detection in Images

M, S. see Kumar, A.  
(21) 2021104892

(71) M.KUMARASAMY COLLEGE OF ENGINEERING  
(21) 2021104886 (22) 03.08.2021  
(54) SOLAR POWERED INCINERATOR FOR SANITARY PADS

(71) M.KUMARASAMY COLLEGE OF ENGINEERING  
(21) 2021104888 (22) 03.08.2021  
(54) RELIABLE WINDSHIELD WIPER ASSEMBLY

(71) M.KUMARASAMY COLLEGE OF ENGINEERING  
(21) 2021104891 (22) 03.08.2021  
(54) AN EMERGENCY HEALTH MONITORING SYSTEM WITH FALL PREVENT FOR ELDERLY USING VISIBLE LIGHT COMMUNICATION

(71) M.S. Ramaiah University of Applied Sciences  
(21) 2021104837 (22) 02.08.2021  
(54) AN IMAGE PROCESSING SYSTEM AND METHOD FOR SALIVARY GLUCOSE DIAGNOSIS

MA, C. see ZHOU, J.  
(21) 2021104240

(71) Macau University of Science and Technology  
(21) 2021104919 (22) 04.08.2021  
(54) COMPOSITIONS AND METHODS OF INHIBITION OF TRANSCRIPTION AND REPLICATION OF HBV

MADHAVI, B. see REDDY, D.K.  
(21) 2021104364

Maggu, P. see Nigam, A.  
(21) 2021104350

Mahajan, M. see Patil, N.  
(21) 2021104628

Mahajan, J. see Paul, I.  
(21) 2021104768

Mahale, P. see Patil, N.  
(21) 2021104628

Mahapatra, S. see Hemalatha, S.  
(21) 2021104564

Mahapatra, C. see Ramaiah, N.S.  
(21) 2021104883

Mahboob, A. see Suresh, B.  
(21) 2021104770

Maidamwar, P. see Gupta, S.

(21) 2021104112

(71) Mainampati, S.R.  
(21) 2021104845 (22) 02.08.2021  
(54) NON-DESTRUCTIVE PULSE ECHO-OVERLAP METHOD AND SYSTEM FOR DETECTING MICROBIAL CONTAMINATION IN CANNED AND DAIRY FOODS

Majumdar, S. see Hussain, S.A.  
(21) 2021104639

Mali, M. see Patil, N.  
(21) 2021104628

Malviya, R.K. see Janardhana, K.  
(21) 2021104116

(71) Malviya, R.  
(21) 2021104305 (22) 19.07.2021  
(54) Method and Process to Develop Herbal Shampoo against Pediculus Humanus Capitis De Geer (Head Louse)

(71) Malviya, M.; M, P.; Suthar, A.; Sivaraju., S.  
(21) 2021104313 (22) 19.07.2021  
(54) DETECTION OF COVID-19 SECOND WAVE MODIFIED CORONAVIRUS PATIENTS USING THE EFFICIENT BLOCKCHAIN BASED DEEP LEARNING ALGORITHM WITH CT IMAGES

(71) Malviya, R.; kumar, G.  
(21) 2021104451 (22) 22.07.2021  
(54) IDENTIFICATION OF ANTI-COVID 19 AGENT SOMNIFERINE AS INHIBITOR OF MPRO & ACE2-RBD INTERACTION

Malyadri, T. see Naidu, C.  
(21) 2021104122

Manchanda, S. see Maurya, R.  
(21) 2021104786

Mandal, V. see Ghorai, T.K.  
(21) 2021104511

Mangal, A. see CHANDNANI, N.  
(21) 2021104217

(71) Mangalore Institute of Technology and Engineering  
(21) 2021104848 (22) 03.08.2021  
(54) SYSTEM AND METHOD FOR EXTENSIONS TO SUBWORD ANALYSIS OF

Innovation Patent Applications Filed - Name Index cont'd

SMALL VOCABULARY AND LARGE VOCABULARY ASR

(71) Mani, P.; Srikant, S.S.; Chaurasia, G.S.; K S, K.K.; S, S.K.; Gupta, S.; G, S.; B, S.; Vishnoi, M.K.; K, V.  
(21) 2021104519 (22) 24.07.2021  
(54) Automatic Electric Cooling Fan System; a device and thereof

**Manic, U.S. see Manic, K.S.**  
(21) 2021104727

(71) Manic, K.S.; Biju, R.; Rajinikanth, V.; Manic, U.S.  
(21) 2021104727 (22) 29.07.2021  
(54) DEVELOPMENT OF CNN SCHEME FOR COVID-19 DISEASE DETECTION USING CHEST RADIOGRAPH

**MANIKANTA, K. see SESHIAH, N.**  
(21) 2021104125

**MANIKANTA, R.N. see SESHIAH, N.**  
(21) 2021104125

(71) Manipal University  
(21) 2021104893 (22) 03.08.2021  
(54) Performance and Computational Analysis of Queueing Systems

(71) Manipal University Jaipur  
(21) 2021104527 (22) 24.07.2021  
(54) FAULT AWARE HYBRID NATURE INSPIRED ALGORITHM USING ANN

(71) Manipal University Jaipur  
(21) 2021104528 (22) 24.07.2021  
(54) TASK SCHEDULING AND LOAD BALANCING IN CLOUD COMPUTING USING FIREFLY ALGORITHM

(71) Manipal University Jaipur  
(21) 2021104529 (22) 24.07.2021  
(54) A SYSTEM AND A METHOD FOR ECOMMERCE EPIDEMIC MODELS

(71) Manipal University Jaipur  
(21) 2021104640 (22) 28.07.2021  
(54) ENERGY EFFICIENCY ENHANCEMENT BY THERMAL ANALYSIS IN THE SYSTEM OF HORIZONTAL PERMEABLE BASE DRAIN

(71) Manipal University Jaipur  
(21) 2021104772 (22) 31.07.2021  
(54) CENTRALIZED MINI POOL BASED DISTRIBUTED HYBRID NOVEL APPROACH FOR CHANNEL ASSIGNMENT IN CELLULAR NETWORK

(71) Manipal University Jaipur  
(21) 2021104773 (22) 31.07.2021  
(54) EMOTION CLASSIFICATION IN HINGLISH SOCIAL MEDIA TEXT USING SUPERVISED MACHINE LEARNING ALGORITHM

(71) Manipal University Jaipur  
(21) 2021104774 (22) 31.07.2021  
(54) SENTIMENT ANALYSIS IN SOCIAL MEDIA HINGLISH TEXT USING DEEP LEARNING ALGORITHMS

(71) Maniraj, J.; Ganapathi, P.; Thangavel, K.; Murali, M.; Balaprakash, V.; Venugopal, J.; Pathak, A.; Arvind Patil, A.; Vinodhini, Y.; Aziz, A.; Sha Diana, F.H.; Neeraja, B.  
(21) 2021104771 (22) 31.07.2021  
(54) THE APPARATUS FOR SOLAR DRIVEN PUMP SYSTEM USING REMOTE NETWORKING.

**Manjula, A. see Vaishali, K.**  
(21) 2021104318

**Manjunath, T. see Pattanayak, B.K.**  
(21) 2021104507

**Mantry, S. see Kushwaha, S.K.S.**  
(21) 2021104270

(71) Mantry, S.; Joshi, S.A.; Dama, G.Y.; Pethakar, S.R.; Bhowmick, M.; Bhowmick, P.  
(21) 2021104363 (22) 21.07.2021  
(54) Targeted Release of Camptothecin for Cancer Chemotherapy Using Carbon Nanotubes.

(71) Mantry, S.; Bhowmick, M.; Bhowmick, P.; Sahu, D.; Bhunia, A.; Joshi, A.  
(21) 2021104379 (22) 21.07.2021  
(54) Sustained Release Hydrogel Formulation Containing Levofloxacin Hemihydrate for Ocular Drug Delivery

(71) Mantry, S.; Raman, R.; Sahu, D.; KC, B.R.; Sharma, R.; K S, R.  
(21) 2021104457 (22) 22.07.2021  
(54) CAMPTOTHECIN LOADED MODIFIED RELEASE MICROSPHERES FOR CANCER CHEMOTHERAPY

**Mantry, S. see Verma, D.**  
(21) 2021104541

**Mariappan, V. see Prabhu Bam, R.V.**  
(21) 2021104503

**Martha, S.K. see Verma, D.**  
(21) 2021104541

(71) Materialised Pty Ltd  
(21) 2021105090 (22) 07.08.2021  
(54) Fabric Module For Hospital Cubicle Curtains  
(31) 2021901092 (32) 14.04.21 (33) AU

**Maurya, N. see H, A.**  
(21) 2021104431

(71) Maurya, R.; Gupta, S.K.; Reddy, K.V.N.; Arfi, S.; Manchanda, S.; Roy, P.  
(21) 2021104786 (22) 01.08.2021  
(54) Controlled Release of Docetaxel Within Functionalized Mesoporous Silica Nanoparticles for Cancer Therapy

**Mazumder, R. see Mazumder, A.**  
(21) 2021104761

(71) Mazumder, A.; Das, S.; Mazumder, R.; Das, M.K.; Gautam, A.; Mishra, R.; Yadav, S.  
(21) 2021104761 (22) 30.07.2021  
(54) DEVELOPMENT OF HERBAL DRUGS COMBATING SYNTHETIC DRUG INDUCED NEPHROTOXICITY

(71) Mazzocca, A.; Gnocchi, D.; Cavalluzzi, M.M.; Lentini, G.  
(21) 2021104214 (22) 15.07.2021  
(54) A PROCESS FOR DEVELOPING LYSOPHOSPHATIDIC ACID RECEPTOR 6 (LPAR6) ANTAGONISTS THAT INHIBIT HEPATOCELLULAR CARCINOMA GROWTH

**MD., R. see RASOOL, S.**  
(21) 2021104545

**Meena, S. see Hindustan Institute of Technology and Science**  
(21) 2021104535

**Meenakshi, N. see Hindustan Institute of Technology and Science**  
(21) 2021104587

**MEHANOOR, S.H. see REDDY, D.K.**  
(21) 2021104364

(71) Mehbodniya, A.; G, M.; Venaik, A.; Shinde, S.U.; Umar, S.; Pallathadka, H.; N., P.; Das, S.; M, D.; H, P.C.  
(21) 2021104408 (22) 21.07.2021

Innovation Patent Applications Filed - Name Index cont'd

(54) Method for automating Smart Green House using IoT

Mehbodniya, A. see H, A.  
(21) 2021104431

Mehta, M. see Dubey, N.  
(21) 2021104320

MEI, T. see LI, Z.  
(21) 2021104243

MELINGI, S.B. see RAJU, T.A.  
(21) 2021104928

(71) Memorial University, S.R.  
(21) 2021104636 (22) 27.07.2021  
(54) PREMIXING OF Bacillus subtilis IN CONCRETE TO SELF HEAL THE MICRO CRACKS AND ENHANCE ITS COMPRESSIVE STRENGTH

(71) Menon, S.  
(21) 2021104262 (22) 16.07.2021  
(54) A SYSTEM AND METHOD TO AVOID DISCONTINUITY IN DATA STREAMS

Menon, D. see R, M.  
(21) 2021104675

Meraj, .. see Kediya, S.O.  
(21) 2021104512

Meshram, V. see A, S.  
(21) 2021104123

(71) Mishra, N.; Kaur, N.; Garg, A.; Sharma, S.; Garg, S.; Bhatt, S.  
(21) 2021104275 (22) 17.07.2021  
(54) MORIN DIHYDRATE LOADED MICRO-PARTICULATE CARRIERS FOR MANAGEMENT OF HEPATOTOXICITY

Mishra, P. see Verma, A.  
(21) 2021104276

Mishra, A. see Chaurasia, M.A.  
(21) 2021104282

Mishra, V. see Dubey, N.  
(21) 2021104320

Mishra, J. see Khare, A.  
(21) 2021104517

(71) Mishra, N.; Garg, A.; Ashique, S.; Upadhyay, A.; Verma, S.; Lal, B.  
(21) 2021104532 (22) 24.07.2021

(54) Extraction and Isolation of Embelin from Embelia ribes berries and determination of its antiamoebic activity

Mishra, G. see D'Souza, A.  
(21) 2021104613

(71) Mishra, S.; Sahoo, D.K.; Rathee, D.; Kalla, H.; Gopikrishna, T.; Narayan Mohanty, M.; Nagila, P.  
(21) 2021104634 (22) 27.07.2021

(54) Prototype for Detection and Classification of Brain Tumor using CNN feature-based LLRBFNN Model

Mishra, U. see Patro, P.  
(21) 2021104757

Mishra, R. see Mazumder, A.  
(21) 2021104761

(71) Mishra, S.; Paswan, S.K.; Tabish, M.; Jayaswal, P.; Farooqi, M.A.; Shoaib, A.  
(21) 2021104776 (22) 31.07.2021

(54) A NOVEL HERBAL FORMULATION HAVING CARDIOPROTECTIVE POTENTIAL

Mishra, S. see Dubey, R.  
(21) 2021104850

Mishra, S. see Dubey, R.  
(21) 2021104850

(71) Mishra, J.N.; Paswan, S.; Samad, A.; Singh, A.P.; Kumar, P.; Sharma, A.  
(21) 2021104882 (22) 03.08.2021

(54) Synthesis of some Alkyl[[5-imino-4-aryl-4,5-dihydro-1,2,4-thiazol-3-yl]carbamoyle]amino}acetate derivatives and their anticonvulsant activity

(71) Mishra, A.; Gupta, A.; Rathore, N.; Usman, M.; Ranadive, F.; Singh, M.; Kuliha, M.; Singh, A.; Dhope, T.; Chandre, A.  
(21) 2021104954 (22) 05.08.2021

(54) SEQUENTIAL TOUCH BASED TEXT AND AUDIO CONVERSION SYSTEM WITH ARTIFICIAL INTELLIGENCE IN HINDI UNICODE FOR BLIND COMMUNITY

MISHRA, P. see Chansoriya, M.  
(21) 2021104731

Mittal, V. see Gupta, V.  
(21) 2021104513

Mittal, M. see Gupta, V.  
(21) 2021104513

Modak, J.P. see Dhale, A.D.  
(21) 2021104277

Mohale, V.P. see Bamane, R.R.  
(21) 2021104588

Mohamed, J.M. see Unnisa, A.  
(21) 2021104766

Mohammed, I.A. see Unnisa, A.  
(21) 2021104766

Mohan, V. see Chitrakala, G.  
(21) 2021104665

Mohan, J. see Gandhi, C.  
(21) 2021104716

Mohan, V. see Vadi, V.R.  
(21) 2021104760

MOHAN, A. see REDDY, D.K.  
(21) 2021104364

Mohanto, S. see Kushwaha, S.K.S.  
(21) 2021104270

Mohanty, R. see Sarangi, S.K.  
(21) 2021104362

Mohanty, D.K. see Hemalatha, S.  
(21) 2021104564

Mohanty, D. see Dash, S.  
(21) 2021104943

Mohanty, P. see Dash, S.  
(21) 2021104943

Mohanty, P. see Dash, S.  
(21) 2021104943

Mohd Soom, M.A. see Tirumishi Jada, D.  
(21) 2021104402

Mokashi, B. see N, S.  
(21) 2021104269



Innovation Patent Applications Filed - Name Index cont'd

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**Molakatala, N. see Undru, V.B.**  
(21) 2021104765

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**Mony, M.P. see Raj, R.**  
(21) 2021104930

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**Mony, M.P. see Raj, R.**  
(21) 2021104933

---

(71) Mony, M.P.; Anilkumar, T.V.; Shenoy, S.J.; Nair, R.S.; Raj, R.; Vijayakumari, P.K.; Purnima, C.; Sobhan, P.K.  
(21) 2021104953 (22) 04.08.2021  
(54) A Method for Fabrication of a Gelatin Conjugated Porcine Cholecystic Extracellular Matrix Scaffold for Treating a Diabetic Wound

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(71) Morrison Pacific Pty Ltd  
(21) 2021105215 (22) 10.08.2021  
(54) Bread Pan  
(31) 2021901001 (32) 06.04.21 (33) AU

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**Muduli, K. see Behera, R.**  
(21) 2021104792

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(71) Muffakham Jah College of Engineering and Technology  
(21) 2021104728 (22) 29.07.2021  
(54) A METHOD TO ENHANCE OPTICAL PROPERTIES OF A ZINC ARSENIC TELLURITE GLASS

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**Mukherjee, G. see Chatterjee, A.**  
(21) 2021104630

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**Mungara, J. see Pandit, K.**  
(21) 2021104722

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**Murali, M. see Vadi, V.R.**  
(21) 2021104760

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**Murali, M. see Maniraj, J.**  
(21) 2021104771

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**Murthy, K. see Dubey, N.**  
(21) 2021104260

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**MURTHY, M.B. see RAJU, T.A.**  
(21) 2021104928

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**Murugan, D.K. see Janardhana, K.**  
(21) 2021104116

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**MURUGAN R, P. see Science, H.I.T.**  
(21) 2021104895

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**Muthulakshmi, A. see Suresh, B.**  
(21) 2021104770

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**Muthuraman, T.S. see Raaza, A.**  
(21) 2021104384

---

**N, V. see Janardhana, K.**  
(21) 2021104116

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**N, A.C. see Janardhana, K.**  
(21) 2021104116

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**N, V. see DANABALA, N.**  
(21) 2021104264

---

(71) N, S.; S, R.; Mokashi, B.  
(21) 2021104269 (22) 17.07.2021  
(54) An AI Enabled Contactless Remote Health Monitoring System for Neonatal Care

---

**N, S. see Devarajan, B.**  
(21) 2021104525

---

**N, Y. see Pandit, K.**  
(21) 2021104722

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**N, S. see K, S.**  
(21) 2021104730

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**N., P. see Mehbodniya, A.**  
(21) 2021104408

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**Nagajothi, V. see Ramaiah, N.S.**  
(21) 2021104883

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(71) Nagarajan, G.; Aravindraj, E.  
(21) 2021104784 (22) 01.08.2021  
(54) AN OPTIMIZED SIERPINSKI GASKET FRACTAL PATCH ANTENNA FOR S, C,X AND Ku BAND APPLICATIONS

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**NAGARAJU, T. see BAPIRAJU, K.**  
(21) 2021104121

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**Nagila, P. see Mishra, S.**  
(21) 2021104634

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**Nagtode, S. see Kediya, S.O.**  
(21) 2021104512

---

(71) Naidu, C.; Malyadri, T.; Satya, A.; SAI, A.; VARMA, C.; RAJU, C.; KAVYA, C.; SITA, D.N.V.; PRIYA, D.; RAMARAJU, G.V.P.; SAI AKASH, K.; DEVIKA, M.; SAI, N.U.; LIKHITHA, N.; LAKSHMI, R.  
(21) 2021104122 (22) 14.07.2021  
(54) A SYSTEM FOR THE CLEANING OF RIVERS AND STREAMS

---

(71) Naik, A.V.; Sellappan, K.  
(21) 2021104280 (22) 18.07.2021  
(54) A METHOD FOR TREATING CANCER CELLS USING ANTI-CANCER TREATING PLANT EXTRACT

---

**Naik, B.N. see Bamane, R.R.**  
(21) 2021104588

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(71) NAIKODI, C.  
(21) 2021104146 (22) 14.07.2021  
(54) A Novel Approach to Unbreakable Authentication for Smart Phones with Flexible Combinations of Multiple Multimedia features, Screen Angles, Shaking Directions

---

(71) NAIKODI, C.  
(21) 2021104791 (22) 02.08.2021  
(54) A Novel Approach to Detect Unidentified Persons and GSM Based Alerting System for Smart Homes Using Height, Weight and Temperature Sensors

---

(71) NAIKODI, C.  
(21) 2021104803 (22) 02.08.2021  
(54) Add-on to Smart Toilets with Iris Recognition and Auto-Measuring of Basic Functions Viz Weight, Temperature, Pulse Rate, Urine, Stool Analysis of the Human for Tracking Seating Time, Health Status and Signs of Disease

---

(71) NAIKODI, C.  
(21) 2021104852 (22) 03.08.2021  
(54) Secured Digital Locker for Individual Physical Files with Harvesting Energy from Finger's Heat to Safeguard Documents Without using External Power Supply

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**Nain, M. see Shashvat, K.**  
(21) 2021104283

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**Nair, R.S. see Raj, R.**  
(21) 2021104930

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**Nair, R.S. see Raj, R.**  
(21) 2021104933

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**Nair, R.S. see Mony, M.P.**  
(21) 2021104953

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Innovation Patent Applications Filed - Name Index cont'd

**NAJAM, L. see ALAM, T.**  
(21) 2021104833

**NANDA, A. see SARANGI, S.K.**  
(21) 2021104117

(71) Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd  
(21) 2021104973 (22) 05.08.2021  
(54) Formaldehyde-free decorative plywood with high stability and manufacturing method thereof

(71) Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd  
(21) 2021104974 (22) 05.08.2021  
(54) Method for preparing light weight and high-strength container bottom plate by using fast-growing wood veneer

(71) Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd  
(21) 2021105057 (22) 06.08.2021  
(54) Wood-based winding conveying pipe and preparation method thereof

**NARAYANA, T. see BAPIRAJU, K.**  
(21) 2021104121

**Narayan Mohanty, M. see Mishra, S.**  
(21) 2021104634

**Nasir, M.S. see Upreti, K.**  
(21) 2021104790

**Nasrulla Khan, P.A.K. see Selvan, M.P.**  
(21) 2021104502

**Nath, S. see Bisoyi, B.**  
(21) 2021104265

(71) National Ocean Technology Center  
(21) 2021104960 (22) 05.08.2021  
(54) Method and System for Measuring Water Transparency

**NATRAJABHISHEK see Hindustan Institute of Technology and Science**  
(21) 2021104898

**NAVEED, Q. see SANOBBER, S.**  
(21) 2021104641

**Nayak, P. see Prajapati, S.K.**  
(21) 2021104416

(71) Nayak, P.; Jangdey, M.S.; Sahu, R.K.; Pandey, M.; Verma, R.K.; Sharma, U.  
(21) 2021104473 (22) 23.07.2021  
(54) A POLYHERBAL AYURVEDIC FORMULATION AS A POTENTIAL AGENT FOR ANTI-HYPERLIPIDEMIC

**Nayak, B. see Selvan, M.P.**  
(21) 2021104502

**Nayak, A.K. see K C, B.R.**  
(21) 2021104673

**Nayak, B. see Vadi, V.R.**  
(21) 2021104760

**Nayyar, A. see Vyas, S.**  
(21) 2021104783

**Nazila, R. see TAHASIN, Z.**  
(21) 2021104539

(71) Nazimudheen, G.; K, A.  
(21) 2021104764 (22) 30.07.2021  
(54) A METHOD FOR LIGNIN EXTRACTION FOR BIOENERGY APPLICATIONS

**Neeraja, B. see Maniraj, J.**  
(21) 2021104771

**Negi, S.K. see Chhabra, G.**  
(21) 2021104281

(71) NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED  
(21) 2021104246 (22) 16.07.2021  
(54) Slimming probiotic soft capsule and preparation method thereof

(71) Nigam, A.; ANJALI.; TANWAR, N.; KUMAR, A.; RAHMAN, M.; RASHID, M.C.; Kumar, A.; Abhishek.; Maggu, P.; Devi, P.  
(21) 2021104350 (22) 20.07.2021  
(54) GENERIC BRAND METRICS FRAMEWORK USING SCORECARD APPROACH

**Ningxia University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences**  
(21) 2021105120

**Ningxia University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences**

(21) 2021105183

(71) Nitti, A.  
(21) 2021105042 (22) 06.08.2021  
(54) WEIGHTLIFTING BODY FORM SUPPORT

(71) NNAMANI, P.O.  
(21) 2021104317 (22) 19.07.2021  
(54) An Artemether-Loaded Nanostructured Lipid Carrier (NLC) Nanogel Composition and A Method for Formulation of the Artemether-Loaded (NLC) Nanogel

**North China Electric Power University see Anshan Power Supply Company, State Grid Liaoning Power Co., Ltd.**  
(21) 2021104984

**North China Electric Power University see SHIJIAZHANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA**  
(21) 2021105058

**North China Electric Power University see BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING**  
(21) 2021105059

(71) Northeastern University  
(21) 2021105123 (22) 09.08.2021  
(54) REDUNDANCY RULE SCREENING METHOD FOR ASSOCIATION RULE MINING AND DEVICE THEREOF  
(31) 202011399622.8 (32) 04.12.20 (33) CN

(71) Northwest Agriculture and Forestry University  
(21) 2021104523 (22) 24.07.2021  
(54) PREPARATION METHOD OF 1,6-O,O-DIACETYLBRIANNILACTONE AND APPLICATION OF PREPARATION ANTI-ALZHEIMER'S DISEASE DRUG

**O. Manjare, S. see Kediya, S.O.**  
(21) 2021104512

(71) O'Higgins, U.B.  
(21) 2021104762 (22) 30.07.2021  
(54) A SYSTEM AND METHOD TO ASSESS QUALITY OF A UNIVERSITY THROUGH PERCEPTION OF STUDENTS

(71) Ocean University of China  
(21) 2021105055 (22) 06.08.2021  
(54) Polyamide nanofiltration membrane with multivalent/monovalent salt selectivity and preparation method thereof

Innovation Patent Applications Filed - Name Index cont'd

(71) Ocean University of China  
(21) 2021105112 (22) 09.08.2021  
(54) Polyamide nanofiltration membrane with multivalent/monovalent salt selectivity and preparation method thereof

(71) Oopsi Pty Ltd  
(21) 2021104971 (22) 05.08.2021  
(54) Protective anti-impact hat

(71) OZGREEN ENERGY PTY LTD  
(21) 2021104890 (22) 03.08.2021  
(54) SYSTEM AND METHOD FOR MONITORING WATER QUALITY  
(31) 2020904744 (32) 18.12.20 (33) AU

P, R. see DANABALA, N.  
(21) 2021104264

P, P. see DANABALA, N.  
(21) 2021104264

P, P. see V, B.  
(21) 2021104286

P, R. see V, B.  
(21) 2021104286

P, P. see V, B.  
(21) 2021104286

P, A. see Raaza, A.  
(21) 2021104384

P, T. see S, S.  
(21) 2021104546

P, R. see Raj, S.  
(21) 2021104585

P, K. see K, S.  
(21) 2021104730

P, B. see K, S.  
(21) 2021104730

P, S. see M, B.  
(21) 2021104831

P, B. see Pelusi, D.  
(21) 2021104777

Padhen, S.S. see Totewad, N.D.  
(21) 2021104516

Padmanabhan, R.G. see Janardhana, K.  
(21) 2021104116

Padmasini, C.S. see Suresh, B.  
(21) 2021104770

Pai, S. see Pandit, K.  
(21) 2021104722

Pal, S. see Vyas, S.  
(21) 2021104783

Pallathadka, H. see Mehbodniya, A.  
(21) 2021104408

Pallathadka, H. see Borole, Y.D.  
(21) 2021104901

Pallathadka, H. see Solanki, U.  
(21) 2021104902

Pamba, R. see TAHASIN, Z.  
(21) 2021104539

PAN, K. see WANG, D.  
(21) 2021104236

PAN, Y. see WANG, D.  
(21) 2021104236

Pancharathi, R.K. see Arukala, S.R.  
(21) 2021104847

(71) Panda, S.; Prasad, S.K.  
(21) 2021104278 (22) 18.07.2021  
(54) A METHOD AND SYSTEM FOR IMPROVING THE DESIGN OF A QUANTUM COMPARATOR AND ITS ASSOCIATED CIRCUITS

Panda, P. see Gholap, S.S.  
(21) 2021104635

PANDA, M. see SARANGI, S.K.  
(21) 2021104117

Pandey, M.K. see Dubey, N.  
(21) 2021104260

Pandey, A. see Dubey, N.  
(21) 2021104320

Pandey, M. see Nayak, P.  
(21) 2021104473

Pandey, S. see Sahoo, N.G.  
(21) 2021104582

Pandey, P. see Dubey, R.  
(21) 2021104849

PANDEY, A. see SINGH, P.  
(21) 2021104120

Pandian, M. see Janardhana, K.  
(21) 2021104116

PANDIARAJ, S. see Hindustan Institute of Technology and Science  
(21) 2021104897

Pandit, K. see Selvan, M.P.  
(21) 2021104502

(71) Pandit, K.; Prakash, K.E.; Dattana, V.; Jose, M.; Soans, S.V.; Sharma, P.; Pai, S.; Mungara, J.; Subramanian, M.; H A, D.; N, Y.; Deepajothi, S.; Azam, M.  
(21) 2021104722 (22) 29.07.2021  
(54) MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE BASED INTELLIGENT BETTING SYSTEM FOR SPORTS PREDICTION

(71) Pandurang Wagh, M.  
(21) 2021104114 (22) 13.07.2021  
(54) METHOD AND SYSTEM TO CURTAIL THE PARAMETERS OF DISTILLERY SPENT WASH

Pandya, M. see Chansoriya, M.  
(21) 2021104731

Pandya, I.Y. see Borole, Y.D.  
(21) 2021104901

Panhalkar, A. see Selvan, M.P.  
(21) 2021104502

Panhalkar, A. see Ramaiah, N.S.  
(21) 2021104883

(71) Panigrahi, R.; Patjoshi, R.K.; Badal, S.; Patel, S.; Jena, S.R.; Sabharwal, M.; Krishnasamy, L.; Dhanaraj, R.K.  
(21) 2021104684 (22) 29.07.2021  
(54) UNIQUE EV CAR DESIGN WITH DIVERSE SOLAR PANELS AND NO POWER DISPLAYS

Panigrahi, R. see Sabharwal, M.

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104788

Panse, V. see Rahate, G.  
(21) 2021104279

Panse, V.R. see Dixit, A.  
(21) 2021104521

(71) Parkins, D.  
(21) 2021105138 (22) 09.08.2021  
(54) Motorized Wheelbarrow  
(62) 2020201906

Parthiban, S. see Suresh, B.  
(21) 2021104770

Pasupuleti, V.R. see Tirumishi Jada, D.  
(21) 2021104402

Paswan, S.K. see Mishra, S.  
(21) 2021104776

Paswan, S. see Mishra, J.N.  
(21) 2021104882

Patel, R.K. see Bisoyi, B.  
(21) 2021104265

Patel, D.K. see Acharya, B.  
(21) 2021104312

Patel, L. see Dubey, N.  
(21) 2021104320

Patel, B. see Dubey, N.  
(21) 2021104320

Patel, S. see Panigrahi, R.  
(21) 2021104684

Patel, S. see Sabharwal, M.  
(21) 2021104788

Pathak, A. see Maniraj, J.  
(21) 2021104771

PATI, D.P. see SARANGI, S.K.  
(21) 2021104117

Patil, R. see Bisoyi, B.  
(21) 2021104265

Patil, V.M. see Wal, P.

(21) 2021104295

Patil, A.P. see Bamane, R.R.  
(21) 2021104588

(71) Patil, N.; Sonawane, S.; Pinjari, S.;  
Jaiswal, R.; Mali, M.; Mahajan, M.; Ma-  
hale, P.  
(21) 2021104628 (22) 27.07.2021  
(54) A NOVEL MACHINE LEARNING  
TECHNIQUE FOR CLASSIFICATION  
USING DEVIATION PARAMETERS

Patjoshi, R.K. see Panigrahi, R.  
(21) 2021104684

Patjoshi, R.K. see Sabharwal, M.  
(21) 2021104788

Patle, L. see Selvan, M.P.  
(21) 2021104502

Patro, R. see Dhiman, G.  
(21) 2021104321

Patro, R. see Dhiman, G.  
(21) 2021104321

(71) Patro, P.; Kumar, K.; Krishna, K.M.; Sri-  
lakshmi, V.; Rao, T.S.; Kalapala, S.;  
Kishore, R.H.; Swain, D.; Mishra, U.;  
Sama, H.R.  
(21) 2021104757 (22) 30.07.2021  
(54) INTELLIGENT BREAST CANCER DE-  
TECTION SYSTEM BASED ON MA-  
CHINE LEARNING WITH EFFECTIVE  
FUZZY SEGMENTATION AND CLAS-  
SIFICATION METHOD

(71) Pattanayak, B.K.; Singh, A.K.; Anand,  
K.; Bhardwaj, A.; Bahadur Saini,  
D.K.J.; Sonekar, S.V.; Baig, M.M.;  
Sawwashere, S.S.; Lanjewar, A.O.;  
Zunke, S.A.; Manjunath, T.; G., P.  
(21) 2021104507 (22) 23.07.2021  
(54) SMART SYSTEM FOR DETECTION  
OF BLACK FUNGUS AND WHITE  
FUNGUS DISEASE USING ARTIFI-  
CIAL INTELLIGENCE, INTERNET  
OF THINGS SENSORS AND DEEP  
LEARNING

(71) Paul, I.; Vaidya, A.; Damle, P.; BHOLE,  
G.; Chaudhari, J.; Mahajan, J.  
(21) 2021104768 (22) 31.07.2021  
(54) A FOLDABLE SOLAR DRYER FOR  
HOUSEHOLD PURPOSE

Paulian, K. see DANABALA, N.  
(21) 2021104264

PAULSON, V. see Hindustan Institute of  
Technology and Science  
(21) 2021104899

PAVANI, Y. see BAPIRAJU, K.  
(21) 2021104121

Pawade, D. see Gupta, S.  
(21) 2021104112

Pawar, O.B. see Totewad, N.D.  
(21) 2021104516

Payasi, S. see Khare, A.  
(21) 2021104517

P C, R. see Prasada G S, S.V.  
(21) 2021104724

(71) Peking University  
(21) 2021104242 (22) 16.07.2021  
(54) Method of Analysis of differentially ex-  
pressed genes in non-alcoholic steato-  
hepatitis based on bioinformatics tech-  
nology

(71) Pelusi, D.; Cyriac, R.; R., J.E.;  
Prabhakar, M.A.; P., B.; K., M.  
(21) 2021104777 (22) 31.07.2021  
(54) Malfunction of Hard Disk Drive Recog-  
nition and Predictive Analysis Using AI  
and ML Techniques

Perez, A. see D'Amato, J.P.  
(21) 2021104124

Peri, R. see Devarajan, B.  
(21) 2021104525

Peter, G. see Vadi, V.R.  
(21) 2021104760

Pethakar, S.R. see Mantry, S.  
(21) 2021104363

(71) Phoenix Management Services  
(21) 2021103795 (22) 01.07.2021  
(54) Application for Reporting Contracts  
(ARC)

Pillai, B. see Dubey, R.  
(21) 2021104849

Pinjari, S. see Patil, N.

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104628

(71) POISEIDON.CLL.TECHNOLOGY CO., LTD.

(21) 2021104966 (22) 05.08.2021

(54) ADAPTOR FOR CONNECTING MAGAZINE TO WATER GUN

Ponkoodalingam, K. see Tirumishi Jada, D.

(21) 2021104402

Poongothai, V. see CHANDNANI, N.

(21) 2021104217

Prabhakar, M.A. see Pelusi, D.

(21) 2021104777

Prabhakar, A. see Roy, N.

(21) 2021104949

(71) Prabhu Bam, R.V.; Sakhardande, M.J.; Prabhu Gaonkar, R.S.; Mariappan, V.

(21) 2021104503 (22) 23.07.2021

(54) A METHOD TO IMPROVE A DIE-CASTING PROCESS IN A MANUFACTURING UNIT

Prabhu Gaonkar, R.S. see Prabhu Bam, R.V.

(21) 2021104503

(71) Prabhu Matti, N.B.; Soodan, V.

(21) 2021104840 (22) 02.08.2021

(54) A METHOD TO STUDY THE EFFECT OF ONLINE FOOD DELIVERY APP FEATURES ON CONSUMER BEHAVIOUR

(71) Practical Pty Ltd as trustee for the Practical Unit Trust

(21) 2021105038 (22) 06.08.2021

(54) Water transfer system

(62) 2021204052

(71) Prajapati, S.K.; Singh, T.R.; Nayak, P.; Khandige, P.S.; Chandel, S.S.; Upasani, C.D.

(21) 2021104416 (22) 21.07.2021

(54) DEVICE FOR MEASURING SEVERITY ESTIMATION IN MUSCULAR ATROPHY & INFLAMMATION OF MUSCLES.

Prakash, V.P. see Singhal, R.

(21) 2021104261

Prakash, K.E. see Pandit, K.

(21) 2021104722

Pramanik, P. see Vyas, S.

(21) 2021104783

Prasad, S.K. see Panda, S.

(21) 2021104278

PRASAD, C. see REDDY, D.K.

(21) 2021104364

(71) Prasada G S, S.V.; Seshikala, G.; Sampathila, N.; P C, R.; Singh, C.

(21) 2021104724 (22) 29.07.2021

(54) A METHOD FOR DESIGNING HIGH-SPEED VEDIC FLOATING-POINT MULTIPLIER

Prasad Yadav, N. see Kanojia, N.

(21) 2021104538

PRASANTH, M. see BAPIRAJU, K.

(21) 2021104121

Pratap Singh, S. see Kumar Sharma, D.

(21) 2021104781

(71) Pratley Investments (Pty) Ltd

(21) 2021105156 (22) 09.08.2021

(54) FLAMEPROOF JUNCTION BOX

(31) 2020/07515 (32) 03.12.20 (33) ZA

PRIYA, D. see Naidu, C.

(21) 2021104122

PRIZELIN, G. see BAPIRAJU, K.

(21) 2021104121

Pulukuri, A.R. see Arukala, S.R.

(21) 2021104847

Pundir, A. see Saxena, C.

(21) 2021104758

Purnima, C. see Raj, R.

(21) 2021104933

Purnima, C. see Mony, M.P.

(21) 2021104953

QASEEM, M.S. see REDDY, D.K.

(21) 2021104364

(71) Qilu University of Technology

(21) 2021105044 (22) 06.08.2021

(54) CELLULOSE/ARAMID NANOFIBER COMPOSITE FILM AND PREPARATION METHOD AND APPLICATION THEREOF

(31) 2020116209972 (32) 31.12.20 (33) CN

(71) Qilu University of Technology

(21) 2021105060 (22) 06.08.2021

(54) CARBOXYMETHYL CELLULOSE/ARAMID NANOFIBER COMPOSITE FILM AND PREPARATION METHOD AND APPLICATION THEREOF

(31) 202110104016.7 (32) 26.01.21 (33) CN

(71) Qilu University of Technology

(21) 2021105062 (22) 06.08.2021

(54) WOOD PULP/ARAMID PULP MULTIFUNCTIONAL COMPOSITE PAPER AND PREPARATION METHOD AND APPLICATION THEREOF

(31) 2021103080493 (32) 23.03.21 (33) CN

(71) Qingdao Agricultural University

(21) 2021104985 (22) 05.08.2021

(54) Breeding Technology of Winter-spring Hybrid Wheat Varieties

(71) Qingdao Agricultural University; Qingdao laoshan district bureau of natural resources; Qingdao Jiazhi Biotechnology Co., Ltd.

(21) 2021104995 (22) 05.08.2021

(54) An Auxiliary Device For Drenching Oxen And Horses

(71) Qingdao Agricultural University

(21) 2021105066 (22) 06.08.2021

(54) Animal dissection virtual simulation experiment bench

(71) Qingdao Agricultural University; Qingdao laoshan district bureau of natural resources

(21) 2021105206 (22) 10.08.2021

(54) A Multi-functional Butteris

(71) QINGDAO AGRICULTURAL UNIVERSITY

(21) 2021104111 (22) 13.07.2021

(54) DOUBLE ANTI-CLOGGING WATER SUPPLY PIPE AND PROCESSING METHOD THEREOF

(71) QINGDAO AGRICULTURAL UNIVERSITY; Shandong KangYuanTang Chinese Herbal Medicine Co.,Ltd.

(21) 2021104759 (22) 30.07.2021

(54) A Medium for Tissue Culture of Actinidia Arguta

Qingdao Jiazhi Biotechnology Co., Ltd. see Qingdao Agricultural University

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104995

**Qingdao laoshan district bureau of natural resources see Qingdao Agricultural University**

(21) 2021104995

**Qingdao laoshan district bureau of natural resources see Qingdao Agricultural University**

(21) 2021105206

(71) Qingdao University of Science and Technology

(21) 2021105049 (22) 06.08.2021

(54) Method for separating ethyl acetate and ethanol by double tower variable pressure rectification

(71) Qingdao University of Science and Technology

(21) 2021105050 (22) 06.08.2021

(54) Preparation method and application of ultra high activity modified CdS material piezoelectric catalytic material

(71) Qingdao University of Science and Technology

(21) 2021105125 (22) 09.08.2021

(54) Extractive Distillation Process for Separating a Ternary Complex Azeotropic Mixture of Cyclohexane/N-Propanol/Water

**R, M. see Janardhana, K.**

(21) 2021104116

**R, K. see Bisoyi, B.**

(21) 2021104265

**R, S. see Dhiman, G.**

(21) 2021104321

**R, D. see Dhiman, G.**

(21) 2021104321

**R, S. see H, A.**

(21) 2021104431

**R, M. see Devarajan, B.**

(21) 2021104525

**R, S. see Sujatha, K.**

(21) 2021104536

**R, R.P. see S, S.**

(21) 2021104546

(71) R. M.; Menon, D.; Shamsheer, S.; R., S.; D, A.; Vayaravel, C.; Lenin; Kumar, R.

(21) 2021104675 (22) 28.07.2021

(54) Artificial Intelligence with the Internet of Medical Things (IoMT) To Combat Large Scale Epidemic

**R, J. see Kumar, A.**

(21) 2021104892

**R., P. see REDDY, D.K.**

(21) 2021104364

**R., S. see R, M.**

(21) 2021104675

**R., J.E. see Pelusi, D.**

(21) 2021104777

(71) R.M Creighton Dental Pty Ltd

(21) 2021105210 (22) 10.08.2021

(54) Stabilised water-based silver fluoride dental solution

(62) 2017333603

(71) Raaza, A.; A.K, D.R.; Anand, V.; Jacob, A.M.; Alsouli, D.K.S.; JayaKumar, J.P.; Ezzeddine, J.W.; P, A.; Muthuraman, T.S.; Sijaria, D.; T, J.

(21) 2021104384 (22) 21.07.2021

(54) Artificial Intelligence-based multipurpose cradle system

**Raffik, R. see Bisoyi, B.**

(21) 2021104265

**Raghuwanshi, N. see Borole, Y.D.**

(21) 2021104901

(71) Rahate, G.; Kaur, M.; Kanwate, A.; Panse, V.

(21) 2021104279 (22) 18.07.2021

(54) A TRIVALENT TERBIUM ACTIVATED Sr<sub>2</sub>(BO<sub>3</sub>)Cl GREEN LIGHT EMITTING PHOSPHOR COMPOUND FOR SOLID STATE LIGHTING AND A METHOD FOR SYNTHESIZING THE COMPOUND

**RAHMAN, M. see Nigam, A.**

(21) 2021104350

**Rai, V. see Chatterjee, A.**

(21) 2021104630

**Raj, S. see Hemalatha, S.**

(21) 2021104564

(71) Raj, S.; Chakravarti, A.; Virmani, D.; A, C.; Subramani, T.; P, R.; Singh, S.; Gupta, T.; Shaik, N.; Rooban, S.

(21) 2021104585 (22) 27.07.2021

(54) An artificial intelligence and IOT based system for accessing civil infrastructure

(71) Raj, R.; Anilkumar, T.; Nair, R.S.; Mony, M.P.; Vijayakumari, P.K.; Sobhan, P.K.

(21) 2021104930 (22) 04.08.2021

(54) A METHOD FOR PREPARATION OF HYDROGEL OF MAMMALIAN CHOLECYSTIC EXTRACELLULAR MATRIX

(71) Raj, R.; Purnima, C.; Anilkumar, T.V.; Shenoy, S.J.; Nair, R.S.; Mony, M.P.; Vijayakumari, P.K.; Sobhan, P.K.

(21) 2021104933 (22) 04.08.2021

(54) TISSUE ENGINEERING APPLICATIONS OF A TUNABLE HYDROGEL OF MAMMALIAN EXTRACELLULAR MATRIX

**Raj, R. see Mony, M.P.**

(21) 2021104953

(71) Raja, S.P.; Kalaiarasan, C.; Sapna, R.

(21) 2021104361 (22) 20.07.2021

(54) A METHOD AND SYSTEM FOR OBSTACLE DETECTION USING SMART WALKING STICK FOR BLIND AND VISUALLY IMPAIRED

(31) 202141024577 (32) 02.06.21 (33) IN

**RAJEEV, T.V. see RAJU, T.A.**

(21) 2021104928

**Rajeswar, S. see and Science, H.I.T.**

(21) 2021104586

**Rajeswari, S. see Hindustan Institute of Technology and Science**

(21) 2021104534

**RAJESWARI, B. see RAJU, T.A.**

(21) 2021104928

**Rajinikanth, V. see Manic, K.S.**

(21) 2021104727

(71) Rajpoot, V.; Tiwari, A.; Jalal, A.; Trivedi, V.; Chaturvedi, P.; Gupta, H.

(21) 2021104518 (22) 24.07.2021

(54) SYSTEM AND METHOD FOR MONITORING HEALTH OF HOME ISOLATED PATIENT AND AUTOMATICALLY DEMANDING HEALTH RESOURCES USING ARTIFICIAL INTELLIGENCE

Innovation Patent Applications Filed - Name Index cont'd

**Raju, T.S. see Undru, V.B.**  
(21) 2021104765

**RAJU, C. see Naidu, C.**  
(21) 2021104122

**RAJU, K. see REDDY, D.K.**  
(21) 2021104364

(71) RAJU, T.A.; SOWMYA, K.; KRISHNA REDDY, M.S.R.; IMRAN, S.; BABU, T.A.; RAJESWARI, B.; MELINGI, S.B.; MURTHY, M.B.; RAJEEV, T.V.  
(21) 2021104928 (22) 04.08.2021  
(54) AUTOMATED AGRICULTURAL SYSTEM BASED ON BLUETOOTH TECHNOLOGY

(71) Ramaiah, N.S.; V.K, R.; K R, V.; Rao, T.N.; Sharma, S.; Zaware, S.N.; Vajpai, I.; Nagajothi, V.; Panhalkar, A.; Bhosale, R.; Chopra, M.; Mahapatra, C.; Subramanian, M.  
(21) 2021104883 (22) 03.08.2021  
(54) INTERNET OF THINGS BASED INTELLIGENT SYSTEM FOR PROVIDING ONLINE STORE FOR SHARE AND SALE OF VIRTUAL OBJECTS BASED ON CLOUD COMPUTING

**Ramalingam, D.P. see and Science, H.I.T.**  
(21) 2021104586

**Ramalingam, P. see Hindustan Institute of Technology and Science**  
(21) 2021104637

**Ramalingam, P. see Hindustan Institute of Technology and Science**  
(21) 2021104638

**Ramalingam, P. see Science, H.I.T.**  
(21) 2021104895

**Raman, R. see Mantry, S.**  
(21) 2021104457

**RAMARAJU, G.V.P. see Naidu, C.**  
(21) 2021104122

**Ramarao, T. see Dubey, N.**  
(21) 2021104260

**Ramesh, R.K. see Hindustan Institute of Technology and Science**  
(21) 2021104584

**Rana, A. see Sahoo, N.G.**  
(21) 2021104582

**RANABOTHU, G.R. see S, S.**  
(21) 2021104546

**Ranadive, F. see Mishra, A.**  
(21) 2021104954

**Rane, K.P. see H, A.**  
(21) 2021104431

**Rao, T.S. see Patro, P.**  
(21) 2021104757

**Rao, T.N. see Ramaiah, N.S.**  
(21) 2021104883

**Rao Dahake, R.R. see Kediya, S.O.**  
(21) 2021104512

**RASHID, M.C. see Nigam, A.**  
(21) 2021104350

(71) RASOOL, S.; DULHARE, U.N.; DULORI, S.; MD., R.; KRISHNA, B.; AMBHAIKAR, A.; SWARNKAR, S.K.  
(21) 2021104545 (22) 26.07.2021  
(54) Smart IoT based Third Eye for Protection from Abnormal Activities

(71) Rastogi, S.; Sharma, V.; Ahmad, F.J.  
(21) 2021104945 (22) 04.08.2021  
(54) A COLORIMETRIC SENSOR FOR DETECTING OXYTOCIN AND A METHOD THEREOF

**Rathee, D. see Mishra, S.**  
(21) 2021104634

**RATHNA, R. see Hindustan Institute of Technology and Science**  
(21) 2021104897

**Rathore, V.S. see Sharma, M.**  
(21) 2021104947

**Rathore, N. see Mishra, A.**  
(21) 2021104954

**RAVINDER, O. see REDDY, D.K.**  
(21) 2021104364

**Ravitheja, A. see Devi, A.**  
(21) 2021104274

**Rawat, P. see D'Souza, A.**  
(21) 2021104613

(71) Real Estate Zen Pty Ltd  
(21) 2021104900 (22) 04.08.2021  
(54) Peer-to-Peer Digital Referral System

**Reddy, A.Y. see Selvan, M.P.**  
(21) 2021104502

**Reddy, K.V.N. see Maurya, R.**  
(21) 2021104786

**Reddy, M.S.R. see Dash, S.**  
(21) 2021104943

(71) REDDY, D.K.; MOHAN, A.; SHASHIDHAR, K.; PRASAD, C.; LAVANYA, K.; LODHI, A.K.; MADHAVI, B.; KHAN, M.S.; R., P.; SHAVALI, T.; AHAMAD, S.; MEHANOOR, S.H.; RAVINDER, O.; QASEEM, M.S.; RAJU, K.; SUSEELA, K.; CHEELA, R.R.; BEGUM, S.F.  
(21) 2021104364 (22) 21.07.2021  
(54) UTILIZATION OF INTERNET OF THINGS TO OPTIMIZE THE HUMAN TASK IN AN INDUSTRY 4.0 CONTEXT

**Redstone, C. see Bayliss, S.**  
(21) 2021105207

**Rekha, K.S. see Sujatha, K.**  
(21) 2021104536

(71) RIJATEK Design Pty Ltd  
(21) 2021104964 (22) 05.08.2021  
(54) CABLE REEL  
(31) 2020902768 (32) 06.08.20 (33) AU

**Rinawa, M.L. see Solanki, U.**  
(21) 2021104902

**Rizwanullah, M. see Solanki, U.**  
(21) 2021104902

**Rohita, Y. see Swathi, M.**  
(21) 2021104763

**RONALD, B. see BAPIRAJU, K.**  
(21) 2021104121

**Roncevic, I. see Devarajan, B.**  
(21) 2021104525

Innovation Patent Applications Filed - Name Index cont'd

**Rooban, S. see Raj, S.**  
(21) 2021104585

(71) Roorkee College of Engineering  
(21) 2021104360 (22) 20.07.2021  
(54) MATLAB SIMULINK BASED SOL-  
AR TRACKING ON PHOTOVOLTAIC  
MODULE

(71) Roorkee College of Engineering  
(21) 2021104543 (22) 25.07.2021  
(54) HSS CUTTING TOOL WITH VARIOUS  
WORKPIECES TO INCREASE TOOL  
LIFE

(71) Roorkee College of Engineering  
(21) 2021104544 (22) 26.07.2021  
(54) RECYCLING OF AGGREGATE CON-  
CRETE MATERIALS

**Rout, B. see Dash, S.**  
(21) 2021104943

**Roy, P. see Jha, S.K.**  
(21) 2021104419

**Roy, D.G. see Jhaveri, R.**  
(21) 2021104683

**Roy, P. see Maurya, R.**  
(21) 2021104786

**Roy, S.S. see Dash, S.**  
(21) 2021104943

(71) Roy, N.; Jaiswal, S.; Prabhakar, A.;  
Verma, D.  
(21) 2021104949 (22) 04.08.2021  
(54) A device and method to design a cost-  
effective organ-on-chip prototype for  
drug toxicity testing in lung and liver tis-  
sues

**Rubiales, A. see D'Amato, J.P.**  
(21) 2021104124

**Rudra, B. see Selvan, M.P.**  
(21) 2021104502

**S, R. see Janardhana, K.**  
(21) 2021104116

**S, R. see N, S.**  
(21) 2021104269

**S, R. see V, B.**  
(21) 2021104286

**S, S.K. see Mani, P.**  
(21) 2021104519

**S, S. see S, S.**  
(21) 2021104546

**S, K. see S, S.**  
(21) 2021104546

**S, V.K. see S, S.**  
(21) 2021104546

(71) S, S.; S, S.; P, T.; R, R.P.; S, K.; D, T.P.;  
RANABOTHU, G.R.; S, V.K.  
(21) 2021104546 (22) 26.07.2021  
(54) AN AUTOMATED SYSTEM AND  
METHOD FOR CONTROLLING TURN  
INDICATORS IN AUTOMOBILES

**S, G. see K, S.**  
(21) 2021104730

**S, S. see K, S.**  
(21) 2021104730

**S, K. see K, S.**  
(21) 2021104730

**S, B. see Hindustan Institute of Techno-  
logy and Science**  
(21) 2021104898

**S, S. see Hindustan Institute of Techno-  
logy and Science**  
(21) 2021104898

**S, B., A. see Suresh, B.**  
(21) 2021104770

**Sabat, S. see Dash, S.**  
(21) 2021104943

**Sabata, S. see Dash, S.**  
(21) 2021104943

**Sabharwal, M. see Panigrahi, R.**  
(21) 2021104684

(71) Sabharwal, M.; Patjoshi, R.K.; Pan-  
igrahi, R.; Patel, S.; Haidri, R.A.; Jena,

S.R.; Krishnasamy, L.; Balusamy, B.;  
Dhanaraj, R.K.

(21) 2021104788 (22) 01.08.2021  
(54) ELECTRIC CAR DESIGN USING AI  
POWERED BATTERY TO ENHANCE  
THE BATTERY LIFETIME

**Sachan, K. see D'Souza, A.**  
(21) 2021104613

(71) Sachan, K.; Kumar, P.; Kumar, A.; Ke-  
sharwani, A.; Devi, S.; Kumari, C.  
(21) 2021104775 (22) 31.07.2021  
(54) SYNTHESIS OF NOV-  
EL N-5-FLUORO-4-(4-  
SULFAMOYLPHENYLAMINO)  
BENZO[d]THIAZOL-2-YL) BENZAMIDE  
DERIVATIVES AS POTENTIAL ANTI-  
INFLAMMATORY AGENT

**Sadhula, A. see Unnisa, A.**  
(21) 2021104766

(71) Sahayaraj, J.M.  
(21) 2021104215 (22) 15.07.2021  
(54) AN INTERNET OF THINGS BASED  
COVID SPREAD PREVENTION SYS-  
TEM AND ITS METHOD THEREOF

(71) Sahoo, N.G.; Tewari, C.; Pandey,  
S.; Tatrari, G.; Rana, A.; Tiwari, H.;  
Dandapat, A.  
(21) 2021104582 (22) 26.07.2021  
(54) Graphene based nanomaterials derived  
from Drepanostachyum falcatum for  
water purification  
(31) 202111031289 (32) 12.07.21 (33) IN

**Sahoo, D.K. see Mishra, S.**  
(21) 2021104634

**Sahu, M. see Bhattacharya, R.**  
(21) 2021104119

**Sahu, U. see CHANDNANI, N.**  
(21) 2021104217

**Sahu, S. see Bisoyi, B.**  
(21) 2021104265

**Sahu, S. see Dubey, N.**  
(21) 2021104320

**Sahu, D. see Mantry, S.**  
(21) 2021104379

**Sahu, D. see Mantry, S.**  
(21) 2021104457



Innovation Patent Applications Filed - Name Index cont'd

Sahu, R.K. see Nayak, P.  
(21) 2021104473

Sahu, V.K. see Das, S.  
(21) 2021104575

SAI, A. see Naidu, C.  
(21) 2021104122

SAI, N.U. see Naidu, C.  
(21) 2021104122

SAI AKASH, K. see Naidu, C.  
(21) 2021104122

Sakhapara, A. see Gupta, S.  
(21) 2021104112

Sakhardande, M.J. see Prabhu Bam, R.V.  
(21) 2021104503

Sama, H.R. see Patro, P.  
(21) 2021104757

Samad, A. see Mishra, J.N.  
(21) 2021104882

Samal, B. see Behera, R.  
(21) 2021104792

(71) SAMBANA, B.; YAGIREDDI, R.  
(21) 2021104681 (22) 28.07.2021  
(54) An Autonomous Early Detection analysis of User Drowsiness through Facial Recognition using Artificial Intelligence  
(31) 202141000006 (32) 02.01.21 (33) IN  
202141006206 14.02.21 IN

SAMLAL, S. see Hindustan Institute of Technology and Science  
(21) 2021104899

Sampathila, N. see Prasada G S, S.V.  
(21) 2021104724

SAMPATHILA, N. see KUMAR G S, S.  
(21) 2021104767

Sankar, K. see Sebastian, A.  
(21) 2021104785

(71) SANOBER, S.; K, U.; DHUPIA, B.; NAVEED, Q.; BUHARI, S.; HAQ, M.  
(21) 2021104641 (22) 28.07.2021  
(54) FUSION ARTIFICIAL NEURAL NETWORK MODEL FOR DETERMINING INFLUENCING POLLUTANT IN SMART CITIES ENVIRONMENT

SANTHANAKRISHNAN, R. see Hindustan Institute of Technology and Science  
(21) 2021104899

Sanya Institute of Oceanology, SCSIO see South China Sea Institute of Oceanology, Chinese Academy of Sciences  
(21) 2021104959

Sapna, R. see Raja, S.P.  
(21) 2021104361

Saraf, P. see Gupta, S.  
(21) 2021104112

(71) Sarangi, S.K.; Vankara, J.; Deshmukh, M.; Krishna, M.M.; Kanhar, D.; Mohanty, R.; Dixit, P.; Suman, S.; Chaudhary, J.; Sharma, T.  
(21) 2021104362 (22) 20.07.2021  
(54) SYSTEM & METHOD FOR INTELLIGENT VIRTUAL STOCK TRADING AND MANAGEMENT USING MACHINE LEARNING APPROACH

(71) SARANGI, S.K.; PANDA, M.; LENKA, R.; CHOWDHURY, M.R.; PATI, D.P.; DASH, A.K.; NANDA, A.; AGASTY, S.  
(21) 2021104117 (22) 14.07.2021  
(54) Method of Coastal Communication and Response System during Tropical Cyclone using Mobile Ad-hoc Network

SARANYA, A. see Hindustan Institute of Technology and Science  
(21) 2021104897

Saras see Bisoyi, B.  
(21) 2021104265

Sarkar, A. see Bhowmik, D.  
(21) 2021104583

Sashidhar, C. see Devi, A.  
(21) 2021104274

Sathyamoorthy, M. see Jhaveri, R.  
(21) 2021104683

Satya, A. see Naidu, C.  
(21) 2021104122

SATYANARAYANA, M. see BAPIRAJU, K.  
(21) 2021104121

SATYA SAI, A.V. see SESHIAH, N.  
(21) 2021104125

Sawant, P.H. see Bamane, R.R.  
(21) 2021104588

Sawwashere, S.S. see Pattanayak, B.K.  
(21) 2021104507

Saxena, R. see Varshney, A.  
(21) 2021104113

Saxena, T. see Kapoor, S.  
(21) 2021104353

Saxena, G. see Tyagi, S.  
(21) 2021104533

(71) Saxena, C.; Srivastava, R.; Pundir, A.  
(21) 2021104758 (22) 30.07.2021  
(54) Intelligent Client Management System

(71) School of Chemical Engineering, Northeast Electric Power University  
(21) 2021105178 (22) 09.08.2021  
(54) Conductive membrane filtration electrocoagulation coupling wastewater treatment device

(71) Science, H.I.T.; MURUGAN R, P.; Ramalingam, P.  
(21) 2021104895 (22) 03.08.2021  
(54) A Method for Improving a Manufacturing Performance in An Industrial Value Chain by Utilizing a MED Process Model

(71) Sebastian, A.; Sankar, K.  
(21) 2021104785 (22) 01.08.2021  
(54) DYNAMIC BOOT LOADER IN USB DRIVE WITH ENHANCED USER EXPERIENCE

Seetharaman, S. see Devarajan, B.  
(21) 2021104525

Sellappan, K. see Naik, A.V.  
(21) 2021104280

Selvan, N.B. see Devi, A.  
(21) 2021104274

Innovation Patent Applications Filed - Name Index cont'd

(71) Selvan, M.P.; Nayak, B.; Rudra, B.; Koti, M.S.; Pandit, K.; Siddiqua, A.; Panhalkar, A.; Bhosale, R.; Reddy, A.Y.; Tambe, P.R.; Nasrulla Khan, P.A.K.; Patle, L.; Urkude, S.A.; Urkude, A.M.

(21) 2021104502 (22) 23.07.2021

(54) INTELLIGENT TRACKING SYSTEM FOR FUNGUS DISEASE DETECTION WITH A DEEP LEARNING APPROACH

Sengar, A. see Singhal, R.

(21) 2021104261

Senthilkumar, R.U. see DANABALA, N.

(21) 2021104264

(71) SESHIAH, N.; KUMAR, D.; ANIL, K.; CHAITANYA, C.; MANIKANTA, K.; ALI, M.; SUDHAKAR, S.; VAMSI KRISHNA, B.; SRINIVAS, M.; AKASH, B.; CHANDU, G.; SATYA SAI, A.V.; MANIKANTA, R.N.; VARMA, Y.; KARTHIK, D.

(21) 2021104125 (22) 14.07.2021

(54) AN AUTOMATIC OUT OF INVENTORY IDENTIFICATION OF DIFFERENT ITEMS IN CONVENIENCE STORES OR WAREHOUSES BY WARNING NOTIFICATIONS USING THE SMARTPHONE APP

Seshikala, G. see Prasada G S, S.V.

(21) 2021104724

Shabaz, M. see TAHASIN, Z.

(21) 2021104539

Sha Diana, F.H. see Maniraj, J.

(21) 2021104771

Shah, J. see Dhiman, G.

(21) 2021104321

(71) SHAHI, S.; SINGH, S.K.

(21) 2021104729 (22) 29.07.2021

(54) THE BIOLOGICAL IMPORTANCE OF GADDI SHEEP'S MILK OLIGOSACCHARIDES

(31) 202021051972 (32) 29.10.20 (33) IN

Shaik, N. see Raj, S.

(21) 2021104585

Shaik, R.A. see Unnisa, A.

(21) 2021104766

SHAJAHAN, M.I. see V, B.

(21) 2021104286

Shamsher, S. see R, M.

(21) 2021104675

Shandong Jianzhu University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences

(21) 2021105120

Shandong Jianzhu University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences

(21) 2021105183

Shandong KangYuanTang Chinese Herbal Medicine Co.,Ltd. see QINGDAO AGRICULTURAL UNIVERSITY

(21) 2021104759

(71) Shandong Longchang Animal Health Product Co., LTD.

(21) 2021104906 (22) 04.08.2021

(54) Application of a bile acid composite bacterial agent in the preparation of swine feed additives

(71) Shandong Longchang Animal Health Product Co., LTD.

(21) 2021104908 (22) 04.08.2021

(54) Eucalyptus polybractea essential oil having deworming effect, composite microbial agent and applications thereof

(71) Shandong Peanut Research Institute

(21) 2021104676 (22) 28.07.2021

(54) METHOD FOR EXTRACTING PEANUT GENOME

(71) Shandong Sport University

(21) 2021104929 (22) 04.08.2021

(54) WARM-UP DEVICE FOR ACTIVATING MUSCLES

(31) 202011210299.5 (32) 03.11.20 (33) CN

Shanghai Marine Renewable Energy Engineering Technology Research Center see Shanghai Ocean University

(21) 2021104980

Shanghai Marine Renewable Energy Engineering Technology Research Center see Shanghai Ocean University

(21) 2021104981

Shanghai Marine Renewable Energy Engineering Technology Research Center see Shanghai Ocean University

(21) 2021104982

(71) Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center

(21) 2021104980 (22) 05.08.2021

(54) Wave energy self-powered locating type liftable ecological buoy

(71) Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center

(21) 2021104981 (22) 05.08.2021

(54) Ocean energy power-generating device combined with offshore wind turbine

(71) Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center

(21) 2021104982 (22) 05.08.2021

(54) Wave flow coupled power-generating device

(71) Shanghai Ocean University

(21) 2021105180 (22) 09.08.2021

(54) Relative Positioning Method Based on a Lora Network

(71) Shanghai Ocean University

(21) 2021105201 (22) 10.08.2021

(54) Method of identifying the age of shrimps and crabs by using eyestalks

SHANKAR, S.K. see Hindustan Institute of Technology and Science

(21) 2021104898

SHAO, J. see SU, H.

(21) 2021104241

Sharma, D. see Gupta, S.

(21) 2021104112

(71) Sharma, S.; Srivastava, S.; Bagga, J.; Kumar Nagwani, N.; Dewangan, A.K.; Kumar, K.R.; Chopra, J.; Verma, A.

(21) 2021104218 (22) 16.07.2021

(54) A SYSTEM FOR IDENTIFICATION OF PERSONALITY TRAITS AND A METHOD THEREOF

(71) Sharma, H.; Gupta, V.; Kanungo, A.; Kumar, P.; Choubey, C.; Gupta, N.K.

(21) 2021104273 (22) 17.07.2021

(54) AI & IOT BASED SMART SHOPPING CART SYSTEM

Sharma, S. see Mishra, N.

(21) 2021104275

Innovation Patent Applications Filed - Name Index cont'd

**Sharma, V. see Shashvat, K.**  
(21) 2021104283

**Sharma, P. see Wal, P.**  
(21) 2021104295

**Sharma, G.S. see Dubey, N.**  
(21) 2021104320

**Sharma, R. see Dubey, N.**  
(21) 2021104320

**Sharma, T. see Sarangi, S.K.**  
(21) 2021104362

**Sharma, V. see Varshney, A.**  
(21) 2021104449

**Sharma, R. see Mantry, S.**  
(21) 2021104457

**Sharma, U. see Nayak, P.**  
(21) 2021104473

**Sharma, H. see Gupta, V.**  
(21) 2021104513

**Sharma, V. see Khare, A.**  
(21) 2021104517

**Sharma, K. see TAHASIN, Z.**  
(21) 2021104539

**Sharma, P. see Pandit, K.**  
(21) 2021104722

**Sharma, B.B. see Vadi, V.R.**  
(21) 2021104760

**Sharma, P. see Dubey, R.**  
(21) 2021104849

**Sharma, A. see Mishra, J.N.**  
(21) 2021104882

**Sharma, S. see Ramaiah, N.S.**  
(21) 2021104883

**Sharma, A. see Borole, Y.D.**  
(21) 2021104901

**Sharma, S. see Solanki, U.**  
(21) 2021104902

**Sharma, V. see Rastogi, S.**  
(21) 2021104945

(71) Sharma, M.; Rathore, V.S.; Kumar  
Sharma, M.  
(21) 2021104947 (22) 04.08.2021  
(54) IASS- IOT BASED ATM SECURITY  
SYSTEM AND A METHOD THEREOF

**SHARMA, S. see ARORA, S.**  
(21) 2021104456

**SHARMA, S. see Tiwari, S.**  
(21) 2021104509

**SHASHIDHAR, K. see REDDY, D.K.**  
(21) 2021104364

(71) Shashvat, K.; Goyal, N.; Guleria, K.;  
Kumar, S.; Sharma, V.; Angurala, M.;  
Aggarwal, M.; Chaudhary, M.; Nain, M.  
(21) 2021104283 (22) 18.07.2021  
(54) INTERNET OF THINGS ENABLED  
SMART SHOES

**SHAVALI, T. see REDDY, D.K.**  
(21) 2021104364

**Sheetlani, J. see Kumar, A.**  
(21) 2021104892

**shekhar yadav, C. see Sheshar Singh, S.**  
(21) 2021104537

**Shelke, D.B. see Totewad, N.D.**  
(21) 2021104516

**SHEN, Y. see ZHOU, J.**  
(21) 2021104240

**Shenoy, S.J. see Raj, R.**  
(21) 2021104933

**Shenoy, S.J. see Mony, M.P.**  
(21) 2021104953

**Sherine, S.A. see Vadi, V.R.**  
(21) 2021104760

(71) Sheshar Singh, S.; Srivastava, D.;  
shekhar yadav, C.; Singh, D.; Kaur, M.  
(21) 2021104537 (22) 24.07.2021  
(54) A RELEVANCE FEEDBACK-BASED  
QUERY EXPANSION METHOD USING

BORDA COUNT AND SEMANTIC SIM-  
ILARITY APPROACH

(71) SHIJIAZHUANG TECHNOLOGY  
CENTER FOR CUSTOMS DISTRICT  
P.R.CHINA; BEIJING RESEARCH  
CENTER FOR AGRICULTURAL  
STANDARDS AND TESTING; North  
China Electric Power University  
(21) 2021105058 (22) 06.08.2021  
(54) RAPID VISUAL COLORIMETRIC DE-  
TECTION METHOD FOR ENVIR-  
ONMENTAL POLLUTANT SULFIDE  
IONS BASED ON PEROXIDASE-LIKE  
DNAZYME

**SHIJIAZHUANG TECHNOLOGY CENTER  
FOR CUSTOMS DISTRICT P.R.CHINA see  
BEIJING RESEARCH CENTER FOR AGRIC-  
CULTURAL STANDARDS AND TESTING**  
(21) 2021105059

**Shimbre, D.M. see Totewad, N.D.**  
(21) 2021104516

**Shinde, S.U. see Mehbodniya, A.**  
(21) 2021104408

**Shiva, C.K. see Hemalatha, S.**  
(21) 2021104564

**Shoab, A. see Mishra, S.**  
(21) 2021104776

**Shrivastava, V. see CHANDNANI, N.**  
(21) 2021104217

**Shrivastava, R. see Kapoor, S.**  
(21) 2021104353

(71) Shrivastava, P.; Jain, T.; Kumawat, R.  
(21) 2021104510 (22) 23.07.2021  
(54) A METHOD AND SYSTEM FOR TEST-  
ING AND VALIDATING THE DIRECT  
AMPLIFICATION PROTOCOL

**Shrivastava, A. see Borole, Y.D.**  
(21) 2021104901

**Shrivastava, A. see Solanki, U.**  
(21) 2021104902

**Shrivastava, Y. see Gupta, T.K.**  
(21) 2021104976

**Shrivastava, S. see Dash, S.**  
(21) 2021104943

Innovation Patent Applications Filed - Name Index cont'd

Shukla, R. see Ghorai, T.K.  
(21) 2021104511

Shukla, P. see Jhaveri, R.  
(21) 2021104683

Shukla, P. see Kaushal, C.  
(21) 2021104769

(71) Sichuan Agricultural University  
(21) 2021105126 (22) 09.08.2021  
(54) Agricultural irrigation system based on  
the Internet of Things

Siddiq, A. see Selvan, M.P.  
(21) 2021104502

Siddique, M. see Hemalatha, S.  
(21) 2021104564

Sijaria, D. see Raaza, A.  
(21) 2021104384

Singh, D. see Varshney, A.  
(21) 2021104113

Singh, T. see Bhattacharya, R.  
(21) 2021104119

Singh, G. see CHANDNANI, N.  
(21) 2021104217

Singh, D.K. see Chhabra, G.  
(21) 2021104281

Singh, S. see Dubey, N.  
(21) 2021104320

Singh, N. see Kapoor, S.  
(21) 2021104353

Singh, T.R. see Prajapati, S.K.  
(21) 2021104416

Singh, A.K. see Pattanayak, B.K.  
(21) 2021104507

Singh, D.K. see Kediya, S.O.  
(21) 2021104512

Singh, S. see Gupta, V.  
(21) 2021104513

Singh, A. see Totewad, N.D.  
(21) 2021104516

Singh, P. see Tyagi, S.  
(21) 2021104533

Singh, D. see Sheshar Singh, S.  
(21) 2021104537

Singh, S. see Kanojia, N.  
(21) 2021104538

Singh, M. see Kanojia, N.  
(21) 2021104538

Singh, S. see Hemalatha, S.  
(21) 2021104564

Singh, R. see Hemalatha, S.  
(21) 2021104564

Singh, K. see KUSHWAHA, N.  
(21) 2021104569

Singh, S. see Raj, S.  
(21) 2021104585

Singh, K. see D'Souza, A.  
(21) 2021104613

Singh, D. see K C, B.R.  
(21) 2021104673

Singh, S.P. see Khandige, P.S.  
(21) 2021104698

Singh, C. see Prasada G S, S.V.  
(21) 2021104724

Singh, K. see Chansoriya, M.  
(21) 2021104731

Singh, A. see Vyas, S.  
(21) 2021104783

Singh, D. see Dubey, R.  
(21) 2021104850

Singh, A.P. see Mishra, J.N.  
(21) 2021104882

Singh, A. see Gupta, A.K.  
(21) 2021104894

Singh, G. see Gupta, A.K.  
(21) 2021104894

Singh, K. see Borole, Y.D.  
(21) 2021104901

Singh, N.C. see Borole, Y.D.  
(21) 2021104901

Singh, V.K. see Srivastava, A.  
(21) 2021104914

Singh, P. see Srivastava, A.  
(21) 2021104914

Singh, R. see Srivastava, A.  
(21) 2021104914

Singh, K. see Srivastava, A.  
(21) 2021104914

Singh, M. see Mishra, A.  
(21) 2021104954

Singh, A. see Mishra, A.  
(21) 2021104954

SINGH, S. see SINGH, P.  
(21) 2021104120

(71) SINGH, P.; SINGHAL, P.; YADAV, A.;  
PANDEY, A.; KHAN, B.; SINGH, S.;  
FATMA, N.  
(21) 2021104120 (22) 14.07.2021  
(54) A SYSTEM AND METHOD FOR PER-  
FORMING SECURE TRANSACTION  
IN ATM USING REMOTE PIN LOGIN

SINGH, A. see Tiwari, S.  
(21) 2021104509

SINGH, S.K. see SHAHI, S.  
(21) 2021104729

(71) Singhal, R.; Sengar, A.; Prakash, V.P.;  
Agrawal, M.  
(21) 2021104261 (22) 16.07.2021  
(54) A METHOD AND SYSTEM FOR ES-  
TIMATING TWO-COLORABILITY FOR  
CONFLICT-FREE COLORING

Singhal, N. see Tirumishi Jada, D.

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021104402

**SINGHAL, P. see SINGH, P.**  
(21) 2021104120

**Singh Gill, H. see Gill, J.S.**  
(21) 2021104950

**Sinha, S.K. see Chatterjee, A.**  
(21) 2021104630

**SINHA, A. see Hindustan Institute of Technology and Science**  
(21) 2021104896

(71) Sinosteel Nanjing New Materials Research Institute Co., Ltd.  
(21) 2021105020 (22) 05.08.2021  
(54) RAPID FILTER DEVICE FOR WATER SAMPLE PRETREATMENT IN ENVIRONMENT MONITORING LABORATORY

(71) Sinosteel Nanjing New Materials Research Institute Co., Ltd.  
(21) 2021105064 (22) 06.08.2021  
(54) CHEMICAL REAGENT STORAGE SYSTEM FOR BOTTLES WITH RFID CHIP TAGS  
(31) 2021217413721 (32) 29.07.21 (33) CN

(71) Sinosteel New Materials Co., Ltd.  
(21) 2021105022 (22) 05.08.2021  
(54) SAMPLING EFFICIENCY TEST APPARATUS FOR VOLATILE ORGANIC COMPOUNDS IN AIR

**SITA, D.N.V. see Naidu, C.**  
(21) 2021104122

**Sivaraju., S. see Malviya, M.**  
(21) 2021104313

**S M, S. see Chandel, S.S.**  
(21) 2021104540

**Smith, M. see Beck, J.**  
(21) 2021105198

**Soans, S.V. see Pandit, K.**  
(21) 2021104722

**Sobhan, P.K. see Raj, R.**  
(21) 2021104930

**Sobhan, P.K. see Raj, R.**  
(21) 2021104933

**Sobhan, P.K. see Mony, M.P.**  
(21) 2021104953

**Solanki, S. see Kaushal, C.**  
(21) 2021104769

(71) Solanki, U.; Lata, R.; Borole, Y.D.; Shrivastava, A.; Rinawa, M.L.; Sharma, S.; K.N, J.; Chauhan, D.; Bhavani, K.D.; Bhattacharya, S.; Rizwanullah, M.; Pal-lathadka, H.  
(21) 2021104902 (22) 04.08.2021  
(54) A HUMAN RESOURCE MANAGEMENT SYSTEM BY PROGRAMMING LANGUAGE AND DATABASE TO IMPLEMENT THE SYSTEM.

**Somnathe, T. see Kediya, S.O.**  
(21) 2021104512

**Sonawane, H.B. see Totewad, N.D.**  
(21) 2021104516

**Sonawane, S. see Patil, N.**  
(21) 2021104628

**Sonekar, S.V. see Pattanayak, B.K.**  
(21) 2021104507

**Soni, V.K. see Chhabra, G.**  
(21) 2021104281

**Soni, M. see Kaushal, C.**  
(21) 2021104769

**Soni, R. see Dubey, R.**  
(21) 2021104849

**Soodan, V. see Prabhu Matti, N.B.**  
(21) 2021104840

**Soren, S. see Gholap, S.S.**  
(21) 2021104635

(71) South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Guangdong Baiwei Biological Technology Co., Ltd.; Guangdong Shun Xin Ocean Fishery Group Co., Ltd.  
(21) 2021104991 (22) 05.08.2021  
(54) Preparation Method for Tilapia (*Oreochromis niloticus*) Calcium ion-binding peptides and Application thereof

(71) South China Sea Fisheries Research Institute Chinese Academy of Fishery

Sciences; Guangdong Shun Xin Sea Fishery Group Co., Ltd.

(21) 2021105121 (22) 09.08.2021  
(54) Application of seaweed polyphenols in inhibiting the activity of histidine decarboxylase from *P. phosphoreum*

(71) South China Sea Institute of Oceanology, Chinese Academy of Sciences; Sanya Institute of Oceanology, SCSIO  
(21) 2021104959 (22) 05.08.2021  
(54) A DEVICE AND METHOD FOR MEASURING ACOUSTIC CHARACTERISTICS OF RADIAL STRATIFICATION OF SEAFLOOR SEDIMENTS  
(31) 2021106543779 (32) 11.06.21 (33) CN

**South China University of Technology see huaiyin normal university**  
(21) 2021104913

(71) Southwest university  
(21) 2021104458 (22) 22.07.2021  
(54) a high-consistency physical key generation method based on neural network

(71) Southwest university  
(21) 2021104460 (22) 23.07.2021  
(54) an electromagnetic attack method of AES cryptographic chip based on neural network

(71) Southwest University  
(21) 2021104723 (22) 29.07.2021  
(54) Secure Distributed Estimation over Multitask Networks Against Time-varying Attacks

(71) Southwest University  
(21) 2021104725 (22) 29.07.2021  
(54) A diffusion adaptive-mixed-Gaussian-loss-based(d-AMGL) algorithms for distributed estimation

(71) Southwest University  
(21) 2021104726 (22) 29.07.2021  
(54) An adaptive malicious punishment diffusion Least Mean Square (LMS) algorithm under adversarial attack.

**SOWMYA, K. see RAJU, T.A.**  
(21) 2021104928

**S Raj, K. see Kumar, P.**  
(21) 2021104504

(71) S Raj, K.; Kumar, P.  
(21) 2021104505 (22) 23.07.2021  
(54) A WATER ACCESSIBILITY PREDICTION MODELING METHOD BASED ON MACHINE LEARNING

Innovation Patent Applications Filed - Name Index cont'd

**Sreedhar, K. see Swathi, M.**  
(21) 2021104763

**Sreeja, P. see Hindustan Institute of Technology and Science**  
(21) 2021104584

**SREEJA, P.S. see Hindustan Institute of Technology and Science**  
(21) 2021104896

**Srikant, S.S. see Mani, P.**  
(21) 2021104519

**Srilakshmi, V. see Patro, P.**  
(21) 2021104757

**Srinivas, Y. see Devi, A.**  
(21) 2021104274

**SRINIVAS, M. see SESHIAIAH, N.**  
(21) 2021104125

(71) Srinivasan, A.  
(21) 2021104779 (22) 31.07.2021  
(54) A rough fuzzy region-based bounded support fuzzy C-means clustering method for segmenting brain MR image

(71) Srinivasan, A.  
(21) 2021104780 (22) 31.07.2021  
(54) A SYSTEM AND METHOD FOR IMPROVED VIDEO CODING TECHNIQUE FOR DEEP LEARNING-BASED VIDEO TRANSMISSION

**Srivastava, S. see Sharma, S.**  
(21) 2021104218

**Srivastava, D. see Kushwaha, S.K.S.**  
(21) 2021104270

**Srivastava, A. see Verma, A.**  
(21) 2021104276

**Srivastava, M. see Wal, A.**  
(21) 2021104311

**Srivastava, D. see Kapoor, S.**  
(21) 2021104353

**Srivastava, A. see Tyagi, S.**  
(21) 2021104533

**Srivastava, D. see Sheshar Singh, S.**  
(21) 2021104537

**Srivastava, R. see Saxena, C.**  
(21) 2021104758

**Srivastava, M. see Wal, A.**  
(21) 2021104884

(71) Srivastava, A.; Singh, V.K.; D'Souza, A.; Singh, P.; Singh, R.; Singh, K.  
(21) 2021104914 (22) 04.08.2021  
(54) SYNTHESIS OF 2-BENZYL BENZO[d]THIAZOLE-6-SULFONAMIDE DERIVATIVES AS POTENTIAL ANTI-INFLAMMATORY AGENT

**Srividhya, V. see Sujatha, K.**  
(21) 2021104536

**Stalin, N. see Chitrakala, G.**  
(21) 2021104665

**State Grid Corporation of China see Anshan Power Supply Company, State Grid Liaoning Power Co., Ltd.**  
(21) 2021104984

(71) Stephen, B.  
(21) 2021105203 (22) 10.08.2021  
(54) A PRUNING MACHINE WITH A MULCHING HEAD  
(62) 2021209175

(71) Stephen, B.  
(21) 2021105205 (22) 10.08.2021  
(54) A PRUNING MACHINE WITH A CORDON CUTTER  
(62) 2021209175

**Stramana, F. see D'Amato, J.P.**  
(21) 2021104124

**SU, Y. see BAI, B.**  
(21) 2021104235

**SU, H. see BAI, B.**  
(21) 2021104235

(71) SU, H.; SHAO, J.; ZOU, X.  
(21) 2021104241 (22) 16.07.2021  
(54) Research progress on smart responsive nanocarrier systems for drug delivery

**SUBRAHMANYAM, P.S. see BAPIRAJU, K.**  
(21) 2021104121

**Subramani, T. see Raj, S.**  
(21) 2021104585

**Subramanian, M. see Pandit, K.**  
(21) 2021104722

**Subramanian, M. see Ramaiah, N.S.**  
(21) 2021104883

**Subudhi, S. see Acharya, B.**  
(21) 2021104312

**SudalaiMuthu, D.T. see and Science, H.I.T.**  
(21) 2021104586

**Sudha, M. see Suresh, B.**  
(21) 2021104770

**SUDHAKAR, S. see SESHIAIAH, N.**  
(21) 2021104125

(71) Sujatha, K.; G.Bhavani, N.; KALAIVANI, A.; Rekha, K.S.; Khilar, R.; R, S.; Jhansi, G.; HEMALATHA, N.; Srividhya, V.; C, K.  
(21) 2021104536 (22) 24.07.2021  
(54) A METHOD AND SYSTEM FOR DETECTING ENDOMETRIAL CANCER

**SULTANA, F. see ARORA, S.**  
(21) 2021104456

**SULTANA, F. see Tiwari, S.**  
(21) 2021104509

**Suman, S. see Sarangi, S.K.**  
(21) 2021104362

**SUN, W. see LI, Z.**  
(21) 2021104243

(71) SUPER FOODS NEW ZEALAND LIMITED  
(21) 2021104464 (22) 23.07.2021  
(54) A chewable tablet with calcium and vitamin D and preparation method thereof

(71) Suresh, B.; Parthiban, S.; Lavanya, G.; Amin, R.; Aggarwal, S.; Mahboob, A.; Angayarkanni, A.; Padmasini, C.S.; Muthulakshmi, A.; Sudha, M.; M, H.; S. B., A.  
(21) 2021104770 (22) 31.07.2021  
(54) THE SYSTEM AND METHOD FOR HEALTH WORKFLOW TRAINING

Innovation Patent Applications Filed - Name Index cont'd

BY USING DEEP LEARNING NETWORKS.

**SUSEELA, K. see REDDY, D.K.**  
(21) 2021104364

**Suthar, A. see Malviya, M.**  
(21) 2021104313

**SUTKAR, P.S. see Devarajan, B.**  
(21) 2021104525

(71) SUZHOU NACHUANGJIA ENVIRONMENTAL TECHNOLOGY ENGINEERING CO., LTD.  
(21) 2021104672 (22) 28.07.2021  
(54) A FREEZE-DRYER FOR METAL-ORGANIC FRAMEWORKS CONVENIENT DISCHARGING

(71) Suzhou Yinque Intelligent Technology Co., Ltd.  
(21) 2021105199 (22) 10.08.2021  
(54) KNAPSACK TYPE BREATHING MACHINE  
(31) 202110024652.9 (32) 08.01.21 (33) CN

**Swain, D. see Patro, P.**  
(21) 2021104757

(71) Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT)  
(21) 2021104782 (22) 01.08.2021  
(54) Internet of Things (IoT) sensors-based system for child monitoring & method thereof

**SWARNKAR, S.K. see RASOOL, S.**  
(21) 2021104545

(71) Swathi, M.; Sreedhar, K.; Rohita, Y.; Bhukya, S.; Kumar, N.  
(21) 2021104763 (22) 30.07.2021  
(54) An Improved Web Information System Through Identification of Faculty Browsing Patterns

**T, J. see Raaza, A.**  
(21) 2021104384

**Tabish, M. see Mishra, S.**  
(21) 2021104776

(71) TAGR HOLDINGS PTY LTD  
(21) 2021104869 (22) 03.08.2021  
(54) CONTACTLESS PAYMENT AND MOBILE SELF-CHECKOUT

(71) TAHASIN, Z.; Pamba, R.; Jain, S.; Sharma, K.; Badlani, M.; Shabaz, M.; Kumar, P.; Aftab, M.; Nazila, R.; Vugar, A.  
(21) 2021104539 (22) 25.07.2021  
(54) A patient monitoring system based on block chain

(71) Taiyuan University of Technology  
(21) 2021104986 (22) 05.08.2021  
(54) Multi-frequency Acoustic Emission and Acquisition Device and Method Suitable for Small-size Rock Test Piece

(71) Taiyuan University of Technology  
(21) 2021105046 (22) 06.08.2021  
(54) Method for rapid heating, gasification and combustion of coal under CO<sub>2</sub> enriched high-pressure environment

**Talreja, S. see Tyagi, S.**  
(21) 2021104533

**TALREJA, S. see Tiwari, S.**  
(21) 2021104509

**Tambe, P.R. see Selvan, M.P.**  
(21) 2021104502

**Tande, S.N. see Bamane, R.R.**  
(21) 2021104588

**TANWAR, N. see Nigam, A.**  
(21) 2021104350

**TARIQ, M. see ANSARI, S.**  
(21) 2021104115

**Tatrari, G. see Sahoo, N.G.**  
(21) 2021104582

**Teacher, R. see Kapoor, S.**  
(21) 2021104353

(71) Techtronic Cordless GP  
(21) 2021104983 (22) 05.08.2021  
(54) Blade replacement mechanism of electric instrument  
(31) 202021965628.2 (32) 10.09.20 (33) CN  
202120335406.0 05.02.21 CN

**Tegala, S. see Vadi, V.R.**  
(21) 2021104760

**TEJA, G. see BAPIRAJU, K.**  
(21) 2021104121

**Telkar, B. see Dhiman, G.**  
(21) 2021104321

**Tewari, R. see Hemalatha, S.**  
(21) 2021104564

**Tewari, C. see Sahoo, N.G.**  
(21) 2021104582

(71) Thakkar, K.; Gudi, S.Z.  
(21) 2021104581 (22) 26.07.2021  
(54) REACH THE UNREACHED- A SINGLE WINDOW SYSTEM FOR HEALTH CARE SCHEMES OF CENTRAL GOVERNMENT AND STATE GOVERNMENT  
(31) 202121025824 (32) 10.06.21 (33) IN

**Thangaraju, S. see Hindustan Institute of Technology and Science**  
(21) 2021104587

**Thangavel, K. see Maniraj, J.**  
(21) 2021104771

(71) The 1st Affiliated Hospital of Kunming Medical University  
(21) 2021104577 (22) 26.07.2021  
(54) SDF-1 INDUCED RABBIT KNEE OSTEOARTHRITIS MODEL BUILDING DEVICE

(71) The Affiliated Wuxi Maternity  
(21) 2021104748 (22) 30.07.2021  
(54) 188Re-labelled Folic Acid Coupled Cisplatinum Magnetic Albumin Compound Nano-particle as well as Preparation Method and Application Thereof

(71) THE FIRST AFFILIATED HOSPITAL OF XIAMEN UNIVERSITY  
(21) 2021104632 (22) 27.07.2021  
(54) INTELLIGENT FLASHLIGHT CONVENIENT FOR EXAMINING CONTRACTED AND DILATED PUPILS OF PATIENT  
(31) 202110536837.8 (32) 17.05.21 (33) CN

(71) The Third Xiangya Hospital of Central South University  
(21) 2021104381 (22) 21.07.2021  
(54) A METHOD FOR DETECTING KIDNEY DISEASE BASED ON BIG DATA

**Thimmaiah, S. see Tirumishi Jada, D.**  
(21) 2021104402

(71) Thimmaraju, M.K.; Babu, G.S.; Kumar, B.P.; Kumar, D.; Arjun, G.  
(21) 2021104266 (22) 17.07.2021

## Innovation Patent Applications Filed - Name Index cont'd

- (54) ENHANCED EFFECTIVENESS OF MELOXICAM THROUGH HYDROGEL FORMULATIONS
- 
- Thimmaraju, M.K. see Kumar, B.P.**  
(21) 2021104955
- 
- (71) Thomas, A.J.  
(21) 2021105039 (22) 05.08.2021  
(54) ANTIVIRO ANTIVIRAL SHOPPING TROLLEY HAND GRIPS
- 
- (71) Tianjin University  
(21) 2021104994 (22) 05.08.2021  
(54) Driving Device for a Solid Three-Dimensional Digital Sand Table and Control System Thereof
- 
- (71) Tirumishi Jada, D.; Pasupuleti, V.R.; Goyal, S.B.; Thimmaiah, S.; Balakrishnan, I.T.; Ponkoodalingam, K.; Durairaj, U.; Kamal, M.R.; Mohd Soom, M.A.; Singhal, N.  
(21) 2021104402 (22) 21.07.2021  
(54) INTERNET OF THINGS BASED SMART IRRIGATION SYSTEM FOR WATER RESOURCE MANAGEMENT
- 
- Tiwari, P. see Kushwaha, S.K.S.**  
(21) 2021104270
- 
- Tiwari, M. see Wal, P.**  
(21) 2021104295
- 
- Tiwari, R. see Dubey, N.**  
(21) 2021104320
- 
- (71) Tiwari, S.; ARORA, S.; SHARMA, S.; TALREJA, S.; SULTANA, F.; SINGH, A.; BHATT, V.  
(21) 2021104509 (22) 23.07.2021  
(54) A herbal ayurvedic formulation for improving Insulin Resistance in gestational Diabetes Mellitus
- 
- Tiwari, A. see Rajpoot, V.**  
(21) 2021104518
- 
- Tiwari, S. see Tyagi, S.**  
(21) 2021104533
- 
- Tiwari, H. see Sahoo, N.G.**  
(21) 2021104582
- 
- Tiwari, A.K. see K C, B.R.**  
(21) 2021104673
- 
- Tiwari, G. see Gupta, A.K.**
- (21) 2021104894
- 
- Tiwari, R. see Gupta, A.K.**  
(21) 2021104894
- 
- (71) Totewad, N.D.; Singh, A.; Shimbre, D.M.; Shelke, D.B.; Sonawane, H.B.; Pawar, O.B.; Padhen, S.S.  
(21) 2021104516 (22) 24.07.2021  
(54) A POWDERED FOOD PRESERVATIVE COMPOSITION AND METHOD OF PREPARATION
- 
- (71) Trad, B.  
(21) 2021105142 (22) 09.08.2021  
(54) Prefabricated panelised skylight
- 
- Tripathi, D. see Verma, A.**  
(21) 2021104276
- 
- Tripathi, N. see Verma, A.**  
(21) 2021104276
- 
- Tripathi, R.B. see Jha, S.K.**  
(21) 2021104419
- 
- Trivedi, V. see Rajpoot, V.**  
(21) 2021104518
- 
- Trivedi, S.K. see Vadi, V.R.**  
(21) 2021104760
- 
- Tuli, P. see Bhattacharya, R.**  
(21) 2021104119
- 
- (71) Tyagi, S.; Srivastava, A.; Singh, P.; Saxena, G.; Tiwari, S.; Talreja, S.  
(21) 2021104533 (22) 24.07.2021  
(54) SEMISYNTHETIC DERIVATIVES OF NATURAL ORIGIN AS A POTENTIAL ANTIPSYCHOTIC AGENT.
- 
- Tyagi, S. see Chandel, S.S.**  
(21) 2021104540
- 
- Tyagi, S. see Khandige, P.S.**  
(21) 2021104698
- 
- Uddin, A.B.M.H. see K, H.J.**  
(21) 2021104915
- 
- Umar, S. see Mehbodniya, A.**  
(21) 2021104408
- 
- (71) Undru, V.B.; Molakatala, N.; Raju, T.S.; Krishna M, R.  
(21) 2021104765 (22) 30.07.2021  
(54) A METHOD FOR PREVENTING FRAUDULENT PRACTICES IN DISPENSING UNIT
- 
- (71) Unnisa, A.; Mohamed, J.M.; Vijaya, R.; Shaik, R.A.; Khan, K.A.; Mohammed, I.A.; Kumar, V.K.; Konatham, T.K.R.; Vallakeerthi, N.; Sathula, A.  
(21) 2021104766 (22) 30.07.2021  
(54) A VIBRO-THERMAL GLOVE FOR PARALYZED PATIENTS
- 
- Upadhyay, A. see Mishra, N.**  
(21) 2021104532
- 
- Uparkar, S.S. see Kediya, S.O.**  
(21) 2021104512
- 
- Upasani, C.D. see Prajapati, S.K.**  
(21) 2021104416
- 
- (71) Upreti, K.; Alhameed, M.H.; Alam, M.S.; Nasir, M.S.  
(21) 2021104790 (22) 01.08.2021  
(54) A METHOD FOR PREDICTING AND EARLY WARNING OF MENTAL DISORDERS USING NEURAL NETWORKS  
(31) 202111030176 (32) 05.07.21 (33) IN
- 
- Urkude, S.A. see Selvan, M.P.**  
(21) 2021104502
- 
- Urkude, A.M. see Selvan, M.P.**  
(21) 2021104502
- 
- Usman, M. see Mishra, A.**  
(21) 2021104954
- 
- (71) V, B.; S, R.; D., J.; SHAJAHAN, M.I.; P, P.; K., S.; P, R.; ALI, Z.; P, P.; D. S., J.; D., H.; V., J.  
(21) 2021104286 (22) 18.07.2021  
(54) A NEW APPROACH TO ELIMINATING CARBON PARTICLES FROM DIESEL EXHAUST
- 
- V, M.P. see Devarajan, B.**  
(21) 2021104525
- 
- V., J. see V, B.**  
(21) 2021104286
- 
- V.K, R. see Ramaiah, N.S.**  
(21) 2021104883



Innovation Patent Applications Filed - Name Index cont'd

(71) Vadi, V.R.; Nayak, B.; Tegala, S.; Peter, G.; Sherine, S.A.; Murali, M.; Jain, S.; Lanjewar, S.F.; Mohan, V.; Sharma, B.B.; Trivedi, S.K.  
(21) 2021104760 (22) 30.07.2021  
(54) ARTIFICIAL NEURAL NETWORKS BASED OPTIMAL CONTROL OF SMART GRIDS

Vaidya, A. see Paul, I.  
(21) 2021104768

(71) Vaishali, K.; Kumar, S.A.; Manjula, A.  
(21) 2021104318 (22) 19.07.2021  
(54) A SYSTEM AND A METHOD FOR ANALYZING COPLANAR WAVEGUIDE FEED DIVERSITY

Vajpai, I. see Ramaiah, N.S.  
(21) 2021104883

Vallakeerthi, N. see Unnisa, A.  
(21) 2021104766

VAMSI KRISHNA, B. see SESHIAIAH, N.  
(21) 2021104125

Vankara, J. see Sarangi, S.K.  
(21) 2021104362

VARMA, C. see Naidu, C.  
(21) 2021104122

VARMA, Y. see SESHIAIAH, N.  
(21) 2021104125

(71) Varshney, A.; Singh, D.; Saxena, R.  
(21) 2021104113 (22) 13.07.2021  
(54) MINIATURIZED DODECA-GON-SHAPED DELTA LOADED MONOPOLE ANTENNA FOR Wi-MAX, ISM AND 5G-WIRELESS APPLICATIONS

(71) Varshney, A.; Sharma, V.  
(21) 2021104449 (22) 22.07.2021  
(54) NATURE INSPIRED CLAW-SHAPED ULTRA WIDEBAND FRACTAL ANTENNA LOADED WITH SRR FOR SUB-6 GHZ AND ITU-8 GHZ BANDS APPLICATIONS

Vatsa, E. see Khandige, P.S.  
(21) 2021104698

Vayaravel, C. see R, M.  
(21) 2021104675

Vedik, B. see Hemalatha, S.  
(21) 2021104564

VEERAMANI, R. see Hindustan Institute of Technology and Science  
(21) 2021104897

Venaik, A. see Mehbodniya, A.  
(21) 2021104408

Venaik, A. see H, A.  
(21) 2021104431

Venugopal, J. see Janardhana, K.  
(21) 2021104116

Venugopal, J. see Maniraj, J.  
(21) 2021104771

Verma, B. see Gupta, S.  
(21) 2021104112

Verma, K. see CHANDNANI, N.  
(21) 2021104217

Verma, S. see CHANDNANI, N.  
(21) 2021104217

Verma, A. see Sharma, S.  
(21) 2021104218

(71) Verma, A.; Mishra, P.; Srivastava, A.; Tripathi, D.; Tripathi, N.; Kumar, A.  
(21) 2021104276 (22) 17.07.2021  
(54) RECTAL DRUG DELIVERY SYSTEM USING HERBAL

Verma, B. see Chaurasia, M.A.  
(21) 2021104282

Verma, S.K. see Wal, P.  
(21) 2021104285

Verma, A. see Wal, P.  
(21) 2021104295

Verma, R.K. see Nayak, P.  
(21) 2021104473

Verma, S. see Mishra, N.  
(21) 2021104532

(71) Verma, D.; Mantry, S.; Bhowmick, M.; Martha, S.K.; Jaiswal, H.; Kumar, A.  
(21) 2021104541 (22) 25.07.2021  
(54) A NOVEL FORMULATION OF SILY-MARIN FOR TREATMENT OF HEPATITIS

Verma, N.K. see Das, S.  
(21) 2021104575

Verma, P. see K, H.J.  
(21) 2021104915

Verma, D. see Roy, N.  
(21) 2021104949

VIGHNESH, D. see BAPIRAJU, K.  
(21) 2021104121

Vijaya, R. see Unnisa, A.  
(21) 2021104766

Vijayakumari, P.K. see Raj, R.  
(21) 2021104930

Vijayakumari, P.K. see Raj, R.  
(21) 2021104933

Vijayakumari, P.K. see Mony, M.P.  
(21) 2021104953

VINAY, D. see BAPIRAJU, K.  
(21) 2021104121

Vinodhini, Y. see Maniraj, J.  
(21) 2021104771

Virmani, D. see Raj, S.  
(21) 2021104585

Vishnoi, M.K. see Mani, P.  
(21) 2021104519

Vugar, A. see TAHASIN, Z.  
(21) 2021104539

(71) Vyas, S.; Pramanik, P.; Pal, S.; Singh, A.; Nayyar, A.; Alsulami, M.  
(21) 2021104783 (22) 01.08.2021  
(54) AN ARTIFICIAL INTELLIGENCE BASED IOT ENABLED DROWSINESS DETECTION SYSTEM

Wadhwa, S. see Wal, A.  
(21) 2021104311

Innovation Patent Applications Filed - Name Index cont'd

**Wadhwa, S. see Wal, A.**

(21) 2021104884

(71) Wal, P.; Jawaid, T.; Verma, S.K.; Goyal, P.K.; K, H.J.; Awasthi, H.

(21) 2021104285 (22) 18.07.2021

(54) AN INNOVATIVE BIOLUMINESCENCE DIGITAL CAGE FOR BEHAVIORAL ANALYSIS OF RODENTS

(71) Wal, P.; Sharma, P.; Verma, A.; Tiwari, M.; Patil, V.M.; Kumar, V.

(21) 2021104295 (22) 19.07.2021

(54) AN INNOVATIVE BIOACTIVE DRESSING FOR TREATING WOUNDS USING HERBS & COW URINE.

(71) Wal, A.; Bansal, S.K.; Gupta, S.K.; Garg, V.K.; Wadhwa, S.; Srivastava, M.

(21) 2021104311 (22) 19.07.2021

(54) A POLY HERBAL FORMULATION AS A POTENTIAL AGENT FOR TREATMENT IN POLY CYSTIC OVARIAN SYNDROME

**Wal, P. see Dixit, A.**

(21) 2021104521

(71) Wal, A.; Bansal, S.K.; Gupta, S.K.; Garg, V.K.; Wadhwa, S.; Srivastava, M.

(21) 2021104884 (22) 03.08.2021

(54) A Poly Herbal Formulation as A Potential Agent for Treatment in Poly Cystic Ovarian Syndrome

(71) WANG, D.; PAN, K.; PAN, Y.

(21) 2021104236 (22) 16.07.2021

(54) A Method of Federated Learning in Image Classification

**WANG, C. see LI, Z.**

(21) 2021104243

(71) Watson, K.J.

(21) 2021104922 (22) 04.08.2021

(54) A CABLE

(71) Watson, K.J.

(21) 2021104967 (22) 05.08.2021

(54) ALIGNMENT ASSEMBLY

(71) Werxco Pty Ltd

(21) 2021104938 (22) 04.08.2021

(54) Stowable workstations

**Wu, Y. see Liu, Y.**

(21) 2021104830

(71) WU, T.

(21) 2021104239 (22) 16.07.2021

(54) Effects of Ganoderma lucidum fermentation on the main chemical components in mulberry leaves  $\alpha$ - Effects of glucosidase inhibitors on their properties

**WU, D. see KARAMOOZIAN, A.**

(21) 2021104851

**Wuhan Branch of China Railway Bridge Survey and Design Institute Group Co., Ltd. see China Railway 18th Bureau (Group) Co., Ltd.**

(21) 2021104522

(71) Wuhan University

(21) 2021104905 (22) 04.08.2021

(54) Intelligent optimization method of spatial land use allocation

(71) Wuhan University

(21) 2021104932 (22) 04.08.2021

(54) CONDUCTIVE STRUCTURAL ADHESIVE FOR REINFORCEMENT OF CONCRETE STRUCTURE AND PREPARATION METHOD AND APPLICATION

(71) WULFSE, R.

(21) 2021105147 (22) 09.08.2021

(54) PACKAGING FOR BOTTLES AND A METHOD OF PACKAGING A BOTTLE

(71) Wuxi JHT Homewares Co., Ltd.

(21) 2021104887 (22) 03.08.2021

(54) PIPE ARRANGING STRUCTURE FOR WATER HEATING BLANKETS

(31) 202121185884.4 (32) 28.05.21 (33) CN

(71) Xinjiang University

(21) 2021105056 (22) 06.08.2021

(54) Visible light combined azimuth beam positioning method cater to single access point

(71) Xuzhou University Of Technology

(21) 2021104907 (22) 04.08.2021

(54) Microbial Bed with Temperature Regulation

**Yadav, S. see Hemalatha, S.**

(21) 2021104564

**Yadav, R. see Hemalatha, S.**

(21) 2021104564

**Yadav, D. see Hemalatha, S.**

(21) 2021104564

**Yadav, M.K. see KUSHWAHA, N.**

(21) 2021104569

**Yadav, P.K. see K C, B.R.**

(21) 2021104673

**Yadav, S. see Mazumder, A.**

(21) 2021104761

**Yadav, S. see Kaushal, C.**

(21) 2021104769

**Yadav, A. see K, H.J.**

(21) 2021104915

**YADAV, A. see SINGH, P.**

(21) 2021104120

**YAGIREDDI, R. see SAMBANA, B.**

(21) 2021104681

**Yañez, E.C. see Gholap, S.S.**

(21) 2021104635

(71) Yangzhou University

(21) 2021105115 (22) 09.08.2021

(54) Landscape Water-saving Device for Green Space in Parks

**Yanling Guangwei Wood Industry Co. Ltd see Nanjing Forestry University**

(21) 2021104973

**Yanling Guangwei Wood Industry Co. Ltd see Nanjing Forestry University**

(21) 2021104974

**Yanling Guangwei Wood Industry Co. Ltd see Nanjing Forestry University**

(21) 2021105057

**Yerpude, P. see Chhabra, G.**

(21) 2021104281

(71) YI, Z.; HE, J.; HOU, X.

(21) 2021104234 (22) 16.07.2021

(54) A method related to the performance improvement of Schottky diodes with an enhancement layer of silicon-carbon and thickness adjustable layer of tantalum nitride

(71) Yunnan Agricultural University

(21) 2021104576 (22) 26.07.2021

## Innovation Patent Applications Filed - Name Index cont'd

(54) VEGETATION INDEX RESYNTHESIS  
CALCULATING DEVICE

(71) YUNNAN UNIVERSITY

(21) 2021104992 (22) 05.08.2021

(54) A MULTI-MODAL AND VISIBLE MESH-  
FIXING TACK AND A PREPARATION  
METHOD THEREOF

Zaware, S.N. see Ramaiah, N.S.

(21) 2021104883

(71) Zerdani, S.

(21) 2021104319 (22) 20.07.2021

(54) A SYSTEM FOR TRACTION INVERT-  
ER FAULT DETECTION AND A METH-  
OD THEREOF

(71) Zhao, Y.

(21) 2021104934 (22) 04.08.2021

(54) SAMPLING APPARATUS FOR COL-  
LECTING DUSTFALL FROM AMBIENT  
AIR

(31) 2021216170510 (32) 16.07.21 (33) CN

(71) Zhao, Y.; Environment Monitoring Cen-  
ter of Jiangsu Province

(21) 2021104937 (22) 04.08.2021

(54) SAMPLING TANK FOR COLLECT-  
ING AND STORING AMBIENT AIR  
SAMPLES

(31) 2020108358566 (32) 19.08.20 (33) CN

Zhao, Y. see Environment Monitoring Cen-  
ter of Jiangsu Province

(21) 2021105019

(71) Zhejiang citrus research institute

(21) 2021105212 (22) 10.08.2021

(54) LOQUAT FRUIT CANDY AND PRE-  
PARATION METHOD THEREOF

(71) Zhejiang Fangyuan Test Group Co.,  
Ltd.

(21) 2021105035 (22) 06.08.2021

(54) HIGH PERFORMANCE LIQUID CHRO-  
MATOGRAPHY TANDEM MASS  
SPECTROMETRY METHOD FOR DE-  
TERMINING QUATERNARY AMMONI-  
UM SALT IN FOOD PACKAGING PA-  
PER ON THE BASIS OF DISPERSIVE  
SOLID PHASE EXTRACTION

(71) Zhejiang Gongshang University

(21) 2021104988 (22) 05.08.2021

(54) Method for improving decolorization ef-  
fect of fish oil

(71) Zhejiang Gongshang University

(21) 2021104989 (22) 05.08.2021

(54) Method for preparing crude fish oil by  
using fish oil soapstock

(71) Zhejiang Vegamax Biotechnology Co.,  
Ltd.

(21) 2021104910 (22) 04.08.2021

(54) PELLET PREMIX FEED FOR  
AQUACULTURE AND PREPARATION  
METHOD THEREOF

(31) CN (32) 06.08.20 (33) CN  
202010782329.3

(71) Zhengzhou University

(21) 2021104972 (22) 05.08.2021

(54) Polypropylene Fiber Recycled Brick-  
Concrete Coarse Aggregate Concrete  
and its Preparation Method

Zhou, L. see Liu, Y.

(21) 2021104830

(71) ZHOU, J.; LAN, J.; MA, C.; SHEN, Y.

(21) 2021104240 (22) 16.07.2021

(54) Analysis of speech recognition methods  
for deep learning based on artificial in-  
telligence

ZOU, X. see SU, H.

(21) 2021104241

Zunke, S.A. see Pattanayak, B.K.

(21) 2021104507

Numerical Index

<b>2021103795</b>	Phoenix Management Services	<b>2021104264</b>	DANABALA, N.; N, V.; Paulian, K.; Kumar, A.; P, R.; P, P.; Senthilkumar, R.U.; Ali, Z.; J, J.; BeriVenkata, H.; B, S.; G, P.; A, J.
<b>2021104111</b>	QINGDAO AGRICULTURAL UNIVERSITY	<b>2021104265</b>	Bisoyi, B.; Raffik, R.; Saras; Patil, R.; Banerjee, R.; R, K.; Patel, R.K.; Sahu, S.; Bhattacharya, S.; Nath, S.; Gummadi, A.K.; Kumbhkar, M.
<b>2021104112</b>	Gupta, S.; Sakhapara, A.; Pawade, D.; Dongre, S.; Sharma, D.; Saraf, P.; Maidamwar, P.; Giripunje, L.; Bhaladhare, P.; Khobragade, P.; Deshmukh, H.; Lokulwar, P.; Verma, B.	<b>2021104266</b>	Thimmaraju, M.K.; Babu, G.S.; Kumar, B.P.; Kumar, D.; Arjun, G.
<b>2021104113</b>	Varshney, A.; Singh, D.; Saxena, R.	<b>2021104269</b>	N, S.; S, R.; Mokashi, B.
<b>2021104114</b>	Pandurang Wagh, M.	<b>2021104270</b>	Kushwaha, S.K.S.; Kumar, V.; Mantry, S.; Mohanto, S.; Fatma, B.; Tiwari, P.; Srivastava, D.
<b>2021104115</b>	ANSARI, S.; CHANDEL, A.; TARIQ, M.	<b>2021104272</b>	Jiangxi University of Finance and Economics
<b>2021104116</b>	Janardhana, K.; N, V.; G, V.; Malviya, R.K.; Pandian, M.; N, A.C.; S, R.; Murugan, D.K.; R, M.; Venugopal, J.; Padmanabhan, R.G.; B, S.K.G.; Arockiam, A.J.	<b>2021104273</b>	Sharma, H.; Gupta, V.; Kanungo, A.; Kumar, P.; Choubey, C.; Gupta, N.K.
<b>2021104117</b>	SARANGI, S.K.; PANDA, M.; LENKA, R.; CHOWDHURY, M.R.; PATI, D.P.; DASH, A.K.; NANDA, A.; AGASTY, S.	<b>2021104274</b>	Devi, A.; Selvan, N.B.; Srinivas, Y.; Ravitheja, A.; Sashidhar, C.; Jaiswal, S.; Jaiswal, T.; Kiran, P.; Gupta, E.; Goyal, M.
<b>2021104118</b>	Kumar Sharma, D.	<b>2021104275</b>	Mishra, N.; Kaur, N.; Garg, A.; Sharma, S.; Garg, S.; Bhatt, S.
<b>2021104119</b>	Bhattacharya, R.; Chhabra, G.; Dewangan, S.; Singh, T.; Sahu, M.; Tuli, P.; Koshta, V.	<b>2021104276</b>	Verma, A.; Mishra, P.; Srivastava, A.; Tripathi, D.; Tripathi, N.; Kumar, A.
<b>2021104120</b>	SINGH, P.; SINGHAL, P.; YADAV, A.; PANDEY, A.; KHAN, B.; SINGH, S.; FATMA, N.	<b>2021104277</b>	Dhale, A.D.; Modak, J.P.
<b>2021104121</b>	BAPIRAJU, K.; SUBRAHMANYAM, P.S.; NARAYANA, T.; KUMAR, G.; PRASANTH, M.; RONALD, B.; VINAY, D.; NAGARAJU, T.; KIRAN, K.; PRIZELIN, G.; TEJA, G.; PAVANI, Y.; VIGHNESH, D.; SATYANARAYANA, M.; KUMAR, P.	<b>2021104278</b>	Panda, S.; Prasad, S.K.
<b>2021104122</b>	Naidu, C.; Malyadri, T.; Satya, A.; SAI, A.; VARMA, C.; RAJU, C.; KAVYA, C.; SITA, D.N.V.; PRIYA, D.; RAMARAJU, G.V.P.; SAI AKASH, K.; DEVIKA, M.; SAI, N.U.; LIKHITHA, N.; LAKSHMI, R.	<b>2021104279</b>	Rahate, G.; Kaur, M.; Kanwate, A.; Panse, V.
<b>2021104123</b>	A, S.; Meshram, V.	<b>2021104280</b>	Naik, A.V.; Sellappan, K.
<b>2021104124</b>	D'Amato, J.P.; Rubiales, A.; Stramana, F.; Dominguez, L.; Perez, A.	<b>2021104281</b>	Chhabra, G.; Negi, S.K.; Baghel, A.; Singh, D.K.; Chandra, P.K.; Yerpude, P.; Soni, V.K.
<b>2021104125</b>	SESHAIAH, N.; KUMAR, D.; ANIL, K.; CHAITANYA, C.; MANIKANTA, K.; ALI, M.; SUDHAKAR, S.; VAMSI KRISHNA, B.; SRINIVAS, M.; AKASH, B.; CHANDU, G.; SATYA SAI, A.V.; MANIKANTA, R.N.; VARMA, Y.; KARTHIK, D.	<b>2021104282</b>	Chaurasia, M.A.; Verma, B.; Mishra, A.; Kumar, A.; Gupta, S.
<b>2021104146</b>	NAIKODI, C.	<b>2021104283</b>	Shashvat, K.; Goyal, N.; Guleria, K.; Kumar, S.; Sharma, V.; Angurala, M.; Aggarwal, M.; Chaudhary, M.; Nain, M.
<b>2021104214</b>	Mazzocca, A.; Gnocchi, D.; Cavalluzzi, M.M.; Lentini, G.	<b>2021104285</b>	Wal, P.; Jawaid, T.; Verma, S.K.; Goyal, P.K.; K, H.J.; Awasthi, H.
<b>2021104215</b>	Sahayaraj, J.M.	<b>2021104286</b>	V, B.; S, R.; D., J.; SHAJAHAN, M.I.; P, P.; K., S.; P, R.; ALI, Z.; P, P.; D, S., J.; D., H.; V., J.
<b>2021104217</b>	CHANDNANI, N.; Verma, K.; Mangal, A.; Jain, S.; Singh, G.; Verma, S.; Chandani, M.; Godhandaraman, P.; Poongothai, V.; Shrivastava, V.; Sahu, U.; Kar, R.	<b>2021104295</b>	Wal, P.; Sharma, P.; Verma, A.; Tiwari, M.; Patil, V.M.; Kumar, V.
<b>2021104218</b>	Sharma, S.; Srivastava, S.; Bagga, J.; Kumar Nagwani, N.; Dewangan, A.K.; Kumar, K.R.; Chopra, J.; Verma, A.	<b>2021104305</b>	Malviya, R.
<b>2021104234</b>	YI, Z.; HE, J.; HOU, X.	<b>2021104311</b>	Wal, A.; Bansal, S.K.; Gupta, S.K.; Garg, V.K.; Wadhwa, S.; Srivastava, M.
<b>2021104235</b>	BAI, B.; HE, Q.; SU, Y.; CHEN, S.; FU, M.; SU, H.	<b>2021104312</b>	Acharya, B.; Patel, D.K.; Subudhi, S.; Dash, A.; Jamader, A.R.
<b>2021104236</b>	WANG, D.; PAN, K.; PAN, Y.	<b>2021104313</b>	Malviya, M.; M, P.; Suthar, A.; Sivaraju., S.
<b>2021104239</b>	WU, T.	<b>2021104317</b>	NNAMANI, P.O.
<b>2021104240</b>	ZHOU, J.; LAN, J.; MA, C.; SHEN, Y.	<b>2021104318</b>	Vaishali, K.; Kumar, S.A.; Manjula, A.
<b>2021104241</b>	SU, H.; SHAO, J.; ZOU, X.	<b>2021104319</b>	Zerdani, S.
<b>2021104242</b>	Peking University	<b>2021104320</b>	Dubey, N.; Tiwari, R.; Pandey, A.; Sharma, G.S.; Sahu, S.; Deshmukh, D.; Kaur Saluja, J.; Patel, L.; Sharma, R.; Chhawara, S.K.; Mishra, V.; Singh, S.; Mehta, M.; Kumar Nigam, M.; Patel, B.; Dubey, V.
<b>2021104243</b>	LI, Z.; MEI, T.; SUN, W.; WANG, C.	<b>2021104321</b>	Dhiman, G.; Telkar, B.; Shah, J.; Patro, R.; Patro, R.; L, C.; Dutta, P.; Kherwa, P.; R, S.; R, D.
<b>2021104246</b>	NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED	<b>2021104347</b>	K, N.; Joseph, J.; K, S.K.
<b>2021104257</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; JI-ANGHAN UNIVERSITY; LIAONING TECHNICAL UNIVERSITY	<b>2021104350</b>	Nigam, A.; ANJALI.; TANWAR, N.; KUMAR, A.; RAHMAN, M.; RASHID, M.C.; Kumar, A.; Abhishek.; Maggu, P.; Devi, P.
<b>2021104258</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; LIAONING TECHNICAL UNIVERSITY	<b>2021104353</b>	Kapoor, S.; Bhadauria, A.; Kapoor, S.; Saxena, T.; Singh, N.; Srivastava, D.; Teacher, R.; Shrivastava, R.; Gaur, G.S.
<b>2021104260</b>	Dubey, N.; Dubey, V.; Kaur Saluja, J.; Ramarao, T.; Murthy, K.; Pandey, M.K.	<b>2021104357</b>	China Railway 18th Bureau (Group) Co., Ltd.
<b>2021104261</b>	Singhal, R.; Sengar, A.; Prakash, V.P.; Agrawal, M.	<b>2021104358</b>	China Railway 18th Bureau (Group) Co., Ltd.
<b>2021104262</b>	Menon, S.	<b>2021104360</b>	Roorkee College of Engineering
<b>2021104263</b>	KARNAN, B.	<b>2021104361</b>	Raja, S.P.; Kalaiarasan, C.; Sapna, R.
		<b>2021104362</b>	Sarangi, S.K.; Vankara, J.; Deshmukh, M.; Krishna, M.M.; Kanhar, D.; Mohanty, R.; Dixit, P.; Suman, S.; Chaudhary, J.; Sharma, T.

Innovation Patent Applications Filed - Numerical Index cont'd

2021104363	Mantry, S.; Joshi, S.A.; Dama, G.Y.; Pethakar, S.R.; Bhowmick, M.; Bhowmick, P.		
2021104364	REDDY, D.K.; MOHAN, A.; SHASHIDHAR, K.; PRASAD, C.; LAVANYA, K.; LODHI, A.K.; MADHAVI, B.; KHAN, M.S.; R., P.; SHAVALI, T.; AHAMAD, S.; MEHANOOR, S.H.; RAVINDER, O.; QASEEM, M.S.; RAJU, K.; SUSEELA, K.; CHEELA, R.R.; BEGUM, S.F.	2021104513	Naggpure, N.; Gangadhar Narnaje, A.; Kumar Jha, R.; O. Manjare, S.; Meraj, ..
2021104379	Mantry, S.; Bhowmick, M.; Bhowmick, P.; Sahu, D.; Bhunia, A.; Joshi, A.	2021104516	Gupta, V.; Mittal, V.; Sharma, H.; Mittal, M.; Kanungo, A.; Choubey, C.; Diwania, S.; Kumar, R.; Singh, S.
2021104381	The Third Xiangya Hospital of Central South University	2021104517	Totewad, N.D.; Singh, A.; Shimbre, D.M.; Shelke, D.B.; Sonawane, H.B.; Pawar, O.B.; Padhen, S.S.
2021104384	Raaza, A.; A.K, D.R.; Anand, V.; Jacob, A.M.; Alsouli, D.K.S.; JayaKumar, J.P.; Ezzeddine, J.W.; P, A.; Muthuraman, T.S.; Sijaria, D.; T, J.	2021104518	Khare, A.; Sharma, V.; Chansoriya, M.; Agrawal pushp, D.; Dubey, D.; Mishra, J.; Payasi, S.
2021104391	Hunan Normal University	2021104519	Rajpoot, V.; Tiwari, A.; Jalal, A.; Trivedi, V.; Chaturvedi, P.; Gupta, H.
2021104392	Fuan Keming Agricultural Development Co., Ltd.	2021104521	Mani, P.; Srikant, S.S.; Chaurasia, G.S.; K S, K.K.; S, S.K.; Gupta, S.; G, S.; B, S.; Vishnoi, M.K.; K, V.
2021104395	Hunan Normal University; Institute of Subtropical Agriculture, Chinese Academy of Sciences	2021104522	Dixit, A.; Wal, P.; Dixit, R.; Panse, V.R.; Lad, A.B.
2021104396	China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology	2021104523	China Railway 18th Bureau (Group) Co., Ltd.; Wuhan Branch of China Railway Bridge Survey and Design Institute Group Co., Ltd.
2021104399	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University	2021104525	Northwest Agriculture and Forestry University
2021104402	Tirumishi Jada, D.; Pasupuleti, V.R.; Goyal, S.B.; Thimmaiah, S.; Balakrishnan, I.T.; Ponkoodalingam, K.; Durairaj, U.; Kamal, M.R.; Mohd Soom, M.A.; Singhal, N.	2021104525	Devarajan, B.; V, M.P.; N, S.; Gopal, M.K.; Roncevic, I.; Peri, R.; Balkrishna Bite, B.; Seetharaman, S.; R, M.; K, V.; SUTKAR, P.S.
2021104408	Mehbodniya, A.; G, M.; Venaik, A.; Shinde, S.U.; Umar, S.; Pallathadka, H.; N., P.; Das, S.; M, D.; H, P.C.	2021104527	Manipal University Jaipur
2021104416	Prajapati, S.K.; Singh, T.R.; Nayak, P.; Khandige, P.S.; Chandel, S.S.; Upasani, C.D.	2021104528	Manipal University Jaipur
2021104419	Jha, S.K.; Chakraborty, S.; Roy, P.; Dey, S.; Tripathi, R.B.; Fateh, M.V.	2021104529	Manipal University Jaipur
2021104431	H, A.; Maurya, N.; Venaik, A.; Gowri, S.; Mehbodniya, A.; L, S.; Das, S.; Rane, K.P.; R, S.; H, P.C.	2021104532	Mishra, N.; Garg, A.; Ashique, S.; Upadhyay, A.; Verma, S.; Lal, B.
2021104441	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University	2021104533	Tyagi, S.; Srivastava, A.; Singh, P.; Saxena, G.; Tiwari, S.; Talreja, S.
2021104443	Institute of Subtropical Agriculture, Chinese Academy of Sciences	2021104534	Hindustan Institute of Technology and Science; Gokila, S.; Rajeswari, S.
2021104446	Hunan Normal University	2021104535	Hindustan Institute of Technology and Science; Meena, S.
2021104449	Varshney, A.; Sharma, V.	2021104536	Sujatha, K.; G.Bhavani, N.; KALAIVANI, A.; Rekha, K.S.; Khilar, R.; R, S.; Jhansi, G.; HEMALATHA, N.; Srividhya, V.; C, K.
2021104451	Malviya, R.; kumar, G.	2021104537	Sheshar Singh, S.; Srivastava, D.; shekhar yadav, C.; Singh, D.; Kaur, M.
2021104456	ARORA, S.; SHARMA, S.; SULTANA, F.; BHATT, V.; ASLAM, R.; JOSHI, G.; DUTTA, D.	2021104538	Kanojia, N.; Kaushik, S.; Singh, S.; Prasad Yadav, N.; Singh, M.
2021104457	Mantry, S.; Raman, R.; Sahu, D.; KC, B.R.; Sharma, R.; K S, R.	2021104539	TAHASIN, Z.; Pamba, R.; Jain, S.; Sharma, K.; Badlani, M.; Shabaz, M.; Kumar, P.; Aftab, M.; Nazila, R.; Vugar, A.
2021104458	Southwest university	2021104540	Chandel, S.S.; Bhattacharya, A.; Tyagi, S.; Chouhan, S.; S M, S.; Akhtar, M.S.
2021104460	Southwest university	2021104541	Verma, D.; Mantry, S.; Bhowmick, M.; Martha, S.K.; Jaiswal, H.; Kumar, A.
2021104464	SUPER FOODS NEW ZEALAND LIMITED	2021104543	Roorkee College of Engineering
2021104473	Nayak, P.; Jangdey, M.S.; Sahu, R.K.; Pandey, M.; Verma, R.K.; Sharma, U.	2021104544	Roorkee College of Engineering
2021104494	Luo, M.	2021104545	RASOOL, S.; DULHARE, U.N.; DULORI, S.; MD., R.; KRISHNA, B.; AMBHAIKAR, A.; SWARNKAR, S.K.
2021104497	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University	2021104546	S, S.; S, S.; P, T.; R, R.P.; S, K.; D, T.P.; RANABOTHU, G.R.; S, V.K.
2021104501	Environmental Horticulture Research Institute, Guangdong Academy of Agricultural Sciences	2021104564	Hemalatha, S.; Mohanty, D.K.; Siddique, M.; Singh, S.; Jaiswal, H.; Kumar, A.
2021104502	Selvan, M.P.; Nayak, B.; Rudra, B.; Koti, M.S.; Pandit, K.; Siddiqa, A.; Panhalkar, A.; Bhosale, R.; Reddy, A.Y.; Tambe, P.R.; Nasrulla Khan, P.A.K.; Patle, L.; Urkude, S.A.; Urkude, A.M.	2021104569	Dallapratibha, S.; Vedik, B.; Shiva, C.K.; Yadav, S.; Yadav, R.; Tewari, R.; Singh, R.; Yadav, D.
2021104503	Prabhu Bam, R.V.; Sakhardande, M.J.; Prabhu Gaonkar, R.S.; Mariappan, V.	2021104573	KUSHWAHA, N.; Bhowmick, P.; Singh, K.; Kumar, P.; Khandai, M.; Yadav, M.K.
2021104504	Kumar, P.; S Raj, K.	2021104575	920th Hospital of Joint Logistics Support Force
2021104505	S Raj, K.; Kumar, P.	2021104576	Das, S.; Sahu, V.K.; Dhakar, R.C.; Kundu, S.; Bhat-tacharya, J.; Verma, N.K.
2021104507	Pattanayak, B.K.; Singh, A.K.; Anand, K.; Bhardwaj, A.; Bahadur Saini, D.K.J.; Sonekar, S.V.; Baig, M.M.; Sawwashere, S.S.; Lanjewar, A.O.; Zunke, S.A.; Manjunath, T.; G., P.	2021104577	Yunnan Agricultural University
2021104509	Tiwari, S.; ARORA, S.; SHARMA, S.; TALREJA, S.; SULTANA, F.; SINGH, A.; BHATT, V.	2021104580	The 1st Affiliated Hospital of Kunming Medical University
2021104510	Shrivastava, P.; Jain, T.; Kumawat, R.	2021104581	Chakkarwar, P.
2021104511	Ghorai, T.K.; Ghosh, M.K.; Chandraker, S.K.; Shukla, R.; Mandal, V.	2021104582	Thakkar, K.; Gudi, S.Z.
2021104512	Kediya, S.O.; Singh, D.K.; Dhote, S.; Uparkar, S.S.; Somnathe, T.; Nagtode, S.; Rao Dahake, R.R.; Kawduji	2021104583	Sahoo, N.G.; Tewari, C.; Pandey, S.; Tatrari, G.; Rana, A.; Tiwari, H.; Dandapat, A.
		2021104584	Bhowmik, D.; Sarkar, A.; Barman, R.
		2021104585	Hindustan Institute of Technology and Science; Ramesh, R.K.; Sreeja, P.
			Raj, S.; Chakravarti, A.; Virmani, D.; A, C.; Subramani, T.; P, R.; Singh, S.; Gupta, T.; Shaik, N.; Rooban, S.

Innovation Patent Applications Filed - Numerical Index cont'd

<b>2021104586</b>	and Science, H.I.T.; Rajeswar, S.; Ramalingam, D.P.; SudalaiMuthu, D.T.	<b>2021104757</b>	Patro, P.; Kumar, K.; Krishna, K.M.; Srilakshmi, V.; Rao, T.S.; Kalapala, S.; Kishore, R.H.; Swain, D.; Mishra, U.; Sama, H.R.
<b>2021104587</b>	Hindustan Institute of Technology and Science; Thangaraju, S.; Meenakshi, N.	<b>2021104758</b>	Saxena, C.; Srivastava, R.; Pundir, A.
<b>2021104588</b>	Bamane, R.R.; Kadam, S.B.; Sawant, P.H.; Tande, S.N.; Mohale, V.P.; Jagtap, S.D.; Naik, B.N.; Patil, A.P.	<b>2021104759</b>	QINGDAO AGRICULTURAL UNIVERSITY; Shandong KangYuanTang Chinese Herbal Medicine Co.,Ltd.
<b>2021104613</b>	D'Souza, A.; Kumar, A.; Singh, K.; Rawat, P.; Sachan, K.; Mishra, G.	<b>2021104760</b>	Vadi, V.R.; Nayak, B.; Tegala, S.; Peter, G.; Sherine, S.A.; Murali, M.; Jain, S.; Lanjewar, S.F.; Mohan, V.; Sharma, B.B.; Trivedi, S.K.
<b>2021104628</b>	Patil, N.; Sonawane, S.; Pinjari, S.; Jaiswal, R.; Mali, M.; Mahajan, M.; Mahale, P.	<b>2021104761</b>	Mazumder, A.; Das, S.; Mazumder, R.; Das, M.K.; Gautam, A.; Mishra, R.; Yadav, S.
<b>2021104630</b>	Chatterjee, A.; Mukherjee, G.; Sinha, S.K.; Ghosh, S.; Dey, A.; Rai, V.; Gantait, K.	<b>2021104762</b>	O'Higgins, U.B.
<b>2021104632</b>	THE FIRST AFFILIATED HOSPITAL OF XIAMEN UNIVERSITY	<b>2021104763</b>	Swathi, M.; Sreedhar, K.; Rohita, Y.; Bhukya, S.; Kumar, N.
<b>2021104634</b>	Mishra, S.; Sahoo, D.K.; Rathee, D.; Kalla, H.; Gopikrishna, T.; Narayan Mohanty, M.; Nagila, P.	<b>2021104764</b>	Nazimudheen, G.; K, A.
<b>2021104635</b>	Gholap, S.S.; Panda, P.; Soren, S.; Yañez, E.C.	<b>2021104765</b>	Undru, V.B.; Molakatala, N.; Raju, T.S.; Krishna M, R.
<b>2021104636</b>	Memorial University, S.R.	<b>2021104766</b>	Unnisa, A.; Mohamed, J.M.; Vijaya, R.; Shaik, R.A.; Khan, K.A.; Mohammed, I.A.; Kumar, V.K.; Konatham, T.K.R.; Vallakeerthi, N.; Sadhula, A.
<b>2021104637</b>	Hindustan Institute of Technology and Science; A R, A.; Ramalingam, P.	<b>2021104767</b>	KUMAR G S, S.; SAMPATHILA, N.
<b>2021104638</b>	Hindustan Institute of Technology and Science; J G, S.; Ramalingam, P.	<b>2021104768</b>	Paul, I.; Vaidya, A.; Damle, P.; Bhole, G.; Chaudhari, J.; Mahajan, J.
<b>2021104639</b>	Hussain, S.A.; Bhattacharjee, D.; Majumdar, S.	<b>2021104769</b>	Kaushal, C.; Hussain, N.; Ibrahim, O.; Cengiz, K.; Brahma, B.; Shukla, P.; Solanki, S.; Yadav, S.; Soni, M.
<b>2021104640</b>	Manipal University Jaipur	<b>2021104770</b>	Suresh, B.; Parthiban, S.; Lavanya, G.; Amin, R.; Aggarwal, S.; Mahboob, A.; Angayarkanni, A.; Padmasini, C.S.; Muthulakshmi, A.; Sudha, M.; M, H.; S. B., A.
<b>2021104641</b>	SANOBER, S.; K, U.; DHUPIA, B.; NAVEED, Q.; BUHARI, S.; HAQ, M.	<b>2021104771</b>	Maniraj, J.; Ganapathi, P.; Thangavel, K.; Murali, M.; Balaprakash, V.; Venugopal, J.; Pathak, A.; Arvind Patil, A.; Vinodhini, Y.; Aziz, A.; Sha Diana, F.H.; Neeraja, B.
<b>2021104662</b>	Joshi, S.; Kumar, A.	<b>2021104772</b>	Manipal University Jaipur
<b>2021104664</b>	Chakrabarti, T.	<b>2021104773</b>	Manipal University Jaipur
<b>2021104665</b>	Chitrakala, G.; Mohan, V.; Stalin, N.; Jeevananthan, S.	<b>2021104774</b>	Manipal University Jaipur
<b>2021104666</b>	China Railway 18th Bureau (Group) Co., Ltd.	<b>2021104775</b>	Sachan, K.; Kumar, P.; Kumar, A.; Kesharwani, A.; Devi, S.; Kumari, C.
<b>2021104667</b>	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University	<b>2021104776</b>	Mishra, S.; Paswan, S.K.; Tabish, M.; Jayaswal, P.; Farooqi, M.A.; Shoaib, A.
<b>2021104668</b>	China Railway 18th Bureau (Group) Co., Ltd.; China State Railway Group Co.,Ltd.	<b>2021104777</b>	Pelusi, D.; Cyriac, R.; R., J.E.; Prabhakar, M.A.; P., B.; K., M.
<b>2021104669</b>	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University	<b>2021104778</b>	CHAKRABARTI, T.
<b>2021104672</b>	SUZHOU NACHUANGJIA ENVIRONMENTAL TECHNOLOGY ENGINEERING CO., LTD.	<b>2021104779</b>	Srinivasan, A.
<b>2021104673</b>	K C, B.R.; Tiwari, A.K.; Yadav, P.K.; K S, R.; Nayak, A.K.; Singh, D.	<b>2021104780</b>	Srinivasan, A.
<b>2021104675</b>	R, M.; Menon, D.; Shamsher, S.; R., S.; D, A.; Vayaravel, C.; Lenin; Kumar, R.	<b>2021104781</b>	Kumar Sharma, D.; Kumar, A.; Badoni, P.; Khare, A.; Kumar, A.; Pratap Singh, S.; Chauhan, P.; Bharadwaj, V.P.
<b>2021104676</b>	Shandong Peanut Research Institute	<b>2021104782</b>	Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT)
<b>2021104681</b>	SAMBANA, B.; YAGIREDDI, R.	<b>2021104783</b>	Vyas, S.; Pramanik, P.; Pal, S.; Singh, A.; Nayyar, A.; Alsulami, M.
<b>2021104683</b>	Jhaveri, R.; Shukla, P.; Alqithami, S.; Roy, D.G.; M, P.; Sathyamoorthy, M.	<b>2021104784</b>	Nagarajan, G.; Aravindraj, E.
<b>2021104684</b>	Panigrahi, R.; Patjoshi, R.K.; Badal, S.; Patel, S.; Jena, S.R.; Sabharwal, M.; Krishnasamy, L.; Dhanaraj, R.K.	<b>2021104785</b>	Sebastian, A.; Sankar, K.
<b>2021104698</b>	Khandige, P.S.; Tyagi, S.; Singh, S.P.; Gautam, S.; Vatsa, E.; Bhardwaj, N.	<b>2021104786</b>	Maurya, R.; Gupta, S.K.; Reddy, K.V.N.; Arfi, S.; Manchanda, S.; Roy, P.
<b>2021104711</b>	JNFLEX(CHANGZHOU)CO.,LTD.	<b>2021104788</b>	Sabharwal, M.; Patjoshi, R.K.; Panigrahi, R.; Patel, S.; Haidri, R.A.; Jena, S.R.; Krishnasamy, L.; Balusamy, B.; Dhanaraj, R.K.
<b>2021104716</b>	Gandhi, C.; Mohan, J.; Chaturvedi, B.; Kumar, A.	<b>2021104789</b>	GARIMELLA, R.C.
<b>2021104721</b>	CHAKRABARTI, T.	<b>2021104790</b>	Upreti, K.; Alhameed, M.H.; Alam, M.S.; Nasir, M.S.
<b>2021104722</b>	Pandit, K.; Prakash, K.E.; Dattana, V.; Jose, M.; Soans, S.V.; Sharma, P.; Pai, S.; Mungara, J.; Subramanian, M.; H A, D.; N, Y.; Deepajothi, S.; Azam, M.	<b>2021104791</b>	NAIKODI, C.
<b>2021104723</b>	Southwest University	<b>2021104792</b>	Behera, R.; Behera, A.; Samal, B.; Muduli, K.
<b>2021104724</b>	Prasada G S, S.V.; Seshikala, G.; Sampathila, N.; P C, R.; Singh, C.	<b>2021104803</b>	NAIKODI, C.
<b>2021104725</b>	Southwest University	<b>2021104828</b>	Lincoln University College
<b>2021104726</b>	Southwest University	<b>2021104830</b>	Liu, Y.; Zhou, L.; Wu, Y.; Jilin University
<b>2021104727</b>	Manic, K.S.; Biju, R.; Rajinikanth, V.; Manic, U.S.	<b>2021104831</b>	M, B.; P, S.
<b>2021104728</b>	Muffakhm Jah College of Engineering and Technology	<b>2021104833</b>	ALAM, T.; KHAN, S.A.; NAJAM, L.; AL-HARRASI, A.S.F.; AL-RAWAHI, A.B.K.
<b>2021104729</b>	SHAHI, S.; SINGH, S.K.	<b>2021104834</b>	Institute of Biology, Gansu Academy of Sciences
<b>2021104730</b>	K, S.; P, K.; M, V.; A, R.; M, R.; P, B.; S, G.; S, S.; K, A.; E U, I.; E, D.; N, S.; S, K.; B, I.; E D, V.	<b>2021104835</b>	Jilin University
<b>2021104731</b>	Chansoriya, M.; MISHRA, P.; Bajaj, R.; Pandya, M.; Singh, K.; Choubey, G.; Ansu, A.	<b>2021104837</b>	M.S. Ramaiah University of Applied Sciences
<b>2021104748</b>	The Affiliated Wuxi Maternity	<b>2021104840</b>	Prabhu Matti, N.B.; Soodan, V.
<b>2021104749</b>	China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology	<b>2021104845</b>	Mainampati, S.R.
<b>2021104751</b>	Guangzhou City Polytechnic	<b>2021104847</b>	Arukala, S.R.; Pancharathi, R.K.; Pulkuri, A.R.

Innovation Patent Applications Filed - Numerical Index cont'd

2021104848	Mangalore Institute of Technology and Engineering	2021104920	HILLMAN, K.
2021104849	Dubey, R.; Sharma, P.; Arjariya, T.; Pandey, P.; Pillai, B.; Soni, R.	2021104921	Lonman Auto Accessories Co., Ltd
2021104850	Dubey, R.; Dubey, R.; Gupta, B.; Mishra, S.; Gupta, S.; Singh, D.; Mishra, S.	2021104922	Watson, K.J.
2021104851	KARAMOOZIAN, A.; WU, D.	2021104923	LEEDARSON LIGHTING CO., LTD.
2021104852	NAIKODI, C.	2021104924	LEEDARSON LIGHTING CO., LTD.
2021104869	TAGR HOLDINGS PTY LTD	2021104925	LEEDARSON LIGHTING CO., LTD.
2021104878	College of Technology and Engineering MPUAT, Udaipur; Gupta, T.	2021104926	LEEDARSON LIGHTING CO., LTD.
2021104882	Mishra, J.N.; Paswan, S.; Samad, A.; Singh, A.P.; Kumar, P.; Sharma, A.	2021104927	Battery Graphene Corp Pty Ltd
2021104883	Ramaiah, N.S.; V.K. R.; K R, V.; Rao, T.N.; Sharma, S.; Zaware, S.N.; Vajpai, I.; Nagajothi, V.; Panhalkar, A.; Bhosale, R.; Chopra, M.; Mahapatra, C.; Subramanian, M.	2021104928	RAJU, T.A.; SOWMYA, K.; KRISHNA REDDY, M.S.R.; IMRAN, S.; BABU, T.A.; RAJESWARI, B.; MELINGI, S.B.; MURTHY, M.B.; RAJEEV, T.V.
2021104884	Wal, A.; Bansal, S.K.; Gupta, S.K.; Garg, V.K.; Wadhwa, S.; Srivastava, M.	2021104929	Shandong Sport University
2021104885	Henan Bangni Biological Engineering Co., Ltd.	2021104930	Raj, R.; Anilkumar, T.; Nair, R.S.; Mony, M.P.; Vijayakumari, P.K.; Sobhan, P.K.
2021104886	M.KUMARASAMY COLLEGE OF ENGINEERING	2021104931	Holder, J.
2021104887	Wuxi JHT Homewares Co., Ltd.	2021104932	Wuhan University
2021104888	M.KUMARASAMY COLLEGE OF ENGINEERING	2021104933	Raj, R.; Purnima, C.; Anilkumar, T.V.; Shenoy, S.J.; Nair, R.S.; Mony, M.P.; Vijayakumari, P.K.; Sobhan, P.K.
2021104889	Chopra, D.	2021104934	Zhao, Y.
2021104890	OZGREEN ENERGY PTY LTD	2021104935	Dongguan University of Technology
2021104891	M.KUMARASAMY COLLEGE OF ENGINEERING	2021104936	HNA Group Pty Ltd
2021104892	Kumar, A.; Sheetlani, J.; Gupta, H.; M, S.; R, J.	2021104937	Zhao, Y.; Environment Monitoring Center of Jiangsu Province
2021104893	Manipal University	2021104938	Werxco Pty Ltd
2021104894	Gupta, A.K.; Singh, A.; Singh, G.; Tiwari, G.; A, R.; Tiwari, R.	2021104939	Beijing University of Posts and Telecommunications
2021104895	Science, H.I.T.; MURUGAN R, P.; Ramalingam, P.	2021104940	Beijing University of Posts and Telecommunications
2021104896	Hindustan Institute of Technology and Science; SINHA, A.; SREEJA, P.S.	2021104941	LI, L.
2021104897	Hindustan Institute of Technology and Science; KIRUBANANTHAM, P.; SARANYA, A.; PANDIARAJ, S.; DEEPTHA, R.; RATHNA, R.; VEERAMANI, R.	2021104942	Jiang, G.
2021104898	Hindustan Institute of Technology and Science; SHANKAR, S.K.; NATRAJABHISHEK, S, B.; S, S.	2021104943	Dash, S.; Mohanty, D.; Mohanty, P.; Sabata, S.; Reddy, M.S.R.; Mohanty, P.; Sabat, S.; Bindhani, B.R.; Roy, S.S.; Acharya, B.; Guru, R.; Rout, B.; Shrivastava., S.
2021104899	Hindustan Institute of Technology and Science; SAMLAL, S.; SANTHANAKRISHNAN, R.; ASOKAN, R.; PAULSON, V.	2021104944	Adishkumar, S.; Devi, S.; Banu, J.R.
2021104900	Real Estate Zen Pty Ltd	2021104945	Rastogi, S.; Sharma, V.; Ahmad, F.J.
2021104901	Borole, Y.D.; Shrivastava, A.; Singh, K.; Arya, N.; Sharma, A.; Singh, N.C.; Kumar, M.; Pandya, I.Y.; Chourasia, S.; Chourasia, B.; Raghuwanshi, N.; Bhattacharya, S.; Pallathadka, H.	2021104946	Kute, R.S.
2021104902	Solanki, U.; Lata, R.; Borole, Y.D.; Shrivastava, A.; Rinawa, M.L.; Sharma, S.; K.N, J.; Chauhan, D.; Bhavani, K.D.; Bhattacharya, S.; Rizwanullah, M.; Pallathadka, H.	2021104947	Sharma, M.; Rathore, V.S.; Kumar Sharma, M.
2021104903	Inner Mongolia Agricultural University	2021104948	Deshpande, S.; Kher, J.; Iyer, N.; Agawane, G.; Chougale, A.
2021104904	Khaled, A.; Khaled, I.	2021104949	Roy, N.; Jaiswal, S.; Prabhakar, A.; Verma, D.
2021104905	Wuhan University	2021104950	Gill, J.S.; Singh Gill, H.; Khehra, B.S.
2021104906	Shandong Longchang Animal Health Product Co., LTD.	2021104951	Gupta, S.; Gandhi, D.; Gambhir, M.; Bhamre, P.M.
2021104907	Xuzhou University Of Technology	2021104952	Cross, R.
2021104908	Shandong Longchang Animal Health Product Co., LTD.	2021104953	Mony, M.P.; Anilkumar, T.V.; Shenoy, S.J.; Nair, R.S.; Raj, R.; Vijayakumari, P.K.; Purnima, C.; Sobhan, P.K.
2021104909	DSM IP Assets B.V.; Biomar Group A/S	2021104954	Mishra, A.; Gupta, A.; Rathore, N.; Usman, M.; Ranadive, F.; Singh, M.; Kuliha, M.; Singh, A.; Dhope, T.; Chandre, A.
2021104910	Zhejiang Vegamax Biotechnology Co., Ltd.	2021104955	Kumar, B.P.; Babu, G.S.; Boddeda, B.; Thimmaraju, M.K.; Arjun, G.
2021104911	Hospital of Chengdu University of Traditional Chinese Medicine	2021104956	HIGH-GENE (Shanghai) BIOLOGICAL TECHNOLOGY Co., LTD.
2021104912	Feng, D.	2021104957	China University of Geosciences, Beijing
2021104913	huaiyin normal university; South China University of Technology; Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province	2021104958	Kingsford Neue Technology Pty Ltd
2021104914	Srivastava, A.; Singh, V.K.; D'Souza, A.; Singh, P.; Singh, R.; Singh, K.	2021104959	South China Sea Institute of Oceanology, Chinese Academy of Sciences; Sanya Institute of Oceanology, SCSIO
2021104915	K, H.J.; Yadav, A.; Das, S.; Uddin, A.B.M.H.; Verma, P.; Chaubey, M.	2021104960	National Ocean Technology Center
2021104916	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province	2021104961	Hunan Fengdu Lighting Technology Co., Ltd.
2021104917	KINGFA SCI TECH CO LTD	2021104962	Hunan Fengdu Lighting Technology Co., Ltd.
2021104918	Gansu Agricultural University	2021104963	Dunlop, C.
2021104919	Macau University of Science and Technology	2021104964	RIJATEK Design Pty Ltd
		2021104965	GivePlease Pte Ltd
		2021104966	POISEIDON.CLL.TECHNOLOGY CO., LTD.
		2021104967	Watson, K.J.
		2021104968	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province
		2021104969	Dongguan University of Technology
		2021104970	Dongguan University of Technology
		2021104971	Oopsi Pty Ltd
		2021104972	Zhengzhou University
		2021104973	Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd

Innovation Patent Applications Filed - Numerical Index cont'd

<b>2021104974</b>	Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd	<b>2021105062</b>	Qilu University of Technology
<b>2021104975</b>	Donaghue, D.	<b>2021105063</b>	Hunan Research Institute for Nonferrous Metals
<b>2021104976</b>	Gupta, T.K.; Chaurasia, V.; Shrivastava, Y.	<b>2021105064</b>	Sinosteel Nanjing New Materials Research Institute Co., Ltd.
<b>2021104978</b>	East China Normal University	<b>2021105065</b>	Bestee Material (Tsingtao) Co., Ltd.
<b>2021104980</b>	Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center	<b>2021105066</b>	Qingdao Agricultural University
<b>2021104981</b>	Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center	<b>2021105090</b>	Materialised Pty Ltd
<b>2021104982</b>	Shanghai Ocean University; Shanghai Marine Renewable Energy Engineering Technology Research Center	<b>2021105105</b>	Guangdong Yi'erle Technology Industrial Co., Ltd.
<b>2021104983</b>	Techtronic Cordless GP	<b>2021105107</b>	CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.
<b>2021104984</b>	Anshan Power Supply Company, State Grid Liaoning Power Co., Ltd.; North China Electric Power University; State Grid Corporation of China	<b>2021105108</b>	CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.
<b>2021104985</b>	Qingdao Agricultural University	<b>2021105109</b>	CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.
<b>2021104986</b>	Taiyuan University of Technology	<b>2021105110</b>	CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD; CHINA RAILWAY BRIDGE SCIENCE RESEARCH INSTITUTE, LTD.
<b>2021104988</b>	Zhejiang Gongshang University	<b>2021105111</b>	Guangzhou Herui Business Consulting Service Co., Ltd.
<b>2021104989</b>	Zhejiang Gongshang University	<b>2021105112</b>	Ocean University of China
<b>2021104991</b>	South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Guangdong Baiwei Biological Technology Co., Ltd.; Guangdong Shun Xin Ocean Fishery Group Co., Ltd.	<b>2021105113</b>	Bolack, R.
<b>2021104992</b>	YUNNAN UNIVERSITY	<b>2021105114</b>	GMP Pharmaceuticals Pty Ltd
<b>2021104993</b>	Hebei Ruilong Biotechnology Co., Ltd.	<b>2021105115</b>	Yangzhou University
<b>2021104994</b>	Tianjin University	<b>2021105116</b>	Brunswick, C.
<b>2021104995</b>	Qingdao Agricultural University; Qingdao laoshan district bureau of natural resources; Qingdao Jiazhi Biotechnology Co., Ltd.	<b>2021105117</b>	Hexi University
<b>2021104996</b>	China Railway Liuyuan Group Co., Ltd; China Railway Tunnel Survey Design Institute co.,Ltd	<b>2021105119</b>	Guangzhou Herui Business Consulting Service Co., Ltd.
<b>2021105019</b>	Environment Monitoring Center of Jiangsu Province; Zhao, Y.	<b>2021105120</b>	Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences; Ningxia University; Shandong Jianzhu University
<b>2021105020</b>	Sinosteel Nanjing New Materials Research Institute Co., Ltd.	<b>2021105121</b>	South China Sea Fisheries Research Institute Chinese Academy of Fishery Sciences; Guangdong Shun Xin Sea Fishery Group Co., Ltd.
<b>2021105022</b>	Sinosteel New Materials Co., Ltd.	<b>2021105122</b>	BORA - Vertriebs GmbH & Co KG
<b>2021105023</b>	Anoterotec Pty Ltd	<b>2021105123</b>	Northeastern University
<b>2021105026</b>	Fortescue Metals Group Ltd	<b>2021105124</b>	BORA - Vertriebs GmbH & Co KG
<b>2021105029</b>	Lockliv Holdings Pty. Ltd.	<b>2021105125</b>	Qingdao University of Science and Technology
<b>2021105035</b>	Zhejiang Fangyuan Test Group Co., Ltd.	<b>2021105126</b>	Sichuan Agricultural University
<b>2021105037</b>	LU, M.	<b>2021105127</b>	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university
<b>2021105038</b>	Practical Pty Ltd as trustee for the Practical Unit Trust	<b>2021105128</b>	Ludong University
<b>2021105039</b>	Thomas, A.J.	<b>2021105129</b>	Institute of Oceanology, Chinese Academy of Sciences
<b>2021105040</b>	ESKP3 PTY LTD	<b>2021105130</b>	Chongqing University
<b>2021105042</b>	Nitti, A.	<b>2021105131</b>	Aticam Pty Ltd
<b>2021105043</b>	Imtrade Australia Pty Ltd	<b>2021105132</b>	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university
<b>2021105044</b>	Qilu University of Technology	<b>2021105133</b>	Huaiyin Institute of Agricultural Sciences in Xuhuai area of Jiangsu Province; huaiyin normal university
<b>2021105045</b>	Jilin University	<b>2021105134</b>	Canva Pty Ltd
<b>2021105046</b>	Taiyuan University of Technology	<b>2021105135</b>	INNER MONGOLIA PUAE BIOLOGICS CO., LTD
<b>2021105047</b>	Higgins, J.	<b>2021105137</b>	Hunan University of Science and Technology
<b>2021105049</b>	Qingdao University of Science and Technology	<b>2021105138</b>	Parkins, D.
<b>2021105050</b>	Qingdao University of Science and Technology	<b>2021105140</b>	GRAPHIC ERA (DEEMED TO BE UNIVERSITY)
<b>2021105051</b>	IntelliGas Technology Developments Pty Ltd	<b>2021105141</b>	GRAPHIC ERA (DEEMED TO BE UNIVERSITY)
<b>2021105052</b>	Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs	<b>2021105142</b>	Trad, B.
<b>2021105053</b>	Harrison, A.	<b>2021105143</b>	Chinese Research Academy of Environmental Sciences
<b>2021105054</b>	Guangdong University of Technology	<b>2021105145</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences No. 19, Beitucheng Western Road Chaoyang District Beijing 100029 CHINA
<b>2021105055</b>	Ocean University of China	<b>2021105146</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences
<b>2021105056</b>	Xinjiang University	<b>2021105147</b>	WULFSE, R.
<b>2021105057</b>	Nanjing Forestry University; Yanling Guangwei Wood Industry Co. Ltd	<b>2021105149</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences
<b>2021105058</b>	SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA; BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; North China Electric Power University	<b>2021105156</b>	Pratley Investments (Pty) Ltd
<b>2021105059</b>	BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; SHIJIAZHUANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA; North China Electric Power University; Hebei Medical University	<b>2021105158</b>	Anqing Normal University
<b>2021105060</b>	Qilu University of Technology	<b>2021105159</b>	Li, S.
<b>2021105061</b>	Bruckbauer, W.	<b>2021105165</b>	Cruel Sea Technologies Pty Ltd
		<b>2021105166</b>	Cruel Sea Technologies Pty Ltd



Innovation Patent Applications Filed - Numerical Index cont'd

<b>2021105168</b>	Lanzhou Veterinary Research Institute,Chinese Academy of Agricultural Sciences	<b>2021105204</b>	INSTITUTE OF SOIL SCIENCE, CHINESE ACADEMY OF SCIENCES
<b>2021105170</b>	Lanzhou Veterinary Research Institute,Chinese Academy of Agricultural Sciences	<b>2021105205</b>	Stephen, B.
<b>2021105173</b>	Hebei GEO University	<b>2021105206</b>	Qingdao Agricultural University; Qingdao laoshan district bureau of natural resources
<b>2021105175</b>	Beijing Society of Surveying and Mapping	<b>2021105207</b>	Bayliss, S.; Humphries, A.; Redstone, C.
<b>2021105178</b>	School of Chemical Engineering, Northeast Electric Power University	<b>2021105208</b>	J Murphy & Sons Pty Ltd
<b>2021105179</b>	Bohai University	<b>2021105209</b>	J Murphy & Sons Pty Ltd
<b>2021105180</b>	ShangHai Ocean University	<b>2021105210</b>	R.M Creighton Dental Pty Ltd
<b>2021105183</b>	Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences; Ningxia University; Shandong Jianzhu University	<b>2021105211</b>	Chongqing Three Gorges University
<b>2021105198</b>	Beck, J.; Smith, M.	<b>2021105212</b>	Zhejiang citrus research institute
<b>2021105199</b>	Suzhou Yinque Intelligent Technology Co., Ltd.	<b>2021105213</b>	Freedman Electronics Pty Limited
<b>2021105200</b>	China Academy of Transportation Sciences	<b>2021105214</b>	China Railway Liuyuan Group Co., Ltd.; China Railway Tunnel Survey Design Institute Co.,Ltd.
<b>2021105201</b>	ShangHai Ocean University	<b>2021105215</b>	Morrison Pacific Pty Ltd
<b>2021105202</b>	Hanna, T.	<b>2021105217</b>	Guangxi University
<b>2021105203</b>	Stephen, B.	<b>2021105220</b>	Guizhou Normal University
		<b>2021105221</b>	Dalian Minzu University
		<b>2021105222</b>	Changzhi University
		<b>2021105223</b>	Drill-Bourn Pty Ltd

Applications with amended filing dates Reg 3.5(A).

2021102115 **Peroumal, V.; Shrivastava, P.; kumar, A.; Karthikeyan, M.; Sawai, D.; Kumar, S.A.; Manjunath, T.; Naved, M.; M., R.K.; Sasubilli, S.M.; Kumar, C.L.; Kulkarni, G.N.; Sangle, N.; H., G.; Manjunath, T.C.; G., P.** The filing date has been amended to 04.07.2021

2021103692 **Asbestos Reports Australia Pty Limited** The filing date has been amended to 02.08.2021

2021104744 **63963 Unit of the Chinese People's Liberation Army; Shenyang Shunyi Technology Company Limited** The filing date has been amended to 05.08.2021

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

<b>Code</b>	<b>Meaning</b>
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

**2001**

2001057711 ( 14 )	2001057743 ( 14 )	2001057745 ( 14 )
2001057754 ( 14 )	2001057802 ( 14 )	2001079188 ( 14 )
2001275604 ( 14 )	2001275799 ( 14 )	2001276166 ( 14 )
2001276167 ( 14 )	2001276169 ( 14 )	2001276170 ( 14 )
2001276696 ( 14 )	2001276698 ( 14 )	2001277204 ( 14 )
2001278579 ( 14 )	2001278682 ( 14 )	2001279059 ( 14 )
2001279169 ( 14 )	2001279311 ( 14 )	2001281376 ( 14 )
2001282040 ( 14 )	2001282045 ( 14 )	2001284688 ( 14 )
2001284704 ( 14 )	2001284719 ( 14 )	2001286155 ( 14 )
2001292548 ( 14 )	2001293711 ( 14 )	2001295447 ( 14 )

**2002**

2002011965 ( 14 )	2002013542 ( 14 )	2002013563 ( 14 )
2002013569 ( 14 )	2002013608 ( 14 )	2002015397 ( 14 )
2002212120 ( 14 )	2002225181 ( 14 )	2002226547 ( 14 )
2002228263 ( 14 )	2002228341 ( 14 )	2002229720 ( 14 )
2002231424 ( 14 )	2002237290 ( 14 )	2002237947 ( 14 )
2002240116 ( 14 )	2002241969 ( 14 )	

**2003**

2003200166 ( 14 )	2003200186 ( 14 )	2003200192 ( 14 )
2003200219 ( 14 )	2003200231 ( 14 )	2003205334 ( 14 )
2003206123 ( 14 )	2003207437 ( 14 )	2003214876 ( 14 )
2003219230 ( 14 )	2003219678 ( 14 )	2003236824 ( 14 )
2003236987 ( 14 )		

**2004**

2004200215 ( 14 )	2004200235 ( 14 )	2004202093 ( 14 )
2004206169 ( 14 )	2004207049 ( 14 )	2004208524 ( 14 )
2004209397 ( 14 )	2004209846 ( 14 )	2004216952 ( 14 )
2004229139 ( 14 )		

**2005**

2005200236 ( 14 )	2005200281 ( 14 )	2005200303 ( 14 )
2005200305 ( 14 )	2005205983 ( 14 )	2005205994 ( 14 )
2005207635 ( 14 )	2005208897 ( 14 )	2005209263 ( 14 )
2005210090 ( 14 )	2005216867 ( 14 )	2005244601 ( 14 )

**2006**

2006200284 ( 14 )	2006200286 ( 14 )	2006200288 ( 14 )
2006200323 ( 14 )	2006206191 ( 14 )	2006206255 ( 14 )
2006206303 ( 14 )	2006207323 ( 14 )	2006208045 ( 14 )
2006208046 ( 14 )	2006209108 ( 14 )	2006209252 ( 14 )
2006209270 ( 14 )	2006209271 ( 14 )	2006209377 ( 14 )
2006209919 ( 14 )	2006213033 ( 14 )	2006213044 ( 14 )
2006215727 ( 14 )	2006215902 ( 14 )	2006218308 ( 14 )
2006222705 ( 14 )		

**2007**

2007200273 ( 14 )	2007200283 ( 14 )	2007200297 ( 14 )
2007200303 ( 14 )	2007200304 ( 14 )	2007200305 ( 14 )
2007200306 ( 14 )	2007200307 ( 14 )	2007200308 ( 14 )
2007200309 ( 14 )	2007200310 ( 14 )	2007200311 ( 14 )
2007200312 ( 14 )	2007200313 ( 14 )	2007200314 ( 14 )
2007200315 ( 14 )	2007200316 ( 14 )	2007202761 ( 14 )
2007207103 ( 14 )	2007207901 ( 14 )	2007207952 ( 14 )
2007208340 ( 14 )	2007208365 ( 14 )	2007208839 ( 14 )
2007209527 ( 14 )	2007209761 ( 14 )	2007210177 ( 14 )
2007218211 ( 14 )	2007224988 ( 14 )	2007225434 ( 14 )
2007234145 ( 14 )	2007307309 ( 14 )	2007315647 ( 14 )
2007344661 ( 14 )	2007345288 ( 14 )	

**2008**

2008200279 ( 14 )	2008200354 ( 14 )	2008200366 ( 14 )
2008200391 ( 14 )	2008201161 ( 14 )	2008207663 ( 14 )
2008207974 ( 14 )	2008208730 ( 14 )	2008208999 ( 14 )
2008209294 ( 14 )	2008209296 ( 14 )	2008210861 ( 14 )
2008222189 ( 14 )	2008258100 ( 14 )	2008322769 ( 14 )

**2009**

2009200236 ( 14 )	2009202986 ( 14 )	2009202993 ( 14 )
2009206218 ( 14 )	2009206271 ( 14 )	2009206320 ( 14 )
2009206340 ( 14 )	2009206489 ( 14 )	2009206684 ( 14 )
2009206863 ( 14 )	2009207302 ( 14 )	2009207633 ( 14 )
2009207645 ( 14 )	2009208008 ( 14 )	2009208035 ( 14 )
2009209698 ( 14 )	2009209699 ( 14 )	2009210570 ( 14 )
2009216500 ( 14 )	2009222921 ( 14 )	2009223731 ( 14 )
2009226041 ( 14 )	2009290118 ( 14 )	

**2010**

2010200065 ( 14 )	2010200217 ( 14 )	2010200247 ( 14 )
2010206500 ( 14 )	2010207456 ( 14 )	2010207483 ( 14 )
2010207817 ( 14 )	2010208474 ( 14 )	2010208477 ( 14 )
2010209472 ( 14 )	2010210840 ( 14 )	2010212297 ( 14 )
2010214812 ( 14 )	2010215729 ( 14 )	2010216990 ( 14 )
2010223628 ( 14 )	2010239718 ( 14 )	2010343292 ( 14 )
2010343293 ( 14 )	2010346990 ( 14 )	

**2011**

2011200224 ( 14 )	2011200226 ( 14 )	2011200263 ( 14 )
2011200269 ( 14 )	2011200280 ( 14 )	2011200791 ( 14 )



**Assignments before Grant, Section 113****2015**

2015413352 Multi-Chem Group, LLC The application has been assigned to **Halliburton Energy Services, Inc.**

**2016**

2016327445 Tooteries Pty Ltd The application has been assigned to **SJC IP Holdings Pty Ltd**

**2017**

2017229591 Blade Therapeutics, Inc. The application has been assigned to **Blade Therapeutics Pty Ltd**

2017247367 Leibniz-Institut Für Polymerforschung Dresden E. V. The application has been assigned to **TissueGUARD GmbH**

2017294276 Shanghai Cancer Institute; Cargen Therapeutics Co., Ltd. The application has been assigned to **CAFA Therapeutics Limited**

2017320579 Medical Enterprises Distribution, LLC The application has been assigned to **DePuy Synthes Products, Inc.**

2017434054 Multi-Chem Group, LLC The application has been assigned to **Halliburton Energy Services, Inc.**

**2018**

2018262327 The University of Sheffield The application has been assigned to **OPTERAN TECHNOLOGIES LIMITED**

2018288533 Base4 Innovation Limited The application has been assigned to **Lightcast Discovery Ltd**

2018297244 M-I L.L.C. The application has been assigned to **Schlumberger Technology B.V.**

**2019**

2019216605 Hayman, James; McCann, Stephen; Leeming, Jennifer The application has been assigned to **Hayman, James; McCann, Stephen**

2019233673 Universität Hamburg The application has been assigned to **Arcturus Therapeutics, Inc.**

2019271819 Shanghai Cancer Institute; Cargen Therapeutics Co., Ltd. The application has been assigned to **CAFA Therapeutics Limited**

2019272481 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Medshin Discovery Inc. The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**

2019293530 Kangwon National University University-Industry Cooperation Foundation The application has been assigned to **ApitBio, Inc.**

2019334065 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Medshin Discovery Inc. The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**

**Assignments before Grant, Section 113**

2019352482 Ewha University-Industry Collaboration Foundation; Seoul National University R&DB Foundation The application has been assigned to **Seoul National University R&DB Foundation**

2019358200 Hovione Scientia; Vozone, Carla The application has been assigned to **Hovione Scientia Limited; Hovione Scientia**

2019371213 Voclarity Health, LLC The application has been assigned to **Scent Medical Technologies Ltd**

2019378623 The Johns Hopkins University The application has been assigned to **RELAVO, LLC**

2019406998 SumSmart IP Limited The application has been assigned to **Lifbak Limited**

2019409992 Small, David Frederick The application has been assigned to **Defining Future Solutions Pty Ltd**

**2020**

2020903040 Curtin University The application has been assigned to **Hyprfire Pty Ltd**

2020903548 Biodry Pty Ltd The application has been assigned to **IKC Feed Pty Ltd**

**2021**

2021104227 Crowhurst, Steve; Hearn, Daniel The application has been assigned to **Halter USA INC.**

2021202653 Eco Ice Australia Pty Ltd The application has been assigned to **Smart Ice Systems Pty Ltd**

2021203769 Ningbo Sanhan Alloy Material Co., Ltd.; Qingdao University of Technology The application has been assigned to **Qingdao University of Technology**

2021901039 Crick, Edward The application has been assigned to **The Udder Way I.P. Pty Ltd**

**Extensions of Time, Section 223****Applications Received**

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

**2005**

2005304663 **Azdel, Inc.** An application to extend the time from 08 Nov 2020 to 08 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2006**

2006292344 **Dalal, P.** An application to extend the time from 18 Sep 2020 to 18 Jul 2021 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**Extensions of Time, Section 223**

**2009**

2009208375 **Groening, D.** An application to extend the time from 30 Jan 2020 to 30 Jan 2021 in which to pay a renewal fee has been filed . Address for service - Dean Karsten Groening PO Box 5092 Lyneham ACT 2602 AU

**2020**

2020201908 **Nokia Technologies Oy** An application to extend the time from 21 Oct 2020 to 21 Jun 2021 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020204064 **Body Vision Medical Ltd.** An application to extend the time from 20 Oct 2020 to 20 Jun 2021 in which to pay a continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020204127 **Conex IPR Limited** An application to extend the time from 29 Oct 2020 to 29 Jun 2021 in which to pay a continuation fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**Applications Allowed - Section 223(2)**

**2011**

2011323627 **Finish Systems International, LLC** The time in which to pay a renewal fee has been extended to 28 Feb 2021 . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

**2013**

2013237655 **Reed, C.** The time in which to gain acceptance has been extended to 04 Apr 2022 . Address for service - The Trustee for Reed Family Trust 16 Moondani Drive Gilston QLD 4211 AU

**2014**

2014275575 **Parodi, F.** The time in which to pay a renewal fee has been extended to 05 May 2021 . Address for service - James & Wells Intellectual Property GPO BOX 1301 Canberra ACT 2601 AU

**2016**

2016289095 **GlycoBioSciences Inc.** The time in which to pay a renewal fee has been extended to 30 Apr 2021 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

**2017**

2017391186 **Machado, P.** The time in which to request examination has been extended to 12 Jun 2021 . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

**2018**

2018204015 **Elanco Tiergesundheit AG** The time in which to pay a renewal fee has been extended to 27 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2021**

2021101313 **Dunbar, J.; McErvale, G.** The time in which to comply with a direction under Reg 3.2B has been extended to 16 Jun 2021 . Address for service - Joshua Dunbar 11 Linaker Lane Golden Point VIC 3350 AU

**Extensions of Time, Section 223**

2021206801 **James & Wells Intellectual Property** The time in which to make a further application for a divisional patent has been extended to 17 Jul 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2021206802 **SOLAR ANALYTICS PTY LTD** The time in which to make a further application for a divisional patent has been extended to 23 Jul 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

**Amendments**

**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

**2014**

2014227909 Flavivirus neutralizing antibodies and methods of use thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014249190 Improved methods for conducting multiplexed assays **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2015**

2015339128 Dosage and administration of non-fucosylated anti-CD40 antibodies **Seagen Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016231516 Communicating Circuit Breaker Architecture With Automatic Load Center Position Identification **Schneider Electric USA, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016289420 Method for the manufacture of a urea-based particulate material containing elemental sulphur **Yara International ASA** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016293230 Portable explosion-proof gas stove **Maxsun (Dalian) Co., Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2017**

2017229360 System and method for authenticating wireless programming devices in programmable medical systems **The Alfred**

**Amendments**

**E. Mann Foundation for Scientific Research** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018201720 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2021 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018204011 Flavivirus Neutralizing Antibodies and Methods of Use Thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018221731 Engineered transferrin receptor binding polypeptides **Denali Therapeutics Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2018246214 Niraparib compositions **Tesaro, Inc.** The nature of the amendment is: Amend the name of the inventor to Wu, George; Chaber, John; McKeown, Arlene E. AND Foley, Jennifer R. . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018366562 DATA PROCESSING METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2019**

2019100172 Plunge pool **PLUNGIE IP PTY LTD** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2020 . Address for service - DAVIS IP PTY LTD PO Box 3066 Newstead QLD 4006 AU

2019201480 HETEROCYCLIC AMIDES AS KINASE INHIBITORS **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019204047 Immunosignaturing: a path to early diagnosis and health monitoring **Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University** The nature of the amendment is as shown in the statement(s) filed 30 Jul 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2019264516 Identity data based on aggregating input data **PayPal, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2020**

2020281170 Compositions and methods for efficient targeting of transgenes **Monsanto Technology LLC o** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2021 . Address

**Amendments**

for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**Amendments Made**

**2004**

2004285448 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2021

**2011**

2011246531 **Carl Zeiss Meditec AG** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2021

**2013**

2013323101 **University of British Columbia** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2021

**2016**

2016200305 **Industrie Borla S.p.A** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021

2016200701 **Jonathan Bishop Limited** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2021

2016279913 **RR Medsciences Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 05 May 2021

2016289755 **UCB Biopharma SRL** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2021

2016322843 **Vitality Group International, Inc.** The nature of the amendment is: Application is to proceed under the number 2016102472

2016327153 **Vitality Group International, Inc.** The nature of the amendment is: Application is to proceed under the number 2016102474

2016353542 **WiseTech Global Limited** The nature of the amendment is: Amend the invention title to read Methods and systems of a workflow management product including workflow item acceptability assessment

**2017**

2017252598 **Innospec Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2021

2017252599 **Innospec Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2021

2017315863 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Apr 2020

2017333420 **Novaliq GmbH** The nature of the amendment is: Amend the name of the inventor to read Günther, Bernhard and Löscher, Frank

2017344489 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2021

**Amendments**

2017363604 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Schlegel, Mark K.; Janas, Maja; Jadhav, Vasant R.; Foster, Donald; Manoharan, Muthiah; Rajeev, Kallanthottathil G.; Kef'in, Alexander V.; Charisse, Klaus; Nair, Jayaprakash K.; Maier, Martin A.; Matsuda, Shigeo; Jayaraman, Muthusamy; Sehgal, Alfica; Brown, Christopher; Fitzgerald, Kevin and Milstein, Stuart

**2018**

2018214122 **The Schepens Eye Research Institute** The nature of the amendment is as shown in the statement(s) filed 10 May 2021

2018254713 **CommScope Connectivity Belgium BVBA** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2021

2018255160 **Baker Hughes Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2021

2018274043 **Abbisko Therapeutics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021

2018305254 **Hohai University** The nature of the amendment is: Amend the invention title to read DEVICE FOR IMPROVING INLET FLOW PATTERN OF MULTIHOLE INFLOW PUMP STATION

2018317151 **Guangzhou Xaircraft Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102220

2018342485 **ZTE Corporation** The nature of the amendment is: Amend the invention title to read Information transmission method and apparatus

**2019**

2019226297 **Dexcom, Inc.** The nature of the amendment is: Amend the name of the inventor to read Schoonmaker, Ryan Everett; Blackwell, Jennifer; Davis, Christopher M.; Derenzy, David; Gobrecht, Eric; Halac, Jason; Hughes, Jonathan; Hurst, Kathleen Suzanne; Koplun, Randall Scott; Neuser, Kyle; Newhouse, Todd Andrew; Pryor, Jack; Simpson, Peter; Wells, Maria Noel Brown; England, Justen Deering; Mah, Stefanie Lynn; Barbod, Leonard Darius; Allen, Jillian K.; Estes, Michael J.; Pupa, Philip Thomas; Goldsmith, Timothy Joseph; Keller, Kyle Tinnell and Lieu, Phong

2019257401 **Dexcom, Inc.** The nature of the amendment is: Amend the name of the inventor to read Mahalingam, Aarthi; Cabrera, Esteban, Jr.; Dattaray, Basab; Draeger, Rian; Dunn, Laura J.; Escobar, Derek James; Hall, Thomas; Hampapuram, Hari; Kamath, Apurv Ullas; Kohler, Katherine Yerre; Mayou, Phil; Mensinger, Michael Robert; Moore, Michael Levozier; Pal, Andrew Attila; Polytaridis, Nicholas; Reihman, Eli and Smith, Brian Christopher

2019262857 **Radux Devices, LLC** The nature of the amendment is: Amend the name of the inventor to read GORDON, Gregory and UBEL, Andy

2019284001 **Vitality Group International, Inc.** The nature of the amendment is: Application is to proceed under the number 2019101815

2019305068 **HYPERFINE, INC.** The nature of the amendment is: Amend the name of the inventor to read CHEN, Gang; NELSON, Anne

**Amendments**

Michele; MCNULTY, Christopher Thomas; JORDAN, Jeremy Christopher; POOLE, Michael Stephen and REARICK, Todd

2019337791 **Südzucker AG** The nature of the amendment is: Amend the name of the inventor to read HAJI BEGLI, Alireza; KRÖNER, Christine and CARTARIUS, Ralph

2019340438 **Bayer HealthCare LLC** The nature of the amendment is: Amend the name of the inventor to read SPOHN, Michael; COWAN, Kevin; BERRY, David; LIPFORD, Keith; REED, Jonathan; CAMPBELL, Patrick and CAPONE, Christopher

2019347897 **WANdisco, Inc.** The nature of the amendment is: Amend the name of the inventor to read BARNETT, Granville Lynn and AAHLAD, Yeturu

2019355036 **Western Sydney Local Health District** The nature of the amendment is: Amend the name of the inventor to read LIN, Ching Yu and IREDELL, Jonathan Ripley

2019356037 **Goli Nutrition Inc.** The nature of the amendment is: Amend the name of the inventor to read HOFFMAN, Sharon; BITENSKY, Michael; KORNER-BITENSKY, Nicol; DAHM, Olivia Joan; AGARWAL, Deepak and TYRE, Roger Arthur

2019358933 **FUJIFILM Corporation** The nature of the amendment is: Amend the invention title to read Pearl culture material, nucleus insertion method, and pearl culture material composition

2019384179 **iCAD, Inc** The nature of the amendment is: Amend the name of the inventor to read HALL, Per Frans Leonard; ERIKSSON, Mikael Emil Dan; JAFARI-KHOUZAN, Kourosh and PERIASWAMY, Senthil

2019397932 **ecoSPIRITS Pte. Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2021

2019401027 **Leonardo S.p.A.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2021

2019405839 **Posco; Research Institute Of Industrial Science & Technology** The nature of the amendment is: Amend the name of the inventor to read SOHN, Keon Mok; BYEON, Tae Bong and KIM, Kiyoung

2019419456 **Trice Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2021

2019422095 **Jining University; Shandong Inomic Institute of Pharmaceutical Research Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2019101814

2019422391 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR INVOKING APPLICATION PROGRAMMING INTER-FACE

2019424265 **Wuyi University** The nature of the amendment is: Amend the invention title to read Fatigue Classification Method Based on Brain Function Network Constructed via Generalized Consistency and Relevant Vector Machine

**Amendments**

2019434978 **FUJIFILM Business Innovation Corp.** The nature of the amendment is: Amend the invention title to read Fixing Device and Image Forming Apparatus

**2020**

2020200823 **Li, X.** The nature of the amendment is: Application is to proceed under the number 2020104444

2020202885 **NuVasive Specialized Orthopedics, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 May 2021

2020204388 **Camm, A.** The nature of the amendment is: Application is to proceed under the number 2020104443

2020204698 **Celgard, LLC** The nature of the amendment is: Amend the invention title to read COATED MICROPOROUS MEMBRANES, AND BATTERY SEPARATORS, BATTERIES, VEHICLES, AND DEVICES COMPRISING THE SAME

2020212219 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read EIRP CONTROL METHOD, COMMUNICATIONS APPARATUS, AND COMMUNICATIONS SYSTEM

2020213017 **Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the invention title to read Methods for purifying antibodies comprising of a process by using activated carbon materials

2020215380 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2021

2020216100 **Kreg Enterprises, Inc.** The nature of the amendment is: Amend the name of the inventor to read FORBES, Timothy J.; SCHAAF, Scott and MCCLELLAN, Mark David

2020216494 **Board of Regents, The University of Texas System** The nature of the amendment is: Amend the name of the inventor to read YI, Qing and QIAN, Jianfei

2020218935 **Janssen Biotech, Inc.** The nature of the amendment is: Amend the name of the inventor to read LAMOUSE-SMITH, Esi Sama Natya and SABINS, Nina

2020263550 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for controlling work machine

2020281022 **Equinix, Inc.** The nature of the amendment is: Amend the name of the inventor to read HALL, David James Asher; PICHAI, Tikhon Suresh; PENNINGTON, Craig; SALTER, Robert W. and MC-CARTHY, Chad

2020281133 **Pride Mobility Products Corporation** The nature of the amendment is: Amend the invention title to read ELEVATED HEIGHT WHEELCHAIR

2020295214 **LG Energy Solution, Ltd.** The nature of the amendment is: Amend the invention title to read Battery module including base plate having gas discharge passage, and battery pack and energy storage system including the same

**Amendments**

2020295355 **Boston Scientific Scimed, Inc.** The nature of the amendment is: Amend the name of the inventor to read SOLANO MONTENEGRO, Esteban; MATA BARRANTES, Daniel Eduardo and NUNEZ CORELLA, Jose Pablo

2020348637 **Jiangsu University** The nature of the amendment is: Amend the invention title to read High-efficiency and low-noise automobile electronic water pump

2020408599 **Capital Normal University** The nature of the amendment is: Amend the invention title to read LIGHT FIELD RECONSTRUCTION METHOD AND SYSTEM USING DEPTH SAMPLING

2020410866 **Huazhong University of Science and Technology** The nature of the amendment is: Amend the invention title to read WELDING BEAD MODELING METHOD FOR WIRE-ARC ADDITIVE MANUFACTURING, DEVICE THEREFOR AND SYSTEM THEREFOR

**2021**

2021102989 **KCH INNOVATIONS PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Glade-Wright, Samuel

2021103455 **Zhejiang Normal University Xingzhi College** The nature of the amendment is: Amend the name of the inventor to read HUANG, Chaobiao; CHEN, Piaopiao; XING, Yichen and CHEN, Xiaoxiao

2021103510 **Shenzhen University** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Yuquan; LI, Jiaying; CHEN, Houkai; MIN, Changjun and YUAN, Xiacong

2021202578 **Momenta Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read BOSQUES, Carlos J.; HUSTON, James S.; LANSING, Jonathan C.; LING, Leona E.; MEADOR, James; ORTIZ, Daniel and RUTITZKY, Laura

2021203002 **Syngenta Participations AG** The nature of the amendment is: Amend the name of the inventor to read Hueter, Ottmar Franz; Hoppe, Mark; Maienfisch, Peter; Wege, Philip; Pitterna, Thomas and Boeger, Manfred

2021203821 **SenseTime International Pte. Ltd.** The nature of the amendment is: Amend the invention title to read METHODS, DEVICES, APPARATUSES AND STORAGE MEDIA OF DETECTING CORRELATED OBJECTS INVOLVED IN IMAGES

2021204418 **Nitto Denko Corporation** The nature of the amendment is: Amend the invention title to read URINALYSIS DEVICE AND DRY REAGENT FOR QUANTITATIVE URINALYSIS

2021204492 **Quantium Digital Pty. Limited** The nature of the amendment is: Application is to proceed under the number 2021105104

**Alteration of Name(s) of Applicant(s)/Patentee(s)**

**2013**

2013317624 Consolidated Energy Solutions Inc. The name of the patentee has been altered to **Flo Energy Solutions Inc.**



**Amendments****2015**

2015343272 Cagent Vascular, LLC The name of the patentee has been altered to **Cagent Vascular, Inc.**

**2016**

2016228847 Zodiac Pool Systems, Inc. The name of the applicant has been altered to **Zodiac Pool Systems LLC**

2016324292 Cagent Vascular, LLC The name of the applicant has been altered to **Cagent Vascular, Inc.**

**2017**

2017327693 Oneworld Packaging SL The name of the applicant has been altered to **PackBenefit S.L.**

2017361422 Cagent Vascular, LLC The name of the applicant has been altered to **Cagent Vascular, Inc.**

**2018**

2018257598 Taminco BVBA The name of the applicant has been altered to **Taminco BV**

2018257599 Taminco BVBA The name of the applicant has been altered to **Taminco BV**

2018353722 iLab The name of the applicant has been altered to **IL-Ab**

2018449641 AxoGen Corporation The name of the applicant has been altered to **Axogen Corporation**

**2019**

2019232293 Merwelands Jachtbouw Rotterdam B.V. The name of the applicant has been altered to **Shipyards Rotterdam B.V.**

2019256747 C3 Bio-Technologies Limited The name of the applicant has been altered to **C3 Biotechnologies Limited**

2019268160 EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD); Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Torres Comércio E Processamento de Produtos Naturais Ltda ME. The name of the patentee has been altered to **EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD); Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Torres Comércio E Processamento de Produtos Naturais S.A.**

2019310102 Cagent Vascular, LLC The name of the applicant has been altered to **Cagent Vascular, Inc.**

2019385438 The National Institutes of Pharmaceutical Research and Development (NIP) The name of the applicant has been altered to **The National Institutes of Pharmaceutical R&D Co., Ltd.**

2019403434 Bio Industrial Technology, Incorporated The name of the applicant has been altered to **Performance Nanocarbon, Inc.**

**Amendments****2020**

2020220151 Earth Science Laboratories The name of the applicant has been altered to **Earth Science Laboratories, Inc.**

**2021**

2021103578 Eswaraiah, Rayachoti; Tirumalasetty, Sudhir; Gundabatini, Sanjay Gandhi; Putheti, Sudhakar; Kolluru, Suresh Babu; Nallamala, Sri Hari; Pinnamaneni, Siva Prasad; Janjanam, Madhu Babu; Pujari, Jeevana Jyothi; Prasann, N. Lakshmi The name of the applicant has been altered to **Eswaraiah, R.; Tirumalasetty, S.; Gundabatini, S.G.; Putheti, S.; Kolluru, S.B.; Nallamala, S.H.; Pinnamaneni, S.P.; Janjanam, M.B.; Pujari, J.J.; Prasanna, N.L.**

2021103742 Nexdius Limited The name of the applicant has been altered to **ARMSTRONG, E.**

2021103888 Longhua Hospital Affiliated to Shanghai University of Traditional Chinese Medicine The name of the applicant has been altered to **LONGHUA Hospital Shanghai University of Traditional Chinese Medicine**

2021104293 Jinhui Hou The name of the applicant has been altered to **Xuzhou University of Technology**

2021104298 Kuy, Ruwen The name of the applicant has been altered to **Liu, R.**

2021104303 North China University of Water Resources and Electric Power The name of the applicant has been altered to **North China University of Water Resources and Electric Power; Ningxia Hydraulic Research Institute**

2021104714 Institute of Nanfan#Seed Industry, Guangdong Academy of Sciences The name of the applicant has been altered to **Institute of Bioengineering, Guangdong Academy of Sciences**

2021205081 Genentech, Inc. The name of the applicant has been altered to **F. Hoffmann-La Roche AG; Genentech, Inc.**

2021900226 Cryoclock Pty Ltd The name of the applicant has been altered to **QuantX Labs Pty Ltd**

2021902305 Southern Green Gas Pty Ltd; Clark Intellectual Property Pty Ltd The name of the applicant has been altered to **Southern Green Gas Limited**

2021902358 {546781} NewSouth Innovations Pty Limited The name of the applicant has been altered to **NewSouth Innovations Pty Limited**

Applications Open to Public Inspection

Name Index

- . (\*) Title not in Roman characters
- . (\*\*) Title not given

<p>(71) Abbott Laboratories                  (11) AU-A-2021209235                  (21) 2021209235 (22) 28.07.2021                  (54) Devices and methods for sample analysis                  (51) Int. Cl.  <i>B01L 3/00</i> ( 2006.01 )  <i>G01N 33/48</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2016243034                  (72) HUFF, Jeffrey B.; HAYDEN, Mark A.; KARABATSOS, Peter J.; FISCHER, Andrew (Andy); ROBINSON, John M.; HOLETS-MCCORMACK, Shelley R.; LAURENSEN, Sophie                  (74) Spruson &amp; Ferguson</p>	<p>(71) Acuitas Therapeutics Inc.                  (11) AU-A-2021206881                  (21) 2021206881 (22) 22.07.2021                  (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids                  (51) Int. Cl.  <i>C07C 219/06</i> ( 2006.01 )  <i>A61K 9/127</i> ( 2006.01 )  <i>C07C 229/16</i> ( 2006.01 )  <i>C07C 233/18</i> ( 2006.01 )  <i>C07C 255/24</i> ( 2006.01 )  <i>C12N 15/11</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2016343803                  (72) Ansell, Steven M.; Du, Xinyao                  (74) Davies Collison Cave Pty Ltd</p>	<p>(43) 19.08.2021                  (72) ROGG, Christian                  (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) American Wave Machines, Inc.                  (11) AU-A-2021209210                  (21) 2021209210 (22) 27.07.2021                  (54) IMPROVEMENT TO WAVE MAKING APPARATUS                  (51) Int. Cl.  <i>A63B 69/08</i> ( 2006.01 )  <i>A47K 3/10</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2020244441                  (72) MCFARLAND, Bruce                  (74) Halfords IP</p>
<p>(71) Acceleron Pharma Inc.                  (11) AU-A-2021209153                  (21) 2021209153 (22) 26.07.2021                  (54) Combined use of GDF traps and erythropoietin receptor activators to increase red blood cell levels                  (51) Int. Cl.  <i>C07K 19/00</i> ( 2006.01 )  <i>A61K 38/00</i> ( 2006.01 )  <i>A61K 38/18</i> ( 2006.01 )  <i>A61P 7/06</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2019204127                  (72) SEEHRA, Jasbir; PEARSALL, Robert Scott; KUMAR, Ravindra                  (74) Pearce IP Pty Ltd</p>	<p>(71) Adverum Biotechnologies, Inc.; University of Washington                  (11) AU-A-2021209206                  (21) 2021209206 (22) 27.07.2021                  (54) Compositions and methods for intravitreal delivery of polynucleotides to retinal cones                  (51) Int. Cl.  <i>A61P 27/02</i> ( 2006.01 )  <i>C07K 14/005</i> ( 2006.01 )  <i>C12N 7/00</i> ( 2006.01 )  <i>C12N 15/09</i> ( 2006.01 )  <i>C12N 15/86</i> ( 2006.01 )  <i>C12N 15/861</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2016226289                  (72) Chalberg, Thomas W.; Neitz, Jay; Neitz, Maureen                  (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Angel Group Co., Ltd.                  (11) AU-A-2021209176                  (21) 2021209176 (22) 27.07.2021                  (54) FRAUD DETECTION SYSTEM IN CASINO                  (51) Int. Cl.  <i>G07C 11/00</i> ( 2006.01 )  <i>A47B 25/00</i> ( 2006.01 )  <i>G06T 7/00</i> ( 2017.01 )                  (43) 19.08.2021                  (62) 2019204560                  (72) Shigeta, Yasushi                  (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) ACE PRODUCT DESIGN PTY LTD; LDG Designs Pty Ltd                  (11) AU-A-2021200825                  (21) 2021200825 (22) 10.02.2021                  (54) : This invention is a mechanism for the rapid installation of door jamb systems such as is seen most modern homes and in some commercial applications. It is a simple to use, effective mechanism that is fast and easy to assemble and which permits the fitting of door jambs without the need for a second person nor complex installation methods or special tools. It is an effective means of locking the door jamb in position in order to assure a correctly fitted, plumb and level jamb is installed and consequently, a correctly fitted door.                  (51) Int. Cl.  <i>E06B 1/60</i> ( 2006.01 )  <i>E04G 21/18</i> ( 2006.01 )                  (31) 2020900299 (32) 04.02.20 (33) AU                  (43) 19.08.2021                  (72) Terei, Anaru; Horton, Colin; Leach, Danny                  (74) Ace Product Holdings Pty Ltd</p>	<p>(71) Afton Chemical Corporation                  (11) AU-A-2021206909                  (21) 2021206909 (22) 23.07.2021                  (54) MULTIFUNCTIONAL BRANCHED POLYMERS WITH IMPROVED LOW-TEMPERATURE PERFORMANCE                  (51) Int. Cl.  <i>C10M 143/02</i> ( 2006.01 )  <i>C10M 133/04</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2019202765                  (72) JIANG, Sheng; CARRANZA, Arturo                  (74) Patent Attorney Services</p>	<p>(71) Angel Group Co., Ltd.                  (11) AU-A-2021209177                  (21) 2021209177 (22) 27.07.2021                  (54) FRAUD DETECTION SYSTEM IN CASINO                  (51) Int. Cl.  <i>G07C 11/00</i> ( 2006.01 )  <i>A47B 25/00</i> ( 2006.01 )  <i>G06T 7/00</i> ( 2017.01 )                  (43) 19.08.2021                  (62) 2019204560                  (72) Shigeta, Yasushi                  (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Aguti Produktentwicklung &amp; Design GmbH                  (11) AU-A-2020200737                  (21) 2020200737 (22) 31.01.2020                  (54) Device for moving an actuation lever of a handbrake of a motor vehicle                  (51) Int. Cl.  <i>B60T 7/10</i> ( 2006.01 )</p>	<p>(71) Angel Group Co., Ltd.                  (11) AU-A-2021209205                  (21) 2021209205 (22) 27.07.2021                  (54) Table game management system and game management system                  (51) Int. Cl.  <i>G07F 17/32</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2019203350                  (72) Shigeta, Yasushi                  (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Angel Group Co., Ltd.                  (11) AU-A-2021209210                  (21) 2021209210 (22) 27.07.2021                  (54) Table game management system and game management system                  (51) Int. Cl.  <i>G07F 17/32</i> ( 2006.01 )                  (43) 19.08.2021                  (62) 2019203350                  (72) Shigeta, Yasushi                  (74) Davies Collison Cave Pty Ltd</p>

Applications Open to Public Inspection - Name Index cont'd

- (71) Angiocrine Bioscience, Inc.  
 (11) AU-A-2021209230  
 (21) 2021209230 (22) 28.07.2021  
 (54) BIOCOMPATIBLE IMPLANTS COMPRISING ENGINEERED ENDOTHELIAL CELLS  
 (51) Int. Cl.  
**A61K 35/12** ( 2015.01 )  
**A61F 2/02** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015364383  
 (72) Ginsberg, Michael Daniel; Nolan, Daniel Joseph; Davis, Claude Geoffrey  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Angus Robertson Mechanical Limited  
 (11) AU-A-2021200552  
 (21) 2021200552 (22) 29.01.2021  
 (54) APPARATUS FOR MODIFYING A COATING  
 (51) Int. Cl.  
**B23K 26/362** ( 2014.01 )  
**B23K 26/06** ( 2014.01 )  
**B23K 26/067** ( 2006.01 )  
**B23K 26/352** ( 2014.01 )  
**B23K 26/354** ( 2014.01 )  
**B23K 26/361** ( 2014.01 )  
**B23K 26/40** ( 2014.01 )  
**G02B 26/10** ( 2006.01 )  
**B23K 26/08** ( 2014.01 )  
**G02B 27/09** ( 2006.01 )  
 (31) 761276 (32) 30.01.20 (33) NZ  
 (43) 19.08.2021  
 (72) SEGAR, Grant Desmond; CAMERON, Chris; ROBERTSON, Kirk Angus; HINTERLEITNER, Rolph Leonard; POSSEGGGER, Anton Wolfgang; WU, Hsu-Huei; ANDERSON, Todd Stewart  
 (74) P.L. Berry & Associates Ltd
- 
- (71) Anheuser-Busch InBev S.A.  
 (11) AU-A-2021209179  
 (21) 2021209179 (22) 27.07.2021  
 (54) A method of preparing a beverage from a single-serve container or a kit in parts of single-serve container, said single-serve container and said kit in parts  
 (51) Int. Cl.  
**C12G 3/00** ( 2019.01 )  
**B67D 1/00** ( 2006.01 )  
**C12C 11/11** ( 2019.01 )  
**C12C 13/10** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2017242652  
 (72) Adam, Pierre; Monsanto, Miguel; De Schutter, David  
 (74) Adams Pluck
- 
- (71) Apple Inc.  
 (11) AU-A-2020239675  
 (21) 2020239675 (22) 23.09.2020  
 (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments  
 (51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
**G06F 3/048** ( 2013.01 )  
**G06F 3/0484** ( 2013.01 )
- 
- (71) Apple Inc.  
 (11) AU-A-2020239688  
 (21) 2020239688 (22) 23.09.2020  
 (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments  
 (51) Int. Cl.  
**G06F 3/048** ( 2013.01 )  
 (31) 62/969,647 (32) 03.02.20 (33) US  
 17/018,958 11.09.20 US  
 (43) 19.08.2021  
 (72) DRYER, Allison W.; YERKES, Giancarlo; PAUL, Grant R.; FORSELL, Lisa K.; DASCOLA, Jonathan R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020239691  
 (21) 2020239691 (22) 23.09.2020  
 (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments  
 (51) Int. Cl.  
**G06F 3/048** ( 2013.01 )  
 (31) 62/969,647 (32) 03.02.20 (33) US  
 17/018,994 11.09.20 US  
 (43) 19.08.2021  
 (72) DRYER, Allison W.; YERKES, Giancarlo; PAUL, Grant R.; FORSELL, Lisa K.; DASCOLA, Jonathan R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ArchForm Inc.  
 (11) AU-A-2021209327  
 (21) 2021209327 (22) 30.07.2021  
 (54) Fabrication of dental appliances  
 (51) Int. Cl.  
**A61C 13/00** ( 2006.01 )  
**A61C 13/01** ( 2006.01 )  
**B33Y 70/00** ( 2020.01 )  
 (43) 19.08.2021  
 (62) 2018338636  
 (72) MARTZ, Andrew; MARTZ, Martin  
 (74) FB Rice Pty Ltd
- 
- (71) Aristocrat Technologies, Inc.  
 (11) AU-A-2021200687  
 (21) 2021200687 (22) 03.02.2021  
 (54) System and Method of Providing a Hold and Spin Feature Game with Iterative Awards  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/780,839 (32) 03.02.20 (33) US  
 (43) 19.08.2021  
 (72) Marks, Daniel; Xu, Hua  
 (74) Griffith Hack
- 
- (71) Aspen Aerogels, Inc.  
 (11) AU-A-2021209172  
 (21) 2021209172 (22) 26.07.2021  
 (54) Improved hydrophobic aerogel materials  
 (51) Int. Cl.  
**C01B 33/158** ( 2006.01 )  
**C01B 33/159** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019253873  
 (72) Evans, Owen; Dekraft, Kathryn; Zafropoulos, Nicholas; Dong, Wenting; Mihalcik, David; Gould, George; Melnikova, Irene  
 (74) Griffith Hack
- 
- (71) ASSA ABLOY Opening Solutions Sweden AB  
 (11) AU-A-2021206789  
 (21) 2021206789 (22) 19.07.2021  
 (54) CYLINDER LOCK AND KEY SYSTEM  
 (51) Int. Cl.  
**E05B 19/00** ( 2006.01 )  
**E05B 15/06** ( 2006.01 )  
**E05B 35/10** ( 2006.01 )  
**E05B 27/00** ( 2006.01 )  
**E05B 29/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2017235150  
 (72) Andersson, Daniel  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Athenex Therapeutics Limited  
 (11) AU-A-2021209160  
 (21) 2021209160 (22) 26.07.2021  
 (54) Therapeutic combinations of orally administered paclitaxel and a P-gp inhibitor for the treatment of cancer  
 (51) Int. Cl.  
**A61K 31/475** ( 2006.01 )  
**A61K 31/337** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016295357  
 (72) Kwan, Min-fun Rudolf; Kramer, E. Douglas; Fetterly, Geralk J.; Hung, Cheung-tak; Jackson, Christopher Glyn Charles Alexander; Glue, Paul William  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Auspex Pharmaceuticals, Inc.  
 (11) AU-A-2021209150  
 (21) 2021209150 (22) 26.07.2021

Applications Open to Public Inspection - Name Index cont'd

(54) Methods of manufacturing benzquinoline compounds  
 (51) Int. Cl.  
**C07C 231/02** ( 2006.01 )  
**A61K 31/473** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2020201091  
 (72) Zhang, Chengzhi  
 (74) Allens Patent & Trade Mark Attorneys

(71) Baiera, V.J.  
 (11) AU-A-2021200718  
 (21) 2021200718 (22) 04.02.2021  
 (54) STEP STOOL AND METHOD OF USE  
 (51) Int. Cl.  
**A47C 12/00** ( 2006.01 )  
**A47C 19/00** ( 2006.01 )  
**A47K 3/00** ( 2006.01 )  
**A61G 7/053** ( 2006.01 )  
 (31) 16/782,410 (32) 05.02.20 (33) US  
 17/087,448 02.11.20 US  
 (43) 19.08.2021  
 (72) Baiera, Vincent J.  
 (74) Adams Pluck

(71) Bavarian Nordic A/S  
 (11) AU-A-2021209228  
 (21) 2021209228 (22) 28.07.2021  
 (54) Recombinant modified vaccinia virus Ankara (MVA) filovirus vaccine  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015310909  
 (72) Hochrein, Hubertus; Steigerwald, Robin; Hausmann, Jürgen; Dirmeier, Ulrike; Volkmann, Ariane; Lauterbach, Henning  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

**Baxter Healthcare SA see Baxter International Inc.**  
 (21) 2021209191

(71) Baxter International Inc.; Baxter Healthcare SA  
 (11) AU-A-2021209191  
 (21) 2021209191 (22) 27.07.2021  
 (54) MEDICAL DEVICE DATA INTEGRATION APPARATUS AND METHODS  
 (51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )  
**G06Q 50/22** ( 2018.01 )  
 (43) 19.08.2021  
 (62) 2016308443  
 (72) HANDLER, Jonathan Alan  
 (74) K&L Gates

(71) BCG Partners, Inc.; Lutnick, H.; Novello, J.; Sweeting, M.  
 (11) AU-A-2021209271  
 (21) 2021209271 (22) 29.07.2021  
 (54) SYSTEMS AND METHODS FOR ESTABLISHING FIRST ON THE FOLLOW

TRADING PRIORITY IN ELECTRONIC TRADING SYSTEMS  
 (51) Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
 (43) 19.08.2021  
 (62) 2020200686  
 (72) Lutnick, Howard W.; Noviello, Joseph; Sweeting, Michael  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bell Identification BV  
 (11) AU-A-2021209143  
 (21) 2021209143 (22) 26.07.2021  
 (54) Method and Apparatus for Providing Secure Services Using a Mobile Device  
 (51) Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
 (43) 19.08.2021  
 (62) 2019226230  
 (72) Bouda, Mohammed Chakib  
 (74) Yannie Chan

(71) BIOCONIX PTY LTD.  
 (11) AU-A-2021209209  
 (21) 2021209209 (22) 27.07.2021  
 (54) A SUBSTRATE  
 (51) Int. Cl.  
**A61F 13/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019203778  
 (72) TATE, Melissa L Knothe  
 (74) Houlihan? Pty Ltd

(71) BLY IP Inc.  
 (11) AU-A-2021209152  
 (21) 2021209152 (22) 26.07.2021  
 (54) Systems and methods for releasing a portion of a drill string from a drilling cable  
 (51) Int. Cl.  
**E21B 17/02** ( 2006.01 )  
**E21B 17/05** ( 2006.01 )  
**E21B 47/01** ( 2012.01 )  
 (43) 19.08.2021  
 (62) 2016372033  
 (72) Drenth, Christopher L.; Lachance, Anthony; Lauzon, Michel  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Breville Pty Limited  
 (11) AU-A-2021209231  
 (21) 2021209231 (22) 28.07.2021  
 (54) Kitchen appliance for sensing food and beverage properties  
 (51) Int. Cl.  
**A47J 43/07** ( 2006.01 )  
**A47J 43/06** ( 2006.01 )  
**A47J 44/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016290887  
 (72) Don, Lochana Subasekara Widanagamage; Thomas, Mark Anthony  
 (74) Spruson & Ferguson

(71) Bruin Biometrics, LLC  
 (11) AU-A-2021209233  
 (21) 2021209233 (22) 28.07.2021  
 (54) Measurement of susceptibility to diabetic foot ulcers  
 (51) Int. Cl.  
**A61B 5/053** ( 2021.01 )  
 (43) 19.08.2021  
 (62) 2020204561  
 (72) BURNS, Martin F.; BARRINGTON, Sara; ROSS, Graham O.  
 (74) Spruson & Ferguson

(71) Buffalo Filter LLC  
 (11) AU-A-2021209258  
 (21) 2021209258 (22) 28.07.2021  
 (54) Sensor systems for use in connection with medical procedures  
 (51) Int. Cl.  
**A61B 18/12** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2020202442  
 (72) Reiter, Jason David; Kellner, William; Krajdas, Jay; Shvetsov, Kyrlyo; Scroggins, Robert; Pepe, Gregory; Bonano, Samantha  
 (74) Griffith Hack

(71) Byrock Technologies Limited  
 (11) AU-A-2021209220  
 (21) 2021209220 (22) 27.07.2021  
 (54) Compositions And Methods For Treatment Of Diseases  
 (51) Int. Cl.  
**A61K 39/02** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 201532002  
 (72) Prendergast, Patrick  
 (74) WRAYS PTY LTD

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2021209325  
 (21) 2021209325 (22) 30.07.2021  
 (54) Developer supply system, developer supply container mounting method and developer supply unit  
 (51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2018335798  
 (72) MAKINO, Yusaku; YOMODA, Nobuyuki; GAMO, Yohei  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2021209326  
 (21) 2021209326 (22) 30.07.2021  
 (54) Developer supply container and developer supplying system  
 (51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2018335182  
 (72) GAMO, Yohei; KATO, Daijiro; OIZUMI, Yusuke; OKINO, Ayatomo  
 (74) Spruson & Ferguson

Applications Opens to Public Inspection - Name Index cont'd

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(71) Cantor Index LLC  
 (11) AU-A-2021206924  
 (21) 2021206924 (22) 26.07.2021  
 (54) SYSTEMS AND APPARATUS FOR PROVIDING ADVICE REGARDING GAMING STRATEGIES  
 (51) Int. Cl.  
**A63F 3/00** ( 2006.01 )  
**A63F 9/24** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019232897  
 (72) Amaitis, Lee M.; Asher, Joseph M.; Johnson, James C.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Caterpillar Inc.  
 (11) AU-A-2021200448  
 (21) 2021200448 (22) 22.01.2021  
 (54) METHOD AND SYSTEM FOR DETECTING AN OBSTACLE  
 (51) Int. Cl.  
**G01S 17/93** ( 2020.01 )  
**G01C 21/00** ( 2006.01 )  
**G01S 15/86** ( 2020.01 )  
 (31) 16/782,980 (32) 05.02.20 (33) US  
 (43) 19.08.2021  
 (72) Friend, Paul  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Caterpillar Inc.  
 (11) AU-A-2021200594  
 (21) 2021200594 (22) 29.01.2021  
 (54) CONFIGURATION OF A LIDAR SENSOR SCAN AREA ACCORDING TO A CYCLE SEGMENT OF AN OPERATION OF A MACHINE  
 (51) Int. Cl.  
**G01S 17/88** ( 2006.01 )  
**G01S 17/89** ( 2020.01 )  
**G05D 1/02** ( 2020.01 )  
 (31) 16/781,759 (32) 04.02.20 (33) US  
 (43) 19.08.2021  
 (72) FRIEND, Paul R.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Celgene Corporation  
 (11) AU-A-2021209158  
 (21) 2021209158 (22) 26.07.2021  
 (54) Methods of treating multiple myeloma with immunomodulatory compounds in combination with antibodies  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61K 35/28** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015305449  
 (72) Thakurta, Anjan; Hussein, Mohamed; Jacques, Christian  
 (74) FB Rice Pty Ltd

Central Adelaide Local Health Network Inc.  
 see University of South Australia  
 (21) 2021209168

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(71) Centripetal Networks, Inc.  
 (11) AU-A-2021209277  
 (21) 2021209277 (22) 29.07.2021  
 (54) Efficient packet capture for cyber threat analysis  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016384755  
 (72) Ahn, David K.; Moore, Sean  
 (74) MINTER ELLISON

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(71) CFPH, LLC  
 (11) AU-A-2021209225  
 (21) 2021209225 (22) 28.07.2021  
 (54) SYSTEM AND METHOD FOR CONVENIENCE GAMING  
 (51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
 (43) 19.08.2021  
 (62) 2019216632  
 (72) Amaitis, Lee M.; ASHER, Joseph M.; Lutnick, Howard W.; Mylet, Darrin M.; Wilkins, Alan B.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) CFPH, LLC  
 (11) AU-A-2021209321  
 (21) 2021209321 (22) 30.07.2021  
 (54) POINT AND/OR MONEY BASED GAMING  
 (51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
 (43) 19.08.2021  
 (62) 2019200864  
 (72) Amaitis, Lee; Williams, Paul; Glantz, Nolan  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Convergene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services  
 (11) AU-A-2021209257  
 (21) 2021209257 (22) 28.07.2021  
 (54) Bicyclic BET bromodomain inhibitors and uses thereof  
 (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/4706** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 239/84** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )

(43) 19.08.2021  
 (62) 2016361444  
 (72) Strovel, Jeffrey William; Yoshioka, Makoto.; Maloney, David J.; Yang, Shyh Ming; Jadhav, Ajit; Urban, Daniel Jason  
 (74) Spruson & Ferguson

---

(71) CORDIS CORPORATION  
 (11) AU-A-2021209219  
 (21) 2021209219 (22) 27.07.2021  
 (54) Endoprosthesis with predetermined curvature formed by tri-tethers  
 (51) Int. Cl.  
**A61F 2/07** ( 2013.01 )  
 (43) 19.08.2021  
 (62) 2019208257  
 (72) MAJERCAK, David C.  
 (74) Griffith Hack

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(71) Coupang Corp.  
 (11) AU-A-2020281088  
 (21) 2020281088 (22) 17.07.2020  
 (54) Method of controlling conveyor and electronic apparatus therefor  
 (51) Int. Cl.  
**B65G 43/08** ( 2006.01 )  
 (31) 10-2020-0013949 (32) 05.02.20 (33) KR  
 (43) 19.08.2021  
 (72) KIM, Jae Hyun; LEE, Gyung Seok; JUNG, Hyun Yop; PARK, Woo Jung  
 (74) Griffith Hack

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(71) CRISI Medical Systems, Inc.  
 (11) AU-A-2021209331  
 (21) 2021209331 (22) 30.07.2021  
 (54) Flow sensor system with absorber  
 (51) Int. Cl.  
**A61M 5/168** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**G01F 1/66** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2020202269  
 (72) Dekalb, Shawn Wayne  
 (74) FB Rice Pty Ltd

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(71) Crown Equipment Corporation  
 (11) AU-A-2021209146  
 (21) 2021209146 (22) 26.07.2021  
 (54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE  
 (51) Int. Cl.  
**G08C 17/02** ( 2006.01 )  
**B60L 1/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019426894  
 (72) WOODRUFF, Vern I.; LUTHMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIRING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey  
 (74) BOSH IP Pty Ltd

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(71) Cytec Industries Inc.  
 (11) AU-A-2021209170  
 (21) 2021209170 (22) 26.07.2021

Applications Open to Public Inspection - Name Index cont'd

- (54) STABILIZER COMPOSITIONS AND METHODS FOR USING SAME FOR PROTECTING ORGANIC MATERIALS FROM UV LIGHT AND THERMAL DEGRADATION
- (51) Int. Cl.  
**C08K 5/00** ( 2006.01 )  
**C08K 5/132** ( 2006.01 )  
**C08K 5/3475** ( 2006.01 )  
**C08K 5/3492** ( 2006.01 )  
**C08K 5/357** ( 2006.01 )
- (43) 19.08.2021  
(62) 2020201502  
(72) Eng, J. Mon Hei; Kozakiewicz, Joseph; Gupta, Ram B.; Cho, Jian-yang; Ryles, Roderick G.; Khawam, Fadi  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Data Revolution Technologies (Pty) Ltd.  
(11) AU-A-2020200781  
(21) 2020200781 (22) 04.02.2020  
(54) Social Media platform, with rewards for posted content based on the influence of the content.  
(51) Int. Cl.  
**G06Q 50/00** ( 2012.01 )  
**G06Q 20/06** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )
- (43) 19.08.2021  
(72) Heaton, Patrick; Francis, Mark  
(74) Chainsulting
- 
- (71) Day, J.R.F.  
(11) AU-A-2021200617  
(21) 2021200617 (22) 29.01.2021  
(54) SPORTS TRAINING DEVICE  
(51) Int. Cl.  
**A63B 47/00** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**A63B 63/00** ( 2006.01 )  
**A63B 63/08** ( 2006.01 )
- (31) 2020900256 (32) 30.01.20 (33) AU  
(43) 19.08.2021  
(72) Day, Julian Robert Felstead  
(74) protectmyidea.com.au
- 
- (71) Decibullz LLC  
(11) AU-A-2021209142  
(21) 2021209142 (22) 26.07.2021  
(54) Earpiece intra-auricular support system  
(51) Int. Cl.  
**H04R 1/10** ( 2006.01 )  
**H04R 1/00** ( 2006.01 )  
**H04R 25/00** ( 2006.01 )  
**H04R 25/02** ( 2006.01 )
- (43) 19.08.2021  
(62) 2018210187  
(72) Kirkpatrick, Kyle J.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Deep Coal Technologies Pty Ltd  
(11) AU-A-2021200590  
(21) 2021200590 (22) 29.01.2021  
(54) A METHOD FOR THE EXTRACTION OF HYDROCARBON  
(51) Int. Cl.  
**E21B 43/25** ( 2006.01 )
- E21B 29/08** ( 2006.01 )  
**E21B 43/18** ( 2006.01 )  
**E21B 33/068** ( 2006.01 )  
**E21B 33/12** ( 2006.01 )
- (31) 2020900274 (32) 31.01.20 (33) AU  
(43) 19.08.2021  
(72) Dunlop, Erik Christopher; Warner, David Sword  
(74) Madderns Pty Ltd
- 
- (71) DEKA Products Limited Partnership  
(11) AU-A-2021209222  
(21) 2021209222 (22) 27.07.2021  
(54) System and apparatus for electronic patient care using web services  
(51) Int. Cl.  
**G16H 20/17** ( 2018.01 )  
**G16H 40/63** ( 2018.01 )  
**G16H 40/67** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )
- (43) 19.08.2021  
(62) 2020204371  
(72) KAMEN, Dean; BIASI, John J.  
(74) Griffith Hack
- 
- (71) Dexcom, Inc.  
(11) AU-A-2021209163  
(21) 2021209163 (22) 26.07.2021  
(54) Systems and methods for transmitting and continuous monitoring of analyte values  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )
- (43) 19.08.2021  
(62) 2019257396  
(72) HERNANDEZ-ROSAS, Jose Hector; LARVENZ, Shawn; DERVAES, Mark; GAUBA, Indrawati; MENSINGER, Michael Robert; COHEN, Eric; SMITH, Brian Christopher; VALDES, Jorge; LEACH, Jacob S.  
(74) FB Rice Pty Ltd
- 
- (71) Dexcom, Inc.  
(11) AU-A-2021209288  
(21) 2021209288 (22) 29.07.2021  
(54) System and method for communication of analyte data  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )
- (43) 19.08.2021  
(62) 2020201726  
(72) HAMPAPURAM, Hari; KAMATH, Apurv Ullas; PASCUAL, Francis William; CHUM DEW, Darin Edward; MANDAPAKA, Aditya; AMIDEI, James Stephen; BURNETTE, Douglas William; PENDER, William A.; PAUL, Nathanael; PLOOF, Michael A.  
(74) FB Rice Pty Ltd
- 
- (71) Donmark Holdings Inc.  
(11) AU-A-2021200620  
(21) 2021200620 (22) 01.02.2021  
(54) Suspension and control head apparatus for aerial firefighting bucket  
(51) Int. Cl.
- A62C 3/02** ( 2006.01 )  
**A62C 37/00** ( 2006.01 )
- (31) 62/970,120 (32) 04.02.20 (33) US  
(43) 19.08.2021  
(72) Arney, Donald; Brooke, Peter  
(74) AJ Pietras IP Limited
- 
- (71) du Boulay Pty Ltd ATFTThe du Boulay Superannuation Fund  
(11) AU-A-2020200702  
(21) 2020200702 (22) 30.01.2020  
(54) Passive Great White Shark Deterrent  
(51) Int. Cl.  
**A01K 79/02** ( 2006.01 )  
**A01M 29/16** ( 2011.01 )
- (43) 19.08.2021  
(72) du Boulay, Errol  
(74) du Boulay Pty Ltd ATFTThe du Boulay Superannuation Fund
- 
- (71) Endeavour Mental Health Recovery Clubhouse  
(11) AU-A-2020200809  
(21) 2020200809 (22) 05.02.2020  
(54) Mental health application  
(51) Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**G06F 3/0482** ( 2013.01 )  
**G06Q 50/22** ( 2018.01 )  
**G16H 10/20** ( 2018.01 )  
**G16H 20/70** ( 2018.01 )  
**G16H 50/50** ( 2018.01 )
- (43) 19.08.2021  
(72) McIntosh, Nicole  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Eutech Cybernetic Pte Ltd  
(11) AU-A-2021209140  
(21) 2021209140 (22) 26.07.2021  
(54) Integration platform to enable operational intelligence and user journeys for smart cities and the internet of things  
(51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )
- (43) 19.08.2021  
(62) 2016217500  
(72) Wewalaarachchi, Bandu J.; Shivanan, Haran; Gunasingham, Haritharan  
(74) Griffith Hack
- 
- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2021206925  
(21) 2021206925 (22) 26.07.2021  
(54) [1,2,3]triazolo[4,5-d]pyrimidine derivatives with affinity for the type-2 cannabinoid receptor  
(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 19.08.2021  
 (62) 2017283136  
 (72) GOBBI, Luca; GREYER, Uwe; GUBA, Wolfgang; KRETZ, Julian; MARTIN, Rainer E.; WESTPHAL, Matthias  
 (74) Spruson & Ferguson

(71) Fast IP, LLC  
 (11) AU-A-2021209273  
 (21) 2021209273 (22) 29.07.2021  
 (54) RAPID-ENTRY FOOTWEAR HAVING A COMPRESSIBLE LATTICE STRUCTURE  
 (51) Int. Cl.  
 A43B 1/00 ( 2006.01 )  
 A43B 3/00 ( 2006.01 )  
 A43B 7/08 ( 2006.01 )  
 A43B 7/16 ( 2006.01 )  
 A43B 7/32 ( 2006.01 )  
 A43B 21/00 ( 2006.01 )  
 A43B 21/02 ( 2006.01 )

(43) 19.08.2021  
 (62) 2019420589  
 (72) CHENEY, Craig; HERMANN, Steven  
 (74) Adams Pluck

(71) Genentech, Inc.  
 (11) AU-A-2021209196  
 (21) 2021209196 (22) 27.07.2021  
 (54) Methods of conjugating an agent to a thiol moiety in a protein that contains at least one trisulfide bond  
 (51) Int. Cl.  
 C07K 1/113 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015294389  
 (72) FRANKLIN, Jayme; LIN, Xin Xin; GORRELL, Jeffrey; TULLY, Timothy; HUTCHINSON, Matthew; BECHTEL, Charity Tucker  
 (74) Spruson & Ferguson

(71) Genesis Systems LLC  
 (11) AU-A-2021209303  
 (21) 2021209303 (22) 29.07.2021  
 (54) Atmospheric Water Generation Systems and Methods  
 (51) Int. Cl.  
 E03B 3/28 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2017382848  
 (72) Stuckenberg, David J.  
 (74) Griffith Hack

(71) GE Video Compression, LLC  
 (11) AU-A-2021209284  
 (21) 2021209284 (22) 29.07.2021  
 (54) Entropy coding of motion vector differences  
 (51) Int. Cl.  
 H03M 7/42 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019203792  
 (72) GEORGE, Valeri; BROSS, Benjamin; KIRCHHOFFER, Heiner; MARPE, Detlev; NGUYEN, Tung; PREISS, Mat-

thias; SIEKMANN, Mischa; STEGEMANN, Jan; WIEGAND, Thomas  
 (74) Griffith Hack

(71) Gilead Apollo, LLC  
 (11) AU-A-2021209149  
 (21) 2021209149 (22) 26.07.2021  
 (54) Solid forms of a thienopyrimidinedione ACC inhibitor and methods for production thereof  
 (51) Int. Cl.  
 C07D 495/04 ( 2006.01 )  
 A61K 31/519 ( 2006.01 )  
 A61P 3/00 ( 2006.01 )  
 A61P 3/06 ( 2006.01 )

(43) 19.08.2021  
 (62) 2017226267  
 (72) Alexander, Katy; Amedio Jr, John C.; Calimsiz, Selcuk; Geier, Michael; Harriman, Geraldine C.; Hu, Sijun; Lawson, Jon P.; Morrison, Henry; Sabourin, Kyle; Scott, Mark E.; Varghese, Vimal; Varia, Kunal Arvind; Wang, Xiaotian; Yang, Xiaowei  
 (74) FPA Patent Attorneys Pty Ltd

(71) Gilead Sciences, Inc.  
 (11) AU-A-2021206907  
 (21) 2021206907 (22) 23.07.2021  
 (54) Solid forms of an HIV capsid inhibitor  
 (51) Int. Cl.  
 C07D 401/14 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 31/18 ( 2006.01 )

(43) 19.08.2021  
 (62) 2018317833  
 (72) SHI, Bing  
 (74) Davies Collison Cave Pty Ltd

(71) Group One Limited  
 (11) AU-A-2021209276  
 (21) 2021209276 (22) 29.07.2021  
 (54) TENNIS LET DETECTION SYSTEM WITH SHOT CLOCK CONTROL  
 (51) Int. Cl.  
 A63B 71/06 ( 2006.01 )  
 (31) 17/212,184 (32) 25.03.21 (33) US  
 (43) 19.08.2021  
 (62) 2019226223  
 (72) GOLDSTEIN, Fredric  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Grünenthal GmbH  
 (11) AU-A-2021209200  
 (21) 2021209200 (22) 27.07.2021  
 (54) Salts or co-crystals of 3-(3-dimethylamino-1-ethyl-2-methyl-propyl)-phenol  
 (51) Int. Cl.  
 C07D 275/06 ( 2006.01 )  
 A61K 31/137 ( 2006.01 )  
 C07C 59/255 ( 2006.01 )  
 C07C 215/54 ( 2006.01 )  
 C07D 239/545 ( 2006.01 )  
 C07D 291/06 ( 2006.01 )

(43) 19.08.2021  
 (62) 2020264314  
 (72) GRUSS, Michael; KRASZEWSKI, Magda  
 (74) Spruson & Ferguson

(71) Guangdong OPPO Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2021209147  
 (21) 2021209147 (22) 26.07.2021  
 (54) Signal transmission method, terminal device and network device  
 (51) Int. Cl.  
 H04W 52/14 ( 2009.01 )  
 (43) 19.08.2021  
 (62) 2017440897  
 (72) CHEN, Wenhong; SHI, Zhihua  
 (74) Davies Collison Cave Pty Ltd

(71) Haynes, A.L.  
 (11) AU-A-2021200578  
 (21) 2021200578 (22) 29.01.2021  
 (54) A plumbing fitting  
 (51) Int. Cl.  
 F16L 55/11 ( 2006.01 )  
 E03B 7/00 ( 2006.01 )  
 E03C 1/02 ( 2006.01 )  
 F16L 55/07 ( 2006.01 )  
 (31) 62/968,381 (32) 31.01.20 (33) US  
 (43) 19.08.2021  
 (72) Haynes, Andrew Leo  
 (74) AJ PARK

(71) Hi.Q, Inc.  
 (11) AU-A-2021209244  
 (21) 2021209244 (22) 28.07.2021  
 (54) System And Method For Providing A Health Determination Service Based On User Knowledge And Activity  
 (51) Int. Cl.  
 G09B 7/04 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015346070  
 (72) JIAO, Shuo; SHAH, Munjal; SINGH, Ardaman  
 (74) WRAYS PTY LTD

(71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-A-2021200246  
 (21) 2021200246 (22) 15.01.2021  
 (54) INJECTION MOLDING FEEDSTOCK DELIVERY SYSTEM  
 (51) Int. Cl.  
 B22F 12/50 ( 2021.01 )  
 B22F 3/22 ( 2006.01 )  
 (31) 62/968,205 (32) 31.01.20 (33) US  
 (43) 19.08.2021  
 (72) JULIEN, Benoit; MOURSKI, Alexei; STE-MARIE, Michael  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2021209155  
 (21) 2021209155 (22) 26.07.2021

Applications Open to Public Inspection - Name Index cont'd

- (54) REGISTRATION METHOD, SESSION ESTABLISHMENT METHOD, TERMINAL, AND AMF ENTITY  
(51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
(43) 19.08.2021  
(62) 2017419197  
(72) Yang, Haorui; Jin, Hui; Ouyang, Guo-wei; He, Yue; Dou, Fenghui; Li, Xiaojuan  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021209226  
(21) 2021209226 (22) 28.07.2021  
(54) Display method and apparatus  
(51) Int. Cl.  
*G06F 3/14* ( 2006.01 )  
*H04M 1/725* ( 2021.01 )  
*H04N 5/74* ( 2006.01 )  
(43) 19.08.2021  
(62) 2017418882  
(72) ZHU, Dengkui; WANG, Quanquan  
(74) Spruson & Ferguson
- 
- (71) Hydrason Solutions Limited  
(11) AU-A-2021204692  
(21) 2021204692 (22) 05.07.2021  
(54) Improvements in or relating to Sonar Apparatus  
(51) Int. Cl.  
*G01S 5/10* ( 2006.01 )  
*G01N 29/00* ( 2006.01 )  
*G01S 15/00* ( 2020.01 )  
*G01S 15/10* ( 2006.01 )  
*G01S 15/89* ( 2006.01 )  
(43) 19.08.2021  
(62) 2019213353  
(72) Capus, Christopher Glyn; Pailhas, Yan; Brown, Keith Edgar  
(74) Michael Buck IP
- 
- (71) Ichnos Sciences SA  
(11) AU-A-2021209148  
(21) 2021209148 (22) 26.07.2021  
(54) Methods of inactivating viral contaminants  
(51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 41/00* ( 2020.01 )  
(43) 19.08.2021  
(62) 2018320524  
(72) Abrantes, Filipa; Letestu, Sonia; Cahuzac, Laure; Duarte, Lionel  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) IGT  
(11) AU-A-2021200673  
(21) 2021200673 (22) 03.02.2021  
(54) MOBILE DEVICE FACILITATED REDEMPTION OF GAMING ESTABLISHMENT TICKET VOUCHERS  
(51) Int. Cl.  
*G06Q 20/06* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )  
*G07F 17/00* ( 2006.01 )
- 
- (31) 16/782,905 (32) 05.02.20 (33) US  
(43) 19.08.2021  
(72) Shepherd, Jeffery; Higgins, Kevin  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Immatix Biotechnologies GmbH  
(11) AU-A-2021207620  
(21) 2021207620 (22) 26.07.2021  
(54) UTERINE CANCER TREATMENTS  
(51) Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
(43) 19.08.2021  
(62) 2017229149  
(72) Mahr, Andrea; Weinschenk, Toni; Song, Colette; Schoor, Oliver; Fritsche, Jens; Singh, Harpreet  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Immune Macro-Biotic Technology UK Limited  
(11) AU-A-2021209255  
(21) 2021209255 (22) 28.07.2021  
(54) IMMUNITY GENERATION  
(51) Int. Cl.  
*A61K 35/64* ( 2015.01 )  
(43) 19.08.2021  
(62) 2015348150  
(72) LEONARD, Christopher Jeremy  
(74) Patent Attorney Services
- 
- (71) Immunogen, Inc.  
(11) AU-A-2021206918  
(21) 2021206918 (22) 24.07.2021  
(54) Cytotoxic benzodiazepine derivatives  
(51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
(43) 19.08.2021  
(62) 2019206132  
(72) LI, Wei; MILLER, Michael; FISHKIN, Nathan; CHARI, Ravi V.J.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Imprenditore Pty Limited  
(11) AU-A-2021209189  
(21) 2021209189 (22) 27.07.2021  
(54) Power Monitoring and Signal Unit  
(51) Int. Cl.  
*H04L 12/26* ( 2006.01 )  
*H04B 17/00* ( 2015.01 )  
(43) 19.08.2021  
(62) 2019203612  
(72) RICE, Patrick Jeremy  
(74) Wallington-Dummer
- 
- (71) INGU Solutions Inc.  
(11) AU-A-2021200656  
(21) 2021200656 (22) 02.02.2021  
(54) System, method and device for fluid conduit inspection  
(51) Int. Cl.  
*G01N 27/82* ( 2006.01 )
- 
- (31) 62/969,330 (32) 03.02.20 (33) US  
62/979,831 21.02.20 US  
(43) 19.08.2021  
(72) SHAND, Zachary; VAN POL, Johannes Hubertus Gerardus; VAN POL, Anouk  
(74) Spruson & Ferguson
- 
- (71) Intuit, Inc.  
(11) AU-A-2021209320  
(21) 2021209320 (22) 30.07.2021  
(54) System for pushing transactional data  
(51) Int. Cl.  
*G06Q 20/38* ( 2012.01 )  
*G06Q 20/04* ( 2012.01 )  
*G06Q 20/10* ( 2012.01 )  
(43) 19.08.2021  
(62) 2018276027  
(72) ARYA, Amit; VOGEL, Peter Allen; KUN-JACHAN, George Chiramattel  
(74) Davies Collison Cave Pty Ltd
- 
- (71) IP Key Pty Ltd  
(11) AU-A-2021205097  
(21) 2021205097 (22) 15.07.2021  
(54) Frameworks and methodologies configured to enable integration of booking and access control for service providers  
(51) Int. Cl.  
*G06Q 10/02* ( 2012.01 )  
*G06Q 50/12* ( 2012.01 )  
(43) 19.08.2021  
(62) 2015292255  
(72) Caffo, Giuseppe Maria; Crestani, Lawrence  
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Janssen Vaccines & Prevention B.V.  
(11) AU-A-2021209185  
(21) 2021209185 (22) 27.07.2021  
(54) Stabilized soluble pre-fusion RSV F proteins  
(51) Int. Cl.  
*C07K 14/005* ( 2006.01 )  
*A61K 35/12* ( 2015.01 )  
*A61K 39/12* ( 2006.01 )  
(43) 19.08.2021  
(62) 2017248021  
(72) Krarup, Anders; Langedijk, Johannes Petrus Maria  
(74) Shelston IP Pty Ltd.
- 
- (71) Juniper Networks, Inc.  
(11) AU-A-2020203513  
(21) 2020203513 (22) 28.05.2020  
(54) Detecting VLAN misconfiguration  
(51) Int. Cl.  
*H04W 40/24* ( 2009.01 )  
*H04L 12/46* ( 2006.01 )  
(31) 16/782,568 (32) 05.02.20 (33) US  
(43) 19.08.2021  
(72) WANG, Jisheng  
(74) FB Rice Pty Ltd
- 
- (71) Juniper Networks, Inc.  
(11) AU-A-2020220052



Applications Open to Public Inspection - Name Index cont'd

(21) 2020220052 (22) 17.08.2020  
 (54) Guided alignment of wireless device orientation  
 (51) Int. Cl.  
*H04W 64/00* ( 2009.01 )  
*H04W 48/08* ( 2009.01 )  
 (31) 62/968,754 (32) 31.01.20 (33) US  
 63/011,851 17.04.20 US  
 16/915,336 29.06.20 US  
 (43) 19.08.2021  
 (72) CASTAGNOLI, Neal Dante; SHAFFER, Shmuel  
 (74) FB Rice Pty Ltd

(71) Juniper Networks, Inc.  
 (11) AU-A-2020223749  
 (21) 2020223749 (22) 28.08.2020  
 (54) Aligned multi-wireless device location determination  
 (51) Int. Cl.  
*G01S 5/08* ( 2006.01 )  
*G01S 3/46* ( 2006.01 )  
*G01S 5/14* ( 2006.01 )  
*H04W 4/029* ( 2018.01 )  
 (31) 62/968,754 (32) 31.01.20 (33) US  
 63/011,851 17.04.20 US  
 16/915,615 29.06.20 US  
 (43) 19.08.2021  
 (72) CASTAGNOLI, Neal Dante; SHAFFER, Shmuel  
 (74) FB Rice Pty Ltd

(71) Juniper Networks, Inc.  
 (11) AU-A-2020239637  
 (21) 2020239637 (22) 22.09.2020  
 (54) Location determination based on phase differences  
 (51) Int. Cl.  
*G01S 19/04* ( 2010.01 )  
*G01S 5/02* ( 2010.01 )  
*H04W 4/18* ( 2009.01 )  
 (31) 62/968,754 (32) 31.01.20 (33) US  
 16/915,447 29.06.20 US  
 (43) 19.08.2021  
 (72) CASTAGNOLI, Neal Dante  
 (74) FB Rice Pty Ltd

(71) Juniper Networks, Inc.  
 (11) AU-A-2020257056  
 (21) 2020257056 (22) 20.10.2020  
 (54) Multi-wireless device location determination  
 (51) Int. Cl.  
*H04W 64/00* ( 2009.01 )  
*H04W 4/029* ( 2018.01 )  
 (31) 62/968,754 (32) 31.01.20 (33) US  
 63/011,851 17.04.20 US  
 16/915,381 29.06.20 US  
 (43) 19.08.2021  
 (72) CASTAGNOLI, Neal Dante; SHAFFER, Shmuel  
 (74) FB Rice Pty Ltd

(71) Juno Therapeutics, Inc.  
 (11) AU-A-2021209195  
 (21) 2021209195 (22) 27.07.2021

(54) Methods for isolating, culturing, and genetically engineering immune cell populations for adoptive therapy  
 (51) Int. Cl.  
*C12N 5/0781* ( 2010.01 )  
*C12N 5/0783* ( 2010.01 )  
 (43) 19.08.2021  
 (62) 2015249554  
 (72) Ramsborg, Chris; Bonyhadi, Mark L.; Chan, Calvin; Beauchesne, Pascal  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Juul Labs, Inc.  
 (11) AU-A-2021209322  
 (21) 2021209322 (22) 30.07.2021  
 (54) Vaporization device systems and methods  
 (51) Int. Cl.  
*A24F 1/22* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019246867  
 (72) MONSEES, James; BOWEN, Adam; HATTON, Cole; CHRISTENSEN, Steven; ATKINS, Ariel; LOMELI, Kevin; HIBMACRONAN, Christopher Nicholas; MORENSTEIN, Joshua  
 (74) Spruson & Ferguson

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-A-2021209194  
 (21) 2021209194 (22) 27.07.2021  
 (54) Disposable product quantification and management  
 (51) Int. Cl.  
*G06Q 10/10* ( 2012.01 )  
 (43) 19.08.2021  
 (62) 2014410207  
 (72) ROBERTSON, John C.; LONG, Andrew Mark; SULLIVAN, Shawn Jeffery; BOULOS, Jonathan D.  
 (74) Spruson & Ferguson

LDG Designs Pty Ltd see ACE PRODUCT DESIGN PTY LTD  
 (21) 2021200825

(71) LG Electronics Inc.  
 (11) AU-A-2021209262  
 (21) 2021209262 (22) 28.07.2021  
 (54) Robot cleaner  
 (51) Int. Cl.  
*A47L 9/28* ( 2006.01 )  
*A47L 9/10* ( 2006.01 )  
*A47L 9/16* ( 2006.01 )  
*A47L 9/18* ( 2006.01 )  
*B25J 9/00* ( 2006.01 )  
*B25J 9/16* ( 2006.01 )  
*B25J 11/00* ( 2006.01 )  
*B25J 19/02* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2017266814  
 (72) Nam, Bohyun; Shim, Inbo; Sung, Ji-hoon; Park, Sojin; Song, Seunghyun; Lee, Sangkyu; Jun, Woochan  
 (74) Griffith Hack

(71) LG ELECTRONICS INC.  
 (11) AU-A-2021200720  
 (21) 2021200720 (22) 04.02.2021  
 (54) CLEANER  
 (51) Int. Cl.  
*A47L 9/28* ( 2006.01 )  
*A47L 5/00* ( 2006.01 )  
 (31) 10-2020-0013375 (32) 04.02.20 (33) KR  
 (43) 19.08.2021  
 (72) LEE, Dongjae; RYU, Jungwan; CHANG, Daeho; YANG, Jaesung  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Linfox Armaguard Pty Ltd  
 (11) AU-A-2021206922  
 (21) 2021206922 (22) 26.07.2021  
 (54) Coin Bin  
 (51) Int. Cl.  
*G07F 9/06* ( 2006.01 )  
*G07D 9/00* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016267389  
 (72) Costa, Fernando; Whitley, Kevin  
 (74) Zone Patents Limited

(71) Linked Group Services Pty Ltd  
 (11) AU-A-2020200749  
 (21) 2020200749 (22) 31.01.2020  
 (54) Trailer Stacking System  
 (51) Int. Cl.  
*B65F 1/02* ( 2006.01 )  
*B60P 1/64* ( 2006.01 )  
*B65D 19/02* ( 2006.01 )  
*B65D 19/08* ( 2006.01 )  
*B65D 19/38* ( 2006.01 )  
*B65D 19/42* ( 2006.01 )  
*B65F 1/14* ( 2006.01 )  
*B65F 1/16* ( 2006.01 )  
 (43) 19.08.2021  
 (72) Shaw, Peter  
 (74) Spruson & Ferguson

(71) LJCA Healthcare Pty Ltd  
 (11) AU-A-2021200613  
 (21) 2021200613 (22) 29.01.2021  
 (54) Pressure Injury Prevention System  
 (51) Int. Cl.  
*G08B 21/04* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G08B 25/00* ( 2006.01 )  
*G08B 26/00* ( 2006.01 )  
*G16H 20/30* ( 2018.01 )  
*A61B 5/11* ( 2006.01 )  
 (31) 2020900244 (32) 30.01.20 (33) AU  
 (43) 19.08.2021  
 (72) YUZHAKOV, Vladimir  
 (74) Wallington-Dummer

Lutnick, H. see BCG Partners, Inc.  
 (21) 2021209271

(71) Magic Leap, Inc.  
 (11) AU-A-2021209169  
 (21) 2021209169 (22) 26.07.2021

Applications Open to Public Inspection - Name Index cont'd

(54) Virtual and augmented reality systems and methods  
 (51) Int. Cl.  
**G06T 19/20** ( 2011.01 )  
**G06T 17/00** ( 2006.01 )  
**H04N 13/30** ( 2018.01 )  
 (43) 19.08.2021  
 (62) 2016308731  
 (72) Rodriguez, Jose Felix; Perez, Ricardo Martinez  
 (74) Davies Collison Cave Pty Ltd

(71) Maquet Cardiopulmonary GmbH  
 (11) AU-A-2021206919  
 (21) 2021206919 (22) 25.07.2021  
 (54) USER INTERFACE  
 (51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
**G06F 3/0483** ( 2013.01 )  
 (43) 19.08.2021  
 (62) 2016336420  
 (72) Ebler, Ralph J.; Medart, Daniel; Hyde, Aidan; Jones, Dwayne; Ashton, Wesley Scott  
 (74) PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD

(71) Massachusetts Institute of Technology  
 (11) AU-A-2021209186  
 (21) 2021209186 (22) 27.07.2021  
 (54) DEVICES INCORPORATING A LIQUID-IMPREGNATED SURFACE  
 (51) Int. Cl.  
**B08B 17/06** ( 2006.01 )  
**B32B 33/00** ( 2006.01 )  
**B64D 15/00** ( 2006.01 )  
**C09D 5/16** ( 2006.01 )  
**C04B 111/20** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019216670  
 (72) Dhiman, Rajeev; Smith, David J.; Varanasi, Kripa K.; Reza-Garduno Cabello, Ernesto  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**McAuliffe, M. see Smith & Nephew Surgical Pty Ltd**  
 (21) 2021209286

(71) MedImmune Limited  
 (11) AU-A-2021209207  
 (21) 2021209207 (22) 27.07.2021  
 (54) ANTIBODIES TO TICAGRELOR AND METHODS OF USE  
 (51) Int. Cl.  
**C07K 16/44** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015326869  
 (72) Buchanan, Andrew; Nylander, Sven; Penney, Mark; Newton, Philip; Keyes, Feenagh; Inghardt, Tord  
 (74) Phillips Ormonde Fitzpatrick

(71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-A-2021209249  
 (21) 2021209249 (22) 28.07.2021  
 (54) Specification of functional cranial placode derivatives from human pluripotent stem cells  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2014352773  
 (72) CHAMBERS, Stuart; STUDER, Lorenz; DINCER, Zehra; ZIMMER, Bastian  
 (74) Spruson & Ferguson

(71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-A-2021209292  
 (21) 2021209292 (22) 29.07.2021  
 (54) Specification of functional cranial placode derivatives from human pluripotent stem cells  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2014352773  
 (72) Chambers, Stuart; Studer, Lorenz; Dincer, Zehra; Zimmer, Bastian  
 (74) Spruson & Ferguson

(71) Mesinja Pty Ltd  
 (11) AU-A-2021209164  
 (21) 2021209164 (22) 26.07.2021  
 (54) Systems and computer-implemented methods for generating pseudo random numbers  
 (51) Int. Cl.  
**G06F 7/58** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
**G06F 7/552** ( 2006.01 )  
**G06F 17/17** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
**H04L 9/06** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2021200062  
 (72) Shorten, Robert Bede  
 (74) FB Rice Pty Ltd

(71) Mesinja Pty Ltd  
 (11) AU-A-2021209165  
 (21) 2021209165 (22) 26.07.2021  
 (54) Systems and computer-implemented methods for generating pseudo random numbers  
 (51) Int. Cl.  
**G06F 7/58** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
**G06F 7/552** ( 2006.01 )  
**G06F 17/17** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
**H04L 9/06** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2021200063  
 (72) Shorten, Robert Bede  
 (74) FB Rice Pty Ltd

(71) MICHAUD  
 (11) AU-A-2021200162  
 (21) 2021200162 (22) 13.01.2021  
 (54) SYSTEM FOR PROTECTING A FLUID CONDUIT  
 (51) Int. Cl.  
**F16L 57/06** ( 2006.01 )  
 (31) 20/01030 (32) 03.02.20 (33) FR  
 (43) 19.08.2021  
 (72) Jacquot, Michael  
 (74) Phillips Ormonde Fitzpatrick

(71) Morf, LLC  
 (11) AU-A-2021209162  
 (21) 2021209162 (22) 26.07.2021  
 (54) MODULAR ACTIVITY BOARD  
 (51) Int. Cl.  
**A63B 21/04** ( 2006.01 )  
**A63B 22/14** ( 2006.01 )  
**A63B 22/16** ( 2006.01 )  
**A63B 22/20** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016260303  
 (72) Kramer, Eitan; Bleck, Frank; Bergman, Eric Michael  
 (74) Phillips Ormonde Fitzpatrick

(71) Muoio, G.  
 (11) AU-A-2021200120  
 (21) 2021200120 (22) 11.01.2021  
 (54) CLIP  
 (51) Int. Cl.  
**A45F 5/10** ( 2006.01 )  
 (31) 2020900292 (32) 03.02.20 (33) AU  
 (43) 19.08.2021  
 (72) Muoio, Gabriel  
 (74) Gabriel Muoio

**Nagy, E. see Nagy, T.**  
 (21) 2021200683

(71) Nagy, T.; Nagy, E.  
 (11) AU-A-2021200683  
 (21) 2021200683 (22) 03.02.2021  
 (54) CLIP FOR A BIB, AND AN ASSEMBLY COMPRISING THE BIB WITH THE CLIP  
 (51) Int. Cl.  
**A41B 13/10** ( 2006.01 )  
**F16B 2/24** ( 2006.01 )  
**A47G 21/16** ( 2006.01 )  
 (31) 2020900306 (32) 04.02.20 (33) AU  
 (43) 19.08.2021  
 (72) Nagy, Tanya; Nagy, Edward  
 (74) protectmyidea.com.au

(71) Natera, Inc.  
 (11) AU-A-2021209221  
 (21) 2021209221 (22) 27.07.2021  
 (54) Detecting mutations and ploidy in chromosomal segments  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 19.08.2021  
 (62) 2015249846  
 (72) BABIARZ, Joshua; CONSTANTIN, Tudor Pompiliu; EUBANK, Lane A.; GEMELOS, George; HILL, Matthew Micah; KIRKIZLAR, Huseyin Eser; RABINOWITZ, Matthew; SAKARYA, Onur; SIGURJONSSON, Styrmir; ZIMMERMAN, Bernhard  
 (74) Spruson & Ferguson

(71) Novartis AG  
 (11) AU-A-2021204687  
 (21) 2021204687 (22) 05.07.2021  
 (54) Combination therapies  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

(43) 19.08.2021  
 (62) 2015327868  
 (72) Cao, Zhu Alexander; Rong, Xianhui; Pinzon-Ortiz, Maria Consuelo; Longmire, Tyler; Benjamin Hyun, Lee  
 (74) Davies Collison Cave Pty Ltd

**Noviello, J. see BCG Partners, Inc.**  
 (21) 2021209271

(71) Novobiotic Pharmaceuticals, LLC  
 (11) AU-A-2021209264  
 (21) 2021209264 (22) 29.07.2021  
 (54) Novel depsipeptide and uses thereof  
 (51) Int. Cl.  
**C07K 11/02** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2020201751  
 (72) PEOPLES, Aaron J.; HUGHES, Dallas; LING, Losee Lucy; MILLETT, William; NITTI, Anthony; SPOERING, Amy; STEADMAN, Victoria Alexandra; CHIVA, Jean-Yves Christophe; LAZARIDES, Linos; JONES, Michael Kenyon; POULENEC, Karine Gaele; LEWIS, Kim  
 (74) Davies Collison Cave Pty Ltd

(71) NuVasive, Inc.  
 (11) AU-A-2021209290  
 (21) 2021209290 (22) 29.07.2021  
 (54) SYSTEMS AND METHODS FOR FACILITATING SPINE SURGERY  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/10** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
 (43) 19.08.2021  
 (62) 2017210124  
 (72) Scholl, Thomas U.; Sutterlin, Autumn; Blaylock, Elizabeth; Blaskiewicz, Donald J.; Wright, Neill M.; Isaacs, Robert E.  
 (74) Phillips Ormonde Fitzpatrick

(71) Ocado Innovation Limited  
 (11) AU-A-2021209188  
 (21) 2021209188 (22) 27.07.2021  
 (54) Methods, systems and apparatus for controlling movement of transporting devices  
 (51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**B65G 1/04** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019203899  
 (72) STADIE, Robert; WHELAN, Matthew; BRETT, Christopher  
 (74) Griffith Hack

(71) OPUS ONE SOLUTIONS ENERGY CORP  
 (11) AU-A-2021209298  
 (21) 2021209298 (22) 29.07.2021  
 (54) Systems and methods for integrated microgrid management system in electric power systems  
 (51) Int. Cl.  
**H02J 13/00** ( 2006.01 )  
**G05B 19/042** ( 2006.01 )  
**H04L 12/28** ( 2006.01 )

(43) 19.08.2021  
 (62) 2019219842  
 (72) WONG, Joshua; TAI, Cedric; IRAVANI, Reza; GRAOVAC, Milan; WANG, Xiaolin; HARISUTHAN, Subramaniam  
 (74) Griffith Hack

(71) Oticon Medical A/S  
 (11) AU-A-2021200591  
 (21) 2021200591 (22) 29.01.2021  
 (54) Charging and Updating of an Implantable Hearing Aid  
 (51) Int. Cl.  
**H02J 50/12** ( 2016.01 )  
**H02J 50/80** ( 2016.01 )  
**H04B 5/00** ( 2006.01 )  
**H04R 25/02** ( 2006.01 )  
 (31) 16/778,980 (32) 31.01.20 (33) US  
 (43) 19.08.2021  
 (72) Backus, Bradford; Pierquin, Régis  
 (74) Golja Haines & Friend

(71) Otsuka Pharmaceutical Co., Ltd.  
 (11) AU-A-2021205101  
 (21) 2021205101 (22) 16.07.2021  
 (54) Innovative preparation and crystallization of iosimenol  
 (51) Int. Cl.  
**C07C 231/12** ( 2006.01 )  
**C07C 231/08** ( 2006.01 )  
**C07C 237/46** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016350219  
 (72) Malinak, Jiri; Hlavacek, Ivan; Prokop, Jiri; Masuda, Yoshito  
 (74) Davies Collison Cave Pty Ltd

(71) PerkinElmer Health Sciences, Inc.  
 (11) AU-A-2021209272  
 (21) 2021209272 (22) 29.07.2021

(54) HOLLOW POLYMER FIBER OPTIC SYSTEM FOR SINGLE ANALYTE AND MULTIPLEXED ANALYTE DETECTION  
 (51) Int. Cl.  
**G01N 21/64** ( 2006.01 )  
**G01N 21/77** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016361420  
 (72) Groves, Kevin; Bosse, Roger; Yared, Wael I.; Harvey, Peter A.; Faqir, Ilias; Meltzer, Michael  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PetroChina Company Limited  
 (11) AU-A-2021200767  
 (21) 2021200767 (22) 05.02.2021  
 (54) Method and system for operation and maintenance of progressive cavity pump in the vertical well  
 (51) Int. Cl.  
**F04B 49/06** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**F04B 47/00** ( 2006.01 )  
**F04B 51/00** ( 2006.01 )  
 (31) 202010080337.3 (32) 05.02.20 (33) CN  
 (43) 19.08.2021  
 (72) DUAN, Lijiang; XIA, Zhaohui; QU, Liangchao; LIU, Lingli; WANG, Jianjun  
 (74) Griffith Hack

(71) Phytogen Seed Company, LLC  
 (11) AU-A-2021200585  
 (21) 2021200585 (22) 29.01.2021  
 (54) Cotton variety 11PSGN85  
 (51) Int. Cl.  
**A01H 6/60** ( 2018.01 )  
**A01H 1/02** ( 2006.01 )  
 (31) 62/967,819 (32) 30.01.20 (33) US  
 (43) 19.08.2021  
 (72) McPherson, Mustafa G.; Mahill, Joel F.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Phytogen Seed Company, LLC  
 (11) AU-A-2021200586  
 (21) 2021200586 (22) 29.01.2021  
 (54) Cotton variety 11PYKG43  
 (51) Int. Cl.  
**A01H 6/60** ( 2018.01 )  
**A01H 1/02** ( 2006.01 )  
 (31) 62/967,829 (32) 30.01.20 (33) US  
 (43) 19.08.2021  
 (72) McPherson, Mustafa G.; Mahill, Joel F.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Phytogen Seed Company, LLC  
 (11) AU-A-2021200587  
 (21) 2021200587 (22) 29.01.2021  
 (54) Cotton variety 11PWAQ90  
 (51) Int. Cl.  
**A01H 6/60** ( 2018.01 )  
**A01H 1/02** ( 2006.01 )  
 (31) 62/967,812 (32) 30.01.20 (33) US

Applications Open to Public Inspection - Name Index cont'd

(43) 19.08.2021  
 (72) McPherson, Mustafa G.; Mahill, Joel F.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Phytogen Seed Company, LLC  
 (11) AU-A-2021200596  
 (21) 2021200596 (22) 29.01.2021  
 (54) Cotton variety 11PNFS45  
 (51) Int. Cl.  
 A01H 6/60 ( 2018.01 )  
 A01H 1/02 ( 2006.01 )  
 (31) 62/967,885 (32) 30.01.20 (33) US  
 (43) 19.08.2021  
 (72) McPherson, Mustafa G.; Mahill, Joel F.;  
 Brauer, Karl  
 (74) FPA Patent Attorneys Pty Ltd

(71) Phytogen Seed Company, LLC  
 (11) AU-A-2021200598  
 (21) 2021200598 (22) 29.01.2021  
 (54) Cotton variety 11PPYY71  
 (51) Int. Cl.  
 A01H 6/60 ( 2018.01 )  
 A01H 1/02 ( 2006.01 )  
 (31) 62/967,834 (32) 30.01.20 (33) US  
 (43) 19.08.2021  
 (72) Mahill, Joel F.; Anderson, Timothy J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Pressalit A/S  
 (11) AU-A-2021200505  
 (21) 2021200505 (22) 28.01.2021  
 (54) CHANGING PLACES  
 (51) Int. Cl.  
 G06F 3/048 ( 2013.01 )  
 G05B 15/00 ( 2006.01 )  
 (31) PA 2020 70058 (32) 30.01.20 (33) DK  
 (43) 19.08.2021  
 (72) Leth, Angela  
 (74) Phillips Ormonde Fitzpatrick

(71) Raven Industries, Inc.  
 (11) AU-A-2021209314  
 (21) 2021209314 (22) 30.07.2021  
 (54) LOCALIZED PRODUCT INJECTION  
 SYSTEM AND METHODS FOR SAME  
 (51) Int. Cl.  
 A01C 23/00 ( 2006.01 )  
 A01C 23/04 ( 2006.01 )  
 A01G 25/02 ( 2006.01 )  
 A01G 25/09 ( 2006.01 )  
 A01G 25/16 ( 2006.01 )  
 B05B 7/00 ( 2006.01 )  
 B05B 7/24 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2018205225  
 (72) Preheim, John D.; Driesen, Brent A.;  
 Michael, Nicholas O.; Kocer, Jarad Ern-  
 est  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Raytheon Company  
 (11) AU-A-2021209190  
 (21) 2021209190 (22) 27.07.2021

(54) SCHOTTKY CONTACT STRUCTURE  
 FOR SEMICONDUCTOR DEVICES  
 AND METHOD FOR FORMING SUCH  
 SCHOTTKY CONTACT STRUCTURE  
 (51) Int. Cl.  
 H01L 29/47 ( 2006.01 )  
 H01L 29/778 ( 2006.01 )  
 H01L 29/20 ( 2006.01 )

(43) 19.08.2021  
 (62) 2018230678  
 (72) Tabatabaie-Alavi, Kamal; Cheng, Kezia;  
 Macdonald, Christopher J.  
 (74) RnB IP Pty Ltd

(71) ResMed Pty Ltd  
 (11) AU-A-2021209151  
 (21) 2021209151 (22) 26.07.2021  
 (54) Headgear for a Patient Interface  
 (51) Int. Cl.  
 A61M 16/06 ( 2006.01 )  
 A61M 16/08 ( 2006.01 )

(43) 19.08.2021  
 (62) 2019323224  
 (72) BLANCH, Emily Elizabeth; KOUIJ,  
 Michiel; WAGNER, Stewart Joseph;  
 WHITE, Hadley; WATSON, Paul Der-  
 rick; KIRKPATRICK, Ryan Michael  
 (74) James & Wells Intellectual Property

(71) ResMed Pty Ltd  
 (11) AU-A-2021209178  
 (21) 2021209178 (22) 27.07.2021  
 (54) Patient Interface  
 (51) Int. Cl.  
 A61M 16/06 ( 2006.01 )  
 A61M 16/04 ( 2006.01 )  
 A61M 16/08 ( 2006.01 )

(43) 19.08.2021  
 (62) 2019324733  
 (72) DAVIDSON, Aaron Samuel; LAW,  
 Kam Man; NGA, Lemmy; SCHEINER,  
 Rupert Christian  
 (74) James & Wells Intellectual Property

(71) ResMed Pty Ltd  
 (11) AU-A-2021209180  
 (21) 2021209180 (22) 27.07.2021  
 (54) Headgear for a Patient Interface  
 (51) Int. Cl.  
 A61M 16/06 ( 2006.01 )  
 A61M 16/08 ( 2006.01 )

(43) 19.08.2021  
 (62) 2019323224  
 (72) BLANCH, Emily Elizabeth; KOUIJ,  
 Michiel; WAGNER, Stewart Joseph;  
 WHITE, Hadley; WATSON, Paul Der-  
 rick; KIRKPATRICK, Ryan Michael  
 (74) James & Wells Intellectual Property

(71) ResMed Pty Ltd  
 (11) AU-A-2021209182  
 (21) 2021209182 (22) 27.07.2021  
 (54) Headgear for a Patient Interface  
 (51) Int. Cl.  
 A61M 16/06 ( 2006.01 )  
 A61M 16/08 ( 2006.01 )

(43) 19.08.2021  
 (62) 2019323224  
 (72) BLANCH, Emily Elizabeth; KOUIJ,  
 Michiel; WAGNER, Stewart Joseph;  
 WHITE, Hadley; WATSON, Paul Der-  
 rick; KIRKPATRICK, Ryan Michael  
 (74) James & Wells Intellectual Property

(71) Rollie Nation Pty Ltd  
 (11) AU-A-2020200698  
 (21) 2020200698 (22) 30.01.2020  
 (54) A shoe  
 (51) Int. Cl.  
 A43B 13/12 ( 2006.01 )  
 A43B 3/10 ( 2006.01 )  
 A43B 3/12 ( 2006.01 )  
 A43B 13/16 ( 2006.01 )  
 A43B 13/32 ( 2006.01 )  
 (43) 19.08.2021  
 (72) Lebon, Vincent  
 (74) Spruson & Ferguson

(71) Russell Investments Group, LLC  
 (11) AU-A-2021209197  
 (21) 2021209197 (22) 27.07.2021  
 (54) Method of creating and maintaining  
 multi-manager exchange traded funds  
 (51) Int. Cl.  
 G06Q 40/04 ( 2012.01 )  
 (43) 19.08.2021  
 (62) 2019250173  
 (72) Roberts, Mark Stadler; Johnson Jr.,  
 Richard Frank; Kuharic, Robert; Smith,  
 Joseph Dewayne  
 (74) Davies Collison Cave Pty Ltd

(71) Sage Products, LLC  
 (11) AU-A-2021209239  
 (21) 2021209239 (22) 28.07.2021  
 (54) Apparatus and system for boosting,  
 transferring, turning and positioning a  
 patient  
 (51) Int. Cl.  
 A61G 1/01 ( 2006.01 )  
 A61G 7/00 ( 2006.01 )  
 A61G 7/057 ( 2006.01 )  
 A61G 7/10 ( 2006.01 )

(43) 19.08.2021  
 (62) 2020200361  
 (72) Rigoni, Michael J.; Sweetwood, Gar-  
 ret W.; Fowler, Paul M.; Davis, Gregory  
 T.; Kennedy, Jeffrey A.; Hanifi, Paul H.;  
 Golden, Craig S.; Olson, Mark D.  
 (74) FB Rice Pty Ltd

(71) Sanford-Burnham Medical Research In-  
 stitute  
 (11) AU-A-2021209278  
 (21) 2021209278 (22) 29.07.2021  
 (54) Methods and compositions to modulate  
 hair growth  
 (51) Int. Cl.  
 C12N 5/071 ( 2010.01 )  
 A61P 17/14 ( 2006.01 )  
 C12N 5/0797 ( 2010.01 )  
 G01N 33/50 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 19.08.2021  
 (62) 2015287978  
 (72) Terskikh, Alexey V.  
 (74) FB Rice Pty Ltd

---

(71) Seapa IP Pty Ltd  
 (11) AU-A-2021204203  
 (21) 2021204203 (22) 29.01.2021  
 (54) Removeable aquatic basket and float system and method  
 (51) Int. Cl.  
 A01K 61/55 ( 2017.01 )  
 A01K 61/53 ( 2017.01 )  
 A01K 61/60 ( 2017.01 )  
 A01K 75/04 ( 2006.01 )  
 A01K 91/00 ( 2006.01 )  
 A01K 91/03 ( 2006.01 )  
 (31) 2020900247 (32) 30.01.20 (33) AU  
 (43) 19.08.2021  
 (72) THOMPSON, Garry  
 (74) Southern Cross Intellectual Property

---

(71) SecureKey Technologies Inc.  
 (11) AU-A-2021206913  
 (21) 2021206913 (22) 23.07.2021  
 (54) Systems and methods for distributed data sharing with asynchronous third-party attestation  
 (51) Int. Cl.  
 H04L 9/32 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2017225928  
 (72) Barinov, Dmitry; Ronda, Troy Jacob; Varley, Michael; Wolfond, Gregory Howard  
 (74) FB Rice Pty Ltd

---

(71) Selecta Biosciences, Inc.  
 (11) AU-A-2021209202  
 (21) 2021209202 (22) 27.07.2021  
 (54) Methods and compositions related to the use of low HLB surfactants in the production of synthetic nanocarriers comprising a rapalog  
 (51) Int. Cl.  
 A61K 9/51 ( 2006.01 )  
 A61K 31/436 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015342968  
 (72) O'Neil, Conlin; Griset, Aaron P.; Altreuter, David H.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Selecta Biosciences, Inc.  
 (11) AU-A-2021209204  
 (21) 2021209204 (22) 27.07.2021  
 (54) Methods and compositions related to synthetic nanocarriers with rapamycin in a stable, super-saturated state  
 (51) Int. Cl.  
 A61K 47/34 ( 2017.01 )  
 A61K 9/51 ( 2006.01 )  
 A61K 31/395 ( 2006.01 )  
 C08G 63/02 ( 2006.01 )  
 C08G 63/08 ( 2006.01 )

C08G 81/00 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2015342969  
 (72) O'Neil, Conlin; Griset, Aaron P.; Altreuter, David H.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Sequenom, Inc.  
 (11) AU-A-2021209224  
 (21) 2021209224 (22) 28.07.2021  
 (54) Methods and processes for non-invasive assessment of chromosome alterations  
 (51) Int. Cl.  
 C12Q 1/68 ( 2018.01 )  
 (43) 19.08.2021  
 (62) 2014332241  
 (72) KIM, Sung; JENSEN, Taylor Jacob; EHRICH, Mathias  
 (74) Davies Collison Cave Pty Ltd

---

(71) Smith & Nephew, Inc.  
 (11) AU-A-2021209252  
 (21) 2021209252 (22) 28.07.2021  
 (54) Providing implants for surgical procedures  
 (51) Int. Cl.  
 G06Q 50/22 ( 2018.01 )  
 (43) 19.08.2021  
 (62) 2015296014  
 (72) Laster, Scott Kennedy; Morris-Hipkins, Stuart Raymond; Kelman, David Clark  
 (74) Davies Collison Cave Pty Ltd

---

(71) Smith & Nephew Surgical Pty Ltd; McAuliffe, M.  
 (11) AU-A-2021209286  
 (21) 2021209286 (22) 29.07.2021  
 (54) Method of designing a surgical device  
 (51) Int. Cl.  
 A61B 17/56 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016267404  
 (72) McAuliffe, Michael; LAWSON, Daniel Raymond; SHI, Shuo; CAVANAGH, Conan Bartholomew  
 (74) Spruson & Ferguson

---

(71) Société des Produits Nestlé S.A.  
 (11) AU-A-2021209201  
 (21) 2021209201 (22) 27.07.2021  
 (54) Heat sterilized high protein compositions with hydrolyzed protein from a continuous process with at least one endopeptidase  
 (51) Int. Cl.  
 A23J 3/08 ( 2006.01 )  
 A23J 3/34 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016369883  
 (72) Braun, Marcel; Krebs, Nico; Sveje, Kristine Mette  
 (74) Shelston IP Pty Ltd.

(71) Sol Solution  
 (11) AU-A-2021200679  
 (21) 2021200679 (22) 03.02.2021  
 (54) Measuring device and system for the geomechanical characterization of a soil, and corresponding measuring method  
 (51) Int. Cl.  
 G01N 3/48 ( 2006.01 )  
 E02D 1/02 ( 2006.01 )  
 G01N 33/24 ( 2006.01 )  
 (31) 2001137 (32) 05.02.20 (33) FR  
 (43) 19.08.2021  
 (72) Benz Navarrete, Miguel; Barbier, Sébastien  
 (74) Davies Collison Cave Pty Ltd

---

(71) SORSE TECHNOLOGY CORPORATION  
 (11) AU-A-2021209248  
 (21) 2021209248 (22) 28.07.2021  
 (54) PREPARING STABLE LIQUID EMULSION FORMS OF PLANT EXTRACT  
 (51) Int. Cl.  
 A23L 2/52 ( 2006.01 )  
 A61K 9/107 ( 2006.01 )  
 A61K 9/14 ( 2006.01 )  
 A61K 9/16 ( 2006.01 )  
 A61K 31/352 ( 2006.01 )  
 A61Q 19/00 ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2018283411  
 (72) RIEFLER, Rodger Scott; AYALA, Juan Jorge; LEE, Howard M.  
 (74) Wallington-Dummer

---

(71) Swanston, W.  
 (11) AU-A-2021200750  
 (21) 2021200750 (22) 05.02.2021  
 (54) FLOOR WASTE  
 (51) Int. Cl.  
 E03C 1/22 ( 2006.01 )  
 E03F 5/04 ( 2006.01 )  
 E03F 5/06 ( 2006.01 )  
 (31) 2020900310 (32) 05.02.20 (33) AU  
 (43) 19.08.2021  
 (72) Swanston, William Francis  
 (74) Griffith Hack

---

Sweeting, M. see BCG Partners, Inc.  
 (21) 2021209271

---

(71) Takeda Pharmaceutical Company Limited  
 (11) AU-A-2021209323  
 (21) 2021209323 (22) 30.07.2021  
 (54) SUBCUTANEOUS INFUSION DEVICE FOR INJECTING MEDICINAL SUBSTANCES  
 (51) Int. Cl.  
 A61M 5/32 ( 2006.01 )  
 A61M 5/158 ( 2006.01 )  
 A61M 25/06 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 19.08.2021  
(62) 2019250262  
(72) YARDIMCI, Atif Mehmet; TAN, Aaron; DHYANI, Tejas; MITCHELL, Nathan; JEDRZEJEK, Eric; KANUGA, Chinmay  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) Tersus Pharmaceuticals, LLC  
(11) AU-A-2021209281  
(21) 2021209281 (22) 29.07.2021  
(54) COMPOSITIONS AND METHODS COMPRISING C16:1n7-PALMIT-OLEATE  
(51) Int. Cl.  
A01N 31/00 ( 2006.01 )  
A61K 31/045 ( 2006.01 )  
(43) 19.08.2021  
(62) 2019264531  
(72) GREEN, Jeffrey  
(74) Davies Collison Cave Pty Ltd
- 
- (71) The Boeing Company  
(11) AU-A-2021200684  
(21) 2021200684 (22) 03.02.2021  
(54) Composite assembly with integrally formed panels and stiffeners  
(51) Int. Cl.  
B64C 1/16 ( 2006.01 )  
B29C 70/08 ( 2006.01 )  
B29C 70/44 ( 2006.01 )  
B29C 70/74 ( 2006.01 )  
B29D 99/00 ( 2010.01 )  
B32B 5/28 ( 2006.01 )  
B32B 7/08 ( 2019.01 )  
(31) 16/781,513 (32) 04.02.20 (33) US  
(43) 19.08.2021  
(72) ROBBINS, Kevin Larry; LAUDER, John Arnold; RAMRATTAN, Mahendra  
(74) FB Rice Pty Ltd
- 
- (71) The Climate Corporation  
(11) AU-A-2021209300  
(21) 2021209300 (22) 29.07.2021  
(54) Generating digital models of relative yield of a crop based on nitrate values in the soil  
(51) Int. Cl.  
A01C 21/00 ( 2006.01 )  
G01N 33/24 ( 2006.01 )  
G01S 19/13 ( 2010.01 )  
H04B 17/24 ( 2015.01 )  
(43) 19.08.2021  
(62) 2016373963  
(72) Xu, Lijuan; Xu, Ying; Gupta, Ankur  
(74) Davies Collison Cave Pty Ltd
- 
- (71) The Toro Company  
(11) AU-A-2020356797  
(21) 2020356797 (22) 13.04.2020  
(54) Nonholonomic robot field coverage method  
(51) Int. Cl.  
G05D 1/02 ( 2020.01 )  
B25J 5/00 ( 2006.01 )  
B25J 9/18 ( 2006.01 )  
(87) WO2021/150262
- 
- (31) 62/965,026 (32) 23.01.20 (33) US  
(43) 19.08.2021  
(72) BARBOI, Mickey; GILBERT, Nevin; HOURANI, Eesam; OLKIN, Terry Michael  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- The United States of America, as represented by the Secretary, Department of Health and Human Services see Convergene LLC**  
(21) 2021209257
- 
- (71) TKL VISION S.R.L.  
(11) AU-A-2021200573  
(21) 2021200573 (22) 29.01.2021  
(54) Folding wheel chock for industrial and/or commercial vehicles  
(51) Int. Cl.  
B60T 3/00 ( 2006.01 )  
(31) 102020000001807 (32) 30.01.20 (33) IT  
(43) 19.08.2021  
(72) BARATTINI, Daniele; GRECO, Luca Oronzo  
(74) Murray Trento & Associates Pty Ltd
- 
- (71) Translate Bio, Inc.  
(11) AU-A-2021206908  
(21) 2021206908 (22) 23.07.2021  
(54) MULTIMERIC CODING NUCLEIC ACID AND USES THEREOF  
(51) Int. Cl.  
C12N 15/09 ( 2006.01 )  
A61K 31/7115 ( 2006.01 )  
A61K 31/7125 ( 2006.01 )  
C07H 21/02 ( 2006.01 )  
C12N 15/11 ( 2006.01 )  
(43) 19.08.2021  
(62) 2017248189  
(72) DeRosa, Frank; Heartlein, Michael; Karve, Shirang; Crawford, Daniel  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Transportation IP Holdings, LLC  
(11) AU-A-2020294237  
(21) 2020294237 (22) 23.12.2020  
(54) BRAKE CONTROL SYSTEM  
(51) Int. Cl.  
B60T 13/66 ( 2006.01 )  
B60T 17/22 ( 2006.01 )  
(31) 16/779,012 (32) 31.01.20 (33) US  
(43) 19.08.2021  
(72) Kumar, Ajith Kuttannair; Meyer, Brian; Wiesner, Chris; Ensley, Matthew; Lacy, Patricia Sue  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) United Services Automobile Association (USAA)  
(11) AU-A-2021209269  
(21) 2021209269 (22) 29.07.2021  
(54) DIGITAL IDENTIFICATION SYSTEM  
(51) Int. Cl.  
H04M 1/66 ( 2006.01 )  
H04W 12/00 ( 2021.01 )
- 
- H04W 12/06 ( 2021.01 )  
H04W 12/08 ( 2021.01 )  
H04W 64/00 ( 2009.01 )  
(43) 19.08.2021  
(62) 2016242966  
(72) Borunda, Adrian; Anaruk, Andrew L.; Hernandez, Heather; Trevino, Melissa; Vijayvergia, Gunjan; Wright III, William H.; Shelton, John; Wright, Susan; Pickrel, Cory S.; Bess, Christopher; Liang, Minya  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) University of South Australia; Central Adelaide Local Health Network Inc.  
(11) AU-A-2021209168  
(21) 2021209168 (22) 26.07.2021  
(54) MODULATORS OF 14-3-3 FUNCTIONALITY AND USES THEREOF  
(51) Int. Cl.  
A61K 31/40 ( 2006.01 )  
A61K 9/70 ( 2006.01 )  
A61K 31/435 ( 2006.01 )  
A61P 17/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(43) 19.08.2021  
(62) 2015330955  
(72) Woodcock, Joanna May; Lopez, Angel; Pitson, Stuart Maxwell; Samuel, Michael Susithiran; Coolen, Carl  
(74) Phillips Ormonde Fitzpatrick
- 
- University of Washington see Adverum Biotechnologies, Inc.**  
(21) 2021209206
- 
- (71) Visa International Service Association  
(11) AU-A-2021209247  
(21) 2021209247 (22) 28.07.2021  
(54) CLOUD-BASED VIRTUAL WALLET NFC APPARATUSES, METHODS AND SYSTEMS  
(51) Int. Cl.  
G06Q 20/36 ( 2012.01 )  
G06Q 20/40 ( 2012.01 )  
(43) 19.08.2021  
(62) 2019268058  
(72) Hammad, Ayman  
(74) Phillips Ormonde Fitzpatrick
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- (71) Vistagen Therapeutics, Inc.  
(11) AU-A-2021209279  
(21) 2021209279 (22) 29.07.2021  
(54) Therapeutic uses of L-4-chlorokynurenine  
(51) Int. Cl.  
A61K 31/135 ( 2006.01 )  
A61K 31/198 ( 2006.01 )  
A61P 25/24 ( 2006.01 )  
(43) 19.08.2021  
(62) 2016268153  
(72) Snodgrass, H. Ralph; Cato, Allen E.; Hicklin, Jack S.  
(74) Allens Patent & Trade Mark Attorneys

Applications Open to Public Inspection - Name Index cont'd

(71) Vorwerk & Co. Interholding GmbH  
 (11) AU-A-2021200564  
 (21) 2021200564 (22) 29.01.2021  
 (54) System with kitchen appliances for a coordinated cooking and process  
 (51) Int. Cl.  
*A47J 36/00* ( 2006.01 )  
*A47J 43/07* ( 2006.01 )  
*A47J 44/00* ( 2006.01 )  
*G05B 19/00* ( 2006.01 )  
 (31) 20 154 494.7 (32) 30.01.20 (33) EP  
 (43) 19.08.2021  
 (72) Stein, Matthias; Rogge, Marian  
 (74) FPA Patent Attorneys Pty Ltd

(71) Vyair Medical Consumables LLC  
 (11) AU-A-2021206910  
 (21) 2021206910 (22) 23.07.2021  
 (54) Suction catheter adaptor  
 (51) Int. Cl.  
*A61M 16/04* ( 2006.01 )  
*A61M 1/00* ( 2006.01 )  
*A61M 16/08* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
*A61M 25/01* ( 2006.01 )  
*F16K 15/00* ( 2006.01 )  
*A61M 39/10* ( 2006.01 )  
*A61M 39/24* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2016355683  
 (72) White, Dennis; Fu, Haojun  
 (74) FB Rice Pty Ltd

(71) Waymo LLC  
 (11) AU-A-2021209208  
 (21) 2021209208 (22) 27.07.2021  
 (54) SYSTEMS AND METHODS FOR LIDARS WITH ADJUSTABLE RESOLUTION AND FAILSAFE OPERATION  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01S 7/481* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G05D 1/02* ( 2020.01 )  
 (43) 19.08.2021  
 (62) 2018383447  
 (72) Droz, Pierre-Yves  
 (74) RnB IP Pty Ltd

(71) Wright Medical Technology, Inc.  
 (11) AU-A-2021206853  
 (21) 2021206853 (22) 21.07.2021  
 (54) Ankle replacement system and method  
 (51) Int. Cl.  
*A61B 17/88* ( 2006.01 )  
*A61B 17/14* ( 2006.01 )  
*A61B 17/15* ( 2006.01 )  
*A61B 17/90* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019213412  
 (72) STEMNISKI, Paul; MCGINLEY, Shawn E.; DHILLON, Braham K.; LUNA, Ramon; HOWLES, Robert M.; PATEL, Vinay; REYNOLDS, David G.; NACHTRAB, Dean; FREE, Daniel E.; SCHULTZ, Matthew D.; LOWERY, Gary W.; PENNER, Murray J.  
 (74) Spruson & Ferguson

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Zhang, H. see Zhang, Y.  
 (21) 2021209156

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(71) Zhang, Y.; Zhang, H.  
 (11) AU-A-2021209156  
 (21) 2021209156 (22) 26.07.2021  
 (54) Technical method for increasing efficiency of systemic herbicide  
 (51) Int. Cl.  
*A01N 43/22* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
*A01N 47/16* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2020202036  
 (72) Zhang, Yi Xiang; Zhang, Hui Ming  
 (74) Shelston IP Pty Ltd.

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(71) Zimmer, Inc.  
 (11) AU-A-2021209337  
 (21) 2021209337 (22) 30.07.2021  
 (54) REVISION KNEE ARTHROPLASTY METHODS AND INSTRUMENTS  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2018347354  
 (72) Yoko, Tim; Capek, Joseph C.; Szalkowski, Amanda; Vandiepenbos, Jeffrey A.  
 (74) Phillips Ormonde Fitzpatrick

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(71) Zoetis Services LLC  
 (11) AU-A-2021206905  
 (21) 2021206905 (22) 23.07.2021  
 (54) Methods of vaccine administration  
 (51) Int. Cl.  
*A61K 39/02* ( 2006.01 )  
*A61K 39/10* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/155* ( 2006.01 )  
*A61K 39/175* ( 2006.01 )  
*A61K 39/23* ( 2006.01 )  
*A61K 39/295* ( 2006.01 )  
 (43) 19.08.2021  
 (62) 2019204604  
 (72) Tucker, Cassius M.; Haworth, John D.  
 (74) Allens Patent & Trade Mark Attorneys

Numerical Index

<b>2020200698</b>	Rollie Nation Pty Ltd	<b>2021206925</b>	F. Hoffmann-La Roche AG
<b>2020200702</b>	du Boulay Pty Ltd ATFTThe du Boulay Superannuation Fund	<b>2021207620</b>	Immatics Biotechnologies GmbH
<b>2020200737</b>	Aguti Produktentwicklung & Design GmbH	<b>2021209140</b>	Eutech Cybernetic Pte Ltd
<b>2020200749</b>	Linked Group Services Pty Ltd	<b>2021209142</b>	Decibullz LLC
<b>2020200781</b>	Data Revolution Technologies (Pty) Ltd.	<b>2021209143</b>	Bell Identification BV
<b>2020200809</b>	Endeavour Mental Health Recovery Clubhouse	<b>2021209146</b>	Crown Equipment Corporation
<b>2020203513</b>	Juniper Networks, Inc.	<b>2021209147</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
<b>2020220052</b>	Juniper Networks, Inc.	<b>2021209148</b>	Ichnos Sciences SA
<b>2020223749</b>	Juniper Networks, Inc.	<b>2021209149</b>	Gilead Apollo, LLC
<b>2020239637</b>	Juniper Networks, Inc.	<b>2021209150</b>	Auspex Pharmaceuticals, Inc.
<b>2020239675</b>	Apple Inc.	<b>2021209151</b>	ResMed Pty Ltd
<b>2020239688</b>	Apple Inc.	<b>2021209152</b>	BLY IP Inc.
<b>2020239691</b>	Apple Inc.	<b>2021209153</b>	Acceleron Pharma Inc.
<b>2020257056</b>	Juniper Networks, Inc.	<b>2021209155</b>	Huawei Technologies Co., Ltd.
<b>2020281088</b>	Coupang Corp.	<b>2021209156</b>	Zhang, Y.; Zhang, H.
<b>2020294237</b>	Transportation IP Holdings, LLC	<b>2021209158</b>	Celgene Corporation
<b>2020356797</b>	The Toro Company	<b>2021209160</b>	Athenex Therapeutics Limited
<b>2021200120</b>	Muoio, G.	<b>2021209162</b>	Morf, LLC
<b>2021200162</b>	MICHAUD	<b>2021209163</b>	Dexcom, Inc.
<b>2021200246</b>	HOWMEDICA OSTEONICS CORP.	<b>2021209164</b>	Mesinja Pty Ltd
<b>2021200448</b>	Caterpillar Inc.	<b>2021209165</b>	Mesinja Pty Ltd
<b>2021200505</b>	Pressalit A/S	<b>2021209168</b>	University of South Australia; Central Adelaide Local Health Network Inc.
<b>2021200552</b>	Angus Robertson Mechanical Limited	<b>2021209169</b>	Magic Leap, Inc.
<b>2021200564</b>	Vorwerk & Co. Interholding GmbH	<b>2021209170</b>	Cytec Industries Inc.
<b>2021200573</b>	TKL VISION S.R.L.	<b>2021209172</b>	Aspen Aerogels, Inc.
<b>2021200578</b>	Haynes, A.L.	<b>2021209176</b>	Angel Group Co., Ltd.
<b>2021200585</b>	Phytogen Seed Company, LLC	<b>2021209177</b>	Angel Group Co., Ltd.
<b>2021200586</b>	Phytogen Seed Company, LLC	<b>2021209178</b>	ResMed Pty Ltd
<b>2021200587</b>	Phytogen Seed Company, LLC	<b>2021209179</b>	Anheuser-Busch InBev S.A.
<b>2021200590</b>	Deep Coal Technologies Pty Ltd	<b>2021209180</b>	ResMed Pty Ltd
<b>2021200591</b>	Oticon Medical A/S	<b>2021209182</b>	ResMed Pty Ltd
<b>2021200594</b>	Caterpillar Inc.	<b>2021209185</b>	Janssen Vaccines & Prevention B.V.
<b>2021200596</b>	Phytogen Seed Company, LLC	<b>2021209186</b>	Massachusetts Institute of Technology
<b>2021200598</b>	Phytogen Seed Company, LLC	<b>2021209188</b>	Ocado Innovation Limited
<b>2021200613</b>	LJCA Healthcare Pty Ltd	<b>2021209189</b>	Imprenditore Pty Limited
<b>2021200617</b>	Day, J.R.F.	<b>2021209190</b>	Raytheon Company
<b>2021200620</b>	Donmark Holdings Inc.	<b>2021209191</b>	Baxter International Inc.; Baxter Healthcare SA
<b>2021200656</b>	INGU Solutions Inc.	<b>2021209194</b>	Kimberly-Clark Worldwide, Inc.
<b>2021200673</b>	IGT	<b>2021209195</b>	Juno Therapeutics, Inc.
<b>2021200679</b>	Sol Solution	<b>2021209196</b>	Genentech, Inc.
<b>2021200683</b>	Nagy, T.; Nagy, E.	<b>2021209197</b>	Russell Investments Group, LLC
<b>2021200684</b>	The Boeing Company	<b>2021209200</b>	Grünenthal GmbH
<b>2021200687</b>	Aristocrat Technologies, Inc.	<b>2021209201</b>	Société des Produits Nestlé S.A.
<b>2021200718</b>	Baiera, V.J.	<b>2021209202</b>	Selecta Biosciences, Inc.
<b>2021200720</b>	LG ELECTRONICS INC.	<b>2021209204</b>	Selecta Biosciences, Inc.
<b>2021200750</b>	Swanston, W.	<b>2021209205</b>	Angel Group Co., Ltd.
<b>2021200767</b>	PetroChina Company Limited	<b>2021209206</b>	Adverum Biotechnologies, Inc.; University of Washington
<b>2021200825</b>	ACE PRODUCT DESIGN PTY LTD; LDG Designs Pty Ltd	<b>2021209207</b>	MedImmune Limited
<b>2021204203</b>	Seapa IP Pty Ltd	<b>2021209208</b>	Waymo LLC
<b>2021204687</b>	Novartis AG	<b>2021209209</b>	BIOCONIX PTY LTD.
<b>2021204692</b>	Hydrason Solutions Limited	<b>2021209210</b>	American Wave Machines, Inc.
<b>2021205097</b>	IP Key Pty Ltd	<b>2021209219</b>	CORDIS CORPORATION
<b>2021205101</b>	Otsuka Pharmaceutical Co., Ltd.	<b>2021209220</b>	Byrock Technologies Limited
<b>2021206789</b>	ASSA ABLOY Opening Solutions Sweden AB	<b>2021209221</b>	Natera, Inc.
<b>2021206853</b>	Wright Medical Technology, Inc.	<b>2021209222</b>	DEKA Products Limited Partnership
<b>2021206881</b>	Acuitas Therapeutics Inc.	<b>2021209224</b>	Sequenom, Inc.
<b>2021206905</b>	Zoetis Services LLC	<b>2021209225</b>	CFPH, LLC
<b>2021206907</b>	Gilead Sciences, Inc.	<b>2021209226</b>	Huawei Technologies Co., Ltd.
<b>2021206908</b>	Translate Bio, Inc.	<b>2021209228</b>	Bavarian Nordic A/S
<b>2021206909</b>	Afton Chemical Corporation	<b>2021209230</b>	Angiocrine Bioscience, Inc.
<b>2021206910</b>	Vyair Medical Consumables LLC	<b>2021209231</b>	Breville Pty Limited
<b>2021206913</b>	SecureKey Technologies Inc.	<b>2021209233</b>	Bruin Biometrics, LLC
<b>2021206918</b>	Immunogen, Inc.	<b>2021209235</b>	Abbott Laboratories
<b>2021206919</b>	Maquet Cardiopulmonary GmbH	<b>2021209239</b>	Sage Products, LLC
<b>2021206922</b>	Linfox Armaguard Pty Ltd	<b>2021209244</b>	Hi.Q, Inc.
<b>2021206924</b>	Cantor Index LLC		



## Applications Open to Public Inspection - Numerical Index cont'd

2021209247 Visa International Service Association  
2021209248 SORSE TECHNOLOGY CORPORATION  
2021209249 Memorial Sloan-Kettering Cancer Center  
2021209252 Smith & Nephew, Inc.  
2021209255 Immune Macro-Biotic Technology UK Limited  
2021209257 Convergene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services  
  
2021209258 Buffalo Filter LLC  
2021209262 LG Electronics Inc.  
2021209264 Novobiotic Pharmaceuticals, LLC  
2021209269 United Services Automobile Association (USAA)  
2021209271 BCG Partners, Inc.; Lutnick, H.; Noviello, J.; Sweeting, M.  
  
2021209272 PerkinElmer Health Sciences, Inc.  
2021209273 Fast IP, LLC  
2021209276 Group One Limited  
2021209277 Centripetal Networks, Inc.  
2021209278 Sanford-Burnham Medical Research Institute  
2021209279 Vistagen Therapeutics, Inc.  
2021209281 Tersus Pharmaceuticals, LLC  
2021209284 GE Video Compression, LLC  
2021209286 Smith & Nephew Surgical Pty Ltd; McAuliffe, M.  
2021209288 Dexcom, Inc.  
2021209290 NuVasive, Inc.  
2021209292 Memorial Sloan-Kettering Cancer Center  
2021209298 OPUS ONE SOLUTIONS ENERGY CORP  
2021209299 Aqdot Limited  
2021209300 The Climate Corporation  
2021209303 Genesis Systems LLC  
2021209314 Raven Industries, Inc.  
2021209320 Intuit, Inc.  
2021209321 CFPH, LLC  
2021209322 Juul Labs, Inc.  
2021209323 Takeda Pharmaceutical Company Limited  
2021209325 Canon Kabushiki Kaisha  
2021209326 Canon Kabushiki Kaisha  
2021209327 ArchForm Inc.  
2021209331 CRISI Medical Systems, Inc.  
2021209337 Zimmer, Inc.

IPC Index

<b>A01C 21 /-</b> 2021209300	<b>A43B 7 /-</b> 2021209273	2021209230 2021209337	2021209191	<b>A62C 37 /-</b> 2021200620	<b>B32B 33 /-</b> 2021209186
<b>A01C 23 /-</b> 2021209314	<b>A45F 5 /-</b> 2021200120	<b>A61G 1 /-</b> 2021209239	<b>A61M 16 /-</b> 2021206910 2021209151 2021209178 2021209180 2021209182	<b>A63B 21 /-</b> 2021209162	<b>B32B 5 /-</b> 2021200684
<b>A01G 25 /-</b> 2021209314	<b>A47B 25 /-</b> 2021209176 2021209177	<b>A61G 7 /-</b> 2021200718 2021209239	<b>A61M 25 /-</b> 2021206910 2021209323	<b>A63B 22 /-</b> 2021209162	<b>B32B 7 /-</b> 2021200684
<b>A01H 1 /-</b> 2021200585 2021200586 2021200587 2021200596 2021200598	<b>A47C 12 /-</b> 2021200718	<b>A61K 31 /-</b> 2021204687 2021206907 2021206908 2021206925 2021209149 2021209150 2021209158 2021209160 2021209168 2021209200 2021209202 2021209204 2021209248 2021209257 2021209279 2021209281	<b>A61M 39 /-</b> 2021206910	<b>A63B 47 /-</b> 2021200617	<b>B33Y 70 /-</b> 2021209327
<b>A01H 6 /-</b> 2021200585 2021200586 2021200587 2021200596 2021200598	<b>A47C 19 /-</b> 2021200718	<b>A61K 35 /-</b> 2021209158 2021209185 2021209230 2021209255	<b>A61M 5 /-</b> 2021209191 2021209323 2021209331	<b>A63B 63 /-</b> 2021200617	<b>B60L 1 /-</b> 2021209146
<b>A01K 61 /-</b> 2021204203	<b>A47G 21 /-</b> 2021200683	<b>A61K 38 /-</b> 2021207620 2021209153	<b>A61P 11 /-</b> 2021206925	<b>A63B 69 /-</b> 2021200617 2021209210	<b>B60P 1 /-</b> 2020200749
<b>A01K 75 /-</b> 2021204203	<b>A47J 36 /-</b> 2021200564	<b>A61K 39 /-</b> 2021204687 2021206905 2021207620 2021209148 2021209158 2021209185 2021209202 2021209220 2021209228	<b>A61P 17 /-</b> 2021209168 2021209278	<b>A63B 71 /-</b> 2021209276	<b>B60T 13 /-</b> 2020294237
<b>A01K 79 /-</b> 2020200702	<b>A47J 43 /-</b> 2021200564 2021209231	<b>A61K 41 /-</b> 2021209148	<b>A61P 19 /-</b> 2021209257	<b>A63F 13 /-</b> 2021209164 2021209165 2021209225 2021209321	<b>B60T 17 /-</b> 2020294237
<b>A01K 91 /-</b> 2021204203	<b>A47L 5 /-</b> 2021200720	<b>A61K 45 /-</b> 2021206907	<b>A61P 25 /-</b> 2021206925 2021209257 2021209279	<b>A63F 3 /-</b> 2021206924	<b>B60T 3 /-</b> 2021200573
<b>A01M 29 /-</b> 2020200702	<b>A47L 9 /-</b> 2021200720	<b>A61K 47 /-</b> 2021209204	<b>A61P 27 /-</b> 2021209206	<b>A63F 9 /-</b> 2021206924	<b>B60T 7 /-</b> 2020200737
<b>A01N 31 /-</b> 2021209281	<b>A47L 3 /-</b> 2021200718 2021209210	<b>A61K 5 /-</b> 2021206881 2021209168 2021209202 2021209204 2021209248	<b>A61P 29 /-</b> 2021206925	<b>B01L 3 /-</b> 2021209235	<b>B64C 1 /-</b> 2021200684
<b>A01N 43 /-</b> 2021209156	<b>A61B 17 /-</b> 2021206853 2021209286 2021209290 2021209337	<b>A61K 9 /-</b> 2021206881 2021209168 2021209202 2021209204 2021209248	<b>A61P 3 /-</b> 2021209149	<b>B05B 7 /-</b> 2021209314	<b>B64D 15 /-</b> 2021209186
<b>A01N 47 /-</b> 2021209156	<b>A61B 18 /-</b> 2021209258	<b>A61K 9 /-</b> 2021206881 2021209168 2021209202 2021209204 2021209248	<b>A61P 31 /-</b> 2021206907 2021209257	<b>B08B 17 /-</b> 2021209186	<b>B65D 19 /-</b> 2020200749
<b>A23J 3 /-</b> 2021209201	<b>A61B 34 /-</b> 2021209290	<b>A61K 13 /-</b> 2021209327	<b>A61P 33 /-</b> 2021206925	<b>B22F 12 /-</b> 2021200246	<b>B65F 1 /-</b> 2020200749
<b>A23L 2 /-</b> 2021209248	<b>A61B 5 /-</b> 2021200613 2021209163 2021209233 2021209288 2021209290	<b>A61K 15 /-</b> 2021209209	<b>A61P 35 /-</b> 2021204687 2021206918 2021206925 2021209158 2021209160 2021209168 2021209257	<b>B22F 3 /-</b> 2021200246	<b>B65G 1 /-</b> 2021209188
<b>A24F 1 /-</b> 2021209322	<b>A61B 90 /-</b> 2021209290	<b>A61K 17 /-</b> 2021209286 2021209290	<b>A61P 3 /-</b> 2021209149	<b>B23K 26 /-</b> 2021200552	<b>B65G 43 /-</b> 2020281088
<b>A41B 13 /-</b> 2021200683	<b>A61C 13 /-</b> 2021209327	<b>A61L 9 /-</b> 2021209299	<b>A61P 31 /-</b> 2021206907 2021209257	<b>B25J 11 /-</b> 2021209262	<b>B67D 1 /-</b> 2021209179
<b>A43B 1 /-</b> 2021209273	<b>A61F 13 /-</b> 2021209209	<b>A61M 1 /-</b> 2021206910 2021206919	<b>A61P 33 /-</b> 2021206925	<b>B25J 19 /-</b> 2021209262	<b>C01B 33 /-</b> 2021209172
<b>A43B 13 /-</b> 2020200698	<b>A61F 2 /-</b> 2021209219		<b>A61P 3 /-</b> 2021209149	<b>B25J 5 /-</b> 2020356797	<b>C04B 111 /-</b> 2021209186
<b>A43B 21 /-</b> 2021209273			<b>A61P 7 /-</b> 2021209153	<b>B25J 9 /-</b> 2020356797 2021209262	<b>C07C 215 /-</b> 2021209200
<b>A43B 3 /-</b> 2020200698 2021209273			<b>A61Q 19 /-</b> 2021209248	<b>B29C 70 /-</b> 2021200684	<b>C07C 219 /-</b> 2021206881
			<b>A62C 3 /-</b> 2021200620	<b>B29D 99 /-</b> 2021200684	<b>C07C 229 /-</b> 2021206881
					<b>C07C 231 /-</b> 2021205101 2021209150
					<b>C07C 233 /-</b> 2021206881

Applications Open to Public Inspection - IPC Index cont'd

<b>C07C 237 /-</b> 2021205101	<b>C09D 5 /-</b> 2021209186	<b>E21B 17 /-</b> 2021209152	2021209300	2021209271	<b>H02J 50 /-</b> 2021200591
<b>C07C 255 /-</b> 2021206881	<b>C10M 133 /-</b> 2021206909	<b>E21B 29 /-</b> 2021200590	<b>G01S 3 /-</b> 2020223749	<b>G06Q 50 /-</b> 2020200781 2020200809 2021205097 2021209191 2021209252	<b>H03M 7 /-</b> 2021209284
<b>C07C 59 /-</b> 2021209200	<b>C10M 143 /-</b> 2021206909	<b>E21B 33 /-</b> 2021200590	<b>G01S 5 /-</b> 2020223749 2020239637 2021204692	<b>G06T 17 /-</b> 2021209169	<b>H04B 17 /-</b> 2021209189 2021209300
<b>C07D 239 /-</b> 2021209200 2021209257	<b>C12C 11 /-</b> 2021209179	<b>E21B 43 /-</b> 2021200590 2021200767	<b>G01S 7 /-</b> 2021209208	<b>G06T 19 /-</b> 2020239675 2021209169	<b>H04B 5 /-</b> 2021200591
<b>C07D 275 /-</b> 2021209200	<b>C12C 13 /-</b> 2021209179	<b>E21B 47 /-</b> 2021209152	<b>G02B 26 /-</b> 2021200552	<b>G06T 7 /-</b> 2021209176 2021209177	<b>H04L 12 /-</b> 2020203513 2021209189 2021209298
<b>C07D 291 /-</b> 2021209200	<b>C12G 3 /-</b> 2021209179	<b>F04B 47 /-</b> 2021200767	<b>G02B 27 /-</b> 2021200552	<b>G07C 11 /-</b> 2021209176 2021209177	<b>H04L 29 /-</b> 2021209155 2021209277
<b>C07D 401 /-</b> 2021206907 2021209257	<b>C12N 15 /-</b> 2021206881 2021206908 2021209206 2021209230	<b>F04B 49 /-</b> 2021200767	<b>G03G 15 /-</b> 2021209325 2021209326	<b>G07D 9 /-</b> 2021206922	<b>H04L 9 /-</b> 2021206913 2021209164 2021209165
<b>C07D 413 /-</b> 2021209257	<b>C12N 5 /-</b> 2021207620 2021209195 2021209249 2021209278 2021209292	<b>F04B 51 /-</b> 2021200767	<b>G03G 21 /-</b> 2021209325	<b>G07F 17 /-</b> 2021200673 2021200687 2021209164 2021209165 2021209205	<b>H04M 1 /-</b> 2021209226 2021209269
<b>C07D 471 /-</b> 2021209257	<b>C12N 7 /-</b> 2021209206	<b>F16B 2 /-</b> 2021200683	<b>G05B 15 /-</b> 2021200505	<b>G07F 9 /-</b> 2021206922	<b>H04N 13 /-</b> 2021209169
<b>C07D 487 /-</b> 2021206918 2021206925 2021209207	<b>C12Q 1 /-</b> 2021209221 2021209224	<b>F16K 15 /-</b> 2021206910	<b>G05B 19 /-</b> 2021200564 2021209298	<b>G08B 21 /-</b> 2021200613	<b>H04N 5 /-</b> 2021209226
<b>C07D 495 /-</b> 2021209149	<b>E02D 1 /-</b> 2021200679	<b>F16L 55 /-</b> 2021200578	<b>G05D 1 /-</b> 2020356797 2021200594 2021209188 2021209208	<b>G08B 25 /-</b> 2021200613	<b>H04R 1 /-</b> 2021209142
<b>C07D 519 /-</b> 2021206918	<b>E03B 3 /-</b> 2021209303	<b>F16L 57 /-</b> 2021200162	<b>G06F 17 /-</b> 2021209164 2021209165	<b>G08B 26 /-</b> 2021200613	<b>H04R 25 /-</b> 2021200591 2021209142
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<b>C07K 14 /-</b> 2021209185 2021209206	<b>E05B 15 /-</b> 2021206789	<b>G01N 29 /-</b> 2021204692	<b>G01N 29 /-</b> 2021204692	<b>G16H 20 /-</b> 2020200809 2021200613 2021209222	<b>H04W 48 /-</b> 2020220052
<b>C07K 16 /-</b> 2021204687 2021209148 2021209207	<b>E05B 19 /-</b> 2021206789	<b>G01N 3 /-</b> 2021200679	<b>G01N 33 /-</b> 2021200679 2021209235 2021209272 2021209278 2021209300	<b>G16H 40 /-</b> 2021209222	<b>H04W 52 /-</b> 2021209147
<b>C07K 19 /-</b> 2021209153	<b>E05B 27 /-</b> 2021206789	<b>G01N 27 /-</b> 2021200656	<b>G01S 15 /-</b> 2021200448 2021204692	<b>G16H 50 /-</b> 2020200809 2021209222	<b>H04W 64 /-</b> 2020220052 2020257056 2021209269
<b>C07K 19 /-</b> 2021209153	<b>E05B 29 /-</b> 2021206789	<b>G01N 29 /-</b> 2021204692	<b>G01S 17 /-</b> 2021200448 2021200594 2021209208	<b>H01L 29 /-</b> 2021209190	<b>No IPC Mark</b>
<b>C07K 7 /-</b> 2021207620	<b>E05B 35 /-</b> 2021206789	<b>G01N 3 /-</b> 2021200679	<b>G01S 19 /-</b> 2020239637	<b>H02J 13 /-</b> 2021209298	
<b>C08G 63 /-</b> 2021209204	<b>E06B 1 /-</b> 2021200825	<b>G01S 15 /-</b> 2021200448 2021204692			
<b>C08G 81 /-</b> 2021209204		<b>G01S 17 /-</b> 2021200448 2021200594 2021209208	<b>G06Q 20 /-</b> 2020200781 2021200673 2021209143 2021209247 2021209320		
<b>C08K 5 /-</b> 2021209170		<b>G01S 19 /-</b> 2020239637	<b>G06Q 30 /-</b> 2020200781		
			<b>G06Q 40 /-</b> 2021209197		

**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters

. (\*\*) Title not given

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

.. **S. see Barak, D.**

(21) 2021103225

(71) A, R.; N, D.; S, B.D.; G, P.; B, B.; V, S.P.

(11) AU-A-2021103548

(21) 2021103548 (22) 22.06.2021

(54) SMART HOME SURVEILLANCE SYSTEM USING IOT APPLICATION WITH WARNING OF INTRUDER ACTIVITIES

(51) Int. Cl.

G08B 13/196 ( 2006.01 )

G06K 9/00 ( 2006.01 )

G08B 7/06 ( 2006.01 )

G08B 21/02 ( 2006.01 )

(45) 19.08.2021

(72) A., Rajeswari; N., Deepa; S., Bala Dhanalakshmi; G., Puvaneswari; B., Bhuvaneshwari; V., Subha Priyadharshini

(74) Sathiyaraj R

(71) Agarwal, A.; Chaturvedi, P.; Patel, R.G.; Sankar, B.B.; BHANAWAT, H.; Saxena, A.; Asthana, S.

(11) AU-A-2021103601

(21) 2021103601 (22) 24.06.2021

(54) SYSTEM AND METHOD FOR MONITORING POST COVID PATIENT USING MACHINE LEARNING AND BLOCK CHAIN

(51) Int. Cl.

G16H 80/00 ( 2018.01 )

A61B 5/00 ( 2006.01 )

A61B 5/01 ( 2006.01 )

A61B 5/024 ( 2006.01 )

A61B 5/11 ( 2006.01 )

A61B 5/16 ( 2006.01 )

G16H 10/60 ( 2018.01 )

G16H 50/30 ( 2018.01 )

H04L 9/32 ( 2006.01 )

G06N 20/00 ( 2019.01 )

(45) 19.08.2021

(72) Agarwal, Anshu; Chaturvedi, Prashant; Patel, Rajankumar G.; Sankar, B. P. Bijay; BHANAWAT, HEMANT; Saxena, Akash; Asthana, Stuti

(74) Prashant Chaturvedi

**Agro-biological Gene Research Center of Guangdong Academy of Agricultural Sciences see Vegetable Research Institute of Guangdong Academy of Agricultural Sciences**

(21) 2021103557

**Ahirwar, B. see Ahirwar, D.**

(21) 2021103481

(71) Ahirwar, D.; Gupta, S.; Jhade, D.; Ahirwar, B.; Jain, R.; Mohit

(11) AU-A-2021103481

(21) 2021103481 (22) 19.06.2021

(54) CONTRACEPTIVE COMPOSITION

(51) Int. Cl.

A61K 36/534 ( 2006.01 )

A61K 9/00 ( 2006.01 )

A61K 9/20 ( 2006.01 )

A61K 47/02 ( 2006.01 )

A61K 47/10 ( 2017.01 )

A61K 47/14 ( 2017.01 )

A61K 47/32 ( 2006.01 )

A61K 47/38 ( 2006.01 )

A61P 15/18 ( 2006.01 )

(45) 19.08.2021

(72) Ahirwar, Dheeraj; Gupta, Sandeep; Jhade, Deenanath; Ahirwar, Bharti; Jain, Ritesh; Mohit

(74) Lexgin IP

(71) Al Dhuhoori, A.; Jasar, J.

(11) AU-A-2021103648

(21) 2021103648 (22) 26.06.2021

(54) QUANTITATIVE FORESIGHT SYSTEM AND METHOD FOR SCENARIO PLANNING AND DECISION MAKING

(51) Int. Cl.

G06Q 10/04 ( 2012.01 )

G06Q 10/06 ( 2012.01 )

G06N 20/00 ( 2019.01 )

G06Q 40/02 ( 2012.01 )

G06Q 40/04 ( 2012.01 )

G06Q 40/06 ( 2012.01 )

(45) 19.08.2021

(72) Al Dhuhoori, Abid; Jasar, Jamsheed

(74) Shakira N

**Ali, K.B. see Singh, P.**

(21) 2021103643

**Anand, R. see Barak, D.**

(21) 2021103225

**Anand, D. see Sabharwal, M.**

(21) 2021103235

**Anand, J. see Devarajan, B.**

(21) 2021103630

**Anhui yirenan Co., Ltd see Bozhou University**

(21) 2021103393

(71) Apple Inc.

(11) AU-A-2021103713

(21) 2021103713 (22) 29.06.2021

(54) Indium-phosphide VCSEL with dielectric DBR

(51) Int. Cl.

H01L 33/10 ( 2010.01 )

H01S 5/125 ( 2006.01 )

H01S 5/183 ( 2006.01 )

(45) 19.08.2021

(62) PCT/US2020/018475

(72) PARK, Jae Y.; LAFLAQUIERE, Arnaud; VEROVE, Christophe; TAN, Fei

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-A-2021103816

(21) 2021103816 (22) 02.07.2021

(54) Electronic devices with motion sensing and angle of arrival detection circuitry

(51) Int. Cl.

G01S 13/75 ( 2006.01 )

G01S 3/04 ( 2006.01 )

G01S 3/46 ( 2006.01 )

G01S 3/48 ( 2006.01 )

G01S 13/42 ( 2006.01 )

G01S 13/86 ( 2006.01 )

G01S 13/46 ( 2006.01 )

G01S 13/76 ( 2006.01 )

G01S 13/82 ( 2006.01 )

G01S 13/84 ( 2006.01 )

(45) 19.08.2021

(62) 2020102428

(72) ERTAN, Tunc; LEDVINA, Brent M.; BRUMLEY, Robert W.; MEYER, Adam S.; TSOI, Peter C.

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-A-2021103858

(21) 2021103858 (22) 05.07.2021

(54) Force-activated earphone

(51) Int. Cl.

H04R 1/10 ( 2006.01 )

G06F 3/01 ( 2006.01 )

H03K 17/96 ( 2006.01 )

(45) 19.08.2021

(62) 2021101005

(72) HARJEE, Nahid; TWEHUES, Brian R.; SONGATIKAMAS, Teera

(74) FPA Patent Attorneys Pty Ltd

**Arockiam, A.J. see Sampath, B.**

(21) 2021103791

**Ashraf, M. see Kavitha, R.**

(21) 2021103738

Innovation Patents Open to Public Inspection - Name Index cont'd

**Asthana, S. see Agarwal, A.**  
(21) 2021103601

**B, B. see A, R.**  
(21) 2021103548

**B. R., P. see M., H.**  
(21) 2021103341

(71) Bailey, R.  
(11) AU-A-2021103700  
(21) 2021103700 (22) 29.06.2021  
(54) MOUNTING ASSEMBLY FOR A CARAVAN REFRIGERATOR  
(51) Int. Cl.  
F25D 23/10 (2006.01)  
F25D 23/00 (2006.01)  
F25D 29/00 (2006.01)  
(31) 2020902258 (32) 02.07.20 (33) AU  
(45) 19.08.2021  
(72) Bailey, Royce  
(74) Michael Buck IP

**Balusamy, B. see Sabharwal, M.**  
(21) 2021103235

**Bande, V. see Kavitha, R.**  
(21) 2021103738

(71) Barak, D.; Singh, K.; S.; Kumar, N.; Kumar, D.; Kumar, M.; Pandey, M.; Shehzad, M.; Anand, R.; Dalal, S.; Verma, N.; Quadir, A.; Singh, Y.; Kumar, V.  
(11) AU-A-2021103225  
(21) 2021103225 (22) 09.06.2021  
(54) EMBANKMENT DAM ANALYSIS TO REDUCE FLOOD IMPACT USING SENSOR MODELLING AND GIS TECHNIQUES  
(51) Int. Cl.  
G06F 30/17 (2020.01)  
E02D 17/20 (2006.01)  
G06F 30/23 (2020.01)  
G06F 30/27 (2020.01)  
(45) 19.08.2021  
(72) Barak, Dheerhdwaj; Singh, Khushwant; Sitender; Kumar, Nitish; Kumar, Deepak; Kumar, Mahesh; Pandey, Muralidhar; Shehzad, Mohammed; Anand, Rishabh; Dalal, Sachin; Verma, Nishant; Quadir, Abdul; Singh, Yudhvir; Kumar, Vinit  
(74) Dheerhdwaj Barak

(71) Bargat, S.; Shirbhate, N.; Parauha, Y.; Dhoble, S.J.  
(11) AU-A-2021103790  
(21) 2021103790 (22) 01.07.2021  
(54) Synthesis of Green Exciting Eu<sup>2+</sup> Activated Far Red Color Emitting CaMg<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> Phosphor for Plant Cultivation  
(51) Int. Cl.

C09K 11/77 (2006.01)  
(45) 19.08.2021  
(72) Bargat, Sushant; Shirbhate, Nayana; Parauha, Yatish; Dhoble, Sanjay J.  
(74) Sanjay J. Dhoble

(71) BASKARAN, P.; PALANIVELU, E.; RAMAR, N.  
(11) AU-A-2021104271  
(21) 2021104271 (22) 17.07.2021  
(54) METHOD FOR REMOVAL OF CHROMIUM FROM GROUNDWATER USING ACTIVATED CARBON FROM SHELL OF COCOS NUCIFERA  
(51) Int. Cl.  
C02F 1/62 (2006.01)  
C02F 1/28 (2006.01)  
C02F 1/52 (2006.01)  
C02F 101/20 (2006.01)  
C02F 103/06 (2006.01)  
(45) 19.08.2021  
(72) BASKARAN, PRIYADHARSHINI; PALANIVELU, ESHANTHINI; RAMAR, NIRMALA  
(74) PREM CHARLES IMMANUEL

(71) Beijing Cosmos Safety Technology Co. Ltd  
(11) AU-A-2021103669  
(21) 2021103669 (22) 28.06.2021  
(54) Intelligent electrical fire warning system and method for tobacco warehouse Technology Field  
(51) Int. Cl.  
G05B 19/042 (2006.01)  
G05B 9/02 (2006.01)  
G05B 13/02 (2006.01)  
G05B 23/02 (2006.01)  
G08B 5/22 (2006.01)  
G08B 27/00 (2006.01)  
G08B 29/18 (2006.01)  
G08B 29/26 (2006.01)  
G08B 31/00 (2006.01)  
H04W 4/38 (2018.01)  
G06N 3/08 (2006.01)  
G06N 5/04 (2006.01)  
(45) 19.08.2021  
(72) Yu, Minjun; Huang, Guozhong; Ou, Shengnan  
(74) Alder IP Pty Ltd

**Bhadla, M. see Dhiman, G.**  
(21) 2021103730

**BHANAWAT, H. see Agarwal, A.**  
(21) 2021103601

**Bhanu, B.B. see Hemalatha, S.**  
(21) 2021103628

**Bharamagoudra, M.R. see Biradar, R.C.**  
(21) 2021102047

**Bhattacharya, S. see diana, F.S.**

(21) 2021103555

(71) Biradar, R.C.; Kodabagi, M.M.; U. M, A.; Bharamagoudra, M.R.  
(11) AU-A-2021102047  
(21) 2021102047 (22) 19.04.2021  
(54) A SYSTEM FOR USER IDENTIFICATION AND CONTACTLESS TEMPERATURE DETECTION AND A METHOD THEREOF  
(51) Int. Cl.  
G01J 5/00 (2006.01)  
A61B 5/00 (2006.01)  
A61B 5/01 (2006.01)  
A61B 5/1171 (2016.01)  
G01S 17/48 (2006.01)  
G06K 7/10 (2006.01)  
G06K 9/00 (2006.01)  
(45) 19.08.2021  
(72) Biradar, R. C.; Bharamagoudra, Manjula R.; Kodabagi, Mallikarjun M.; U. M., Ashwinkumar; Akansie, Kouame Yann Olivier; Cholachgudda, Kartik E.; B. N., Aryalekshmi; D., Geeta; Kannaiah; Shyam, Gopal Krishna; Babu, Surendra; Kumar B., Aruna  
(74) R. C. Biradar

**Bisoyi, B. see diana, F.S.**  
(21) 2021103555

(71) Bozhou University; Anhui yiren Co., Ltd  
(11) AU-A-2021103393  
(21) 2021103393 (22) 16.06.2021  
(54) A Formula of a Traditional Chinese Medicine Bacteriostatic Disinfectant and Preparation Method Thereof  
(51) Int. Cl.  
A01N 65/12 (2009.01)  
A01P 1/00 (2006.01)  
A61K 36/24 (2006.01)  
A61K 36/28 (2006.01)  
A61K 36/287 (2006.01)  
A61K 36/355 (2006.01)  
A61K 36/534 (2006.01)  
A61L 2/00 (2006.01)  
A61L 2/18 (2006.01)  
A61P 31/04 (2006.01)  
A01N 25/02 (2006.01)  
A01N 65/08 (2009.01)  
(45) 19.08.2021  
(72) Yang, Yongjian; Zhi, Yunkun; Yu, Hao; Zhu, Ming; Ge, Yue; Han, Guang; Wang, Wenjian; Wang, Mengli; Xia, Youfu; Zhang, Jin  
(74) Alder IP Pty Ltd

**B P, M. see diana, F.S.**  
(21) 2021103555

(71) Brown, V.  
(11) AU-A-2021103459  
(21) 2021103459 (22) 18.06.2021  
(54) Improvements in and for sliced bread  
(51) Int. Cl.

Innovation Patents Open to Public Inspection - Name Index cont'd

**A47G 19/32** ( 2006.01 )  
**A21D 15/02** ( 2006.01 )  
**A47J 47/12** ( 2006.01 )  
**B65B 25/16** ( 2006.01 )  
**B65B 67/04** ( 2006.01 )  
**B65D 1/34** ( 2006.01 )  
**B65D 57/00** ( 2006.01 )  
**(31)** 2020902153 **(32)** 26.06.20 **(33)** AU  
**(45)** 19.08.2021  
**(72)** Brown, Vicki  
**(74)** WADESON

**B S, V. see Devarajan, B.**  
**(21)** 2021103630

**(71)** Central South University; Chongqing Geomatics and Remote Sensing Center  
**(11)** AU-A-2021103625  
**(21)** 2021103625 **(22)** 25.06.2021  
**(54)** REMOTE SENSING IMAGE SEMANTIC SEGMENTATION METHOD BASED ON CONTRASTIVE SELF-SUPERVISED LEARNING  
**(51)** Int. Cl.  
**G06K 9/62** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**G06T 7/11** ( 2017.01 )  
**(31)** 2021102852561 **(32)** 17.03.21 **(33)** CN  
**(45)** 19.08.2021  
**(72)** Li, Haifeng; Li, Yi; Li, Penglong; Zhang, Zeli; Hu, Yan; Xiao, He; Tao, Chao; Ding, Yi; Ma, Zezhong  
**(74)** Brealant Limited

**(71)** Changsha University Of Science & Technology  
**(11)** AU-A-2021103764  
**(21)** 2021103764 **(22)** 30.06.2021  
**(54)** PROCESSING METHOD FOR IMPROVING HIGH-TEMPERATURE CREEP PERFORMANCE OF MAGNESIUM ALLOY BY ROLLING AND PRE-COMPRESSION  
**(51)** Int. Cl.  
**C22F 1/06** ( 2006.01 )  
**C22C 23/02** ( 2006.01 )  
**(31)** 202011616876.0 **(32)** 31.12.20 **(33)** CN  
**(45)** 19.08.2021  
**(72)** Huang, Weiyang; Li, Wei; Huang, Huang; Zhou, Libo; Qiu, Wei  
**(74)** Madderns Pty Ltd

**Chaturvedi, P. see Agarwal, A.**  
**(21)** 2021103601

**(71)** CHEN, S.  
**(11)** AU-A-2021103542  
**(21)** 2021103542 **(22)** 22.06.2021  
**(54)** DUAL-DIGIT SHEATH FOR STARTING, TURNING AND/OR DRIVING FASTENERS  
**(51)** Int. Cl.  
**A41D 13/08** ( 2006.01 )  
**(31)** 2020904056 **(32)** 06.11.20 **(33)** AU

**(45)** 19.08.2021  
**(72)** CHEN, Shan  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

---

**(71)** China Institute of Water Resources and Hydropower Research  
**(11)** AU-A-2021103631  
**(21)** 2021103631 **(22)** 25.06.2021  
**(54)** Experimental device and method for simulating the migration process of submarine debris flow  
**(51)** Int. Cl.  
**G01F 13/00** ( 2006.01 )  
**(31)** 202110050217.3 **(32)** 14.01.21 **(33)** CN  
**(45)** 19.08.2021  
**(72)** Zhang, Zitao; Hu, Jing; Zhang, Xuedong; Li, Chunlei; Liang, Jianhui  
**(74)** PATENTS AU PTY LTD

**(71)** China Railway No.3 Engineering Group Co., Ltd.; Shijiazhuang Tiedao University; Transportation and Engineering Branch of China Railway No.3 Engineering Group Co., Ltd.  
**(11)** AU-A-2021103701  
**(21)** 2021103701 **(22)** 29.06.2021  
**(54)** Self-Propelled Vehicle For Removing Sand From Track  
**(51)** Int. Cl.  
**E01H 8/10** ( 2006.01 )  
**(31)** PCT/ CN2020/099782 **(32)** 01.07.20 **(33)** IB  
**(45)** 19.08.2021  
**(72)** YANG, Hong; WEI, Qingshan; MIAO, Zhonghua; WU, Wenjiang; LIU, Zhiru; LV, Yanjun; CAO, Xuefeng; HAN, Lei; YAN, Jiquan; ZHENG, Mingjun; DUAN, Chenghua; YANG, She; LIU, Ruijie; GAO, Zhanfeng; LI, Yumei; ZHAO, Chenlei; ZHANG, Yu; LI, Jun; LIU, Ting; WANG, Gang; LIU, Guodong; HE, Yunzheng; LI, Naisong; GAO, Yunpeng; YANG, Wei; WANG, Longqing; FENG, Lei; LI, Lu; LIU, Hong; ZHAO, Hang  
**(74)** WRAYS PTY LTD

**China Railway Third Bureau Group Co., Ltd. see China Railway Third Group No.2 Engineering Co., Ltd.**  
**(21)** 2021102861

**(71)** China Railway Third Group No.2 Engineering Co., Ltd.  
**(11)** AU-A-2021102861  
**(21)** 2021102861 **(22)** 26.05.2021  
**(54)** SPECIAL FEEDING DEVICE FOR CEMENT AND SOIL MIXING  
**(51)** Int. Cl.  
**B01F 3/18** ( 2006.01 )  
**B01F 3/20** ( 2006.01 )  
**B01F 7/00** ( 2006.01 )  
**B01F 7/18** ( 2006.01 )  
**B07B 1/28** ( 2006.01 )  
**B28C 5/48** ( 2006.01 )  
**B07B 1/40** ( 2006.01 )

**(45)** 19.08.2021  
**(72)** Dong, Jun; Shen, Fuliang; Zhang, Ningjun; Zhang, Chao; Cui, Yanbin; Li, Xuelei; Chen, Yubo; Liu, Chenghong; Ma, Liang  
**(74)** Ran Tao

**Chongqing Geomatics and Remote Sensing Center see Central South University**  
**(21)** 2021103625

**(71)** Chongqing technology and business university  
**(11)** AU-A-2021103727  
**(21)** 2021103727 **(22)** 29.06.2021  
**(54)** Deoiling and purification device for emulsified wastewater  
**(51)** Int. Cl.  
**C02F 1/40** ( 2006.01 )  
**B01J 20/26** ( 2006.01 )  
**C02F 1/38** ( 2006.01 )  
**C02F 1/68** ( 2006.01 )  
**C09K 3/32** ( 2006.01 )  
**C02F 101/32** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Wu, Yun  
**(74)** Alder IP Pty Ltd

**(71)** Chopra, D.  
**(11)** AU-A-2021103544  
**(21)** 2021103544 **(22)** 22.06.2021  
**(54)** Named Entity Translation from Hindi to English Using Rule Based Approach  
**(51)** Int. Cl.  
**G06F 40/55** ( 2020.01 )  
**G06F 40/58** ( 2020.01 )  
**G06N 5/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Chopra, Deepti  
**(74)** Deepti Chopra

**CHRISTOBER, D. see JOSEPH, J.**  
**(21)** 2021103381

**City College, Kunming University of Science and Technology see Flower Research Institute, Yunnan Academy of Agricultural Sciences**  
**(21)** 2021104466

**(71)** Kelvin, J.  
**(11)** AU-A-2021103465  
**(21)** 2021103465 **(22)** 18.06.2021  
**(54)** A washing composition for mine equipment  
**(51)** Int. Cl.  
**C11D 1/83** ( 2006.01 )  
**B08B 3/08** ( 2006.01 )  
**C11D 3/00** ( 2006.01 )  
**C11D 3/04** ( 2006.01 )  
**C11D 3/18** ( 2006.01 )  
**C11D 3/20** ( 2006.01 )  
**C23G 1/04** ( 2006.01 )  
**B09B 3/00** ( 2006.01 )  
**(31)** 2020902408 **(32)** 13.07.20 **(33)** AU

Innovation Patents Open to Public Inspection - Name Index cont'd

2020903700 12.10.20 AU  
**(45)** 19.08.2021  
**(72)** Colvin, John  
**(74)** Spruson & Ferguson

**(71)** COREIoT Pty Ltd  
**(11)** AU-A-2021103530  
**(21)** 2021103530 **(22)** 22.06.2021  
**(54)** Sensor System  
**(51)** Int. Cl.  
*G01D 18/00* ( 2006.01 )  
*G01D 1/02* ( 2006.01 )  
*G01D 1/18* ( 2006.01 )  
*G05B 23/02* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
*G01H 11/00* ( 2006.01 )  
*G01P 15/02* ( 2013.01 )  
*G08C 17/00* ( 2006.01 )  
**(31)** 2021901396 **(32)** 11.05.21 **(33)** AU  
**(45)** 19.08.2021  
**(72)** Shah, Nisarg  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** CP-IP Limited  
**(11)** AU-A-2021103406  
**(21)** 2021103406 **(22)** 17.06.2021  
**(54)** Modular Container Assembly for a Pool and Method of Construction  
**(51)** Int. Cl.  
*E04H 4/00* ( 2006.01 )  
*E04H 4/04* ( 2006.01 )  
*E04H 4/14* ( 2006.01 )  
**(45)** 19.08.2021  
**(62)** 2018282264  
**(72)** Painter, Michael Henry; Painter, Joel Michael  
**(74)** Pipers Intellectual Property

**(71)** Cripps Clark, J.  
**(11)** AU-A-2021103348  
**(21)** 2021103348 **(22)** 15.06.2021  
**(54)** BAC: BlackBoxAuthority Coordinator is a device and systems for implementing it to coordinate multiple other IoT devices. It is suitable for a wide variety of situations and applications.  
**(51)** Int. Cl.  
*G16Y 30/10* ( 2020.01 )  
*G06Q 10/10* ( 2012.01 )  
*H04W 12/06* ( 2021.01 )  
*G06F 11/30* ( 2006.01 )  
*G06F 21/50* ( 2013.01 )  
*H04L 12/26* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
**(31)** 2020902146 **(32)** 26.06.20 **(33)** AU  
**(45)** 19.08.2021  
**(72)** Cripps Clark, Julianne  
**(74)** Julianne Mary Cripps Clark

**(71)** Crop Research Institute, Shandong Academy of Agricultural Sciences  
**(11)** AU-A-2021102937  
**(21)** 2021102937 **(22)** 28.05.2021  
**(54)** LOTUS ROOT POWDER-FLAVORED STEAMED BREAD WITHOUT PEEL-

ING AND CRACKING AND PREPARATION METHOD THEREOF  
**(51)** Int. Cl.  
*H03H 17/02* ( 2006.01 )  
*G05B 13/04* ( 2006.01 )  
*H03H 7/01* ( 2006.01 )  
*H03H 17/06* ( 2006.01 )  
*H03H 7/06* ( 2006.01 )  
*H03H 11/12* ( 2006.01 )  
*H03H 19/00* ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** GONG, Kuijie; LI, Xiaoyue; GUO, Yuqiu; CHEN, Lirong; WANG, Xingya  
**(74)** James & Wells Intellectual Property

**(71)** Cycliq Products Pty Ltd  
**(11)** AU-A-2021103191  
**(21)** 2021103191 **(22)** 08.06.2021  
**(54)** A security device for a bicycle  
**(51)** Int. Cl.  
*B62J 45/00* ( 2020.01 )  
*B62J 6/045* ( 2020.01 )  
*B62J 6/015* ( 2020.01 )  
*B62J 45/10* ( 2020.01 )  
**(45)** 19.08.2021  
**(72)** Calik, Lukasz; Haywood, David  
**(74)** Northern Lights IP

**(71)** D & S Stott Pty Ltd  
**(11)** AU-A-2016102471  
**(21)** 2016102471 **(22)** 19.07.2016  
**(54)** Installing cornice  
**(51)** Int. Cl.  
*E04F 19/04* ( 2006.01 )  
*E04F 21/165* ( 2006.01 )  
*E04B 9/30* ( 2006.01 )  
*E04F 13/06* ( 2006.01 )  
**(31)** 2015902877 **(32)** 20.07.15 **(33)** AU  
**(45)** 19.08.2021  
**(72)** Stott, Darren Andrew; Sutton, Phill  
**(74)** BRM Patent Attorneys Pty Ltd

**(71)** DAI, A.  
**(11)** AU-A-2021103776  
**(21)** 2021103776 **(22)** 01.07.2021  
**(54)** Clamp  
**(51)** Int. Cl.  
*H01R 11/11* ( 2006.01 )  
*H01H 1/12* ( 2006.01 )  
*H01H 3/54* ( 2006.01 )  
*H01R 4/10* ( 2006.01 )  
*H01R 11/01* ( 2006.01 )  
*H01R 11/24* ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** DAI, Alex  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**Dalal, S. see Barak, D.**  
**(21)** 2021103225

**Dalian Fugu Food Co., Ltd see Qingdao National Laboratory for Marine Science and Technology Development Centre**  
**(21)** 2021103545

**Dalian Fugu Food Co., Ltd see Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences**  
**(21)** 2021103677

**(71)** Dalian Ocean University  
**(11)** AU-A-2021104302  
**(21)** 2021104302 **(22)** 19.07.2021  
**(54)** MARKER PRIMER COMBINATION FOR MOLECULAR IDENTIFICATION OF QUANTITATIVE TRAITS OF SPINES OF APOSTICHOPUS JAPONICUS AND USE THEREOF  
**(51)** Int. Cl.  
*C12Q 1/6888* ( 2018.01 )  
*A01K 61/30* ( 2017.01 )  
**(31)** 202110175759.3 **(32)** 09.02.21 **(33)** CN  
**(45)** 19.08.2021  
**(72)** DING, Jun; CHANG, Yaqing; GAO, Pingping; WANG, Luo  
**(74)** Griffith Hack

**(71)** Dalian University of Technology  
**(11)** AU-A-2021103676  
**(21)** 2021103676 **(22)** 28.06.2021  
**(54)** GUIDE VANE STRUCTURE WITH WAVE-SHAPED BIONIC STRUCTURES FOR NUCLEAR MAIN PUMP AND DESIGN METHOD  
**(51)** Int. Cl.  
*F04D 29/44* ( 2006.01 )  
*G21C 15/243* ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** LU, Yeming; WANG, Xiaofang; LIU, Haoran; LI, Yingyue; YAN, Yongqi  
**(74)** Griffith Hack

**Devadutta, K. see Hemalatha, S.**  
**(21)** 2021103628

**(71)** Devarajan, B.; R, P.; M, K.; J, J.C.; S.N, K.; J, V.; M, V, S.; Dukkkipati, S.; S, B.; Anand, J.; O, K.; Mannam, P.; Y, M.R.; Mahammad, F.S.; V, M.; B S, V.; M, K.A.  
**(11)** AU-A-2021103630  
**(21)** 2021103630 **(22)** 25.06.2021  
**(54)** COMBINING THE GAS-METAL ELEMENT FOR GREEN ENERGY HARVESTING OPTIMISED USING MACHINE LEARNING  
**(51)** Int. Cl.  
*H02N 2/18* ( 2006.01 )  
*F03G 1/00* ( 2006.01 )  
*F03G 7/06* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
**(45)** 19.08.2021  
**(72)** Devarajan, Balaji; R., Partheepan; M., Krishnamurthy; J., Jerusalin Carol; S. N., Kumar; J., Venkatesh; M. V., Subramanyam; Dukkkipati, Sudha; S., Balaji; Anand, Jose; O., KalaiPriya; Mannam, Praveen; Y., Mallikarjuna Rao; Mahammad, Farooq Sunar; V., Mareeswari; B. S., Vidhyasagar; M., Kishore Abishek  
**(74)** Balaji Devarajan

Innovation Patents Open to Public Inspection - Name Index cont'd

**Dhanaraj, R.K. see Sabharwal, M.**

(21) 2021103235

**DHAS, J.T.M. see LAKSHMIKANTHAN, A.**

(21) 2021102649

(71) Dhiman, G.; Tharewal, S.; Joon, R.; Sonawane, K.; Solanki, S.; Puri, T.; Subramanian, S.; Kothari, P.; Bhadla, M.; Dhirajlal, V.

(11) AU-A-2021103730

(21) 2021103730 (22) 29.06.2021

(54) AN IOT AND CLOUD COMPUTING ENABLED 5G SENSOR NETWORK FOR SMART CITY IMPLEMENTS

(51) Int. Cl.

H04W 40/32 ( 2009.01 )

H04W 40/20 ( 2009.01 )

H04W 84/18 ( 2009.01 )

(45) 19.08.2021

(72) Dhiman, Gaurav; Tharewal, Sumegh; Joon, Rakesh; Sonawane, Krushna; Solanki, Surendra; Puri, Tanvi; Subramanian, Senthilkumar; Kothari, Priya; Bhadla, Mohitkumar; Dhirajlal, Vaja

(74) Gaurav Dhiman

**Dhirajlal, V. see Dhiman, G.**

(21) 2021103730

**Dhoble, S.J. see Bargat, S.**

(21) 2021103790

(71) diana, F.S.; Murali, M.; Bisoyi, B.; S, S.; Tiwari, A.; S R, S.; B P, M.; Bhattacharya, S.; Subramanian, S.; Pukkunnen, E.B.; Jenopaul, P.; Mateen, A.

(11) AU-A-2021103555

(21) 2021103555 (22) 23.06.2021

(54) MACHINE LEARNING BASED ENERGY EFFICIENT SMART CITY MANAGEMENT

(51) Int. Cl.

G06K 9/00 ( 2006.01 )

G06N 3/02 ( 2006.01 )

G06K 9/32 ( 2006.01 )

G06N 3/08 ( 2006.01 )

(45) 19.08.2021

(72) diana, F. Helen Sha; Murali, M.; Bisoyi, Bhubaneswari; S., Selva kumar; Tiwari, Ankita; S. R., Sandeep; B. P., Madhu; Bhattacharya, Sumanta; Subramanian, Suresh; Pukkunnen, Emmanuel Babu; Jenopaul, P.; Mateen, Ahmed

(74) JAGANNATH JADHAV

**DIANA, F.H.S. see LAKSHMIKANTHAN, A.**

(21) 2021102649

(71) Diogenes Limited

(11) AU-A-2021103809

(21) 2021103809 (22) 23.04.2021

(54) Pool wagering apparatus, methods and systems

(51) Int. Cl.

G06Q 50/34 ( 2012.01 )

(45) 19.08.2021

(62) 2019201870

(72) MARANTELLI, Bernard J.

(74) FB Rice Pty Ltd

**Dogga, A.D. see Sampath, B.**

(21) 2021103791

**Dukkipati, S. see Devarajan, B.**

(21) 2021103630

**Dwivedi, A. see Singh, P.**

(21) 2021103643

**E.ANNA DEVI see I.REXILINE SHEEBA**

(21) 2021101727

(71) Ecological Society of Shandong

(11) AU-A-2021103386

(21) 2021103386 (22) 16.06.2021

(54) A method for preparing potassium-rich biological fertilizer from alligator weed - a kind of invasive plant

(51) Int. Cl.

C05F 11/00 ( 2006.01 )

C05F 3/00 ( 2006.01 )

C05F 17/60 ( 2020.01 )

(45) 19.08.2021

(72) Liu, Dasheng; Xie, Weimin; Zhang, Hengyang; Wang, Songlin; Yang, Shuying; Li, Kai; Meng, Fanjin; Zhang, Lisan

(74) Shelston IP Pty Ltd.

(71) Equilume Ltd

(11) AU-A-2021104478

(21) 2021104478 (22) 23.07.2021

(54) BOVINE HEADPIECE AND METHOD

(51) Int. Cl.

A01K 29/00 ( 2006.01 )

A01K 13/00 ( 2006.01 )

A61N 5/06 ( 2006.01 )

(45) 19.08.2021

(62) 2018223902

(72) Murphy, Barbara

(74) Madderns Pty Ltd

(71) Eswaraiah, R.; Tirumalasetty, S.; Gundabatini, S.G.; Putheti, S.; Kolluru, S.B.; Nallamala, S.H.; Pinnamaneni, S.P.; Janjanam, M.B.; Pujari, J.J.; Prasanna, N.L.

(11) AU-A-2021103578

(21) 2021103578 (22) 24.06.2021

(54) A Novel Method COVID -19 infection using Deep Learning Based System

(51) Int. Cl.

G16H 50/20 ( 2018.01 )

A61B 6/00 ( 2006.01 )

A61B 6/03 ( 2006.01 )

G06K 9/00 ( 2006.01 )

G06K 9/62 ( 2006.01 )

G16H 50/80 ( 2018.01 )

G06F 17/15 ( 2006.01 )

(45) 19.08.2021

(72) Eswaraiah, Rayachoti; Tirumalasetty, Sudhir; Gundabatini, Sanjay Gandhi; Putheti, Sudhakar; Kolluru, Suresh Babu; Nallamala, Sri Hari; Pinnamaneni, Siva Prasad; Janjanam, Madhu Babu; Pujari, Jeevana Jyothi; Prasanna, N Lakshmi

(74) vijji arun

**F.V.JAYASUDHA see I.REXILINE SHEEBA**

(21) 2021101727

(71) Flower Research Institute, Yunnan Academy of Agricultural Sciences; City College, Kunming University of Science and Technology

(11) AU-A-2021104466

(21) 2021104466 (22) 23.07.2021

(54) INDOOR VERTICAL GREENING SYSTEM WITH TUBEROUS BEGONIA AND INDOOR VERTICAL GREENING METHOD

(51) Int. Cl.

A01G 9/02 ( 2018.01 )

A01G 27/00 ( 2006.01 )

(45) 19.08.2021

(72) JIA, Wenjie; LU, Lin; HOU, Yanfei; DU, Wenwen; WANG, Xiangning; GUO, Yan; CUI, Guangfen; DUAN, Qing; MA, Lulin

(74) Griffith Hack

**Fujian Agriculture and Forestry University see Tibet Academy of Agriculture and Animal Husbandry Sciences**

(21) 2021103569

**G, P. see A, R.**

(21) 2021103548

**G., P. see Hemalatha, S.**

(21) 2021103628

**G.JEGAN see I.REXILINE SHEEBA**

(21) 2021101727

**Ganesan, M. see Sampath, B.**

(21) 2021103791

(71) Gansu Agricultural University

(11) AU-A-2021103556

(21) 2021103556 (22) 23.06.2021

(54) INTELLIGENT MONITORING DEVICE FOR LANDSCAPE ECOLOGICAL ENVIRONMENT

(51) Int. Cl.

B63B 35/00 ( 2020.01 )

G01N 33/18 ( 2006.01 )



Innovation Patents Open to Public Inspection - Name Index cont'd

- (45) 19.08.2021  
(72) Song, Jie; Yao, Fei; Tian, Qing  
(74) Remarkable IP
- 
- Garg, A. see Nayyar, A.**  
(21) 2021103399
- 
- Gaur, P. see Singh, P.K.**  
(21) 2021103499
- 
- Gavaskar, T. see Sampath, B.**  
(21) 2021103791
- 
- Ghazal, T. see Sabharwal, M.**  
(21) 2021103235
- 
- (71) GNANASINGHAM, A.  
(11) AU-A-2021103661  
(21) 2021103661 (22) 28.06.2021  
(54) Rescue Charger  
(51) Int. Cl.  
H02J 7/00 ( 2006.01 )  
H02J 50/10 ( 2016.01 )  
(45) 19.08.2021  
(72) GNANASINGHAM, AMITABH  
(74) AMITABH GORDON GNANASINGHAM
- 
- Goel, S. see Hemalatha, S.**  
(21) 2021103628
- 
- (71) Gopalrao Wawale, S.  
(11) AU-A-2021103732  
(21) 2021103732 (22) 29.06.2021  
(54) Prophylactic cure on Leukorrhoea diseases using Medicinal plant  
(51) Int. Cl.  
A61K 36/48 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 9/06 ( 2006.01 )  
A61K 35/20 ( 2006.01 )  
A61K 36/185 ( 2006.01 )  
A61P 15/02 ( 2006.01 )  
A61P 31/04 ( 2006.01 )  
(45) 19.08.2021  
(72) Gopalrao Wawale, Surindar  
(74) Dr. Surindar Gopalrao Wawale
- 
- Govinda, S. see M., H.**  
(21) 2021103341
- 
- (71) Guangdong University of Technology  
(11) AU-A-2021103721  
(21) 2021103721 (22) 29.06.2021  
(54) An Integrated Anaerobic, Anoxic, And Aerobic Treatment Device For Sewage Treatment  
(51) Int. Cl.  
C02F 3/30 ( 2006.01 )  
(45) 19.08.2021  
(72) FENG, Li; LIU, Jiajun; LI, Xuhao; ZUO, Minghao; LI, Changhui; LIU, Bingzhi;
- 
- WANG, Zizeng; CHEN, Yuning; GUAN, Jiaming  
(74) WRAYS PTY LTD
- 
- (71) Guangdong University of Technology  
(11) AU-A-2021103751  
(21) 2021103751 (22) 30.06.2021  
(54) A Piece Of Municipal Automatic Sewage Treatment Equipment  
(51) Int. Cl.  
C02F 3/20 ( 2006.01 )  
C02F 3/14 ( 2006.01 )  
(45) 19.08.2021  
(72) FENG, Li; LIU, Jiajun; LI, Xuhao; ZUO, Minghao; CHEN, Yuning; LI, Changhui  
(74) WRAYS PTY LTD
- 
- (71) Guangdong University of Technology  
(11) AU-A-2021103756  
(21) 2021103756 (22) 30.06.2021  
(54) A Sludge Cleaning Device For Sewage Treatment Tank  
(51) Int. Cl.  
B08B 9/087 ( 2006.01 )  
(45) 19.08.2021  
(72) LIU, Jiajun; LI, Xuhao; ZUO, Minghao; CHEN, Yuning; LI, Changhui; WANG, Zizeng  
(74) WRAYS PTY LTD
- 
- Gundabatini, S.G. see Eswaraiah, R.**  
(21) 2021103578
- 
- Gundagani, U.K. see Kavitha, R.**  
(21) 2021103738
- 
- Gupta, S. see Ahirwar, D.**  
(21) 2021103481
- 
- Gupta, G. see Singh, P.**  
(21) 2021103643
- 
- (71) Hebei Hospital of Traditional Chinese Medicine  
(11) AU-A-2021103611  
(21) 2021103611 (22) 25.06.2021  
(54) External plaster for treating asthma and preparation method thereof  
(51) Int. Cl.  
A61K 9/70 ( 2006.01 )  
A61F 13/00 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 36/16 ( 2006.01 )  
A61K 36/232 ( 2006.01 )  
A61K 36/268 ( 2006.01 )  
A61K 36/31 ( 2006.01 )  
A61K 36/47 ( 2006.01 )  
A61K 36/81 ( 2006.01 )  
A61K 36/8888 ( 2006.01 )  
A61P 11/06 ( 2006.01 )  
(45) 19.08.2021  
(72) Geng, Limei  
(74) Alder IP Pty Ltd
- 
- (71) Hemalatha, S.; Raj, V.; Raga, S.; Devadutta, K.; Rout, S.; Vikram, S.; Kumar, B.; Bhanu, B.B.; G., P.; Manjunath, T.; Goel, S.; Mungara, J.; S., M.  
(11) AU-A-2021103628  
(21) 2021103628 (22) 25.06.2021  
(54) SMART ORGANIC LED FARMING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING MODEL  
(51) Int. Cl.  
A01G 9/24 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
(45) 19.08.2021  
(72) Hemalatha, S.; Raj, Vivek; Raga, Sarika; Devadutta, Kumar; Rout, Sandeep; Vikram, Shweta; Kumar, Binod; Bhanu, B. Balaji; G., Pavithra; Manjunath, T. C.; Goel, Sachin; Mungara, Jitendranath; S., Muthukumar  
(74) John Thomas
- 
- (71) Hezhou University  
(11) AU-A-2021103383  
(21) 2021103383 (22) 16.06.2021  
(54) Preparation method of soft canned taro  
(51) Int. Cl.  
A23L 19/10 ( 2016.01 )  
A23B 7/005 ( 2006.01 )  
A23B 7/08 ( 2006.01 )  
(45) 19.08.2021  
(72) Duan, Zhenhua; Chen, Yan; Duan, Weiben; Pan, Yuyan; Liu, Yan; Gao, Dan  
(74) Alder IP Pty Ltd
- 
- (71) Hookey, S.  
(11) AU-A-2021103779  
(21) 2021103779 (22) 01.07.2021  
(54) A modular electricity generation system  
(51) Int. Cl.  
F03B 17/06 ( 2006.01 )  
F03B 13/26 ( 2006.01 )  
(31) 2020904104 (32) 10.11.20 (33) AU  
(45) 19.08.2021  
(72) Hookey, Scott  
(74) Spruson & Ferguson
- 
- (71) Hudswell, C.  
(11) AU-A-2021103582  
(21) 2021103582 (22) 24.06.2021  
(54) Training or Exercise Apparatus  
(51) Int. Cl.  
A63B 69/06 ( 2006.01 )  
A63B 17/04 ( 2006.01 )  
A63B 23/04 ( 2006.01 )  
(45) 19.08.2021  
(72) Hudswell, Christopher  
(74) Pipers Intellectual Property
- 
- (71) Hunan University  
(11) AU-A-2021103887  
(21) 2021103887 (22) 06.07.2021  
(54) Multi-octave ultra-wideband antenna and conformal array antenna  
(51) Int. Cl.  
H01Q 1/38 ( 2006.01 )  
H01Q 1/50 ( 2006.01 )

Innovation Patents Open to Public Inspection - Name Index cont'd

- H01Q 1/52** ( 2006.01 )  
**H01Q 3/24** ( 2006.01 )  
**H01Q 9/04** ( 2006.01 )  
**H01Q 9/06** ( 2006.01 )  
**H01Q 17/00** ( 2006.01 )  
**H01Q 21/06** ( 2006.01 )  
**H01Q 21/24** ( 2006.01 )  
**H01Q 21/29** ( 2006.01 )  
**H01Q 25/00** ( 2006.01 )  
**H01Q 13/08** ( 2006.01 )  
**H01Q 13/10** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Li, Gaosheng; Pan, Shaopeng; Shen, Wanting; Qi, Lin; Li, Zhaonan; Li, Jiawei  
**(74)** Alder IP Pty Ltd
- 
- (71)** I.REXILINE SHEEBA; T.JAYANTHY; L.MAGTHELIN THERASE; S.BARANI; S.POORNAPUSHPAKALA; M.SUBRAMONIAM; M. R. EBENEZAR JEBARANI; M.SUGADEV; G.JEGAN; F.V.JAYASUDHA; P.CHITRA; E.ANNA DEVI  
**(11)** AU-A-2021101727  
**(21)** 2021101727 **(22)** 05.04.2021  
**(54)** METHOD FOR FABRICATING FRACTAL ANTENNA FOR BIO MEDICAL APPLICATION  
**(51)** Int. Cl.  
**H01Q 15/00** ( 2006.01 )  
**H01Q 1/24** ( 2006.01 )  
**H01Q 1/36** ( 2006.01 )  
**H01Q 9/04** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/0507** ( 2021.01 )  
**(45)** 19.08.2021  
**(72)** I., REXILINE SHEEBA; T., JAYANTHY; L., MAGTHELIN THERASE; S., BARANI; S., POORNAPUSHPAKALA; M., SUBRAMONIAM; M. R., EBENEZAR JEBARANI; M., SUGADEV; G., JEGAN; F. V., JAYASUDHA; P., CHITRA; E., ANNA DEVI  
**(74)** HUMCEN
- 
- (71)** Imtrade Australia Pty Ltd  
**(11)** AU-A-2021103392  
**(21)** 2021103392 **(22)** 16.06.2021  
**(54)** Pesticide formulation comprising spinosad and s-methoprene  
**(51)** Int. Cl.  
**A01N 43/22** ( 2006.01 )  
**A01N 37/36** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 63/30** ( 2020.01 )  
**(45)** 19.08.2021  
**(72)** McPhee, Neil John; Rainbird, Ross Melville  
**(74)** Spruson & Ferguson
- 
- (71)** Inkjecta Pty Ltd  
**(11)** AU-A-2021104244  
**(21)** 2021104244 **(22)** 16.07.2021  
**(54)** A TATTOO MACHINE POWER SUPPLY  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )
- (45)** 19.08.2021  
**(62)** PCT/AU2020/000145  
**(72)** Drechsler, Byron Royce; Tissen, Kenneth Josheph  
**(74)** Madderns Pty Ltd
- 
- (71)** Inkjecta Pty Ltd  
**(11)** AU-A-2021104245  
**(21)** 2021104245 **(22)** 16.07.2021  
**(54)** HAND-HELD TATTOO MACHINE  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )
- (45)** 19.08.2021  
**(62)** PCT/AU2020/000144  
**(72)** Drechsler, Byron Royce; Tissen, Kenneth Josheph  
**(74)** Madderns Pty Ltd
- 
- (71)** Institute of Anima1l Husbanhy of Heilongjiang Academy of Agricultural Sciences  
**(11)** AU-A-2021103632  
**(21)** 2021103632 **(22)** 26.06.2021  
**(54)** An active probiotic feed additive  
**(51)** Int. Cl.  
**A23K 10/18** ( 2016.01 )  
**A23K 20/142** ( 2016.01 )  
**A23K 20/174** ( 2016.01 )  
**A23K 20/20** ( 2016.01 )  
**(45)** 19.08.2021  
**(72)** Chen, Heshu; Liu, Di; He, Xinmiao; Wang, Wentao; Zhang, Haifeng; Feng, Yanzhong; Tian, Ming; Liu, Ziguang; Wu, SaiHui; He, Haijuan; Qi, Meiyu; Li, Zhongqiu  
**(74)** Ran Tao
- 
- (71)** Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences  
**(11)** AU-A-2021103633  
**(21)** 2021103633 **(22)** 26.06.2021  
**(54)** a feed additive capable for improving breeding capability of Min breeding pigs and preparation method thereof  
**(51)** Int. Cl.  
**A61K 36/746** ( 2006.01 )  
**A23K 20/10** ( 2016.01 )  
**A23K 50/30** ( 2016.01 )  
**A61K 35/586** ( 2015.01 )  
**A61K 35/618** ( 2015.01 )  
**A61K 35/744** ( 2015.01 )  
**A61K 36/062** ( 2006.01 )  
**A61K 36/07** ( 2006.01 )  
**A61K 36/076** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/268** ( 2006.01 )  
**A61K 36/282** ( 2006.01 )  
**A61K 36/346** ( 2006.01 )  
**A61K 36/40** ( 2006.01 )  
**A61K 36/484** ( 2006.01 )  
**A61K 36/515** ( 2006.01 )  
**A61K 36/54** ( 2006.01 )  
**A61K 36/61** ( 2006.01 )  
**A61K 36/64** ( 2006.01 )  
**A61K 36/68** ( 2006.01 )  
**A61K 36/70** ( 2006.01 )  
**A61K 36/714** ( 2006.01 )  
**A61K 36/79** ( 2006.01 )
- 
- (71)** Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences  
**(11)** AU-A-2021103635  
**(21)** 2021103635 **(22)** 26.06.2021  
**(54)** THE UTILITY MODEL RELATES TO A ONE-SIDE SLOPING PLASTIC FILM WARMING ODORLESS BREEDING ENCLOSURE IN COLD AREA AND ITS APPLICATION  
**(51)** Int. Cl.  
**A01K 1/02** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Wang, Wentao; Liu, Di; He, Xinmiao; Chen, Heshu; Zhang, Haifeng; Feng, Yanzhong; Tian, Ming; Liu, Ziguang; Wu, SaiHui; He, Haijuan; Qi, Meiyu; Li, Zhongqiu  
**(74)** Ran Tao
- 
- (71)** Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences  
**(11)** AU-A-2021103636  
**(21)** 2021103636 **(22)** 26.06.2021  
**(54)** AUXILIARY DEVICE FOR PIGLET MEDICINE INFUSION AND USE METHOD THEREOF  
**(51)** Int. Cl.  
**A61D 7/00** ( 2006.01 )  
**A61J 7/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Liu, Di; He, Xinmiao; Wang, Wentao; Chen, Heshu; Zhang, Haifeng; Feng, Yanzhong; Tian, Ming; Liu, Ziguang; Wu, SaiHui; He, Haijuan; Qi, Meiyu; Li, Zhongqiu  
**(74)** Ran Tao
- 
- (71)** Institute of Food Science and Technology Chinese Academy of Agricultural Sciences  
**(11)** AU-A-2019101808  
**(21)** 2019101808 **(22)** 08.08.2019  
**(54)** Gas chromatography method for simultaneously detecting and separating multiple fatty acids  
**(51)** Int. Cl.  
**G01N 30/02** ( 2006.01 )  
**G01N 30/10** ( 2006.01 )  
**(31)** 201910617616.6 **(32)** 10.07.19 **(33)** CN  
**(45)** 19.08.2021  
**(72)** WANG, Qiang; GUO, Qin; LI, Tian; QU, Yang; SHI, Aimin; LIU, Hongzhi; LIU, Li; HU, Hui  
**(74)** Origin Patent and Trade Mark Attorneys

Innovation Patents Open to Public Inspection - Name Index cont'd

---

(71) Institute of process engineering,  
Chinese Academy of Sciences  
(11) AU-A-2021103449  
(21) 2021103449 (22) 18.06.2021  
(54) Sealed Hot Air Cover Device  
(51) Int. Cl.  
*F27D 17/00* ( 2006.01 )  
*B08B 15/02* ( 2006.01 )  
*F27B 21/02* ( 2006.01 )  
*F27D 15/02* ( 2006.01 )  
*F16J 15/14* ( 2006.01 )  
*F16J 15/3288* ( 2016.01 )  
(45) 19.08.2021  
(72) Zhu, Tingyu; Xu, Wenqing; Li,  
Chaoqun; Jiang, Zichao; Yang, Yang  
(74) Alder IP Pty Ltd

---

(71) Institute of Process Engineering,  
Chinese Academy of Sciences  
(11) AU-A-2021103750  
(21) 2021103750 (22) 30.06.2021  
(54) Process and system of energy conser-  
vation and emission reduction in sinter-  
ing process by selective recycling of the  
flue gas  
(51) Int. Cl.  
*F27D 17/00* ( 2006.01 )  
(45) 19.08.2021  
(72) Zhu, Tingyu; Xu, Wenqing; Li, Chaoqun  
(74) Davies Collison Cave Pty Ltd

---

(71) Institute of Urban Environment,  
Chinese Academy of Sciences; Uni-  
versity of Chinese Academy of Sci-  
ences  
(11) AU-A-2021103699  
(21) 2021103699 (22) 29.06.2021  
(54) Method and system for measuring nor-  
malized compactness of urban 3D spa-  
tial form  
(51) Int. Cl.  
*G06T 17/05* ( 2011.01 )  
*G06F 17/10* ( 2006.01 )  
*G06Q 50/08* ( 2012.01 )  
*G06T 17/10* ( 2006.01 )  
(45) 19.08.2021  
(72) YE, Hong; YAN, Han; HU, Xinyue;  
ZHANG, Guoqin  
(74) FB Rice Pty Ltd

---

Ishwarya, K. see Sampath, B.  
(21) 2021103791

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J, J.C. see Devarajan, B.  
(21) 2021103630

---

J, V. see Devarajan, B.  
(21) 2021103630

---

(71) Jacobs, D.  
(11) AU-A-2021103664  
(21) 2021103664 (22) 28.06.2021  
(54) Castor Lock

(51) Int. Cl.  
*B60B 33/02* ( 2006.01 )  
(45) 19.08.2021  
(62) 2017206288  
(72) Jacobs, Douw  
(74) MEYER WEST IP PTY LTD

---

Jain, R. see Ahirwar, D.  
(21) 2021103481

---

Janjanam, M.B. see Eswaraiyah, R.  
(21) 2021103578

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Jasar, J. see Al Dhuhoori, A.  
(21) 2021103648

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JenoPaul, P. see diana, F.S.  
(21) 2021103555

---

Jhade, D. see Ahirwar, D.  
(21) 2021103481

---

Jiang, H. see Wang, Y.  
(21) 2021103506

---

(71) Jiangmen Bonanza Metalware Co., Ltd.  
(11) AU-A-2019101811  
(21) 2019101811 (22) 11.01.2019  
(54) Pot cover and cookware  
(51) Int. Cl.  
*A47J 36/12* ( 2006.01 )  
*A47J 36/06* ( 2006.01 )  
*A47J 45/06* ( 2006.01 )  
(31) 201910008495.5 (32) 04.01.19 (33) CN  
(45) 19.08.2021  
(72) LIN, Yaohuan; HU, Qiang  
(74) IP SOLVED (ANZ) PTY. LTD.

---

(71) Jiangsu University  
(11) AU-A-2021103785  
(21) 2021103785 (22) 01.07.2021  
(54) IN-SITU REPAIR METHOD FOR  
FACADE SURFACE CRACKS BY MI-  
CROBIAALLY INDUCED CALCIUM  
CARBONATE PRECIPITATION  
(51) Int. Cl.  
*E04G 23/02* ( 2006.01 )  
*C12P 3/00* ( 2006.01 )  
(31) 2021105531168 (32) 20.05.21 (33) CN  
(45) 19.08.2021  
(72) Cheng, Liang; Lu, Chunhua; Zheng, Yu-  
long  
(74) Madderns Pty Ltd

---

(71) Jiao, L.  
(11) AU-A-2021103551  
(21) 2021103551 (22) 22.06.2021  
(54) Cell Wall Broken Down Superfine Fish  
Cartilage Powder  
(51) Int. Cl.  
*A23L 17/10* ( 2016.01 )  
*A23B 4/037* ( 2006.01 )

(45) 19.08.2021  
(72) Jiao, Leiming  
(74) WORLD FIELD (AUST) PTY. LTD.

---

Joon, R. see Dhiman, G.  
(21) 2021103730

---

Joseph, A. see Meesaraganda, L.V.P.  
(21) 2021103680

---

(71) JOSEPH, J.; SANTHOSHKUMAR,  
A.W.; CHRISTOBER, D.  
(11) AU-A-2021103381  
(21) 2021103381 (22) 16.06.2021  
(54) METHOD OF PREPARING TRANS-  
DERMAL WOUND HEALING PATCH  
FROM HERBAL EXTRACTS  
(51) Int. Cl.  
*A61K 36/42* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/70* ( 2006.01 )  
*A61K 36/48* ( 2006.01 )  
*A61K 36/61* ( 2006.01 )  
*A61P 17/02* ( 2006.01 )  
*C08L 5/06* ( 2006.01 )  
(45) 19.08.2021  
(72) JOSEPH, JERRINE; SANTHOSHKU-  
MAR, ARUNI WILSON; CHRISTOBER,  
DAVMANI  
(74) JERRINE JOSEPH

---

Joshi, S. see Singh, P.  
(21) 2021103643

---

K., R. see M., H.  
(21) 2021103341

---

Kathiresan, G. see Sampath, B.  
(21) 2021103791

---

(71) Kavitha, R.; Kumar, A.; Ashraf, M.;  
Nagaraju, T.; Vyshnavi, R.; Ruth,  
P.; Bande, V.; Tulasi, K.; Raghu, P.;  
Saidan, D.; Gundagani, U.K.; Yad-  
lapaty, S.  
(11) AU-A-2021103738  
(21) 2021103738 (22) 30.06.2021  
(54) ARTIFICIAL INTELLIGENCE EN-  
ABLED DYNAMIC BANDWIDTH AL-  
LOCATION OPTIMIZATION IN IoT  
FOR IMPROVED QoS  
(51) Int. Cl.  
*H04L 12/24* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
*H04L 12/26* ( 2006.01 )  
*H04L 12/911* ( 2013.01 )  
*H04W 4/70* ( 2018.01 )  
*H04W 24/02* ( 2009.01 )  
*H04W 28/08* ( 2009.01 )  
*H04W 28/16* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )  
*H04W 72/08* ( 2009.01 )

Innovation Patents Open to Public Inspection - Name Index cont'd

(45) 19.08.2021  
 (72) Kavitha, R.; Kumar, A. Sateesh; Ashraf, Md; Nagaraju, Thelagamalla; Vyshnavi, R.; Ruth, Padigala; Bande, Vasavi; Tulasi, Kasuba; Raghu, Polishetti; Saidan, D.; Gundagani, Uday Kumar; Yadlapaty, Srinivas  
 (74) R. Kavitha

**Kodabagi, M.M. see Biradar, R.C.**  
 (21) 2021102047

**Kolluru, S.B. see Eswaraiyah, R.**  
 (21) 2021103578

**Kothari, P. see Dhiman, G.**  
 (21) 2021103730

**Kumar, A. see Kumar, A.**  
 (21) 2021102780

(71) Kumar, A.; Kumar, A.  
 (11) AU-A-2021102780  
 (21) 2021102780 (22) 23.05.2021  
 (54) A PROCESS TO FORMULATE CHITOSAN OLIGOSACCHARIDE BASED MUCOADHESIVE PATCH FOR DRUG DELIVERY

(51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 9/70 ( 2006.01 )  
 A61K 31/57 ( 2006.01 )  
 A61K 47/10 ( 2017.01 )  
 A61K 47/32 ( 2006.01 )  
 A61K 47/36 ( 2006.01 )  
 C09J 105/08 ( 2006.01 )  
 A61J 3/00 ( 2006.01 )  
 A61J 7/00 ( 2006.01 )

(45) 19.08.2021  
 (72) Kumar, Awanish; Kumar, Ashwini  
 (74) Dr. Awanish Kumar

**Kumar, N. see Barak, D.**  
 (21) 2021103225

**Kumar, D. see Barak, D.**  
 (21) 2021103225

**Kumar, M. see Barak, D.**  
 (21) 2021103225

**Kumar, V. see Barak, D.**  
 (21) 2021103225

**Kumar, A. see Nayyar, A.**  
 (21) 2021103399

**Kumar, M.P. see Navukkarasan, A.**  
 (21) 2021103624

**Kumar, B. see Hemalatha, S.**  
 (21) 2021103628

**Kumar, A. see Kavitha, R.**  
 (21) 2021103738

**Kumar, A. see Sampath, B.**  
 (21) 2021103791

**L.MAGTHELIN THERASE see I.REXILINE SHEEBA**  
 (21) 2021101727

(71) Lad, M.K.; Mane, M.; Mane, S.; Mhetre, M.

(11) AU-A-2021103619  
 (21) 2021103619 (22) 25.06.2021  
 (54) A MULTI-PURPOSE SANITIZATION CHAMBER

(51) Int. Cl.  
 A61L 2/24 ( 2006.01 )  
 A61L 2/10 ( 2006.01 )  
 A61L 2/18 ( 2006.01 )

(45) 19.08.2021  
 (72) Lad, Mohini Kumar; Mane, Manasi; Mane, Swapnil; Mhetre, Manisha  
 (74) Mohini Kumar Lad

(71) LAKSHMIKANTHAN, A.; MANICKAM, A.; NAIDU, K.D.; DHAS, J.T.M.; MUDULI, K.; MOHAMAED, A.; PRAVA DAS, R.; SINHA, D.; DIANA, F.H.S.; NASSA, V.K.; PUKKUNNEN, E.B.; S C, R.K.

(11) AU-A-2021102649  
 (21) 2021102649 (22) 18.05.2021  
 (54) "THE SMART FACTORY CONTROLLING SYSTEM."

(51) Int. Cl.  
 G05B 19/418 ( 2006.01 )  
 G05B 13/04 ( 2006.01 )  
 G06Q 50/04 ( 2012.01 )

(45) 19.08.2021  
 (72) LAKSHMIKANTHAN, AVINASH; MANICKAM, A.; NAIDU, K. DASU; DHAS, JOHN T. MESIA; MUDULI, KAMALAKANTA; MOHAMAED, AEZEDEN; PRAVA DAS, RASHMI; SINHA, DIBAKAR; DIANA, F. HELEN SHA; NASSA, VINAY KUMAR; PUKKUNNEN, EMMANUEL BABU; S. C., RAMESH KUMAR  
 (74) AVINASH LAKSHMIKANTHAN

(71) Lanzhou Jiaotong University  
 (11) AU-A-2021103761  
 (21) 2021103761 (22) 30.06.2021  
 (54) Biological Aerated Filter and Sewage Treatment Method Thereof

(51) Int. Cl.  
 C02F 3/10 ( 2006.01 )  
 C02F 3/06 ( 2006.01 )  
 C02F 3/20 ( 2006.01 )

C02F 3/30 ( 2006.01 )  
 B09B 3/00 ( 2006.01 )  
 C02F 3/00 ( 2006.01 )

(45) 19.08.2021  
 (72) Zhao, Baowei; Diao, Jingru; Yan, Lijuan; Ma, Fengfeng; Zhong, Jinkui; Li, Yingquan; Liu, Hui  
 (74) Alder IP Pty Ltd

(71) Lawson, C.  
 (11) AU-A-2017101908  
 (21) 2017101908 (22) 06.11.2017  
 (54) Hanging apparatus

(51) Int. Cl.  
 A47K 10/10 ( 2006.01 )  
 A47K 10/14 ( 2006.01 )  
 D06F 57/12 ( 2006.01 )  
 A47G 25/06 ( 2006.01 )

(31) 2016904534 (32) 07.11.16 (33) AU  
 (45) 19.08.2021  
 (72) Lawson, Claire Elizabeth  
 (74) TJIP Patents, Trade Marks & Designs

**Li, S. see Yang, Y.**  
 (21) 2021103527

**Licentia Group Ltd see MyPinPad Ltd**  
 (21) 2021103563

(71) Lonman Auto Accessories Co., Ltd  
 (11) AU-A-2021104373  
 (21) 2021104373 (22) 21.07.2021  
 (54) VEHICLE ROOF RACK

(51) Int. Cl.  
 B60R 9/045 ( 2006.01 )  
 (31) 2021210073358 (32) 12.05.21 (33) CN  
 (45) 19.08.2021  
 (72) Long, Shihu  
 (74) Madderns Pty Ltd

(71) Lonman Auto Accessories Co., Ltd  
 (11) AU-A-2021104375  
 (21) 2021104375 (22) 21.07.2021  
 (54) VEHICLE ROOF RACK  
 (51) Int. Cl.  
 B60R 9/04 ( 2006.01 )  
 (31) 2021210077541 (32) 12.05.21 (33) CN  
 (45) 19.08.2021  
 (72) Long, Shihu  
 (74) Madderns Pty Ltd

**M, K. see Devarajan, B.**  
 (21) 2021103630

**M, K.A. see Devarajan, B.**  
 (21) 2021103630

(71) M., H.; B. R., P.; S. Mudigoudra, B.; S., K.; Govinda, S.; K., R.; Srinivas, A.  
 (11) AU-A-2021103341

(21) 2021103341 (22) 15.06.2021

Innovation Patents Open to Public Inspection - Name Index cont'd

(54) ARTIFICIAL INTELLIGENCE BASED AUTOMATIC DETECTION OF INFECTION RATE OF COVID-19

(51) Int. Cl.  
*G16H 50/80* ( 2018.01 )  
*G06F 40/20* ( 2020.01 )  
*G06N 20/00* ( 2019.01 )  
*G06N 3/08* ( 2006.01 )

(45) 19.08.2021

(72) M., Hanumanthappa; B. R., Prakash; S. Mudigoudra, Bhagyavana; S., Kavitha; Govinda, Sangeetha; K., Ravikumar; Srinivas, A.

(74) JAGANNATH JADHAV

**M. R. EBENEZAR JEBARANI see I.REXILINE SHEEBA**

(21) 2021101727

**M.SUBRAMONIAM see I.REXILINE SHEEBA**

(21) 2021101727

**M.SUGADEV see I.REXILINE SHEEBA**

(21) 2021101727

**M. V, S. see Devarajan, B.**

(21) 2021103630

**Mahammad, F.S. see Devarajan, B.**

(21) 2021103630

**Mahendran, R.K. see Sampath, B.**

(21) 2021103791

**Mane, M. see Lad, M.K.**

(21) 2021103619

**Mane, S. see Lad, M.K.**

(21) 2021103619

**MANICKAM, A. see LAKSHMIKANTHAN, A.**

(21) 2021102649

**Manjunath, T. see Hemalatha, S.**

(21) 2021103628

**Mannam, P. see Devarajan, B.**

(21) 2021103630

**Mateen, A. see diana, F.S.**

(21) 2021103555

**Mazumder, E. see Meesaraganda, L.V.P.**

(21) 2021103680

(71) Meesaraganda, L.V.P.; Mazumder, E.; Joseph, A.

(11) AU-A-2021103680

(21) 2021103680 (22) 28.06.2021

(54) A COMPOSITION OF ENVIRONMENTAL FRIENDLY SELF-COMPACTING GEOPOLYMER CONCRETE AND METHOD OF PREPARATION THERE-OF

(51) Int. Cl.

*C04B 28/00* ( 2006.01 )

*C04B 111/00* ( 2006.01 )

(45) 19.08.2021

(72) Meesaraganda, Lakshmi Vara Prasad; Mazumder, Endow; Joseph, Anetta

(74) Lakshmi Vara Prasad Meesaraganda

(71) Metso Outotec Finland Oy

(11) AU-A-2021103859

(21) 2021103859 (22) 05.07.2021

(54) SYSTEM AND METHOD FOR MOUNTING A LINER ELEMENT TO A MILL SHELL OF A MILL

(51) Int. Cl.

*B02C 17/22* ( 2006.01 )

*F16B 5/02* ( 2006.01 )

(31) 21181262.3 (32) 23.06.21 (33) EP

(45) 19.08.2021

(72) LE CRAS, Jared; GREEN, Nick; NIELSEN, Bjorn

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**Mhetre, M. see Lad, M.K.**

(21) 2021103619

**Mishra, P. see Singh, P.**

(21) 2021103643

**MOHAMAED,, A. see LAKSHMIKANTHAN, A.**

(21) 2021102649

**Mohit see Ahirwar, D.**

(21) 2021103481

(71) Moutai Institute

(11) AU-A-2021103397

(21) 2021103397 (22) 16.06.2021

(54) Cylinder-type vinasse filtering device for wine brewing

(51) Int. Cl.

*B01D 33/11* ( 2006.01 )

*B01D 33/01* ( 2006.01 )

*B01D 33/46* ( 2006.01 )

(31) 202010867135.3 (32) 26.08.20 (33) CN

(45) 19.08.2021

(72) Yang, Shenglin; Zhong, Yinliang; Li, Ji-angpeng

(74) IP SOLVED (ANZ) PTY. LTD.

**MUDULI,, K. see LAKSHMIKANTHAN, A.**

(21) 2021102649

**Mungara, J. see Hemalatha, S.**

(21) 2021103628

**Murali, M. see diana, F.S.**

(21) 2021103555

(71) MyPinPad Ltd; Licentia Group Ltd

(11) AU-A-2021103563

(21) 2021103563 (22) 23.06.2021

(54) Computer-Implemented System and Method For Assisting Input To A Virtual Keypad or Keyboard On An Electronic Device

(51) Int. Cl.

*G06F 3/039* ( 2013.01 )

*G06F 3/02* ( 2006.01 )

(45) 19.08.2021

(62) PCT/GB2020/051804

(72) Pike, Justin

(74) James & Wells Intellectual Property

**N, D. see A, R.**

(21) 2021103548

**N, V. see Sampath, B.**

(21) 2021103791

**Nagaraju, T. see Kavitha, R.**

(21) 2021103738

**NAIDU, K.D. see LAKSHMIKANTHAN, A.**

(21) 2021102649

**Nallamala, S.H. see Eswaraiiah, R.**

(21) 2021103578

(71) Nanchang Hangkong University

(11) AU-A-2021103649

(21) 2021103649 (22) 26.06.2021

(54) Tuning sodium and oxygen mixed-ion conduction in the A-site nonstoichiometric NaNbO<sub>3</sub>-based ceramics

(51) Int. Cl.

*C04B 35/495* ( 2006.01 )

*C04B 35/64* ( 2006.01 )

*C30B 29/30* ( 2006.01 )

*H01M 4/04* ( 2006.01 )

*H01M 4/58* ( 2010.01 )

(45) 19.08.2021

(72) Liu, Zhiyong; Xu, Shuaichang; Ding, Yuwei

(74) Zhiyong Liu

(71) NANJING GMINNOVATION TECHNOLOGY CO., LTD.

(11) AU-A-2021103695

(21) 2021103695 (22) 29.06.2021

(54) METHOD FOR SELF-ADAPTIVE CONTROLLING PLAYBACK OF NETWORK STREAMING MEDIA BASED ON LOAD BALANCING

(51) Int. Cl.

Innovation Patents Open to Public Inspection - Name Index cont'd

- H04N 21/44** ( 2011.01 )  
**(45)** 19.08.2021  
**(62)** PCT/CN2019/109964  
**(72)** LU, Zheng; WANG, Xingguo; MU, Keming  
**(74)** LAMINAR IP PTY LTD
- 
- (71)** Nanjing University  
**(11)** AU-A-2021103365  
**(21)** 2021103365 **(22)** 15.06.2021  
**(54)** Enhanced coagulation method for removing microplastics in water  
**(51)** Int. Cl.  
**C02F 1/52** ( 2006.01 )  
**C08K 3/34** ( 2006.01 )  
**C08L 1/28** ( 2006.01 )  
**C08L 3/08** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )  
**C08L 97/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Yang, Hu; Tang, Yunong; Hu, Pan  
**(74)** Alder IP Pty Ltd
- 
- (71)** Nanning Qibojia Biological Technology Co., Ltd  
**(11)** AU-A-2021103762  
**(21)** 2021103762 **(22)** 30.06.2021  
**(54)** Preparation Method of Traditional Chinese Medicine Ointment with weight losing effect  
**(51)** Int. Cl.  
**A61K 36/60** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/282** ( 2006.01 )  
**A61K 36/484** ( 2006.01 )  
**A61K 36/605** ( 2006.01 )  
**A61K 36/708** ( 2006.01 )  
**A61K 36/888** ( 2006.01 )  
**A61K 47/04** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**(31)** 202110630477.8 **(32)** 07.06.21 **(33)** CN  
**(45)** 19.08.2021  
**(72)** Tang, Hongzhen  
**(74)** PATENTS AU PTY LTD
- 
- NASSA,, V.K. see LAKSHMIKANTHAN, A.**  
**(21)** 2021102649
- 
- (71)** National Institute of Natural Hazards, Ministry of Emergency Management of China  
**(11)** AU-A-2021103770  
**(21)** 2021103770 **(22)** 30.06.2021  
**(54)** Method and system for evaluating performance of energetic particle detector  
**(51)** Int. Cl.  
**G01T 7/00** ( 2006.01 )  
**(31)** 202110411873.1 **(32)** 16.04.21 **(33)** CN  
**(45)** 19.08.2021  
**(72)** Chu, Wei  
**(74)** PATENTS AU PTY LTD
- 
- (71)** National Satellite Meteorological Center  
**(11)** AU-A-2021103427

- (21)** 2021103427 **(22)** 17.06.2021  
**(54)** Space weather disaster monitoring and early warning method and system, storage medium and server  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2012.01 )  
**G06F 16/22** ( 2019.01 )  
**G08B 31/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Zhang, Xiaoxin; Du, Dan; Yu, Chao; Zeng, Zhongchao; Cheng, Bo; Xu, Jie; Yang, Guanglin; Zong, Weiguo; Wei, Jingwei  
**(74)** PATENTS AU PTY LTD
- 
- (71)** Navukkarasan, A.; Kumar, M.P.; Sastry, C.C.  
**(11)** AU-A-2021103624  
**(21)** 2021103624 **(22)** 25.06.2021  
**(54)** METHOD OF CRYOGENIC BROACHING OF AISI 4340 STEEL  
**(51)** Int. Cl.  
**B23D 37/22** ( 2006.01 )  
**B23D 37/14** ( 2006.01 )  
**B23D 39/00** ( 2006.01 )  
**B23D 43/00** ( 2006.01 )  
**(31)** 202141024397 **(32)** 01.06.21 **(33)** IN  
**(45)** 19.08.2021  
**(72)** Navukkarasan, A.; Kumar, M. Pradeep; Sastry, C. Chandrasekhara  
**(74)** Senan IP
- 
- (71)** Nayyar, A.; Singh, A.; Garg, A.; Singh, A.; Kumar, A.  
**(11)** AU-A-2021103399  
**(21)** 2021103399 **(22)** 16.06.2021  
**(54)** An IoT Based Solar Washing Machine  
**(51)** Int. Cl.  
**D06F 39/00** ( 2020.01 )  
**D06F 34/10** ( 2020.01 )  
**D06F 37/30** ( 2020.01 )  
**(45)** 19.08.2021  
**(72)** Nayyar, Anand; Singh, Anuj; Garg, Ankit; Singh, Archana; Kumar, Ajay  
**(74)** Anand Nayyar
- 
- (71)** Ningbo Polytechnic  
**(11)** AU-A-2021103254  
**(21)** 2021103254 **(22)** 10.06.2021  
**(54)** Cathode material of sodium ion battery and preparation method thereof  
**(51)** Int. Cl.  
**H01M 4/38** ( 2006.01 )  
**C01G 49/14** ( 2006.01 )  
**H01M 4/04** ( 2006.01 )  
**H01M 4/136** ( 2010.01 )  
**H01M 4/02** ( 2006.01 )  
**H01M 10/054** ( 2010.01 )  
**(45)** 19.08.2021  
**(72)** Peng, Zhenbo; Yuan, Zhengyong; Li, Yuchen  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Ningbo Polytechnic  
**(11)** AU-A-2021103590  
**(21)** 2021103590 **(22)** 24.06.2021

- (54)** Sodium manganese fluorosilicate-based cathode material for sodium ion battery and preparation method thereof  
**(51)** Int. Cl.  
**H01M 4/134** ( 2010.01 )  
**H01M 4/04** ( 2006.01 )  
**H01M 10/054** ( 2010.01 )  
**H01M 10/04** ( 2006.01 )  
**H01M 10/056** ( 2010.01 )  
**H01M 10/0585** ( 2010.01 )  
**(45)** 19.08.2021  
**(72)** Peng, Zhenbo; Yuan, Zhengyong; Lv, Chengxuan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Ningbo University of Technology  
**(11)** AU-A-2021103411  
**(21)** 2021103411 **(22)** 17.06.2021  
**(54)** Design and advanced manufacturing technology of a flexible ultra-thin sounding device  
**(51)** Int. Cl.  
**H04R 31/00** ( 2006.01 )  
**H04R 7/04** ( 2006.01 )  
**H04R 19/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Lu, Ding; Wu, Hungchun; Lin, Jiacheng; Li, Ru; Ding, Rui; Chen, Tuoxi; He, Zhangzhe; Luo, Pingjing; Shen, Yanyan  
**(74)** Alder IP Pty Ltd
- 
- (71)** Noronha, A.; Shahane, N.  
**(11)** AU-A-2021103490  
**(21)** 2021103490 **(22)** 20.06.2021  
**(54)** DESIGN OF A SECURE AND ENERGY EFFICIENT WIRELESS BODY AREA NETWORK FOR REMOTE HEALTH MONITORING APPLICATION.  
**(51)** Int. Cl.  
**G08C 17/02** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**G08B 21/04** ( 2006.01 )  
**G08B 21/18** ( 2006.01 )  
**H04W 4/38** ( 2018.01 )  
**H04W 84/18** ( 2009.01 )  
**G08B 25/00** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Noronha, Avi; shahane, Neeraj  
**(74)** Avi Avelino Noronha
- 
- O, K. see Devarajan, B.**  
**(21)** 2021103630
- 
- (71)** Ocag Pty Ltd  
**(11)** AU-A-2021103188  
**(21)** 2021103188 **(22)** 08.06.2021  
**(54)** Fence Post Cap  
**(51)** Int. Cl.  
**A01G 17/14** ( 2006.01 )  
**A01G 25/00** ( 2006.01 )  
**B05B 15/60** ( 2018.01 )  
**E04H 17/00** ( 2006.01 )

Innovation Patents Open to Public Inspection - Name Index cont'd

**E04H 17/12** ( 2006.01 )  
**(31)** 2021900774 **(32)** 17.03.21 **(33)** AU  
**(45)** 19.08.2021  
**(72)** O'Malley, Brian  
**(74)** Collison & Co

**(71)** OLM, C.  
**(11)** AU-A-2020104440  
**(21)** 2020104440 **(22)** 28.08.2020  
**(54)** Agricultural tyne assembly  
**(51)** Int. Cl.  
**A01C 7/12** ( 2006.01 )  
**A01B 49/06** ( 2006.01 )  
**A01C 5/06** ( 2006.01 )  
**A01C 7/06** ( 2006.01 )  
**A01C 7/20** ( 2006.01 )  
**A01B 49/02** ( 2006.01 )  
**A01B 79/02** ( 2006.01 )  
**(31)** 2019903190 **(32)** 30.08.19 **(33)** AU  
**(45)** 19.08.2021  
**(72)** Olm, Christopher Ronald  
**(74)** Spruson & Ferguson

**(71)** OXTI CORPORATION  
**(11)** AU-A-2021103190  
**(21)** 2021103190 **(22)** 08.06.2021  
**(54)** PLASTIC MATERIAL CRUSHING AND COMPACTING STRUCTURE  
**(51)** Int. Cl.  
**B30B 9/32** ( 2006.01 )  
**B02C 19/00** ( 2006.01 )  
**B02C 25/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** HO, CHIH FENG  
**(74)** Alfred Lei

**P.CHITRA see I.REXILINE SHEEBA**  
**(21)** 2021101727

**Padmanabhan, R.G. see Sampath, B.**  
**(21)** 2021103791

**Pai, M.C. see Yang, Y.**  
**(21)** 2021103527

**PALANIVELU, E. see BASKARAN, P.**  
**(21)** 2021104271

**Paliwal, S. see Singh, P.K.**  
**(21)** 2021103499

**Pandey, M. see Barak, D.**  
**(21)** 2021103225

**Pandey, R. see Singh, P.**  
**(21)** 2021103643

**Parauha, Y. see Bargat, S.**  
**(21)** 2021103790

**Patel, R.G. see Agarwal, A.**  
**(21)** 2021103601

**Pinnamaneni, S.P. see Eswaraiah, R.**  
**(21)** 2021103578

**Pippal, S.K. see Singh, P.**  
**(21)** 2021103643

**(71)** Poinern, G.  
**(11)** AU-A-2021103413  
**(21)** 2021103413 **(22)** 17.06.2021  
**(54)** Improved Scalable Green Synthesis of Noble Metallic Polygonal Micro/Nano particles from Waste Macadamia Nut Shells  
**(51)** Int. Cl.  
**B22F 9/24** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 33/242** ( 2019.01 )  
**A61K 33/243** ( 2019.01 )  
**A61K 33/38** ( 2006.01 )  
**A61K 33/44** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**B22F 1/00** ( 2006.01 )  
**B82Y 40/00** ( 2011.01 )  
**B09B 3/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Poinern, Gerrard; Dang, Huu; Chamsard, Wisut; Fawcett, Derek; Sharma, Shashi; Burt, Mark; Wulandari, Triana  
**(74)** Gerrard Poinern

**Prasanna, N.L. see Eswaraiah, R.**  
**(21)** 2021103578

**PRAVA DAS, R. see LAKSHMIKANTHAN, A.**  
**(21)** 2021102649

**(71)** Pride Mobility Australia Pty Ltd  
**(11)** AU-A-2021103627  
**(21)** 2021103627 **(22)** 25.06.2021  
**(54)** RECLINER CHAIR WITH HEADREST  
**(51)** Int. Cl.  
**A47C 7/38** ( 2006.01 )  
**A47C 1/024** ( 2006.01 )  
**A47C 7/42** ( 2006.01 )  
**A47C 20/02** ( 2006.01 )  
**A61G 5/10** ( 2006.01 )  
**A61G 5/14** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Tripp, Warren  
**(74)** FAL PATENTS PTY LTD

**Pujari, J.J. see Eswaraiah, R.**  
**(21)** 2021103578

**Pukkunnen, E.B. see diana, F.S.**  
**(21)** 2021103555

**PUKKUNNEN, E.B. see LAKSHMIK-ANTHAN, A.**  
**(21)** 2021102649

**Puri, T. see Dhiman, G.**  
**(21)** 2021103730

**Putheti, S. see Eswaraiah, R.**  
**(21)** 2021103578

**(71)** Qilu University of Technology  
**(11)** AU-A-2021103705  
**(21)** 2021103705 **(22)** 29.06.2021  
**(54)** PREPARATION METHOD FOR PREPARING HEAT-SEALABLE FILTER BASE PAPER  
**(51)** Int. Cl.  
**D21H 17/18** ( 2006.01 )  
**C08F 251/02** ( 2006.01 )  
**D21H 11/20** ( 2006.01 )  
**D21H 27/08** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** DING, Qijun; HAN, Wenjia; LI, Xia; LI, Yufeng  
**(74)** LAMINAR IP PTY LTD

**(71)** Qingdao Agriculture University  
**(11)** AU-A-2021104056  
**(21)** 2021104056 **(22)** 12.07.2021  
**(54)** Corn No-tillage Subsoiling Layered Fertilization Precision Sowing Machine  
**(51)** Int. Cl.  
**A01B 49/06** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Liu, Shutang; Zhao, Longgang; Liu, Jintao; Feng, Mucai; Wei, Wenliang  
**(74)** Alder IP Pty Ltd

**(71)** Qingdao Haier Biotech Co.Ltd  
**(11)** AU-A-2021103921  
**(21)** 2021103921 **(22)** 26.01.2021  
**(54)** Eyedrop applicable to limbal stem cell deficiency and preparation  
**(51)** Int. Cl.  
**A61K 35/28** ( 2015.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/4415** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(31)** 202010496058.5 **(32)** 03.06.20 **(33)** CN  
**(45)** 19.08.2021  
**(72)** CAO, Qilong; WANG, Fei; LI, Hui; DI, Guohu  
**(74)** Shelston IP Pty Ltd.

**(71)** Qingdao National Laboratory for Marine Science and Technology Development Centre; Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd  
**(11)** AU-A-2021103545  
**(21)** 2021103545 **(22)** 22.06.2021  
**(54)** Method for Land-sea Relay Mariculture of *Seriola aureovittata*  
**(51)** Int. Cl.

Innovation Patents Open to Public Inspection - Name Index cont'd

- A01K 61/13** ( 2017.01 )  
**A01K 61/60** ( 2017.01 )  
**A01K 61/95** ( 2017.01 )  
**(45)** 19.08.2021  
**(72)** Xu, Yongjiang; Liu, Xuezhou; Li, Rong; Liu, Xinfu; Lv, Wei; Wang, Bin; Jiang, Yan; Shi, Bao  
**(74)** Alder IP Pty Ltd
- 
- (71)** Qinghai Qianxun Information Technology Co., Ltd.  
**(11)** AU-A-2021103787  
**(21)** 2021103787 **(22)** 01.07.2021  
**(54)** METHOD FOR IDENTIFYING HAND-PAINTED THANGKA AND PRINTED THANGKA  
**(51)** Int. Cl.  
**G06K 9/62** ( 2006.01 )  
**G06K 9/46** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** REN, Jinglong; PAN, Chunhua; PENG, Yingjie  
**(74)** Griffith Hack
- 
- Quadir, A. see Barak, D.**  
**(21)** 2021103225
- 
- (71)** Qufu Normal University  
**(11)** AU-A-2021103357  
**(21)** 2021103357 **(22)** 15.06.2021  
**(54)** Method for preparing highly transparent and conductive p-type cuprous iodide film  
**(51)** Int. Cl.  
**H01L 21/02** ( 2006.01 )  
**C01G 3/04** ( 2006.01 )  
**H01B 1/02** ( 2006.01 )  
**H01B 1/08** ( 2006.01 )  
**H01B 1/16** ( 2006.01 )  
**C23C 14/18** ( 2006.01 )  
**C23C 14/24** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Wu, Yangqing; Wei, Haoming; Cao, Bingqiang  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- R, P. see Devarajan, B.**  
**(21)** 2021103630
- 
- Raga, S. see Hemalatha, S.**  
**(21)** 2021103628
- 
- Raghu, P. see Kavitha, R.**  
**(21)** 2021103738
- 
- Raj, V. see Hemalatha, S.**  
**(21)** 2021103628
- 
- Ramana, G. see Sampath, B.**  
**(21)** 2021103791
- 
- RAMAR, N. see BASKARAN, P.**  
**(21)** 2021104271
- 
- Rao, B. see VAISAKH, K.**  
**(21)** 2021103722
- 
- Rao, A.S. see VAISAKH, K.**  
**(21)** 2021103722
- 
- (71)** Rathee, T.; Singh, P.  
**(11)** AU-A-2021103403  
**(21)** 2021103403 **(22)** 16.06.2021  
**(54)** A BLOCK CHAIN-BASED SYSTEM FOR PERSONAL IDENTITY VERIFICATION  
**(51)** Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**G06F 21/31** ( 2013.01 )  
**G06F 21/32** ( 2013.01 )  
**G06F 21/40** ( 2013.01 )  
**H04L 9/00** ( 2006.01 )  
**G06F 16/00** ( 2019.01 )  
**(45)** 19.08.2021  
**(72)** Rathee, Tripti; Singh, Parvinder  
**(74)** Anand Nayyar
- 
- (71)** Resources Unity Enterprise Pty Ltd  
**(11)** AU-A-2021104346  
**(21)** 2021104346 **(22)** 20.07.2021  
**(54)** A mantle liner of a cone crusher  
**(51)** Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**B02C 2/04** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Wings, Leigh  
**(74)** Spruson & Ferguson
- 
- (71)** Rhino Hide Pty Ltd  
**(11)** AU-A-2021103629  
**(21)** 2021103629 **(22)** 25.06.2021  
**(54)** A Panel Assembly, A Panel, A Mounting Arrangement and a Method of Securing same to a Surface  
**(51)** Int. Cl.  
**B60J 11/06** ( 2006.01 )  
**F16B 21/16** ( 2006.01 )  
**F16B 19/08** ( 2006.01 )  
**F16B 39/26** ( 2006.01 )  
**(31)** 2020902125 **(32)** 25.06.20 **(33)** AU  
 2021900403 17.02.21 AU  
**(45)** 19.08.2021  
**(72)** Berryman, Marc John; Houston, Rod  
**(74)** WRAYS PTY LTD
- 
- Rout, S. see Hemalatha, S.**  
**(21)** 2021103628
- 
- Ruth, P. see Kavitha, R.**  
**(21)** 2021103738
- 
- S, B.D. see A, R.**  
**(21)** 2021103548
- 
- S, S. see diana, F.S.**  
**(21)** 2021103555
- 
- S, B. see Devarajan, B.**  
**(21)** 2021103630
- 
- S., K. see M., H.**  
**(21)** 2021103341
- 
- S., M. see Hemalatha, S.**  
**(21)** 2021103628
- 
- S.BARANI see I.REXILINE SHEEBA**  
**(21)** 2021101727
- 
- S. Mudigoudra, B. see M., H.**  
**(21)** 2021103341
- 
- S.N, K. see Devarajan, B.**  
**(21)** 2021103630
- 
- S.POORNAPUSHPAKALA see I.REXILINE SHEEBA**  
**(21)** 2021101727
- 
- (71)** Sabharwal, M.; Ghazal, T.; Vij, M.; Vij, A.; Anand, D.; Balusamy, B.; Dhanaraj, R.K.  
**(11)** AU-A-2021103235  
**(21)** 2021103235 **(22)** 09.06.2021  
**(54)** IoT Integrated Mobile Application For Automatic Heel Adjustment in Women Shoes  
**(51)** Int. Cl.  
**A43B 3/00** ( 2006.01 )  
**A43B 7/38** ( 2006.01 )  
**A43B 21/24** ( 2006.01 )  
**A43B 21/42** ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Sabharwal, Munish; Ghazal, Taher; Vij, Mohit; Vij, Anu; Anand, Darpan; Balusamy, Balamurugan; Dhanaraj, Rajesh Kumar  
**(74)** Rajesh Kumar Dhanaraj
- 
- Saidan, D. see Kavitha, R.**  
**(21)** 2021103738
- 
- (71)** Sampath, B.; Gavaskar, T.; Dogga, A.D.; Mahendran, R.K.; Kumar, A.; Kathiresan, G.; N, V.; Ganesan, M.; Ishwarya, K.; Ramana, G.; Padmanabhan, R.G.; Arockiam, A.J.  
**(11)** AU-A-2021103791  
**(21)** 2021103791 **(22)** 01.07.2021  
**(54)** Emergency medicine delivery transportation using unmanned aerial vehicle  
**(51)** Int. Cl.  
**B64C 39/02** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )



Innovation Patents Open to Public Inspection - Name Index cont'd

G01S 19/17 ( 2010.01 )  
**(45)** 19.08.2021  
**(72)** Sampath, Boopathi; Gavaskar, T.; Dogga, Aditya Deepthi; Mahendran, Rakesh Kumar; Kumar, Asheesh; Kathiresan, G.; N., Vinayaka; Ganesan, Manikandan; Ishwarya , K. R.; Ramana, G. Venkat; Padmanabhan, R. G.; Arockiam, A. Joseph  
**(74)** S K Walsh

**Sankar, B.B. see Agarwal, A.**  
**(21)** 2021103601

**SANTHOSHKUMAR, A.W. see JOSEPH, J.**  
**(21)** 2021103381

**Sastry, C.C. see Navukkarasan, A.**  
**(21)** 2021103624

**Satish, R. see VAISAKH, K.**  
**(21)** 2021103722

**Saxena, A. see Agarwal, A.**  
**(21)** 2021103601

**S C, R.K. see LAKSHMIKANTHAN, A.**  
**(21)** 2021102649

**Shahane, N. see Noronha, A.**  
**(21)** 2021103490

**(71)** Shandong University of Technology  
**(11)** AU-A-2021103591  
**(21)** 2021103591 **(22)** 24.06.2021  
**(54)** Curing agent for titanium gypsum road, preparation method and application method thereof  
**(51)** Int. Cl.  
*C04B 18/14* ( 2006.01 )  
*C04B 22/06* ( 2006.01 )  
*C04B 24/12* ( 2006.01 )  
*C04B 28/14* ( 2006.01 )  
*C04B 111/00* ( 2006.01 )  
**(45)** 19.08.2021  
**(72)** Jia, Zhirong; Li, Chaoyu; Lin, Xuefeng  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Shanghai Ocean University  
**(11)** AU-A-2021103512  
**(21)** 2021103512 **(22)** 21.06.2021  
**(54)** Construction Method Of Molecular Prediction Model Of Vibrio Parahaemolyticus In Penaeus Vannamei  
**(51)** Int. Cl.  
*C12Q 1/06* ( 2006.01 )  
*A01K 61/59* ( 2017.01 )  
*C12Q 1/6851* ( 2018.01 )  
*C12Q 1/689* ( 2018.01 )  
*G06Q 10/04* ( 2012.01 )  
*G06Q 50/02* ( 2012.01 )  
*C12R 1/63* ( 2006.01 )

**(45)** 19.08.2021  
**(72)** ZHAO, Yong; HUANG, Zhen Hua; ZHANG, Zhao Huan; WU, Qian; LIU, Jing; TAO, Qian; TONG, Jin Rong; ZHAO, Cheng  
**(74)** Southern Cross Intellectual Property

**Sharma, S. see Singh, P.K.**  
**(21)** 2021103499

**Shehzad, M. see Barak, D.**  
**(21)** 2021103225

**(71)** Shenzhen KE RUI ER TE Electronics Technology Co., Ltd  
**(11)** AU-A-2021103683  
**(21)** 2021103683 **(22)** 28.06.2021  
**(54)** WIRELESS CHARGER, CHARGING ASSEMBLY, MATCHING ASSEMBLY AND BRACKET FOR ELECTRIC EQUIPMENT  
**(51)** Int. Cl.  
*H02J 50/00* ( 2016.01 )  
*H05K 7/20* ( 2006.01 )  
**(31)** 202010603169.1 **(32)** 29.06.20 **(33)** CN  
 202110183644.9 10.02.21 CN  
**(45)** 19.08.2021  
**(72)** Zeng, Jianming  
**(74)** Madderns Pty Ltd

**Shijiazhuang Tiedao University see China Railway No.3 Engineering Group Co., Ltd.**  
**(21)** 2021103701

**Shirbhate, N. see Bargat, S.**  
**(21)** 2021103790

**Shukla, A. see Singh, P.**  
**(21)** 2021103643

**Singh, K. see Barak, D.**  
**(21)** 2021103225

**Singh, Y. see Barak, D.**  
**(21)** 2021103225

**Singh, A. see Nayyar, A.**  
**(21)** 2021103399

**Singh, A. see Nayyar, A.**  
**(21)** 2021103399

**Singh, P. see Rathee, T.**  
**(21)** 2021103403

**Singh, R.S. see Singh, P.K.**  
**(21)** 2021103499

**Singh, S. see Singh, P.K.**  
**(21)** 2021103499

**Singh, A. see Singh, P.K.**  
**(21)** 2021103499

**Singh, V. see Singh, P.K.**  
**(21)** 2021103499

**(71)** Singh, P.K.; Singh, R.S.; Somashekar, D.; Singh, S.; Gaur, P.; Singh, A.; Paliwal, S.; Singh, V.; Sharma, S.  
**(11)** AU-A-2021103499  
**(21)** 2021103499 **(22)** 21.06.2021  
**(54)** AN AUTOMATED PLANTATION HEALTH MONITORING SYSTEM AND A METHOD THEREOF  
**(51)** Int. Cl.  
*A01G 13/10* ( 2006.01 )  
*A01M 1/04* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G06T 7/00* ( 2017.01 )  
**(45)** 19.08.2021  
**(72)** Singh, Pankaj; Singh, Ravi; Somashekar, D. R.; Singh, Sanjeev; Gaur, Prerna; Singh, Abhishek; Paliwal, Sanjay; Singh, Vivek; Sharma , Shaaswat  
**(74)** D.R. SOMASHEKAR

**(71)** Singh, P.; Shukla, A.; Mishra, P.; Pandey, R.; Ali, K.B.; Srivastava, P.K.; Upmanu, V.; Dwivedi, A.; Pippal, S.K.; Gupta, G.; Joshi, S.  
**(11)** AU-A-2021103643  
**(21)** 2021103643 **(22)** 26.06.2021  
**(54)** A SYSTEM FOR EXCHANGING MEDIA BETWEEN ENTITIES  
**(51)** Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
*H04L 29/12* ( 2006.01 )  
*H04L 12/70* ( 2013.01 )  
*H04L 12/931* ( 2013.01 )  
**(45)** 19.08.2021  
**(72)** Singh, Pankaj; Shukla, Abhishek; Mishra, Pradeep; Pandey, Ritesh; Ali, Kunwar Babar; Srivastava, Prabhat Kumar; Upmanu, Vishal; Dwivedi, Avinash; Pippal, Sanjiv Kumar; Gupta, Ganesh; Joshi, Shivani  
**(74)** Pankaj Singh

**SINHA,, D. see LAKSHMIKANTHAN, A.**  
**(21)** 2021102649

**(71)** Small, S.  
**(11)** AU-A-2021103613  
**(21)** 2021103613 **(22)** 25.06.2021  
**(54)** A SHOE COVER  
**(51)** Int. Cl.  
*A43B 3/16* ( 2006.01 )  
*A43B 1/00* ( 2006.01 )  
*A43B 1/02* ( 2006.01 )  
*A43B 11/00* ( 2006.01 )

Innovation Patents Open to Public Inspection - Name Index cont'd

(45) 19.08.2021  
(72) Small, Stephanie  
(74) Collison & Co

Solanki, S. see Dhiman, G.  
(21) 2021103730

Somashekar, D. see Singh, P.K.  
(21) 2021103499

Sonawane, K. see Dhiman, G.  
(21) 2021103730

(71) South China University of Technology  
(11) AU-A-2021103765  
(21) 2021103765 (22) 30.06.2021  
(54) ROBOTIC ARM MOTION PROGRAMMING METHOD BASED ON FIXED-PARAMETER NEURAL NETWORK  
(51) Int. Cl.  
G05B 19/25 ( 2006.01 )  
B25J 9/16 ( 2006.01 )  
G06N 3/02 ( 2006.01 )  
(31) 202010649465.5 (32) 08.07.20 (33) CN  
(45) 19.08.2021  
(72) Zhang, Zhijun; Yang, Song; Xie, Jilong  
(74) Madderns Pty Ltd

S R, S. see diana, F.S.  
(21) 2021103555

Srinivas, A. see M., H.  
(21) 2021103341

Srivastava, P.K. see Singh, P.  
(21) 2021103643

Subramanian, S. see diana, F.S.  
(21) 2021103555

Subramanian, S. see Dhiman, G.  
(21) 2021103730

Sujatha, K.N. see VAISAKH, K.  
(21) 2021103722

T.JAYANTHY see I.REXILINE SHEEBA  
(21) 2021101727

(71) Tettore Pty Ltd  
(11) AU-A-2021103507  
(21) 2021103507 (22) 21.06.2021  
(54) NOSE PAD FOR AN EYEWEAR DEVICE  
(51) Int. Cl.  
G02C 5/12 ( 2006.01 )  
(31) 2021901012 (32) 07.04.21 (33) AU

(45) 19.08.2021  
(72) Burns, Danielle; Burns, Stephen  
(74) LEGALVISION ILP PTY. LTD.

Tharewal, S. see Dhiman, G.  
(21) 2021103730

(71) The Jelly Bait Company Pty Ltd  
(11) AU-A-2021103780  
(21) 2021103780 (22) 01.07.2021  
(54) Artificial fishing bait  
(51) Int. Cl.  
A01K 97/04 ( 2006.01 )  
A01K 85/00 ( 2006.01 )  
A01K 85/01 ( 2006.01 )  
(31) 2021901138 (32) 19.04.21 (33) AU  
(45) 19.08.2021  
(72) Collett, Christopher Mark; Collett, David  
(74) Spruson & Ferguson

(71) The Trustee for NAP Global Trust  
(11) AU-A-2021103552  
(21) 2021103552 (22) 22.06.2021  
(54) CONTRAST DIFFERENCE SYSTEM AND METHOD  
(51) Int. Cl.  
G09G 5/02 ( 2006.01 )  
G09G 3/00 ( 2006.01 )  
G09G 5/06 ( 2006.01 )  
(45) 19.08.2021  
(72) Calow, Alistair  
(74) Trent Smith

(71) Tian, G.  
(11) AU-A-2021103777  
(21) 2021103777 (22) 01.07.2021  
(54) Water Quality Monitoring system  
(51) Int. Cl.  
H04Q 9/02 ( 2006.01 )  
C02F 5/00 ( 2006.01 )  
G01N 33/18 ( 2006.01 )  
G05B 19/04 ( 2006.01 )  
H04W 4/38 ( 2018.01 )  
(31) 202110575384.X (32) 26.05.21 (33) CN  
(45) 19.08.2021  
(72) Tian, Guiyan; Li, Hui; Cao, Wenyan; Ma, Wenli; Gao, Jianjun; Li, Haijun; Tian, Yufeng  
(74) Intellectro

(71) Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University  
(11) AU-A-2021103569  
(21) 2021103569 (22) 23.06.2021  
(54) A METHOD CULTIVATING VOLVARELLA VOLVACEA WITH FLAMMULINA VELUTIPES MUSHROOM BRAN  
(51) Int. Cl.  
A01G 18/00 ( 2018.01 )  
A01G 18/55 ( 2018.01 )  
A01G 18/20 ( 2018.01 )

(45) 19.08.2021  
(72) Zhang, Junli; Fu, Junsheng; Zhu, Xuefeng; Baima, Danzeng; Sun, Huijuan; Gao, Lei; Xie, Rong  
(74) Madderns Pty Ltd

Tirumalasetty, S. see Eswaraiiah, R.  
(21) 2021103578

Tiwari, A. see diana, F.S.  
(21) 2021103555

(71) Tomlinson, D.  
(11) AU-A-2021103576  
(21) 2021103576 (22) 23.06.2021  
(54) PREPARATION AND USE OF A DRY CLEAN POWDER FOR FABRIC  
(51) Int. Cl.  
C11D 17/06 ( 2006.01 )  
C11D 7/14 ( 2006.01 )  
C11D 7/20 ( 2006.01 )  
C11D 7/44 ( 2006.01 )  
B01J 20/10 ( 2006.01 )  
B01J 20/16 ( 2006.01 )  
(45) 19.08.2021  
(72) Tomlinson, David  
(74) ACROGON GROUP PTY LTD

(71) Tongji University  
(11) AU-A-2021103781  
(21) 2021103781 (22) 01.07.2021  
(54) NEW INTERNET VIRTUAL DATA CENTER SYSTEM AND METHOD FOR CONSTRUCTING THE SAME  
(51) Int. Cl.  
G06F 16/188 ( 2019.01 )  
G06F 3/06 ( 2006.01 )  
G06F 16/958 ( 2019.01 )  
G06K 9/62 ( 2006.01 )  
(45) 19.08.2021  
(62) PCT/CN2019/125548  
(72) Jiang, Changjun; Zhang, Zhaohui; Wang, Pengwei; Ding, Zhijun; Yu, Jian; Yan, Chungang; Zhang, Yaying  
(74) Phillips Ormonde Fitzpatrick

Transportation and Engineering Branch of China Railway No.3 Engineering Group Co., Ltd. see China Railway No.3 Engineering Group Co., Ltd.  
(21) 2021103701

(71) Tsakirios, M.  
(11) AU-A-2021103755  
(21) 2021103755 (22) 30.06.2021  
(54) An improved fence  
(51) Int. Cl.  
E04H 17/00 ( 2006.01 )  
E04H 17/14 ( 2006.01 )  
(31) 2020902323 (32) 06.07.20 (33) AU  
(45) 19.08.2021  
(72) Tsakirios, Michael  
(74) Patentec Patent Attorneys

Innovation Patents Open to Public Inspection - Name Index cont'd

**Tulasi, K. see Kavitha, R.**  
(21) 2021103738

**U. M, A. see Biradar, R.C.**  
(21) 2021102047

**University of Chinese Academy of Sciences see Institute of Urban Environment, Chinese Academy of Sciences**  
(21) 2021103699

**Upmanu, V. see Singh, P.**  
(21) 2021103643

(71) Usman, M.R.M.  
(11) AU-A-2021103621  
(21) 2021103621 (22) 25.06.2021  
(54) A METHOD OF PREPARATION OF AQUEOUS EXTRACT OF SIDA RHOMBIFOLIA LINN FOR ANTIBACTERIAL ACTIVITY  
(51) Int. Cl.  
A01N 65/00 ( 2009.01 )  
A01P 1/00 ( 2006.01 )  
A01N 25/02 ( 2006.01 )  
A01N 65/08 ( 2009.01 )  
(45) 19.08.2021  
(72) Usman, Mohammed Rageeb Mohammed; Shah, Sunil Kumar; Jain, Bharat V.; Usman, Mohammed Zuber Shaikh; Patil, Priyanka V.  
(74) Mohammed Rageeb Mohammed Usman

**V, S.P. see A, R.**  
(21) 2021103548

**V, M. see Devarajan, B.**  
(21) 2021103630

(71) VAISAKH, K.; Sujatha, K.N.; Rao, B.; Satish, R.; Rao, A.S.  
(11) AU-A-2021103722  
(21) 2021103722 (22) 29.06.2021  
(54) A POWER FLOW CONTROL METHOD FOR AC-DC HYBRID POWER GRID  
(51) Int. Cl.  
H02J 3/46 ( 2006.01 )  
G05B 13/02 ( 2006.01 )  
G05B 17/02 ( 2006.01 )  
G05F 5/00 ( 2006.01 )  
H02J 3/06 ( 2006.01 )  
H02J 3/14 ( 2006.01 )  
H02J 3/16 ( 2006.01 )  
H02J 3/24 ( 2006.01 )  
H02J 3/28 ( 2006.01 )  
G05D 3/12 ( 2006.01 )  
(45) 19.08.2021  
(72) VAISAKH, K.; Sujatha, K. Naga; Rao, B. K. Karunakar; Satish, R.; Rao, A. SuryaPrakasa  
(74) S K Walsh

(71) Vegetable Research Institute of Guangdong Academy of Agricultural Sciences; Agro-biological Gene Research Center of Guangdong Academy of Agricultural Sciences  
(11) AU-A-2021103557  
(21) 2021103557 (22) 23.06.2021  
(54) Method for Quickly Identifying and Screening Plants Resistant to Fusarium Wilt and Application Thereof  
(51) Int. Cl.  
A01H 1/04 ( 2006.01 )  
A01G 7/06 ( 2006.01 )  
A01H 1/00 ( 2006.01 )  
G01N 33/50 ( 2006.01 )  
(45) 19.08.2021  
(72) Yao, Chunpeng; Zhang, Xiaoi; Zhang, Changyuan; Wu, Tingquan; Lin, Yue; Xie, Dasen; Jin, Qingmin  
(74) Alder IP Pty Ltd

**Verma, N. see Barak, D.**  
(21) 2021103225

**Vij, M. see Sabharwal, M.**  
(21) 2021103235

**Vij, A. see Sabharwal, M.**  
(21) 2021103235

**Vikram, S. see Hemalatha, S.**  
(21) 2021103628

**Vyshnavi, R. see Kavitha, R.**  
(21) 2021103738

(71) Wang, Y.; Jiang, H.  
(11) AU-A-2021103506  
(21) 2021103506 (22) 21.06.2021  
(54) Method for monitoring the safe operating region of distributed generations  
(51) Int. Cl.  
G05B 17/02 ( 2006.01 )  
G05B 13/04 ( 2006.01 )  
G05B 15/02 ( 2006.01 )  
H02J 3/38 ( 2006.01 )  
G06F 119/06 ( 2020.01 )  
(45) 19.08.2021  
(72) Wang, Yandi; Jiang, Hsiaocong  
(74) Yandi Wang

(71) WATSON, K.J.  
(11) AU-A-2021104069  
(21) 2021104069 (22) 12.07.2021  
(54) A SWITCH  
(51) Int. Cl.  
H01H 13/14 ( 2006.01 )  
H01R 13/703 ( 2006.01 )  
H01R 24/76 ( 2011.01 )  
H01R 31/08 ( 2006.01 )  
H01R 24/64 ( 2011.01 )

(45) 19.08.2021  
(72) WATSON, Kevin Jason  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Wyeth Media Services Pty Ltd  
(11) AU-A-2021103754  
(21) 2021103754 (22) 30.06.2021  
(54) A COMPACT KITCHEN ASSEMBLY  
(51) Int. Cl.  
F24B 1/20 ( 2006.01 )  
A47J 37/07 ( 2006.01 )  
F24C 1/16 ( 2006.01 )  
F24C 3/14 ( 2006.01 )  
(45) 19.08.2021  
(62) 2019225392  
(72) CROWE, Rupert William Ashton  
(74) Arcadia Intellectual Property

(71) Xinjiang University  
(11) AU-A-2021103972  
(21) 2021103972 (22) 08.07.2021  
(54) Spatial zero forcing method for secure visible light wireless communication based on combined beam  
(51) Int. Cl.  
H04B 10/116 ( 2013.01 )  
H04B 10/2575 ( 2013.01 )  
H04B 10/27 ( 2013.01 )  
H04B 10/85 ( 2013.01 )  
H04W 76/15 ( 2018.01 )  
H04Q 11/00 ( 2006.01 )  
(45) 19.08.2021  
(72) Ding, Jupeng; I, Chih-Lin; Zhao, Kai; Zhang, Linlin; Wang, Lili  
(74) Alder IP Pty Ltd

(71) Xinjiang University  
(11) AU-A-2021104252  
(21) 2021104252 (22) 16.07.2021  
(54) A switchable optical beams based visible light communication transmitter and communication method  
(51) Int. Cl.  
H04B 10/116 ( 2013.01 )  
H04B 10/50 ( 2013.01 )  
H04B 10/516 ( 2013.01 )  
H04B 10/54 ( 2013.01 )  
(45) 19.08.2021  
(72) Ding, Jupeng; I, Chih-Lin; Jiong, Zheng  
(74) Alder IP Pty Ltd

(71) Xinjiang University  
(11) AU-A-2021104388  
(21) 2021104388 (22) 21.07.2021  
(54) A MIMO power line backhaul based visible light relay access system and method  
(51) Int. Cl.  
H04B 3/54 ( 2006.01 )  
H04B 10/116 ( 2013.01 )  
H04B 10/2575 ( 2013.01 )  
H04L 25/02 ( 2006.01 )  
(45) 19.08.2021  
(72) Ding, Jupeng; I, Chih-Lin; Wang, Lili  
(74) Alder IP Pty Ltd

Innovation Patents Open to Public Inspection - Name Index cont'd

(71) Xuzhou University of Technology  
 (11) AU-A-2021102940  
 (21) 2021102940 (22) 28.05.2021  
 (54) A Processing Equipment For Iron-Containing Acid Pickle In Electroplating Industry And Its Working Method  
 (51) Int. Cl.  
 C25D 5/36 ( 2006.01 )  
 C23C 22/34 ( 2006.01 )  
 C23C 22/36 ( 2006.01 )  
 C23G 1/02 ( 2006.01 )  
 C23G 3/02 ( 2006.01 )  
 C25F 1/06 ( 2006.01 )  
 C23G 1/06 ( 2006.01 )  
 (45) 19.08.2021  
 (72) YANG, Chengfang; LIANG, Zhi; CHEN, Yuqun; GE, Lingya; GUO, Li; YAO, Fan  
 (74) WRAYS PTY LTD

(71) Xuzhou University of Technology  
 (11) AU-A-2021103122  
 (21) 2021103122 (22) 04.06.2021  
 (54) A paste functional food extraction and concentration device  
 (51) Int. Cl.  
 B01F 15/06 ( 2006.01 )  
 A23L 33/00 ( 2016.01 )  
 B01F 3/18 ( 2006.01 )  
 B01F 7/00 ( 2006.01 )  
 B01F 7/02 ( 2006.01 )  
 B01F 13/00 ( 2006.01 )  
 H05B 6/10 ( 2006.01 )  
 (45) 19.08.2021  
 (72) Zhu, Yunlan; Chen, Hongwei  
 (74) Ran Tao

(71) Xuzhou University of Technology  
 (11) AU-A-2021103656  
 (21) 2021103656 (22) 27.06.2021  
 (54) Device for producing quaternary ammonium salt surfactant  
 (51) Int. Cl.  
 B01F 7/14 ( 2006.01 )  
 B01F 7/00 ( 2006.01 )  
 B01F 15/02 ( 2006.01 )  
 C11D 1/62 ( 2006.01 )  
 (45) 19.08.2021  
 (72) Zhuang, Wenchang; Zhu, Wenyong; Li, Qintang  
 (74) Alder IP Pty Ltd

Y, M.R. see Devarajan, B.  
 (21) 2021103630

Yadlapaty, S. see Kavitha, R.  
 (21) 2021103738

(71) Yang, Y.; Li, S.; Pai, M.C.  
 (11) AU-A-2021103527  
 (21) 2021103527 (22) 22.06.2021  
 (54) GRINDING DEVICE FOR CEMENT WALK-BEHIND TROWEL MACHINE  
 (51) Int. Cl.  
 E04F 21/24 ( 2006.01 )  
 B24B 7/18 ( 2006.01 )  
 B24B 41/047 ( 2006.01 )

B24B 47/12 ( 2006.01 )  
 E01C 19/42 ( 2006.01 )  
 E01C 23/088 ( 2006.01 )  
 (45) 19.08.2021  
 (72) Yang, Yun-Jui; Li, Shun-Jhong; Pai, Ming Cheng  
 (74) Collison & Co

Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences see Qingdao National Laboratory for Marine Science and Technology Development Centre  
 (21) 2021103545

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd  
 (11) AU-A-2021103677  
 (21) 2021103677 (22) 28.06.2021  
 (54) A method for observing natural spawning of parent fish of *Seriola aureovittata*  
 (51) Int. Cl.  
 A01K 61/10 ( 2017.01 )  
 A01K 63/06 ( 2006.01 )  
 (45) 19.08.2021  
 (72) Liu, Xuezhou; Xu, Yongjiang; Wang, Bin; Jiang, Yan; Shi, Bao; Zhang, Yanxiang; Li, Rong; Lv, Wei  
 (74) Alder IP Pty Ltd

(71) YouPay Pty Ltd  
 (11) AU-A-2021103671  
 (21) 2021103671 (22) 28.06.2021  
 (54) An e-commerce system for multi-party e-commerce transaction payment processing  
 (51) Int. Cl.  
 G06Q 20/14 ( 2012.01 )  
 G06Q 30/04 ( 2012.01 )  
 G06Q 30/06 ( 2012.01 )  
 (31) 2020902167 (32) 29.06.20 (33) AU  
 (45) 19.08.2021  
 (72) Holme, Matt  
 (74) Patentec Patent Attorneys

(71) YUAN PIN INDUSTRIAL CO., LTD.  
 (11) AU-A-2021102709  
 (21) 2021102709 (22) 20.05.2021  
 (54) CURRENT-SWITCHING UNIT OF A NOZZLE-SWINGING APPARATUS OF A SPRINKLER  
 (51) Int. Cl.  
 B05B 3/04 ( 2006.01 )  
 (45) 19.08.2021  
 (72) HSIEH, MING-CHIH  
 (74) Collison & Co

(71) Zhejiang provincial people's hospital  
 (11) AU-A-2021103618  
 (21) 2021103618 (22) 25.06.2021  
 (54) Anti-virus transmission type medical waste bin with negative pressure function  
 (51) Int. Cl.  
 B65F 1/08 ( 2006.01 )

A61B 50/39 ( 2016.01 )  
 B09B 3/00 ( 2006.01 )  
 B65F 1/16 ( 2006.01 )  
 B65F 7/00 ( 2006.01 )  
 (45) 19.08.2021  
 (72) Wang, Ying; Zhou, Yi; Tong, Xiangmin  
 (74) Alder IP Pty Ltd

Numerical Index

<b>2016102471</b>	D & S Stott Pty Ltd	<b>2021103545</b>	Qingdao National Laboratory for Marine Science and Technology Development Centre; Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd
<b>2017101908</b>	Lawson, C.	<b>2021103548</b>	A, R.; N, D.; S, B.D.; G, P.; B, B.; V, S.P.
<b>2019101808</b>	Institute of Food Science and Technology Chinese Academy of Agricultural Sciences	<b>2021103551</b>	Jiao, L.
<b>2019101811</b>	Jiangmen Bonanza Metalware Co., Ltd.	<b>2021103552</b>	The Trustee for NAP Global Trust
<b>2020104440</b>	OLM, C.	<b>2021103555</b>	diana, F.S.; Murali, M.; Bisoyi, B.; S, S.; Tiwari, A.; S R, S.; B P, M.; Bhattacharya, S.; Subramanian, S.; Pukkunnen, E.B.; Jenopaul, P.; Mateen, A.
<b>2021101727</b>	I.REXILINE SHEEBA; T.JAYANTHY; L.MAGTHELIN THERASE; S.BARANI; S.POORNAPUSHPAKALA; M.SUBRAMONIAM; M. R. EBENEZAR JEBARANI; M.SUGADEV; G.JEGAN; F.V.JAYASUDHA; P.CHITRA; E.ANNA DEVI	<b>2021103556</b>	Gansu Agricultural University
<b>2021102047</b>	Biradar, R.C.; Kodabagi, M.M.; U. M, A.; Bharamagoudra, M.R.	<b>2021103557</b>	Vegetable Research Institute of Guangdong Academy of Agricultural Sciences; Agro-biological Gene Research Center of Guangdong Academy of Agricultural Sciences
<b>2021102649</b>	LAKSHMIKANTHAN, A.; MANICKAM, A.; NAIDU, K.D.; DHAS, J.T.M.; MUDULI, K.; MOHAMAED, A.; PRAVADAS, R.; SINHA, D.; DIANA, F.H.S.; NASSA, V.K.; PUKKUNNEN, E.B.; S C, R.K.	<b>2021103563</b>	MyPinPad Ltd; Licentia Group Ltd
<b>2021102709</b>	YUAN PIN INDUSTRIAL CO., LTD.	<b>2021103569</b>	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University
<b>2021102780</b>	Kumar, A.; Kumar, A.	<b>2021103576</b>	Tomlinson, D.
<b>2021102861</b>	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.	<b>2021103578</b>	Eswaraiiah, R.; Tirumalasetty, S.; Gundabatini, S.G.; Putheti, S.; Kolluru, S.B.; Nallamala, S.H.; Pinnamaneni, S.P.; Janjanam, M.B.; Pujari, J.J.; Prasanna, N.L. Hudswell, C.
<b>2021102937</b>	Crop Research Institute, Shandong Academy of Agricultural Sciences	<b>2021103582</b>	Ningbo Polytechnic
<b>2021102940</b>	Xuzhou University of Technology	<b>2021103590</b>	Shandong University of Technology
<b>2021103122</b>	Xuzhou University of Technology	<b>2021103591</b>	Agarwal, A.; Chaturvedi, P.; Patel, R.G.; Sankar, B.B.; BHANAWAT, H.; Saxena, A.; Asthana, S.
<b>2021103188</b>	Ocag Pty Ltd	<b>2021103601</b>	Hebei Hospital of Traditional Chinese Medicine
<b>2021103190</b>	OXTI CORPORATION	<b>2021103611</b>	Small, S.
<b>2021103191</b>	Cycliq Products Pty Ltd	<b>2021103613</b>	Zhejiang provincial people's hospital
<b>2021103225</b>	Barak, D.; Singh, K.; S, S.; Kumar, N.; Kumar, D.; Kumar, M.; Pandey, M.; Shehzad, M.; Anand, R.; Dalal, S.; Verma, N.; Quadir, A.; Singh, Y.; Kumar, V.	<b>2021103618</b>	Lad, M.K.; Mane, M.; Mane, S.; Mhetre, M.
<b>2021103235</b>	Sabharwal, M.; Ghazal, T.; Vij, M.; Vij, A.; Anand, D.; Balusamy, B.; Dhanaraj, R.K.	<b>2021103619</b>	Usman, M.R.M.
<b>2021103254</b>	Ningbo Polytechnic	<b>2021103621</b>	Navukkarasan, A.; Kumar, M.P.; Sastry, C.C.
<b>2021103341</b>	M., H.; B. R., P.; S. Mudigoudra, B.; S., K.; Govinda, S.; K., R.; Srinivas, A.	<b>2021103624</b>	Central South University; Chongqing Geomatics and Remote Sensing Center
<b>2021103348</b>	Cripps Clark, J.	<b>2021103625</b>	Pride Mobility Australia Pty Ltd
<b>2021103357</b>	Qufu Normal University	<b>2021103627</b>	Hemalatha, S.; Raj, V.; Raga, S.; Devadutta, K.; Rout, S.; Vikram, S.; Kumar, B.; Bhanu, B.B.; G., P.; Manjunath, T.; Goel, S.; Mungara, J.; S., M.
<b>2021103365</b>	Nanjing University	<b>2021103628</b>	Rhino Hide Pty Ltd
<b>2021103381</b>	JOSEPH, J.; SANTHOSHKUMAR, A.W.; CHRISTOBER, D.	<b>2021103629</b>	Devarajan, B.; R, P.; M, K.; J, J.C.; S.N, K.; J, V.; M. V, S.; Dukkipati, S.; S, B.; Anand, J.; O, K.; Mannam, P.; Y, M.R.; Mahammad, F.S.; V, M.; B S, V.; M, K.A.
<b>2021103383</b>	Hezhou University	<b>2021103630</b>	China Institute of Water Resources and Hydropower Research
<b>2021103386</b>	Ecological Society of Shandong	<b>2021103632</b>	Institute of Anima1l Husbandry of Heilongjiang Academy of Agricultural Sciences
<b>2021103392</b>	Imtrade Australia Pty Ltd	<b>2021103633</b>	Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences
<b>2021103393</b>	Bozhou University; Anhui yiren Co., Ltd	<b>2021103635</b>	Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences
<b>2021103397</b>	Moutai Institute	<b>2021103636</b>	Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences
<b>2021103399</b>	Nayyar, A.; Singh, A.; Garg, A.; Singh, A.; Kumar, A.	<b>2021103643</b>	Singh, P.; Shukla, A.; Mishra, P.; Pandey, R.; Ali, K.B.; Srivastava, P.K.; Upmanu, V.; Dwivedi, A.; Pippal, S.K.; Gupta, G.; Joshi, S.
<b>2021103403</b>	Rathee, T.; Singh, P.	<b>2021103648</b>	AI Dhuhoori, A.; Jasar, J.
<b>2021103406</b>	CP-IP Limited	<b>2021103649</b>	Nanchang Hangkong University
<b>2021103411</b>	Ningbo University of Technology	<b>2021103656</b>	Xuzhou University of Technology
<b>2021103413</b>	Poinern, G.	<b>2021103661</b>	GNANASINGHAM, A.
<b>2021103427</b>	National Satellite Meteorological Center	<b>2021103664</b>	Jacobs, D.
<b>2021103449</b>	Institute of process engineering, Chinese Academy of Sciences	<b>2021103669</b>	Beijing Cosmos Safety Technology Co. Ltd
<b>2021103459</b>	Brown, V.	<b>2021103671</b>	YouPay Pty Ltd
<b>2021103465</b>	Colvin, J.	<b>2021103676</b>	Dalian University of Technology
<b>2021103481</b>	Ahirwar, D.; Gupta, S.; Jshade, D.; Ahirwar, B.; Jain, R.; Mohit	<b>2021103677</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd
<b>2021103490</b>	Noronha, A.; Shahane, N.	<b>2021103680</b>	Meesaraganda, L.V.P.; Mazumder, E.; Joseph, A.
<b>2021103499</b>	Singh, P.K.; Singh, R.S.; Somashekar, D.; Singh, S.; Gaur, P.; Singh, A.; Paliwal, S.; Singh, V.; Sharma, S.		
<b>2021103506</b>	Wang, Y.; Jiang, H.		
<b>2021103507</b>	Tettore Pty Ltd		
<b>2021103512</b>	Shanghai Ocean University		
<b>2021103527</b>	Yang, Y.; Li, S.; Pai, M.C.		
<b>2021103530</b>	COREIoT Pty Ltd		
<b>2021103542</b>	CHEN, S.		
<b>2021103544</b>	Chopra, D.		

Innovation Patents Open to Public Inspection - Numerical Index cont'd

2021103683	Shenzhen KE RUI ER TE Electronics Technology Co., Ltd
2021103695	NANJING GMINNOVATION TECHNOLOGY CO., LTD.
2021103699	Institute of Urban Environment, Chinese Academy of Sciences; University of Chinese Academy of Sciences
2021103700	Bailey, R.
2021103701	China Railway No.3 Engineering Group Co., Ltd.; Shijiazhuang Tiedao University; Transportation and Engineering Branch of China Railway No.3 Engineering Group Co., Ltd.
2021103705	Qilu University of Technology
2021103713	Apple Inc.
2021103721	Guangdong University of Technology
2021103722	VAISAKH, K.; Sujatha, K.N.; Rao, B.; Satish, R.; Rao, A.S.
2021103727	Chongqing technology and business university
2021103730	Dhiman, G.; Tharewal, S.; Joon, R.; Sonawane, K.; Solanki, S.; Puri, T.; Subramanian, S.; Kothari, P.; Bhadla, M.; Dhirajlal, V.
2021103732	Gopalrao Wawale, S.
2021103738	Kavitha, R.; Kumar, A.; Ashraf, M.; Nagaraju, T.; Vyshnavi, R.; Ruth, P.; Bande, V.; Tulasi, K.; Raghu, P.; Saidan, D.; Gundagani, U.K.; Yadlapaty, S.
2021103750	Institute of Process Engineering, Chinese Academy of Sciences
2021103751	Guangdong University of Technology
2021103754	Wyeth Media Services Pty Ltd
2021103755	Tsakirios, M.
2021103756	Guangdong University of Technology
2021103761	Lanzhou Jiaotong University
2021103762	Nanning Qibojia Biological Technology Co., Ltd
2021103764	Changsha University Of Science & Technology
2021103765	South China University of Technology
2021103770	National Institute of Natural Hazards, Ministry of Emergency Management of China
2021103776	DAI, A.
2021103777	Tian, G.
2021103779	Hookey, S.
2021103780	The Jelly Bait Company Pty Ltd
2021103781	Tongji University
2021103785	Jiangsu University
2021103787	Qinghai Qianxun Information Technology Co., Ltd.
2021103790	Bargat, S.; Shirbhate, N.; Parauha, Y.; Dhoble, S.J.
2021103791	Sampath, B.; Gavaskar, T.; Dogga, A.D.; Mahendran, R.K.; Kumar, A.; Kathiresan, G.; N, V.; Ganesan, M.; Ishwarya, K.; Ramana, G.; Padmanabhan, R.G.; Arockiam, A.J.
2021103809	Diogenes Limited
2021103816	Apple Inc.
2021103858	Apple Inc.
2021103859	Metso Outotec Finland Oy
2021103887	Hunan University
2021103921	Qingdao Haier Biotech Co.Ltd
2021103972	Xinjiang University
2021104056	Qingdao Agriculture University
2021104069	WATSON, K.J.
2021104244	Inkjecta Pty Ltd
2021104245	Inkjecta Pty Ltd
2021104252	Xinjiang University
2021104271	BASKARAN, P.; PALANIVELU, E.; RAMAR, N.
2021104302	Dalian Ocean University
2021104346	Resources Unity Enterprise Pty Ltd
2021104373	Lonman Auto Accessories Co., Ltd
2021104375	Lonman Auto Accessories Co., Ltd
2021104388	Xinjiang University
2021104466	Flower Research Institute, Yunnan Academy of Agricultural Sciences; City College, Kunming University of Science and Technology
2021104478	Equilume Ltd

IPC Index

<b><u>A01B 49 /-</u></b>	<b><u>A01K 85 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A61B 5 /-</u></b>	2021103413	<b><u>B01F 3 /-</u></b>
2020104440	2021103780	2021103383	2021101727	2021103481	2021102861
2021104056			2021102047	2021103611	2021103122
	<b><u>A01K 97 /-</u></b>	<b><u>A23L 33 /-</u></b>	2021103490	2021103732	
<b><u>A01B 79 /-</u></b>	2021103780	2021103122	2021103601	2021103762	<b><u>B01F 7 /-</u></b>
2020104440			<b><u>A61B 50 /-</u></b>	<b><u>A61L 2 /-</u></b>	2021102861
	<b><u>A01M 1 /-</u></b>	<b><u>A41D 13 /-</u></b>	2021103618	2021103393	2021103122
<b><u>A01C 5 /-</u></b>	2021103499	2021103542	<b><u>A61B 6 /-</u></b>	2021103619	2021103656
2020104440			2021103578	<b><u>A61M 37 /-</u></b>	<b><u>B01J 20 /-</u></b>
<b><u>A01C 7 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A43B 1 /-</u></b>	<b><u>A61D 7 /-</u></b>	2021104244	2021103576
2020104440	2021103392	2021103613	2021103636	2021104245	2021103727
	2021103393		<b><u>A61F 13 /-</u></b>	<b><u>A61N 5 /-</u></b>	<b><u>B02C 17 /-</u></b>
	2021103621	<b><u>A43B 11 /-</u></b>	2021104478	2021104478	2021103859
<b><u>A01G 13 /-</u></b>	<b><u>A01N 37 /-</u></b>	2021103613	<b><u>A61P 11 /-</u></b>	<b><u>A61P 15 /-</u></b>	<b><u>B02C 19 /-</u></b>
2021103499	2021103392	<b><u>A43B 21 /-</u></b>	2021103611	2021103611	2021103190
<b><u>A01G 17 /-</u></b>	<b><u>A01N 43 /-</u></b>	2021103235	<b><u>A61G 5 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>B02C 2 /-</u></b>
2021103188	2021103392	<b><u>A43B 3 /-</u></b>	2021103627	2021103481	2021104346
	<b><u>A01N 63 /-</u></b>	2021103235	<b><u>A61J 3 /-</u></b>	2021103633	<b><u>B02C 25 /-</u></b>
<b><u>A01G 18 /-</u></b>	2021103392	2021103613	2021102780	2021103732	<b><u>B02C 25 /-</u></b>
2021103569	<b><u>A01N 65 /-</u></b>	<b><u>A43B 7 /-</u></b>	<b><u>A61J 7 /-</u></b>	<b><u>A61P 17 /-</u></b>	2021103190
	2021103392	2021103235	2021102780	2021103381	<b><u>B05B 15 /-</u></b>
<b><u>A01G 25 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A47C 1 /-</u></b>	2021103636	<b><u>A61P 27 /-</u></b>	2021103188
2021103188	2021103393	2021103627	<b><u>A61K 31 /-</u></b>	2021103921	<b><u>B05B 3 /-</u></b>
<b><u>A01G 27 /-</u></b>	2021103621	<b><u>A47C 20 /-</u></b>	2021102780	<b><u>A61P 3 /-</u></b>	2021102709
2021104466		2021103627	2021103921	2021103762	<b><u>B07B 1 /-</u></b>
	<b><u>A01P 7 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61K 33 /-</u></b>	<b><u>A61P 31 /-</u></b>	2021102861
<b><u>A01G 7 /-</u></b>	2021103392	2021103627	2021103413	2021103393	<b><u>B08B 15 /-</u></b>
2021103557	<b><u>A21D 15 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61K 35 /-</u></b>	2021103413	2021103449
	2021103459	2021103459	2021103633	2021103732	<b><u>B08B 3 /-</u></b>
<b><u>A01G 9 /-</u></b>	<b><u>A23B 4 /-</u></b>	<b><u>A47G 25 /-</u></b>	2021103921	2021103921	<b><u>B08B 3 /-</u></b>
2021103628		2017101908	<b><u>A61K 36 /-</u></b>	<b><u>A63B 17 /-</u></b>	2021103465
2021104466	<b><u>A23B 7 /-</u></b>	<b><u>A47J 36 /-</u></b>	2021103381	2021103582	<b><u>B08B 9 /-</u></b>
<b><u>A01H 1 /-</u></b>	2021103383	2019101811	2021103393	<b><u>A63B 23 /-</u></b>	2021103756
2021103557	2021103383		2021103413	2021103582	<b><u>B09B 3 /-</u></b>
	<b><u>A23K 10 /-</u></b>	<b><u>A47J 37 /-</u></b>	2021103481	<b><u>A63B 69 /-</u></b>	2021103413
<b><u>A01K 1 /-</u></b>	2021103632	2021103754	2021103611	2021103582	2021103465
2021103635	<b><u>A23K 20 /-</u></b>	<b><u>A47J 45 /-</u></b>	2021103633	<b><u>B01D 33 /-</u></b>	2021103618
	2021103633	2019101811	2021103732	2021103397	2021103761
<b><u>A01K 13 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47J 47 /-</u></b>	2021103762	<b><u>B01F 13 /-</u></b>	2021103413
2021104478	2021103633	2021103459	<b><u>A61K 9 /-</u></b>	2021103122	<b><u>B22F 9 /-</u></b>
	<b><u>A23L 17 /-</u></b>	<b><u>A47K 10 /-</u></b>	2021102780	<b><u>B01F 15 /-</u></b>	2021103413
<b><u>A01K 29 /-</u></b>	2021103632	2017101908	2021103381	2021103122	
2021104478	2021103633		2021103656	2021103656	
<b><u>A01K 61 /-</u></b>					
2021103512					
2021103545					
2021103677					
2021104302					
<b><u>A01K 63 /-</u></b>					
2021103677					

Innovation Patents Open to Public Inspection - IPC Index cont'd

<b><u>B23D 37 /-</u></b>		<b><u>C05F 11 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E01H 8 /-</u></b>	<b><u>F16J 15 /-</u></b>
2021103624	<b><u>B65D 57 /-</u></b>	2021103386	2021103512	2021103701	2021103449
	2021103459				
<b><u>B23D 39 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C05F 17 /-</u></b>	<b><u>C22C 23 /-</u></b>	<b><u>E02D 17 /-</u></b>	<b><u>F24B 1 /-</u></b>
2021103624	2021103618	2021103386	2021103764	2021103225	2021103754
<b><u>B23D 43 /-</u></b>	<b><u>B65F 7 /-</u></b>	<b><u>C05F 3 /-</u></b>	<b><u>C22F 1 /-</u></b>	<b><u>E04B 9 /-</u></b>	<b><u>F24C 1 /-</u></b>
2021103624	2021103618	2021103386	2021103764	2016102471	2021103754
<b><u>B24B 41 /-</u></b>	<b><u>B82Y 40 /-</u></b>	<b><u>C08F 251 /-</u></b>	<b><u>C23C 14 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>F24C 3 /-</u></b>
2021103527	2021103413	2021103705	2021103357	2016102471	2021103754
<b><u>B24B 47 /-</u></b>	<b><u>C01G 3 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C23C 22 /-</u></b>	<b><u>E04F 19 /-</u></b>	<b><u>F25D 23 /-</u></b>
2021103527	2021103357	2021103365	2021102940	2016102471	2021103700
<b><u>B24B 7 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C08L 1 /-</u></b>	<b><u>C23G 1 /-</u></b>	<b><u>E04F 21 /-</u></b>	<b><u>F25D 29 /-</u></b>
2021103527	2021103254	2021103365	2021102940	2016102471	2021103700
			2021103465	2021103527	
<b><u>B25J 9 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C08L 3 /-</u></b>	<b><u>C23G 3 /-</u></b>	<b><u>E04G 23 /-</u></b>	<b><u>F27B 21 /-</u></b>
2021103765	2021103365	2021103365	2021102940	2021103785	2021103449
	2021103727				
<b><u>B28C 5 /-</u></b>	2021104271	<b><u>C08L 5 /-</u></b>	<b><u>C25D 5 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>F27D 15 /-</u></b>
2021102861		2021103365	2021102940	2021103188	2021103449
		2021103381		2021103755	
<b><u>B30B 9 /-</u></b>	<b><u>C02F 101 /-</u></b>	<b><u>C08L 97 /-</u></b>	<b><u>C25F 1 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>F27D 17 /-</u></b>
2021103190	2021103727	2021103365	2021102940	2021103406	2021103449
	2021104271				2021103750
<b><u>B60B 33 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C09J 105 /-</u></b>	<b><u>C30B 29 /-</u></b>	<b><u>F03B 13 /-</u></b>	<b><u>G01D 1 /-</u></b>
2021103664	2021104271	2021102780	2021103649	2021103779	2021103530
<b><u>B60J 11 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C09K 11 /-</u></b>	<b><u>D06F 34 /-</u></b>	<b><u>F03B 17 /-</u></b>	<b><u>G01D 18 /-</u></b>
2021103629	2021103721	2021103790	2021103399	2021103779	2021103530
	2021103751				
<b><u>B60R 9 /-</u></b>	2021103761	<b><u>C09K 3 /-</u></b>	<b><u>D06F 37 /-</u></b>	<b><u>F03G 1 /-</u></b>	<b><u>G01F 13 /-</u></b>
2021104373		2021103727	2021103399	2021103630	2021103631
2021104375					
	2021103777	<b><u>C11D 1 /-</u></b>	<b><u>D06F 39 /-</u></b>	2021103630	<b><u>G01H 11 /-</u></b>
<b><u>B62J 45 /-</u></b>	<b><u>C04B 111 /-</u></b>	2021103465	2021103399	<b><u>F03G 7 /-</u></b>	2021103530
2021103191	2021103591	2021103656		2021103630	<b><u>G01J 5 /-</u></b>
	2021103680		<b><u>D06F 57 /-</u></b>	2021102047	
<b><u>B62J 6 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>C11D 17 /-</u></b>	2017101908	<b><u>F04D 29 /-</u></b>	
2021103191		2021103576		2021103676	<b><u>G01N 30 /-</u></b>
			<b><u>D21H 11 /-</u></b>		
<b><u>B63B 35 /-</u></b>	2021103591	<b><u>C11D 3 /-</u></b>	2021103705	<b><u>F16B 19 /-</u></b>	2019101808
2021103556		2021103465		2021103629	
	<b><u>C04B 22 /-</u></b>		<b><u>D21H 17 /-</u></b>		<b><u>G01N 33 /-</u></b>
<b><u>B64C 39 /-</u></b>	2021103591	<b><u>C11D 7 /-</u></b>	2021103705	<b><u>F16B 21 /-</u></b>	2021103556
2021103791		2021103576		2021103629	2021103557
	<b><u>C04B 24 /-</u></b>		<b><u>D21H 27 /-</u></b>		2021103777
<b><u>B65B 25 /-</u></b>	2021103591	<b><u>C12P 3 /-</u></b>	2021103705	<b><u>F16B 39 /-</u></b>	<b><u>G01P 15 /-</u></b>
2021103459		2021103785		2021103629	
	<b><u>C04B 28 /-</u></b>		<b><u>E01C 19 /-</u></b>		2021103530
<b><u>B65B 67 /-</u></b>	2021103591	<b><u>C12Q 1 /-</u></b>	2021103527	<b><u>F16B 5 /-</u></b>	<b><u>G01S 13 /-</u></b>
2021103459	2021103680	2021103512		2021103859	
	<b><u>C04B 35 /-</u></b>	2021104302	<b><u>E01C 23 /-</u></b>		2021103816
<b><u>B65D 1 /-</u></b>	2021103649		2021103527		
2021103459					



Innovation Patents Open to Public Inspection - IPC Index cont'd

<b><u>G01S 17 /-</u></b>	2021103427 2021103781	<b><u>G06Q 20 /-</u></b>	<b><u>G16H 10 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H03K 17 /-</u></b>
2021102047		2021103671	2021103601	2021103887	2021103858
<b><u>G01S 19 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H01Q 25 /-</u></b>	<b><u>H04B 10 /-</u></b>
2021103791	2021103578 2021103699	2021103671	2021103341 2021103578 2021103601	2021103887	2021103972 2021104252 2021104388
<b><u>G01S 3 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>G16H 80 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04B 3 /-</u></b>
2021103816	2021103348 2021103403	2021103648		2021103887	
<b><u>G01T 7 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2021103601	<b><u>H01Q 9 /-</u></b>	2021104388
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<b><u>G02C 5 /-</u></b>	2021103563 2021103781 2021103858		2021103348	<b><u>H01R 11 /-</u></b>	2021103348 2021103643 2021103738
2021103507		<b><u>G06T 17 /-</u></b>	<b><u>G21C 15 /-</u></b>	2021103776	
<b><u>G05B 13 /-</u></b>	<b><u>G06F 30 /-</u></b>	2021103699	2021103676	<b><u>H01R 13 /-</u></b>	<b><u>H04L 25 /-</u></b>
2021102649 2021102937 2021103506 2021103669 2021103722	2021103225	<b><u>G06T 7 /-</u></b>	<b><u>H01B 1 /-</u></b>	2021104069	2021104388
	<b><u>G06F 40 /-</u></b>	2021103499 2021103625	2021103357	<b><u>H01R 24 /-</u></b>	<b><u>H04L 29 /-</u></b>
	2021103341 2021103544		<b><u>H01H 1 /-</u></b>	2021104069	2021103348 2021103490 2021103530 2021103643
<b><u>G05B 15 /-</u></b>	<b><u>G06K 7 /-</u></b>	<b><u>G08B 13 /-</u></b>	2021103776	<b><u>H01R 31 /-</u></b>	
2021103506	2021102047	2021103548	<b><u>H01H 13 /-</u></b>	2021104069	<b><u>H04L 9 /-</u></b>
<b><u>G05B 17 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G08B 21 /-</u></b>	2021104069	<b><u>H01R 4 /-</u></b>	2021103403 2021103601
2021103506 2021103722	2021102047 2021103499 2021103548 2021103555 2021103578 2021103625 2021103781 2021103787	2021103490 2021103548	<b><u>H01H 3 /-</u></b>	2021103776	<b><u>H04N 21 /-</u></b>
<b><u>G05B 19 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>G08B 25 /-</u></b>	2021103776	<b><u>H01S 5 /-</u></b>	2021103695
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	<b><u>G08B 27 /-</u></b>	<b><u>G08B 27 /-</u></b>	2021103357	<b><u>H02J 3 /-</u></b>	<b><u>H04Q 11 /-</u></b>
	2021103787	2021103669	<b><u>H01L 33 /-</u></b>	2021103506 2021103722	2021103972
<b><u>G05B 23 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G08B 29 /-</u></b>	2021103713	<b><u>H02J 50 /-</u></b>	<b><u>H04Q 9 /-</u></b>
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<b><u>G05B 9 /-</u></b>		<b><u>G08B 31 /-</u></b>	2021103254 2021103590		<b><u>H04R 1 /-</u></b>
2021103669	<b><u>G06N 3 /-</u></b>	2021103427 2021103669	<b><u>H01M 4 /-</u></b>	<b><u>H02J 7 /-</u></b>	2021103858
<b><u>G05D 1 /-</u></b>	2021103341 2021103555 2021103625 2021103669 2021103738 2021103765 2021103787	<b><u>G08B 5 /-</u></b>	2021103254 2021103590 2021103649	2021103661	<b><u>H04R 19 /-</u></b>
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<b><u>G05D 3 /-</u></b>		<b><u>G08B 7 /-</u></b>	<b><u>H01Q 1 /-</u></b>	2021103630	<b><u>H04R 31 /-</u></b>
2021103722		2021103548	2021101727 2021103887	<b><u>H03H 11 /-</u></b>	2021103411
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2021103722	2021103544 2021103669	2021103490 2021103530	2021103887	<b><u>H03H 17 /-</u></b>	2021103411
<b><u>G06F 11 /-</u></b>		<b><u>G09G 3 /-</u></b>	<b><u>H01Q 15 /-</u></b>	2021102937	<b><u>H04W 12 /-</u></b>
2021103348	<b><u>G06Q 10 /-</u></b>	2021103552	2021101727	<b><u>H03H 19 /-</u></b>	2021103348
<b><u>G06F 119 /-</u></b>	2021103348 2021103427 2021103512 2021103648	<b><u>G09G 5 /-</u></b>	<b><u>H01Q 17 /-</u></b>	2021102937	<b><u>H04W 24 /-</u></b>
2021103506		2021103552	2021103887	<b><u>H03H 7 /-</u></b>	2021103738
<b><u>G06F 16 /-</u></b>		2021103552		2021102937	<b><u>H04W 28 /-</u></b>
2021103403					2021103738

Innovation Patents Open to Public Inspection - IPC Index cont'd

**H04W 4 /-**

2021103490  
2021103669  
2021103738  
2021103777

**H04W 40 /-**

2021103730

**H04W 72 /-**

2021103738

**H04W 76 /-**

2021103972

**H04W 84 /-**

2021103490  
2021103730

**H05B 6 /-**

2021103122

**H05K 7 /-**

2021103683

**No IPC Mark**

PCT applications which have entered the National Phase

Name Index

- . (\*) Title not in Roman characters
- . (\*\*) Title not given

---

(71) 2 Circle, Inc.  
 (11) AU-A-2020217804  
 (21) 2020217804 (22) 07.02.2020  
 (54) Reconstruction and assessment of proficiency in an integrated debrief by a server in a network  
 (51) Int. Cl.  
*B60R 1/00* ( 2006.01 )  
*G06F 11/00* ( 2006.01 )  
*G07C 5/08* ( 2006.01 )  
*G07C 5/12* ( 2006.01 )  
 (87) WO2020/163781  
 (31) 62/802,542 (32) 07.02.19 (33) US  
 (43) 13.08.2020  
 (72) HARRIS, David; GILROY, Bradford  
 (74) Baxter Patent Attorneys Pty Ltd

---

(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2019427806  
 (21) 2019427806 (22) 25.09.2019  
 (54) Analyte sensors and sensing methods for detecting creatinine  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*A61B 5/1473* ( 2006.01 )  
*A61B 5/1486* ( 2006.01 )  
 (87) WO2020/159584  
 (31) 62/797,566 (32) 28.01.19 (33) US  
 62/884,869 09.08.19 US  
 62/884,841 09.08.19 US  
 16/582,583 25.09.19 US  
 (43) 06.08.2020  
 (72) OUYANG, Tianmei; FELDMAN, Benjamin J.; CHO, Hyun  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2020214230  
 (21) 2020214230 (22) 28.01.2020  
 (54) Analyte sensors employing multiple enzymes and methods associated therewith  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*A61B 5/1486* ( 2006.01 )  
 (87) WO2020/159927  
 (31) 62/797,566 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
 (72) OJA, Stephen; OUYANG, Tianmei; CHO, Hyun; TRAN, Lam N.; FELDMAN, Benjamin J.; SLOAN, Mark K.; KUMAR, Ashwin; KIAIE, Namvar; LOVE, Michael R.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Abey Australia Pty. Ltd.  
 (11) AU-A-2020213608  
 (21) 2020213608 (22) 31.01.2020  
 (54) Turning station

(51) Int. Cl.  
*B65G 47/248* ( 2006.01 )  
*B65G 47/244* ( 2006.01 )  
*B65G 47/80* ( 2006.01 )  
*B65G 47/90* ( 2006.01 )  
 (87) WO2020/154771  
 (31) 2019900312 (32) 01.02.19 (33) AU  
 (43) 06.08.2020  
 (72) KITTUR, Venkatesh  
 (74) Spruson & Ferguson

---

(71) Abiomed, Inc.  
 (11) AU-A-2020216121  
 (21) 2020216121 (22) 28.01.2020  
 (54) Internal balloon sheath  
 (51) Int. Cl.  
*A61M 25/06* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )  
*A61M 25/02* ( 2006.01 )  
*A61M 25/04* ( 2006.01 )  
*A61M 25/10* ( 2013.01 )  
 (87) WO2020/159921  
 (31) 62/797,527 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
 (72) FANTUZZI, Glen R.  
 (74) Davies Collison Cave Pty Ltd

---

(71) Abiomed Europe GmbH  
 (11) AU-A-2020243000  
 (21) 2020243000 (22) 13.03.2020  
 (54) Blood pump  
 (51) Int. Cl.  
*A61M 60/135* ( 2021.01 )  
*A61M 60/422* ( 2021.01 )  
 (87) WO2020/187797  
 (31) 19163670.3 (32) 19.03.19 (33) EP  
 (43) 24.09.2020  
 (72) GRAUWINKEL, Marius; KERKHOFFS, Wolfgang  
 (74) Shelston IP Pty Ltd.

---

(71) AC Immune S.A.; Janssen Pharmaceuticals, Inc.  
 (11) AU-A-2020219804  
 (21) 2020219804 (22) 07.02.2020  
 (54) Method of safe administration of phosphorylated Tau peptide vaccine  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (87) WO2020/163730  
 (31) 62/802,870 (32) 08.02.19 (33) US  
 (43) 13.08.2020  
 (72) PFEIFER, Andrea; MUHS, Andreas; PIHLGREN BOSCH, Maria; VUKICEVIC VERHILLE, Marija; PIOT, Nicolas; GHIMIRE, Saroj Raj; RAMSBURG, Elizabeth Anne; DE MARCO, Donata; SADAKA, Charlotte  
 (74) Shelston IP Pty Ltd.

---

(71) Adverum Biotechnologies, Inc.  
 (11) AU-A-2020231505  
 (21) 2020231505 (22) 04.03.2020  
 (54) Sequential intravitreal administration of AAV gene therapy to contralateral eyes  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C07K 16/22* ( 2006.01 )  
 (87) WO2020/180951  
 (31) 62/813,597 (32) 04.03.19 (33) US  
 62/839,457 26.04.19 US  
 (43) 10.09.2020  
 (72) CEPEDA, Diana; GASMI, Mehdi  
 (74) AJ PARK

---

(71) Aeroqual Ltd.  
 (11) AU-A-2020213747  
 (21) 2020213747 (22) 30.01.2020  
 (54) Method for calibrating networks of environmental sensors  
 (51) Int. Cl.  
*G01N 33/00* ( 2006.01 )  
 (87) WO2020/157582  
 (31) 62/798,580 (32) 30.01.19 (33) US  
 (43) 06.08.2020  
 (72) HENSHAW, Geoffrey Stephen; WILLIAMS, David Edward; MILES, Elaine; MISKELL, Georgia; WEISSERT, Lena  
 (74) Spruson & Ferguson

---

(71) Aesculus Bio ApS  
 (11) AU-A-2020207527  
 (21) 2020207527 (22) 07.01.2020  
 (54) Defensin fragments for use in therapy or prophylaxis  
 (51) Int. Cl.  
*A61K 38/08* ( 2019.01 )  
*A61K 38/10* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
*C07K 11/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
 (87) WO2020/144166  
 (31) 10 2019 100 230.3 (32) 07.01.19 (33) DE  
 10 2019 108 626.4 02.04.19 DE  
 (43) 16.07.2020  
 (72) WEHKAMP, Jan; EHMANN, Dirk  
 (74) FB Rice Pty Ltd

---

(71) Akoya Biosciences, Inc.  
 (11) AU-A-2020205664  
 (21) 2020205664 (22) 08.01.2020  
 (54) Flexible detection systems  
 (51) Int. Cl.  
*G01N 21/64* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*G01N 21/62* ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- G01N 33/58** ( 2006.01 )  
**(87)** WO2020/146552  
**(31)** 62/789,935 **(32)** 08.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** KENNEDY-DARLING, Julia; KIM, Joseph; DAKSHINAMOORTHY, Gajalakshmi; MCKELLIGON, Brian  
**(74)** FB Rice Pty Ltd
- 
- (71)** Aligos Therapeutics, Inc.  
**(11)** AU-A-2020221839  
**(21)** 2020221839 **(22)** 12.02.2020  
**(54)** Bicyclic sulfonamides  
**(51)** Int. Cl.  
**C07D 513/04** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 31/20** ( 2006.01 )  
**C07D 515/04** ( 2006.01 )  
**(87)** WO2020/167984  
**(31)** 62/805,725 **(32)** 14.02.19 **(33)** US  
**(43)** 20.08.2020  
**(72)** BEIGELMAN, Leonid; SMITH, David Bernard  
**(74)** Spruson & Ferguson
- 
- (71)** Allogene Therapeutics, Inc.; Pfizer Inc.  
**(11)** AU-A-2020231308  
**(21)** 2020231308 **(22)** 27.02.2020  
**(54)** DLL3 targeting chimeric antigen receptors and binding agents  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2020/180591  
**(31)** 62/812,585 **(32)** 01.03.19 **(33)** US  
 62/969,976 04.02.20 US  
**(43)** 10.09.2020  
**(72)** ZHANG, Yi; VAN BLARCOM, Thomas John; PANOWSKI, Siler; TACHEVA-GRIGOROVA, Silvia K.; SASU, Barbra Johnson  
**(74)** Spruson & Ferguson
- 
- (71)** Allogene Therapeutics, Inc.  
**(11)** AU-A-2020232597  
**(21)** 2020232597 **(22)** 28.02.2020  
**(54)** Constitutively active chimeric cytokine receptors  
**(51)** Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**(87)** WO2020/180694  
**(31)** 62/812,911 **(32)** 01.03.19 **(33)** US  
 62/980,823 24.02.20 US  
**(43)** 10.09.2020  
**(72)** LIN, Regina Junhui; VAN BLARCOM, Thomas John; PANOWSKI, Siler; SASU, Barbra Johnson  
**(74)** Spruson & Ferguson
- 
- (71)** Altavant Sciences GmbH  
**(11)** AU-A-2020213746  
**(21)** 2020213746 **(22)** 30.01.2020  
**(54)** A dosage regime and method for treating pulmonary arterial hypertension with rodatristat ethyl  
**(51)** Int. Cl.  
**A61K 31/506** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**(87)** WO2020/157577  
**(31)** 62/798,827 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** PALACIOS, Michelle; GAUKEL, Eric J.; WRING, Stephen A.; ALONSO-GALICIA, Magdalena  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** alytas therapeutics GmbH  
**(11)** AU-A-2020223507  
**(21)** 2020223507 **(22)** 13.02.2020  
**(54)** Means for specifically eliminating per-ilipin-1 fragment presenting adipocytes  
**(51)** Int. Cl.  
**A61P 3/04** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**(87)** WO2020/165366  
**(31)** 19156940.9 **(32)** 13.02.19 **(33)** EP  
**(43)** 20.08.2020  
**(72)** SCHMIDT, Martin; LEMKE, Cornelius Alfred Rudolf; BAUMANN, Ulrich-Eckehard  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Ambrx, Inc.  
**(11)** AU-A-2020223031  
**(21)** 2020223031 **(22)** 12.02.2020  
**(54)** Compositions containing, methods and uses of antibody-TLR agonist conjugates  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2020/168017  
**(31)** 62/804,742 **(32)** 12.02.19 **(33)** US  
**(43)** 20.08.2020  
**(72)** MOON, Sung-Ju; LEON, Brian; KANG, Mingchao; KNUDSEN, Nickolas; WANG, Jianing; SAKAMURI, Sukumar; TIAN, Feng  
**(74)** FB Rice Pty Ltd
- 
- (71)** American Sterilizer Company  
**(11)** AU-A-2020262262  
**(21)** 2020262262 **(22)** 23.04.2020  
**(54)** System and method for identification of illumination abnormalities and automatic compensation therefor  
**(51)** Int. Cl.  
**A61B 90/30** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
**F21W 131/205** ( 2006.01 )  
**(87)** WO2020/219614  
**(31)** 16/393,168 **(32)** 24.04.19 **(33)** US  
**(43)** 29.10.2020  
**(72)** HOLLOPETER, Michael; COOK, Ian Hugh  
**(74)** Armour IP Pty Ltd
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2020221372  
**(21)** 2020221372 **(22)** 14.02.2020  
**(54)** Systems and methods for preparing a sample and performing a real-time assay of the sample  
**(51)** Int. Cl.  
**B01D 15/24** ( 2006.01 )  
**G01N 30/06** ( 2006.01 )  
**G01N 30/84** ( 2006.01 )  
**G01N 30/88** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2020/168156  
**(31)** 62/951,346 **(32)** 20.12.19 **(33)** US  
 62/805,902 14.02.19 US  
**(43)** 20.08.2020  
**(72)** WU, Chao-Hsiang; XUE, Gang; SARICH, Brandon Zachary; BERKE, Michael R.; SEBASTAIN, Jacob; CHAN, Pik  
**(74)** Spruson & Ferguson
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2020231509  
**(21)** 2020231509 **(22)** 04.03.2020  
**(54)** In vivo reversibility of high molecular weight species  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2020/180967  
**(31)** 62/944,758 **(32)** 06.12.19 **(33)** US  
 62/813,529 04.03.19 US  
**(43)** 10.09.2020  
**(72)** XIANG, Dong; ZHANG, Qingchun; JOUBERT, Marisa; MUNRO, Trent C.; DE GUZMAN, Ronandro  
**(74)** Spruson & Ferguson
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2020240034  
**(21)** 2020240034 **(22)** 18.03.2020  
**(54)** Alternate detergents for viral inactivation  
**(51)** Int. Cl.  
**C07K 1/14** ( 2006.01 )  
**C07K 1/36** ( 2006.01 )  
**(87)** WO2020/190985  
**(31)** 62/820,330 **(32)** 19.03.19 **(33)** US  
**(43)** 24.09.2020  
**(72)** PERELL, Gabriella; DANESHVAR, Rosa; KOPP, Martina  
**(74)** Spruson & Ferguson
- 
- (71)** Angel Group Co., Ltd.  
**(11)** AU-A-2019426475  
**(21)** 2019426475 **(22)** 02.08.2019  
**(54)** Management system  
**(51)** Int. Cl.  
**A63F 9/00** ( 2006.01 )  
**A63F 13/80** ( 2014.01 )  
**(87)** WO2020/158014  
**(31)** 2019-028885 **(32)** 31.01.19 **(33)** JP  
 2019-045249 21.02.19 JP  
 2019-106546 20.05.19 JP  
**(43)** 06.08.2020  
**(72)** SHIGETA, Yasushi  
**(74)** Davies Collison Cave Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Angel Group Co., Ltd.  
 (11) AU-A-2019426480  
 (21) 2019426480 (22) 19.09.2019  
 (54) Game table reading system  
 (51) Int. Cl.  
**A63F 9/00** ( 2006.01 )  
**A63F 1/06** ( 2006.01 )  
**A63F 3/00** ( 2006.01 )  
**G06K 19/04** ( 2006.01 )  
**G06Q 50/10** ( 2012.01 )  
 (87) WO2020/158039  
 (31) PCT/ (32) 02.08.19 (33) JP  
 JP2019/030491  
 2019-028885 31.01.19 JP  
 2019-045249 21.02.19 JP  
 2019-106546 20.05.19 JP  
 (43) 06.08.2020  
 (72) SHIGETA, Yasushi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Angel Group Co., Ltd.  
 (11) AU-A-2019427194  
 (21) 2019427194 (22) 30.07.2019  
 (54) Management system  
 (51) Int. Cl.  
**A63F 13/80** ( 2014.01 )  
 (87) WO2020/158013  
 (31) 2019-106546 (32) 20.05.19 (33) JP  
 2019-028885 31.01.19 JP  
 2019-045249 21.02.19 JP  
 (43) 06.08.2020  
 (72) SHIGETA, Yasushi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Angel Group Co., Ltd.  
 (11) AU-A-2019427717  
 (21) 2019427717 (22) 04.12.2019  
 (54) Management system  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
**A63F 3/00** ( 2006.01 )  
**A63F 9/00** ( 2006.01 )  
**G06K 19/04** ( 2006.01 )  
**G06Q 50/10** ( 2012.01 )  
 (87) WO2020/158177  
 (31) PCT/ (32) 02.08.19 (33) JP  
 JP2019/030491  
 2019-028885 31.01.19 JP  
 2019-045249 21.02.19 JP  
 2019-106546 20.05.19 JP  
 (43) 06.08.2020  
 (72) SHIGETA, Yasushi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Anhui Biox Vision Biological Technology Co., Ltd.  
 (11) AU-A-2019461286  
 (21) 2019461286 (22) 09.08.2019  
 (54) Anti-VEGF-anti-PD1 bispecific antibody with new-type structure  
 (51) Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
 (87) WO2021/026685
- (43) 18.02.2021  
 (72) WANG, Guoxing; CHENG, Liansheng; HU, Siyi; YUAN, Hong; WU, Ting; FAN, Li  
 (74) Shelston IP Pty Ltd.
- 
- (71) Aphea.Bio NV  
 (11) AU-A-2020218845  
 (21) 2020218845 (22) 10.02.2020  
 (54) Means and methods for improving plant growth and yield  
 (51) Int. Cl.  
**A01N 63/20** ( 2020.01 )  
**A01P 21/00** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
 (87) WO2020/161352  
 (31) 19156275.0 (32) 08.02.19 (33) EP  
 (43) 13.08.2020  
 (72) VIAENE, Tom; GOORMACHTIG, Sofie; SIMON, Thomas; GHODSALAVI, Behnoush; VANDENABEELE, Steven; VERCAUTEREN, Isabel  
 (74) Adams Pluck
- 
- (71) Applied Medical Resources Corporation  
 (11) AU-A-2020227757  
 (21) 2020227757 (22) 26.02.2020  
 (54) Surgical stapling instrument having a two-position lockout mechanism  
 (51) Int. Cl.  
**A61B 17/072** ( 2006.01 )  
 (87) WO2020/176649  
 (31) 62/811,457 (32) 27.02.19 (33) US  
 (43) 03.09.2020  
 (72) ROBERTS, Thomas M.B.; HOPKINS, Timothy M.; QUINTANA, Quinton A.  
 (74) Griffith Hack
- 
- (71) Aries Gasification, LLC  
 (11) AU-A-2020297273  
 (21) 2020297273 (22) 26.02.2020  
 (54) A universal feeder for a gasification reactor  
 (51) Int. Cl.  
**C10J 3/46** ( 2006.01 )  
**B01J 8/18** ( 2006.01 )  
**C02F 11/10** ( 2006.01 )  
**C10K 1/02** ( 2006.01 )  
 (87) WO2020/256798  
 (31) 16/445,118 (32) 18.06.19 (33) US  
 16/723,538 20.12.19 US  
 (43) 24.12.2020  
 (72) KELFKENS, Renu; DAVIS, Brandon  
 (74) Spruson & Ferguson
- 
- (71) Asimov, Inc.  
 (11) AU-A-2020205621  
 (21) 2020205621 (22) 07.01.2020  
 (54) Compositions of polynucleic acid vectors and uses thereof  
 (51) Int. Cl.  
**C12N 15/66** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
 (87) WO2020/146319  
 (31) 62/790,343 (32) 09.01.19 (33) US
- (43) 16.07.2020  
 (72) NIELSEN, Alec A.K.; TARASOVA, Yekaterina; DELHAGEN, Amber Marie  
 (74) Spruson & Ferguson
- 
- (71) Asklepios Biopharmaceutical, Inc.  
 (11) AU-A-2020207252  
 (21) 2020207252 (22) 07.01.2020  
 (54) A method of treating cystic fibrosis  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
 (87) WO2020/146381  
 (31) 62/789,797 (32) 08.01.19 (33) US  
 62/865,731 24.06.19 US  
 62/870,358 03.07.19 US  
 (43) 16.07.2020  
 (72) O' CALLAGHAN, Michael W.  
 (74) FB Rice Pty Ltd
- 
- (71) Asymptote Ltd  
 (11) AU-A-2020230753  
 (21) 2020230753 (22) 28.02.2020  
 (54) Closed tissue disaggregation and cryo-preservation  
 (51) Int. Cl.  
**C12M 3/08** ( 2006.01 )  
 (87) WO2020/177920  
 (31) 1902763.0 (32) 01.03.19 (33) GB  
 1904249.8 27.03.19 GB  
 (43) 10.09.2020  
 (72) MORRIS, George John; LAMB, Stephen  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Austin Research Labs Corp.  
 (11) AU-A-2020208357  
 (21) 2020208357 (22) 15.01.2020  
 (54) High load dispersions and uses thereof  
 (51) Int. Cl.  
**A23K 10/18** ( 2016.01 )  
**A23K 10/30** ( 2016.01 )  
**A23K 10/37** ( 2016.01 )  
 (87) WO2020/150319  
 (31) 62/792,976 (32) 16.01.19 (33) US  
 (43) 23.07.2020  
 (72) SUPAMAHTORN, Jai; MCMILLAN, Lauren  
 (74) Spruson & Ferguson
- 
- (71) Avent, Inc.  
 (11) AU-A-2020215649  
 (21) 2020215649 (22) 27.01.2020  
 (54) Respiratory access assembly with improved seal assembly  
 (51) Int. Cl.  
**A61M 16/04** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )  
 (87) WO2020/159840  
 (31) 16/263,375 (32) 31.01.19 (33) US  
 (43) 06.08.2020  
 (72) MADSEN, Edward B.; MITCHELL, Angela G.  
 (74) Spruson & Ferguson

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Avent, Inc.  
 (11) AU-A-2020228971  
 (21) 2020228971 (22) 11.02.2020  
 (54) Multi-headed catheter for fluid delivery  
 (51) Int. Cl.  
*A61M 27/00* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )  
*A61M 25/06* ( 2006.01 )  
*A61M 25/10* ( 2013.01 )  
 (87) WO2020/176243  
 (31) 16/286,755 (32) 27.02.19 (33) US  
 (43) 03.09.2020  
 (72) KHALAJ, Steve S.; SCHEPIS, Eric A.;  
 MINA, Thomas D.  
 (74) Spruson & Ferguson
- 
- (71) Avent, Inc.  
 (11) AU-A-2020229690  
 (21) 2020229690 (22) 11.02.2020  
 (54) Catheter placing instrument  
 (51) Int. Cl.  
*A61M 25/01* ( 2006.01 )  
 (87) WO2020/176244  
 (31) 16/286,769 (32) 27.02.19 (33) US  
 (43) 03.09.2020  
 (72) KHALAJ, Steve S.; SCHEPIS, Eric A.;  
 MINA, Thomas D.  
 (74) Spruson & Ferguson
- 
- (71) B1 Institute of Image Technology, Inc.  
 (11) AU-A-2019416633  
 (21) 2019416633 (22) 30.12.2019  
 (54) Intra prediction-based video encoding/decoding method and device  
 (51) Int. Cl.  
*H04N 19/11* ( 2014.01 )  
*H04N 19/105* ( 2014.01 )  
*H04N 19/119* ( 2014.01 )  
*H04N 19/122* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/593* ( 2014.01 )  
 (87) WO2020/139060  
 (31) 10-2018-0173164 (32) 28.12.18 (33) KR  
 10-2018-0173228 29.12.18 KR  
 (43) 02.07.2020  
 (72) KIM, Ki Baek  
 (74) FB Rice Pty Ltd
- 
- (71) BASF Agricultural Solutions Seed US  
 LLC  
 (11) AU-A-2020221290  
 (21) 2020221290 (22) 14.02.2020  
 (54) Clubroot resistant brassica plants  
 (51) Int. Cl.  
*A01H 1/02* ( 2006.01 )  
*A01H 1/00* ( 2006.01 )  
*A01H 1/04* ( 2006.01 )  
*A01H 5/10* ( 2018.01 )  
*C12N 15/29* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
 (87) WO2020/168166  
 (31) 19157382.3 (32) 15.02.19 (33) EP  
 (43) 20.08.2020  
 (72) NGUYEN, Thi Ninh Thuan; CHONGO,  
 Godfrey; DEVLAMYNCK, Jasper;  
 WAGNER, Geoffrey  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BASF Coatings GmbH  
 (11) AU-A-2020215098  
 (21) 2020215098 (22) 30.01.2020  
 (54) Method and device for detecting and  
 adjusting decorative colour formulations  
 in alignment with the visual perception  
 of texture characteristics  
 (51) Int. Cl.  
*G01J 3/46* ( 2006.01 )  
*G01J 3/50* ( 2006.01 )  
*G01N 21/25* ( 2006.01 )  
*G01N 21/47* ( 2006.01 )  
*G06F 16/583* ( 2019.01 )  
*G06T 7/00* ( 2017.01 )  
*G06T 7/40* ( 2017.01 )  
 (87) WO2020/157244  
 (31) 19154898.1 (32) 31.01.19 (33) EP  
 (43) 06.08.2020  
 (72) BISCHOFF, Guido  
 (74) Griffith Hack
- 
- (71) BASF SE  
 (11) AU-A-2020215227  
 (21) 2020215227 (22) 27.01.2020  
 (54) Cosmetic composition of liquid crystal  
 lipid particles for personal care applica-  
 tions  
 (51) Int. Cl.  
*A61K 8/34* ( 2006.01 )  
*A61K 8/14* ( 2006.01 )  
*A61K 8/37* ( 2006.01 )  
*A61K 8/39* ( 2006.01 )  
*A61K 8/44* ( 2006.01 )  
*A61K 8/45* ( 2006.01 )  
*A61K 8/46* ( 2006.01 )  
*A61K 8/86* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
 (87) WO2020/156983  
 (31) PCT/ (32) 30.01.19 (33) CN  
 CN2019/073861  
 19160977.5 06.03.19 EP  
 (43) 06.08.2020  
 (72) LIU, Zhao Ting; ZHANG, Yang; LEE,  
 Dong Ryeol; RAO, Zhi; ZHAO, Na  
 (74) Griffith Hack
- 
- (71) BASF SE  
 (11) AU-A-2020231030  
 (21) 2020231030 (22) 03.03.2020  
 (54) Mixture of octene hydroformylation by-  
 product and diesel, kereosene or C8-  
 C20 olefines as collectors  
 (51) Int. Cl.  
*B03D 1/006* ( 2006.01 )  
*B03D 1/008* ( 2006.01 )  
*B03D 1/004* ( 2006.01 )  
 (87) WO2020/178262  
 (31) PCT/ (32) 05.03.19 (33) CN  
 CN2019/077005  
 19168108.9 09.04.19 EP  
 (43) 10.09.2020  
 (72) DICKIE, Scott; BAI, Qian; VILLANUEVA  
 BERINDOAGUE, Adrian Mauricio; MI-  
 CHAILOVSKI, Alexej  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Battelle Memorial Institute  
 (11) AU-A-2020218373  
 (21) 2020218373 (22) 10.02.2020  
 (54) Sampling for monitoring per- and poly-  
 fluoroalkyl substances (pfas) in surface  
 water, groundwater and pore water  
 (51) Int. Cl.  
*B09C 1/00* ( 2006.01 )  
*B01J 20/26* ( 2006.01 )  
*C02F 1/28* ( 2006.01 )  
 (87) WO2020/163877  
 (31) 62/803,581 (32) 10.02.19 (33) US  
 62/869,623 02.07.19 US  
 62/900,109 13.09.19 US  
 (43) 13.08.2020  
 (72) KALTENBERG, Eliza M.; PALA,  
 Franco; DASU, Kavitha; GRIESEMER,  
 Fred; WESTLAKE, Bradley; NANES,  
 George  
 (74) Michael Buck IP
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2020209221  
 (21) 2020209221 (22) 16.01.2020  
 (54) Confirmation of catheter placement  
 within a vein  
 (51) Int. Cl.  
*A61M 25/00* ( 2006.01 )  
*A61M 25/06* ( 2006.01 )  
 (87) WO2020/150483  
 (31) 62/794,439 (32) 18.01.19 (33) US  
 16/741,911 14.01.20 US  
 (43) 23.07.2020  
 (72) MA, Yiping; ISAACSON, S. Ray;  
 HARDING, Weston F.; SPATARO,  
 Joseph; TRAN, Huy; BURKHOLZ,  
 Jonathan Karl; NATESAN, Mohanku-  
 mar; CHENG, Kiat Jin; WILLYBIRO,  
 Kathryn  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company;  
 Bansal, N.  
 (11) AU-A-2020215502  
 (21) 2020215502 (22) 21.01.2020  
 (54) Oligonucleotide-comprising cellular  
 component-binding reagents and meth-  
 ods of using the same  
 (51) Int. Cl.  
*C12Q 1/6813* ( 2018.01 )  
*C12Q 1/686* ( 2018.01 )  
 (87) WO2020/159757  
 (31) 62/797,903 (32) 28.01.19 (33) US  
 62/852,778 24.05.19 US  
 (43) 06.08.2020  
 (72) BANSAL, Nidhanjali; NAKAMOTO,  
 Margaret; SHUM, Eleen; CHANG,  
 Christina  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2020219044  
 (21) 2020219044 (22) 04.02.2020  
 (54) System, method, and product for identi-  
 fying a lumen  
 (51) Int. Cl.  
*G16H 20/17* ( 2018.01 )  
*G16H 40/20* ( 2018.01 )  
*G16H 40/60* ( 2018.01 )

PCT applications which have entered the National Phase - Name Index cont'd

<p><b>(87)</b> WO2020/163304 <b>(31)</b> 62/800,609 <b>(43)</b> 13.08.2020 <b>(72)</b> ISAACSON, Ray <b>(74)</b> FB Rice Pty Ltd</p>	<p><b>(32)</b> 04.02.19 <b>(33)</b> US</p> <p>PCT/ CN2019/079396</p> <p>PCT/ CN2019/079431</p> <p>PCT/ CN2019/079769</p>	<p>24.03.19 CN 25.03.19 CN 26.03.19 CN</p>	<p><b>C22B 7/00</b> ( 2006.01 ) <b>C22B 26/12</b> ( 2006.01 ) <b>H01M 6/52</b> ( 2006.01 ) <b>H01M 10/052</b> ( 2010.01 ) <b>H01M 10/054</b> ( 2010.01 ) <b>H01M 10/0565</b> ( 2010.01 )</p>
<p><b>(71)</b> Becton, Dickinson and Company <b>(11)</b> AU-A-2020219832 <b>(21)</b> 2020219832 <b>(54)</b> System, method, and product for event monitoring <b>(51)</b> Int. Cl.</p>	<p><b>(72)</b> ZHANG, Kai; ZHANG, Li; LIU, Hongbin; XU, Jizheng; WANG, Yue <b>(74)</b> Griffith Hack</p>		<p><b>(87)</b> WO2020/161339 <b>(31)</b> FR1901268 <b>(43)</b> 13.08.2020 <b>(72)</b> DESCHAMPS, Marc; BODENEZ, Vincent <b>(74)</b> Davies Collison Cave Pty Ltd</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226565 <b>(21)</b> 2020226565 <b>(54)</b> Neighbouring sample selection for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/103</b> ( 2014.01 ) <b>H04N 19/159</b> ( 2014.01 )</p>	<p><b>(71)</b> Bellerophon Therapeutics <b>(11)</b> AU-A-2020209661 <b>(21)</b> 2020209661 <b>(54)</b> Combination drug therapies of PDE-5 inhibitors and inhaled nitric oxide <b>(51)</b> Int. Cl. <b>A61M 16/20</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/150195 <b>(31)</b> 62/792,329 <b>(43)</b> 23.07.2020 <b>(72)</b> SHAH, Parag; FERNANDES, Peter Paul; KIM, Bobae <b>(74)</b> Shelston IP Pty Ltd.</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226565 <b>(21)</b> 2020226565 <b>(54)</b> Neighbouring sample selection for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/103</b> ( 2014.01 ) <b>H04N 19/159</b> ( 2014.01 )</p>	<p><b>(71)</b> Belvac Production Machinery, Inc. <b>(11)</b> AU-A-2020216911 <b>(21)</b> 2020216911 <b>(54)</b> Quick-change split shaft <b>(51)</b> Int. Cl. <b>F16D 1/10</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/159894 <b>(31)</b> 62/797,514 <b>(43)</b> 06.08.2020 <b>(72)</b> REYNOLDS, William Storrs <b>(74)</b> Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Bio Minerals NV <b>(11)</b> AU-A-2020223517 <b>(21)</b> 2020223517 <b>(54)</b> Combination of silicon and magnesium for the prevention and treatment of muscle cramps <b>(51)</b> Int. Cl. <b>A61K 31/695</b> ( 2006.01 ) <b>A61K 31/80</b> ( 2006.01 ) <b>A61K 33/00</b> ( 2006.01 ) <b>A61K 33/06</b> ( 2006.01 ) <b>A61P 21/02</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/162990 <b>(31)</b> 62/803,330 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> COOLSAET, Boudewijn Louis René André; VAN VOOREN, Christianne Augusta Adolf <b>(74)</b> Golja Haines &amp; Friend</p>		<p><b>(87)</b> WO2020/165415 <b>(31)</b> 19157526.5 <b>(43)</b> 20.08.2020 <b>(72)</b> COOLSAET, Boudewijn Louis René André; VAN VOOREN, Christianne Augusta Adolf <b>(74)</b> Golja Haines &amp; Friend</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Blue Solutions <b>(11)</b> AU-A-2020219428 <b>(21)</b> 2020219428 <b>(54)</b> Method for extracting lithium from an electric battery comprising solid lithium metal <b>(51)</b> Int. Cl. <b>H01M 4/38</b> ( 2006.01 ) <b>C22B 1/00</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/163043 <b>(31)</b> 16/657,560 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Boston Scientific Neuromodulation Corporation <b>(11)</b> AU-A-2019428019 <b>(21)</b> 2019428019 <b>(54)</b> Varying stimulation parameters to prevent tissue habituation in a spinal cord stimulation system <b>(51)</b> Int. Cl. <b>A61N 1/05</b> ( 2006.01 ) <b>A61N 1/36</b> ( 2006.01 ) <b>A61N 1/372</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/162990 <b>(31)</b> 62/803,330 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Boston Scientific Neuromodulation Corporation <b>(11)</b> AU-A-2019428019 <b>(21)</b> 2019428019 <b>(54)</b> Varying stimulation parameters to prevent tissue habituation in a spinal cord stimulation system <b>(51)</b> Int. Cl. <b>A61N 1/05</b> ( 2006.01 ) <b>A61N 1/36</b> ( 2006.01 ) <b>A61N 1/372</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/162990 <b>(31)</b> 62/803,330 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Boston Scientific Neuromodulation Corporation <b>(11)</b> AU-A-2020218727 <b>(21)</b> 2020218727 <b>(54)</b> Neuromodulation therapy system delivering different sub-perception neuromodulation types <b>(51)</b> Int. Cl. <b>A61N 1/05</b> ( 2006.01 ) <b>A61N 1/36</b> ( 2006.01 ) <b>A61N 1/372</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/163043 <b>(31)</b> 16/657,560 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Boston Scientific Neuromodulation Corporation <b>(11)</b> AU-A-2020218727 <b>(21)</b> 2020218727 <b>(54)</b> Neuromodulation therapy system delivering different sub-perception neuromodulation types <b>(51)</b> Int. Cl. <b>A61N 1/05</b> ( 2006.01 ) <b>A61N 1/36</b> ( 2006.01 ) <b>A61N 1/372</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/163043 <b>(31)</b> 16/657,560 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>
<p><b>(71)</b> Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc. <b>(11)</b> AU-A-2020226566 <b>(21)</b> 2020226566 <b>(54)</b> Parameter derivation for intra prediction <b>(51)</b> Int. Cl. <b>H04N 19/186</b> ( 2014.01 ) <b>H04N 19/61</b> ( 2014.01 )</p>	<p><b>(71)</b> Boston Scientific Neuromodulation Corporation <b>(11)</b> AU-A-2020218727 <b>(21)</b> 2020218727 <b>(54)</b> Neuromodulation therapy system delivering different sub-perception neuromodulation types <b>(51)</b> Int. Cl. <b>A61N 1/05</b> ( 2006.01 ) <b>A61N 1/36</b> ( 2006.01 ) <b>A61N 1/372</b> ( 2006.01 )</p>		<p><b>(87)</b> WO2020/163043 <b>(31)</b> 16/657,560 <b>(43)</b> 13.08.2020 <b>(72)</b> MOFFITT, Michael A.; HUERTAS FERNANDEZ, Ismael <b>(74)</b> Spruson &amp; Ferguson</p>

PCT applications which have entered the National Phase - Name Index cont'd

(43) 13.08.2020  
(72) MOFFITT, Michael A.  
(74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation  
(11) AU-A-2020219714  
(21) 2020219714 (22) 13.01.2020  
(54) Fitting algorithm to determine best stimulation parameter in a spinal cord stimulation system  
(51) Int. Cl.  
A61N 1/05 ( 2006.01 )  
A61N 1/36 ( 2006.01 )  
A61N 1/372 ( 2006.01 )  
(87) WO2020/163044  
(31) 16/460,655 (32) 02.07.19 (33) US  
62/803,003 08.02.19 US  
(43) 13.08.2020  
(72) ZHANG, Tianhe; ESTELLER, Rosana  
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
(11) AU-A-2020271496  
(21) 2020271496 (22) 30.03.2020  
(54) Cutting tool cleaning accessory  
(51) Int. Cl.  
A61B 90/70 ( 2016.01 )  
(87) WO2020/210069  
(31) 62/832,746 (32) 11.04.19 (33) US  
(43) 15.10.2020  
(72) JENSRUD, Allyn N.; PFIZENMAIER, Todd M.; LALIBERTE, Kathleen M.; CAMPION, Rachael  
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
(11) AU-A-2020294607  
(21) 2020294607 (22) 10.06.2020  
(54) Hemostasis clip reduced length deployment mechanism  
(51) Int. Cl.  
A61B 17/128 ( 2006.01 )  
A61B 17/122 ( 2006.01 )  
A61B 17/00 ( 2006.01 )  
A61B 17/12 ( 2006.01 )  
A61B 90/00 ( 2016.01 )  
(87) WO2020/257026  
(31) 62/863,320 (32) 19.06.19 (33) US  
(43) 24.12.2020  
(72) CONGDON, Daniel; LEHTINEN, Laurie A.; ROBERTS, Alex  
(74) Spruson & Ferguson

(71) Boveta Nutrition LLC  
(11) AU-A-2020221246  
(21) 2020221246 (22) 12.02.2020  
(54) Diet formulations for ruminants  
(51) Int. Cl.  
A23K 20/10 ( 2016.01 )  
A23K 20/142 ( 2016.01 )  
A23K 20/147 ( 2016.01 )  
A23K 50/10 ( 2016.01 )  
G01N 33/02 ( 2006.01 )  
G16H 20/60 ( 2018.01 )  
(87) WO2020/167986  
(31) 62/805,856 (32) 14.02.19 (33) US

(43) 20.08.2020  
(72) KERLEY, Monty S.  
(74) Phillips Ormonde Fitzpatrick

(71) BrightGene Bio-Medical Technology Co., Ltd.  
(11) AU-A-2020214032  
(21) 2020214032 (22) 19.01.2020  
(54) Benzopyridone heterocyclic compound and use thereof  
(51) Int. Cl.  
C07D 401/04 ( 2006.01 )  
A61K 31/497 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2020/156285  
(31) 201910087070.8 (32) 29.01.19 (33) CN  
(43) 06.08.2020  
(72) FANG, Huaxiang; LI, Fangfang; XU, Yong; HUANG, Lu; TAO, Jinfeng  
(74) Davies Collison Cave Pty Ltd

(71) Bright Minz Pty Ltd  
(11) AU-A-2020218789  
(21) 2020218789 (22) 05.02.2020  
(54) Recovery of lithium hydroxide  
(51) Int. Cl.  
C01D 15/02 ( 2006.01 )  
C22B 3/22 ( 2006.01 )  
C22B 3/44 ( 2006.01 )  
(87) WO2020/160615  
(31) 2019900356 (32) 05.02.19 (33) AU  
(43) 13.08.2020  
(72) URBANI, Mark Daniel; VINES, Nicholas John; JOHNSON, Gary Donald  
(74) WRAYS PTY LTD

(71) Bristol Myers Squibb Company  
(11) AU-A-2020210635  
(21) 2020210635 (22) 21.01.2020  
(54) Antibodies against IL-7R alpha subunit and uses thereof  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61P 37/06 ( 2006.01 )  
A61P 43/00 ( 2006.01 )  
(87) WO2020/154293  
(31) 62/795,378 (32) 22.01.19 (33) US  
62/868,791 28.06.19 US  
(43) 30.07.2020  
(72) YAMNIUK, Aaron Paul; BRODEUR, Scott Ronald; DEYANOVA, Ekaterina; HUANG, Richard Yu-Cheng; WANG, Yun; LANGISH, Alfred Robert; CHEN, Guodong; CARL, Stephen Michael; SHEN, Hong; PASHINE, Achal Mukundrao; SU, Lin Hui  
(74) Griffith Hack

(71) Burpulis, B.; Kelso, J.  
(11) AU-A-2020214643  
(21) 2020214643 (22) 31.01.2020  
(54) Engine, system, and method of providing automated risk mitigation  
(51) Int. Cl.  
G06F 3/0484 ( 2013.01 )  
(87) WO2020/160408  
(31) 16/265,248 (32) 01.02.19 (33) US

(43) 06.08.2020  
(72) BURPULIS, Byron; KELSO, Josh  
(74) Davies Collison Cave Pty Ltd

(71) California Institute of Technology  
(11) AU-A-2019437529  
(21) 2019437529 (22) 27.03.2019  
(54) Surface-immobilized bistable polynucleotide devices for the sensing and quantification of molecular events  
(51) Int. Cl.  
C12Q 1/68 ( 2018.01 )  
C12P 19/34 ( 2006.01 )  
(87) WO2020/197554  
(43) 01.10.2020  
(72) GOPINATH, Ashwin; ROTHMUND, Paul W.K.  
(74) WRAYS PTY LTD

(71) Capital One Services, LLC  
(11) AU-A-2020216956  
(21) 2020216956 (22) 29.01.2020  
(54) Tap card to securely generate card data to copy to clipboard  
(51) Int. Cl.  
H04W 4/80 ( 2018.01 )  
G06F 9/54 ( 2006.01 )  
G06Q 20/32 ( 2012.01 )  
G06Q 20/38 ( 2012.01 )  
G06Q 20/40 ( 2012.01 )  
G07F 7/08 ( 2006.01 )  
(87) WO2020/160061  
(31) 16/265,937 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) RULE, Jeffrey; MORETON, Paul; LUTZ, Wayne; JI, Jason  
(74) Spruson & Ferguson

(71) Cardiologs Technologies SAS  
(11) AU-A-2020218863  
(21) 2020218863 (22) 03.02.2020  
(54) Electrocardiogram processing system for delineation and classification  
(51) Int. Cl.  
A61B 5/00 ( 2006.01 )  
A61B 5/316 ( 2021.01 )  
A61B 5/35 ( 2021.01 )  
A61B 5/366 ( 2021.01 )  
(87) WO2020/161605  
(31) 16/267,380 (32) 04.02.19 (33) US  
(43) 13.08.2020  
(72) LI, Jia; POMIER, Romain; SCABEL-LONE, Chiara; GAUDEFRY, Cyril; BARRE, Benjamin; FONTANARAVA, Julien; GARDELLA, Christophe; SORNAY, Mathieu; BORDIER, Thomas; PRIOR, Karen; DE SAINT VICTOR, Marie-Albane  
(74) HENRY HUGHES IP LTD

(71) CareFusion 2200, Inc.  
(11) AU-A-2020209765  
(21) 2020209765 (22) 15.01.2020  
(54) Powered hair clippers with blade assemblies including patterned rib arrays  
(51) Int. Cl.  
B26B 19/06 ( 2006.01 )



PCT applications which have entered the National Phase - Name Index cont'd

**B26B 19/38** ( 2006.01 )  
**(87)** WO2020/150318  
**(31)** 62/792,584 **(32)** 15.01.19 **(33)** US  
**(43)** 23.07.2020  
**(72)** JABER, Anas  
**(74)** Griffith Hack

**(71)** Casale SA  
**(11)** AU-A-2020230826  
**(21)** 2020230826 **(22)** 18.02.2020  
**(54)** A method for the suppression of soot formation in an ATR or POX reactor  
**(51)** Int. Cl.  
**C01B 3/36** ( 2006.01 )  
**C01B 3/38** ( 2006.01 )  
**(87)** WO2020/178018  
**(31)** 19160723.3 **(32)** 05.03.19 **(33)** EP  
**(43)** 10.09.2020  
**(72)** ZANICHELLI, Luca; COLMEGNA, Giacomo  
**(74)** Chrysiliou IP

**(71)** Cascade Corporation  
**(11)** AU-A-2020219361  
**(21)** 2020219361 **(22)** 07.02.2020  
**(54)** Slide bearing assemblies  
**(51)** Int. Cl.  
**B66F 9/00** ( 2006.01 )  
**B05C 19/00** ( 2006.01 )  
**F16C 29/00** ( 2006.01 )  
**F16C 32/00** ( 2006.01 )  
**F16C 33/02** ( 2006.01 )  
**F16C 33/12** ( 2006.01 )  
**F16C 33/20** ( 2006.01 )  
**(87)** WO2020/163769  
**(31)** 62/802,329 **(32)** 07.02.19 **(33)** US  
**(43)** 13.08.2020  
**(72)** CAMPBELL, Brian D.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2020215499  
**(21)** 2020215499 **(22)** 21.01.2020  
**(54)** System and method for determining carryback in surface haulage  
**(51)** Int. Cl.  
**B60P 1/28** ( 2006.01 )  
**B60S 3/04** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**(87)** WO2020/159742  
**(31)** 16/262,098 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** HENDRICKS, Carl F.B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2020215504  
**(21)** 2020215504 **(22)** 22.01.2020  
**(54)** System and method for managing carryback thresholds in surface haulage  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/02** ( 2012.01 )  
**G06Q 50/08** ( 2012.01 )  
**(87)** WO2020/159767  
**(31)** 16/262,126 **(32)** 30.01.19 **(33)** US

**(43)** 06.08.2020  
**(72)** HENDRICKS, Carl F.B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2020216089  
**(21)** 2020216089 **(22)** 21.01.2020  
**(54)** System and method of automated clean out of carryback in surface haulage  
**(51)** Int. Cl.  
**B60P 1/28** ( 2006.01 )  
**B60S 3/04** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**(87)** WO2020/159743  
**(31)** 16/262,106 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** HENDRICKS, Carl F.B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2020216285  
**(21)** 2020216285 **(22)** 16.01.2020  
**(54)** Detection of unintended directional movement of an articulated implement of a machine  
**(51)** Int. Cl.  
**E02F 3/84** ( 2006.01 )  
**B62D 47/02** ( 2006.01 )  
**B62D 53/08** ( 2006.01 )  
**E02F 9/08** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**(87)** WO2020/159711  
**(31)** 16/263,465 **(32)** 31.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** SHARMA, Amit  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2020216775  
**(21)** 2020216775 **(22)** 21.01.2020  
**(54)** System and method of managing carryback in surface haulage  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
**(87)** WO2020/159739  
**(31)** 16/262,145 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** HENDRICKS, Carl F. B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Celgene Corporation  
**(11)** AU-A-2020205643  
**(21)** 2020205643 **(22)** 08.01.2020  
**(54)** Antiproliferative compounds and second active agents for use in treating multiple myeloma  
**(51)** Int. Cl.  
**A61K 31/496** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/4523** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/4704** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )

**A61K 31/4985** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/5517** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/146440  
**(31)** 62/790,326 **(32)** 09.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** WONG, Lilly L.  
**(74)** FB Rice Pty Ltd

**(71)** Cellar Door Media, LLC DBA Lockr  
**(11)** AU-A-2020216787  
**(21)** 2020216787 **(22)** 22.01.2020  
**(54)** API and encryption key secrets management system and method  
**(51)** Int. Cl.  
**H04L 9/08** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2020/159774  
**(31)** 16/261,443 **(32)** 29.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** TEITZEL, Christopher; FUJIMOTO, Tynor  
**(74)** Spruson & Ferguson

**(71)** Cenna Biosciences Inc.  
**(11)** AU-A-2020207203  
**(21)** 2020207203 **(22)** 06.01.2020  
**(54)** Novel peptides and uses thereof  
**(51)** Int. Cl.  
**A61K 38/08** ( 2019.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2020/146236  
**(31)** 62/789,114 **(32)** 07.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** DEWJI, Nazneen  
**(74)** FB Rice Pty Ltd

**(71)** Changchun Genescience Pharmaceutical Co., Ltd.  
**(11)** AU-A-2020214135  
**(21)** 2020214135 **(22)** 17.01.2020  
**(54)** Humanized anti-A $\beta$  monoclonal antibody and application thereof  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/70** ( 2006.01 )  
**(87)** WO2020/156222  
**(31)** 201910104326.1 **(32)** 01.02.19 **(33)** CN  
**(43)** 06.08.2020  
**(72)** FENG, Xiao; LIANG, Yangqiu; JIN, Lei; SUN, Dawei; WANG, Tao; XIAO, Liang; LIU, Shuang; CHEN, Yuheng; LI, Zhengyi  
**(74)** WRAYS PTY LTD

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Cheer Global Limited  
(11) AU-A-2020214952  
(21) 2020214952 (22) 03.02.2020  
(54) Recombinant hemoglobins and methods of preparation and use thereof  
(51) Int. Cl.  
C07K 14/805 ( 2006.01 )  
A61K 38/42 ( 2006.01 )  
A61P 7/08 ( 2006.01 )  
(87) WO2020/156556  
(31) 62/799,829 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) KWOK, Sui Yi; WAI, Norman Fung Man; YU, Shan; WAI, Terence Shau Yin  
(74) Spruson & Ferguson
- 
- (71) Chemetall GmbH  
(11) AU-A-2020225262  
(21) 2020225262 (22) 17.02.2020  
(54) An anti-rust composition for metal surface and a method of anti-rust treatment on metal surface  
(51) Int. Cl.  
C09D 5/08 ( 2006.01 )  
C09D 7/45 ( 2018.01 )  
C09D 7/63 ( 2018.01 )  
C09D 7/65 ( 2018.01 )  
C09D 133/08 ( 2006.01 )  
C09D 133/10 ( 2006.01 )  
C09D 133/20 ( 2006.01 )  
C09D 175/06 ( 2006.01 )  
C08K 3/26 ( 2006.01 )  
C08K 5/05 ( 2006.01 )  
C08K 5/06 ( 2006.01 )  
C08K 5/095 ( 2006.01 )  
C08K 5/098 ( 2006.01 )  
C08K 5/5419 ( 2006.01 )  
C08K 5/5425 ( 2006.01 )  
C08K 5/5435 ( 2006.01 )  
(87) WO2020/169507  
(31) PCT/ (32) 21.02.19 (33) CN  
CN2019/075749  
(43) 27.08.2020  
(72) WAN, Sheng Xing; ZOU, Hai Xia  
(74) Griffith Hack
- 
- (71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.  
(11) AU-A-2020204946  
(21) 2020204946 (22) 02.01.2020  
(54) Key generation method, terminal device and network device  
(51) Int. Cl.  
H04L 9/08 ( 2006.01 )  
(87) WO2020/140926  
(31) 201910000352.X (32) 02.01.19 (33) CN  
(43) 09.07.2020  
(72) LIU, Fuwen  
(74) Golja Haines & Friend
- 
- (71) China University of Mining and Technology  
(11) AU-A-2019446069  
(21) 2019446069 (22) 03.09.2019  
(54) Generation system and method for high-precision three-dimensional navigation map of fully mechanized mining surface  
(51) Int. Cl.  
G01C 21/32 ( 2006.01 )  
E21F 13/08 ( 2006.01 )  
G01C 21/16 ( 2006.01 )  
(87) WO2020/228189  
(31) 201910397230.9 (32) 14.05.19 (33) CN  
(43) 19.11.2020  
(72) LIU, Wanli; GE, Shirong; WANG, Shibo; YI, Shixue  
(74) Adams Pluck
- 
- (71) Citrix Systems, Inc.  
(11) AU-A-2019427817  
(21) 2019427817 (22) 06.12.2019  
(54) Systems and methods for configuring the user interface of a mobile device  
(51) Int. Cl.  
G06F 3/0488 ( 2013.01 )  
G06F 1/16 ( 2006.01 )  
G06F 3/0484 ( 2013.01 )  
(87) WO2020/159619  
(31) 16/264,056 (32) 31.01.19 (33) US  
(43) 06.08.2020  
(72) ZHANG, Cheng; ZHANG, Qin  
(74) AJ PARK
- 
- (71) Citrix Systems, Inc.  
(11) AU-A-2020205090  
(21) 2020205090 (22) 02.01.2020  
(54) Tracking tainted connection agents  
(51) Int. Cl.  
G06F 21/44 ( 2013.01 )  
G06F 21/33 ( 2013.01 )  
G06F 21/53 ( 2013.01 )  
G06F 21/55 ( 2013.01 )  
G06F 21/57 ( 2013.01 )  
H04L 29/06 ( 2006.01 )  
(87) WO2020/142609  
(31) 16/238,202 (32) 02.01.19 (33) US  
(43) 09.07.2020  
(72) SINGLETON IV, Leo C.  
(74) FB Rice Pty Ltd
- 
- (71) Citrix Systems, Inc.  
(11) AU-A-2020215507  
(21) 2020215507 (22) 23.01.2020  
(54) Computer system providing context-based software as a service (SaaS) application session switching and related methods  
(51) Int. Cl.  
G06F 9/48 ( 2006.01 )  
(87) WO2020/159782  
(31) 16/264,830 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) MOMCHILOV, Georgy  
(74) Spruson & Ferguson
- 
- (71) CleanSpace IP Pty Ltd  
(11) AU-A-2020218002  
(21) 2020218002 (22) 05.02.2020  
(54) Tight fitting respirator with exhalation filter and exhalation filter for tight fitting respirator  
(51) Int. Cl.  
A62B 23/02 ( 2006.01 )  
(87) WO2020/160607
- 
- (31) 62/802,106 (32) 06.02.19 (33) US  
(43) 13.08.2020  
(72) BEARD, Jonah; VIRR, Alexander; SNOW, John; JOHNSON, Damian; BIRRELL, Alexandra  
(74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) Clemson University Research Foundation  
(11) AU-A-2019424751  
(21) 2019424751 (22) 22.01.2019  
(54) Anti-elastin antibodies and methods of use  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
A61K 38/48 ( 2006.01 )  
A61K 51/00 ( 2006.01 )  
C12N 5/16 ( 2006.01 )  
C12P 21/08 ( 2006.01 )  
G01N 33/53 ( 2006.01 )  
(87) WO2020/153940  
(43) 30.07.2020  
(72) VYAVAHARE, Narendra R.; RICE, Charles D.; NOSOUDI, Nasim; PARASARAM, Vaideesh; KARAMCHED, Saketh  
(74) Spruson & Ferguson
- 
- (71) Coherent Biopharma (Suzhou), Limited  
(11) AU-A-2020214507  
(21) 2020214507 (22) 31.01.2020  
(54) Bi-ligand drug conjugate and use thereof  
(51) Int. Cl.  
A61K 47/54 ( 2017.01 )  
A61K 47/64 ( 2017.01 )  
A61K 47/65 ( 2017.01 )  
A61P 35/00 ( 2006.01 )  
A61P 37/02 ( 2006.01 )  
(87) WO2020/156513  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073962  
202010048593.4 16.01.20 CN  
(43) 06.08.2020  
(72) HUANG, Baohua Robert; TAN, Wei; DAI, Jian; WANG, Zhongbo; LIU, Xiaodong; HU, Xinli; XIE, Xueyuan; SHAO, Jun  
(74) Eagar & Associates Pty Ltd
- 
- (71) Coloplast A/S  
(11) AU-A-2020214098  
(21) 2020214098 (22) 30.01.2020  
(54) A stomal sensor patch  
(51) Int. Cl.  
A61F 5/44 ( 2006.01 )  
A61F 5/443 ( 2006.01 )  
A61F 5/445 ( 2006.01 )  
(87) WO2020/156625  
(31) PA 2019 70070 (32) 31.01.19 (33) DK  
(43) 06.08.2020  
(72) STROEBECH, Esben  
(74) FB Rice Pty Ltd
- 
- (71) Community.Com, Inc.  
(11) AU-A-2020216545  
(21) 2020216545 (22) 03.02.2020

PCT applications which have entered the National Phase - Name Index cont'd

- (54) One to many messaging platform  
(51) Int. Cl.  
**G06F 15/16** ( 2006.01 )  
(87) WO2020/160558  
(31) 62/800,403 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) PELTIER, Matthew; ROSENHECK, Josh; HELLER, Noah; STEINGLASS, Barry; PERKINS, Lars; KOCI, Tomas; RUBIN, Alec  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Core Scientific Creations Ltd.  
(11) AU-A-2020215330  
(21) 2020215330 (22) 27.01.2020  
(54) Wound dressing compositions and methods  
(51) Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
(87) WO2020/157633  
(31) 62/797,576 (32) 28.01.19 (33) US  
(43) 06.08.2020  
(72) ELIYAHU-GROSS, Shani; YASKIL, Yuval  
(74) WRAYS PTY LTD
- 
- (71) Council of Scientific and Industrial Research  
(11) AU-A-2020211817  
(21) 2020211817 (22) 23.01.2020  
(54) Kit for detecting melanoma  
(51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
(87) WO2020/152712  
(31) 201911002903 (32) 24.01.19 (33) IN  
(43) 30.07.2020  
(72) SRIVASTAVA, Avinash; MISHRA, Rakesh K.  
(74) Spruson & Ferguson
- 
- (71) Coupang Corp.  
(11) AU-A-2020281088  
(21) 2020281088 (22) 17.07.2020  
(54) Method of controlling conveyor and electronic apparatus therefor  
(51) Int. Cl.  
**B65G 43/08** ( 2006.01 )  
(31) 10-2020-0013949 (32) 05.02.20 (33) KR  
(43) 19.08.2021  
(72) KIM, Jae Hyun; LEE, Gyung Seok; JUNG, Hyun Yop; PARK, Woo Jung  
(74) Griffith Hack
- 
- (71) Cox Powertrain Ltd.  
(11) AU-A-2020231602  
(21) 2020231602 (22) 05.03.2020  
(54) Marine outboard motor with crankcase ventilation  
(51) Int. Cl.  
**B63H 20/00** ( 2006.01 )  
**F01M 13/04** ( 2006.01 )  
**F02B 61/04** ( 2006.01 )  
(87) WO2020/178584  
(31) 1903091.5 (32) 07.03.19 (33) GB
- 
- (43) 10.09.2020  
(72) FULKER, Nile  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Daicel Corporation  
(11) AU-A-2020232494  
(21) 2020232494 (22) 10.02.2020  
(54) Surface-modified nanodiamond, nanodiamond dispersion composition, and surface-modified nanodiamond production method  
(51) Int. Cl.  
**C01B 32/28** ( 2017.01 )  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**C08L 101/00** ( 2006.01 )  
**C09C 1/44** ( 2006.01 )  
**C09D 17/00** ( 2006.01 )  
(87) WO2020/179370  
(31) 2019-040189 (32) 06.03.19 (33) JP  
(43) 10.09.2020  
(72) SHIRO, Daisuke; KUME, Atsushi  
(74) Griffith Hack
- 
- (71) Daicel Corporation  
(11) AU-A-2020249853  
(21) 2020249853 (22) 16.03.2020  
(54) Heteroatom-doped nanodiamond  
(51) Int. Cl.  
**C01B 32/26** ( 2017.01 )  
**B01J 3/08** ( 2006.01 )  
**B82Y 20/00** ( 2011.01 )  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**C01B 32/15** ( 2017.01 )  
(87) WO2020/195997  
(31) 2019-058397 (32) 26.03.19 (33) JP  
(43) 2019-213628 26.11.19 JP  
(43) 01.10.2020  
(72) MAHIKO, Tomoaki; MAKINO, Yuto; TSURUI, Akihiko; LIU, Ming; NISHIKAWA, Masahiro  
(74) Griffith Hack
- 
- (71) Daicel Corporation  
(11) AU-A-2020249854  
(21) 2020249854 (22) 16.03.2020  
(54) Explosive composition and method for manufacturing same, and method for manufacturing heteroatom-doped nanodiamond  
(51) Int. Cl.  
**B01J 3/08** ( 2006.01 )  
**B82Y 40/00** ( 2011.01 )  
**C01B 32/15** ( 2017.01 )  
**C01B 32/26** ( 2017.01 )  
**C06B 23/00** ( 2006.01 )  
**C06B 25/00** ( 2006.01 )  
(87) WO2020/195998  
(31) 2019-058397 (32) 26.03.19 (33) JP  
(43) 2019-212821 26.11.19 JP  
(43) 01.10.2020  
(72) MAHIKO, Tomoaki; MAKINO, Yuto; TSURUI, Akihiko; LIU, Ming; NISHIKAWA, Masahiro  
(74) Griffith Hack
- 
- (71) Day Zero Diagnostics, Inc.  
(11) AU-A-2020229876  
(21) 2020229876 (22) 28.02.2020  
(54) An improved method of preparing clinical samples for nucleic acid amplification  
(51) Int. Cl.  
**C12Q 1/37** ( 2006.01 )  
(87) WO2020/176822  
(31) 16/289,324 (32) 28.02.19 (33) US  
(43) 62/812,085 28.02.19 US  
(43) 03.09.2020  
(72) TSUI, Chiahao  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Debiopharm International S.A.  
(11) AU-A-2020223515  
(21) 2020223515 (22) 14.02.2020  
(54) Afabacin formulation, method for making the same  
(51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61P 31/04** ( 2006.01 )  
(87) WO2020/165407  
(31) 19157255.1 (32) 14.02.19 (33) EP  
(43) 20.08.2020  
(72) DECRETTE, Marie; COLIN, Aude Anne-Laure; CHABAUD, Sebastien  
(74) Spruson & Ferguson
- 
- (71) Detnet South Africa (Pty) Ltd  
(11) AU-A-2020215742  
(21) 2020215742 (22) 27.01.2020  
(54) Light sensitive arrangement for a detonator  
(51) Int. Cl.  
**F42D 1/05** ( 2006.01 )  
(87) WO2020/160579  
(31) 2019/00556 (32) 28.01.19 (33) ZA  
(43) 06.08.2020  
(72) KRUGER, Michiel Jacobus; MAURISSENS, Daniel Auguste; LABUSCHAGNE, Albertus Abraham; KOEKEMOER, Andre Louis  
(74) Madderns Pty Ltd
- 
- (71) Detnet South Africa (Pty) Ltd  
(11) AU-A-2020219440  
(21) 2020219440 (22) 23.01.2020  
(54) Boost pump  
(51) Int. Cl.  
**F42D 1/045** ( 2006.01 )  
**F42C 11/00** ( 2006.01 )  
**F42C 11/04** ( 2006.01 )  
(87) WO2020/163883  
(31) 2019/00727 (32) 04.02.19 (33) ZA  
(43) 13.08.2020  
(72) KRUGER, Michiel Jacobus  
(74) Madderns Pty Ltd
- 
- (71) Diamidex  
(11) AU-A-2020225034  
(21) 2020225034 (22) 20.02.2020  
(54) Methods for labeling eukaryotic cells from a multicellular organism as well as

PCT applications which have entered the National Phase - Name Index cont'd

- for treating and/or diagnosing a cancer using modified monosaccharide compounds
- (51) Int. Cl.  
**G01N 33/58** ( 2006.01 )  
**A61K 31/70** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**C07H 3/02** ( 2006.01 )
- (87) WO2020/169782  
(31) 19305202.4 (32) 20.02.19 (33) EP  
(43) 27.08.2020  
(72) DUKAN, Sam  
(74) Spruson & Ferguson
- 
- (71) Dicerna Pharmaceuticals, Inc.  
(11) AU-A-2020221892  
(21) 2020221892 (22) 07.02.2020  
(54) Methods and compositions for inhibiting expression of CYP27A1
- (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )
- (87) WO2020/167593  
(31) 62/804,410 (32) 12.02.19 (33) US  
(43) 20.08.2020  
(72) SAXENA, Utsav  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Direct Biologics LLC  
(11) AU-A-2020214832  
(21) 2020214832 (22) 30.01.2020  
(54) Methods and compositions for developing target specific exosome and growth factor products
- (51) Int. Cl.  
**A61K 8/14** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12Q 1/6883** ( 2018.01 )
- (87) WO2020/160342  
(31) 62/798,908 (32) 30.01.19 (33) US  
(43) 06.08.2020  
(72) PETTINE, Kenneth Allen; MOSELEY, Timothy Alexander  
(74) Madderns Pty Ltd
- 
- (71) Doleschall, S.B.; Pap, G.  
(11) AU-A-2020218116  
(21) 2020218116 (22) 03.02.2020  
(54) Spirit obtainable from wine and comprising taste- and aroma components of the wine, and process for its production
- (51) Int. Cl.  
**C12G 3/04** ( 2019.01 )  
**C12H 6/02** ( 2019.01 )
- (87) WO2020/161509  
(31) P1900036 (32) 04.02.19 (33) HU  
(43) 13.08.2020  
(72) DOLESCHALL, Sándor Béla; PAP, Géza  
(74) Adams Pluck
- 
- (71) Dow Global Technologies LLC; Rohm and Haas Company  
(11) AU-A-2019425686  
(21) 2019425686 (22) 31.01.2019
- (54) Paint roller cover for multicolor paint, method of uniformly applying multicolor paint and method of quantifying uniformity of paint application
- (51) Int. Cl.  
**B05C 1/08** ( 2006.01 )  
**B05D 1/28** ( 2006.01 )  
**E04F 21/08** ( 2006.01 )
- (87) WO2020/155004  
(43) 06.08.2020  
(72) KEENE, Ellen C.; MONAENKOVA, Daria  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) Dow Global Technologies LLC; Rohm and Haas Company  
(11) AU-A-2019427275  
(21) 2019427275 (22) 29.01.2019  
(54) Aqueous coating composition
- (51) Int. Cl.  
**C09D 133/02** ( 2006.01 )  
**C09D 133/00** ( 2006.01 )
- (87) WO2020/154888  
(43) 06.08.2020  
(72) QIAN, Zhen; CUI, Wei; XU, Jianming  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) Duke University  
(11) AU-A-2020215682  
(21) 2020215682 (22) 28.01.2020  
(54) Compositions and methods for evading humoral immunity
- (51) Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )
- (87) WO2020/159970  
(31) 62/797,495 (32) 28.01.19 (33) US  
62/914,682 14.10.19 US  
(43) 06.08.2020  
(72) ASOKAN, Aravind; ELMORE, Zachary  
(74) Spruson & Ferguson
- 
- (71) Dulevo International S.p.A.  
(11) AU-A-2019424115  
(21) 2019424115 (22) 12.12.2019  
(54) Automated road sweeper and road cleaning method using said road sweeper
- (51) Int. Cl.  
**E01H 1/00** ( 2006.01 )  
**A47L 11/00** ( 2006.01 )  
**E01H 1/02** ( 2006.01 )  
**E01H 1/05** ( 2006.01 )  
**E01H 1/08** ( 2006.01 )  
**E01H 1/10** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )
- (87) WO2020/152526  
(31) 102019000001111 (32) 25.01.19 (33) IT  
(43) 30.07.2020  
(72) TAGLIAFERRI, Fabrizio  
(74) Spruson & Ferguson
- 
- (71) DuPont Nutrition Biosciences ApS  
(11) AU-A-2020222221  
(21) 2020222221 (22) 13.02.2020  
(54) Lactic acid bacterium with a reduction of sensitivity to cos-type bacteriophages
- (51) Int. Cl.  
**C12N 9/48** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )
- (87) WO2020/165301  
(31) 62/805,388 (32) 14.02.19 (33) US  
62/904,787 24.09.19 US  
(43) 20.08.2020  
(72) FREMAUX, Christophe; HORVATH, Philippe; COCHU-BLACHÈRE, Armelle; ROMERO, Dennis; MOINEAU, Sylvain; LABRIE, Simon  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) East China University of Science and Technology  
(11) AU-A-2020289909  
(21) 2020289909 (22) 12.06.2020  
(54) Antihypertensive polyol compound and derivative thereof
- (51) Int. Cl.  
**A61P 9/12** ( 2006.01 )  
**A61K 31/047** ( 2006.01 )  
**C07C 33/18** ( 2006.01 )  
**C07C 33/26** ( 2006.01 )  
**C07C 33/34** ( 2006.01 )  
**C07C 33/36** ( 2006.01 )  
**C07D 309/02** ( 2006.01 )
- (87) WO2020/249117  
(31) 201910507506.4 (32) 12.06.19 (33) CN  
(43) 17.12.2020  
(72) LI, Honglin; ZHAO, Zhenjiang; WANG, Rui; SHEN, Yinchu; FU, Jianjun; XU, Yufang; QIAN, Xuhong; JIAO, Qian; LI, Shiliang  
(74) Griffith Hack
- 
- (71) Ecolab USA Inc.  
(11) AU-A-2020219781  
(21) 2020219781 (22) 05.02.2020  
(54) Packaging and docking system for non-contact chemical dispensing
- (51) Int. Cl.  
**B67D 7/02** ( 2010.01 )  
**B65B 3/04** ( 2006.01 )  
**B65D 83/00** ( 2006.01 )  
**B65D 83/06** ( 2006.01 )  
**D06F 39/00** ( 2020.01 )
- (87) WO2020/163470  
(31) 62/801,632 (32) 05.02.19 (33) US  
(43) 13.08.2020  
(72) LEE, Amy Louise; DOBIZL, Kenneth Thomas  
(74) Spruson & Ferguson
- 
- (71) Econac BVBA  
(11) AU-A-2020213876  
(21) 2020213876 (22) 28.01.2020  
(54) Transport anchor having a fibre-plastic composite material pressure element
- (51) Int. Cl.  
**E04G 21/14** ( 2006.01 )
- (87) WO2020/157041  
(31) 10 2019 102 065.4 (32) 28.01.19 (33) DE

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 06.08.2020  
(72) DE BOND, Renzo; DE BOND, Tom  
(74) AJ PARK
- 
- (71) ECP Entwicklungsgesellschaft mbH  
(11) AU-A-2020225351  
(21) 2020225351 (22) 21.02.2020  
(54) Catheter device with a drive shaft cover  
(51) Int. Cl.  
*A61M 60/135* ( 2021.01 )  
*A61M 60/824* ( 2021.01 )  
(87) WO2020/169801  
(31) 19158904.3 (32) 22.02.19 (33) EP  
(43) 27.08.2020  
(72) SIESS, Thorsten; SCHECKEL, Mario;  
SCHUMACHER, Jörg; DECKE, Robert  
(74) Shelston IP Pty Ltd.
- 
- (71) Edgy Tools LLC  
(11) AU-A-2020210738  
(21) 2020210738 (22) 22.01.2020  
(54) Lighted wedge tool  
(51) Int. Cl.  
*A61B 1/06* ( 2006.01 )  
*A61B 1/04* ( 2006.01 )  
*A61B 1/07* ( 2006.01 )  
*A61B 1/267* ( 2006.01 )  
*B30B 1/40* ( 2006.01 )  
*B41J 7/58* ( 2006.01 )  
(87) WO2020/154438  
(31) 62/795,494 (32) 22.01.19 (33) US  
(43) 30.07.2020  
(72) STREIN, David; CECCHI, Marino;  
LOSSER, James; RADLOFF, Joshua  
Michael; GIULIANO, Salvatore Vincent  
Mario  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Edwards, A.; Edwards, S.  
(11) AU-A-2020213820  
(21) 2020213820 (22) 31.01.2020  
(54) A mushroom packaging system  
(51) Int. Cl.  
*B65B 25/04* ( 2006.01 )  
*A01G 18/70* ( 2018.01 )  
*A23N 15/04* ( 2006.01 )  
*B65B 5/08* ( 2006.01 )  
*B65B 5/10* ( 2006.01 )  
*B65B 35/24* ( 2006.01 )  
*B65B 35/38* ( 2006.01 )  
*B65B 43/44* ( 2006.01 )  
*B65B 43/52* ( 2006.01 )  
*B65B 59/00* ( 2006.01 )  
*B65B 59/04* ( 2006.01 )  
*B65B 65/00* ( 2006.01 )  
*B65B 57/14* ( 2006.01 )  
(87) WO2020/156753  
(31) 1901444.8 (32) 01.02.19 (33) GB  
(43) 06.08.2020  
(72) EDWARDS, Alan  
(74) WRAYS PTY LTD
- 
- (71) Edwards Lifesciences Corporation  
(11) AU-A-2020221912  
(21) 2020221912 (22) 10.02.2020  
(54) Heart valve sealing devices and delivery devices therefor
- (51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
*A61B 17/122* ( 2006.01 )  
(87) WO2020/167677  
(31) 62/803,854 (32) 11.02.19 (33) US  
(43) 20.08.2020  
(72) STEARNS, Grant Matthew  
(74) Spruson & Ferguson
- 
- (71) Edwards Lifesciences Corporation  
(11) AU-A-2020223047  
(21) 2020223047 (22) 13.02.2020  
(54) Heart valve sealing devices and delivery devices therefor  
(51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
(87) WO2020/168081  
(31) 62/944,325 (32) 05.12.19 (33) US  
62/805,847 14.02.19 US  
(43) 20.08.2020  
(72) DIXON, Eric Robert; FRESCHAUF,  
Lauren R.; FOREMAN, Rachel Liat  
David; GOHRES, Rachel Ann; POPP,  
Michael J.; OKOS, Chris J.; OBER-  
WISE, Eric Michael; FORD, Steven M.;  
KEPLINGER, Stefan Florian  
(74) Spruson & Ferguson
- 
- (71) Elanco US Inc.  
(11) AU-A-2020218330  
(21) 2020218330 (22) 04.02.2020  
(54) Probiotic compositions comprising  
lactobacillus reuteri strains and meth-  
ods of use  
(51) Int. Cl.  
*C12N 15/74* ( 2006.01 )  
*A61K 35/744* ( 2015.01 )  
*A61K 35/747* ( 2015.01 )  
*C07K 14/195* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
*C12R 1/225* ( 2006.01 )  
(87) WO2020/163398  
(31) 62/801,307 (32) 05.02.19 (33) US  
(43) 13.08.2020  
(72) KUMAR, Arvind; GANGAIAH, Dhar-  
anesh Mahimapura  
(74) Spruson & Ferguson
- 
- (71) Elanco US Inc.  
(11) AU-A-2020218748  
(21) 2020218748 (22) 04.02.2020  
(54) A genetically modified lactobacillus and  
uses thereof  
(51) Int. Cl.  
*C12N 15/74* ( 2006.01 )  
*A61K 35/747* ( 2015.01 )  
*C07K 14/195* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
*C12R 1/225* ( 2006.01 )  
(87) WO2020/163284  
(31) 62/801,307 (32) 05.02.19 (33) US  
(43) 13.08.2020  
(72) GANGAIAH, Dharanesh Mahimapura;  
KUMAR, Arvind; LIU, Lin; MANE,  
Shrinivasrao Peerajirao; RYAN, Valerie  
Elyse  
(74) Spruson & Ferguson
- 
- (71) Electrolux Appliances Aktiebolag  
(11) AU-A-2020242654  
(21) 2020242654 (22) 06.03.2020  
(54) Kitchen appliance  
(51) Int. Cl.  
*H05B 6/06* ( 2006.01 )  
(87) WO2020/187604  
(31) 201910213998.6 (32) 20.03.19 (33) CN  
(43) 24.09.2020  
(72) WU, Peng; WU, Zhenquan; ZHANG,  
Hongxuan  
(74) Halfords IP
- 
- (71) Electrolux Appliances Aktiebolag  
(11) AU-A-2020256589  
(21) 2020256589 (22) 07.04.2020  
(54) Cavity having a non-stick and/or non-  
wetting coating, cooking appliance  
comprising such a cavity and method  
for manufacturing a cavity  
(51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
*A47J 36/02* ( 2006.01 )  
*C09D 183/04* ( 2006.01 )  
*C23C 18/12* ( 2006.01 )  
(87) WO2020/207367  
(31) 19168020.6 (32) 09.04.19 (33) EP  
19209417.5 15.11.19 EP  
(43) 15.10.2020  
(72) LIU, Jing; TISSELLI, Filippo; BOCK-  
LER, Marco; WALZLEIN, Klaus;  
GEREDE, Aynur; CESCOT, Paolo;  
BRATTI, Andrea; PAULI, Georg; LUCK-  
HARDT, Christoph; SCHUTZ, Tobias  
(74) Halfords IP
- 
- (71) Eli Lilly and Company  
(11) AU-A-2020218180  
(21) 2020218180 (22) 04.02.2020  
(54) 1-((2-(2,2,2-trifluoroethoxy)pyridin-4-  
yl)methyl)urea derivatives as KCNQ po-  
tentiationers  
(51) Int. Cl.  
*A61P 21/00* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
*C07D 213/64* ( 2006.01 )  
(87) WO2020/163268  
(31) 62/801,716 (32) 06.02.19 (33) US  
62/811,038 27.02.19 US  
(43) 13.08.2020  
(72) SZEKERES, Helen Jane; WHATTON,  
Maria Ann; WILLIAMS, Andrew Caer-  
wyn  
(74) Spruson & Ferguson
- 
- (71) Encore Medical L.P. (d/b/a/ DJO Surgical)  
(11) AU-A-2020216901  
(21) 2020216901 (22) 27.01.2020  
(54) Glenoid implant  
(51) Int. Cl.  
*A61F 2/30* ( 2006.01 )  
*A61F 2/40* ( 2006.01 )  
(87) WO2020/159864  
(31) 62/797,866 (32) 28.01.19 (33) US  
(43) 06.08.2020  
(72) FRANKLE, Mark A.; GUTIERREZ, Ser-  
gio; WILLIAMS, Gerald  
(74) Davies Collison Cave Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) ENGIE  
 (11) AU-A-2020217600  
 (21) 2020217600 (22) 04.02.2020  
 (54) Low-consumption hub and detector configured to communicate with this hub  
 (51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
*H04Q 9/00* ( 2006.01 )  
*H04W 4/38* ( 2018.01 )  
 (87) WO2020/161430  
 (31) 1901119 (32) 05.02.19 (33) FR  
 (43) 13.08.2020  
 (72) WERLY, Julien; D'AGOSTINO, Angélique; RUPIN, Fabian  
 (74) Spruson & Ferguson
- 
- (71) ENGIE  
 (11) AU-A-2020219289  
 (21) 2020219289 (22) 04.02.2020  
 (54) Measurement device, in particular for detecting hydrogen in the soil of a region  
 (51) Int. Cl.  
*G01N 33/00* ( 2006.01 )  
*G01N 33/24* ( 2006.01 )  
 (87) WO2020/161431  
 (31) 1901121 (32) 05.02.19 (33) FR  
 (43) 13.08.2020  
 (72) GORINTIN, Louis; WERLY, Julien; D'AGOSTINO, Angélique  
 (74) Spruson & Ferguson
- 
- (71) Enzene Biosciences Limited  
 (11) AU-A-2019423931  
 (21) 2019423931 (22) 01.04.2019  
 (54) Automated integrated continuous system and bioprocess for producing therapeutic protein  
 (51) Int. Cl.  
*C12M 1/26* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12M 1/36* ( 2006.01 )  
 (87) WO2020/152509  
 (31) 201921003147 (32) 25.01.19 (33) IN  
 (43) 30.07.2020  
 (72) BARTAKE, Hrishikesh; GADGIL, Himanshu; BANERJEE, Abir; LONDHE, Harshita; BHORI, Abijar; BUTTI, Abhijit; VARMA, Samir; GODSE, Rohan; REDDY, Veerendra  
 (74) Michael Buck IP
- 
- (71) ETH Zurich  
 (11) AU-A-2020227190  
 (21) 2020227190 (22) 25.02.2020  
 (54) Systems and reactors for storage of electrical energy  
 (51) Int. Cl.  
*H01M 8/04082* ( 2016.01 )  
*C01B 3/00* ( 2006.01 )  
*C01B 3/10* ( 2006.01 )  
*H01M 8/065* ( 2016.01 )  
*H01M 8/18* ( 2006.01 )  
 (87) WO2020/173907  
 (31) 19159192.4 (32) 25.02.19 (33) EP
- 
- (43) 03.09.2020  
 (72) STARK, Wendelin Jan; LUSTENBERGER, Urs Benjamin  
 (74) Spruson & Ferguson
- 
- (71) Exithera Pharmaceuticals, Inc.  
 (11) AU-A-2020216887  
 (21) 2020216887 (22) 24.01.2020  
 (54) Therapeutic compounds and compositions  
 (51) Int. Cl.  
*C07D 205/08* ( 2006.01 )  
*C07D 401/06* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
 (87) WO2020/159824  
 (31) 62/798,012 (32) 29.01.19 (33) US  
 (43) 06.08.2020  
 (72) HAYWARD, Neil J.; CHENARD, Bertrand L.; XU, Yuelian; SCHNEGGENBURGER, Philipp Erik; PLACIDI, Matteo Placido; GEIL, Wendy Mercer; JOHNS III, Gonto  
 (74) Spruson & Ferguson
- 
- (71) Expro North Sea Limited  
 (11) AU-A-2020220563  
 (21) 2020220563 (22) 12.02.2020  
 (54) Wellbore communication methods and systems  
 (51) Int. Cl.  
*E21B 47/12* ( 2012.01 )  
*E21B 41/00* ( 2006.01 )  
*E21B 41/02* ( 2006.01 )  
*E21B 47/14* ( 2006.01 )  
*H04B 3/54* ( 2006.01 )  
 (87) WO2020/165584  
 (31) 1901925.6 (32) 12.02.19 (33) GB  
 (43) 20.08.2020  
 (72) DULLAGE, Bryan  
 (74) Shelston IP Pty Ltd.
- 
- (71) F. Hoffmann-La Roche AG; Shionogi & Co., Ltd.  
 (11) AU-A-2020254906  
 (21) 2020254906 (22) 26.03.2020  
 (54) Compound and method for the prevention of transmission of influenza virus  
 (51) Int. Cl.  
*A61K 31/55* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
 (87) WO2020/201019  
 (31) 19166228.7 (32) 29.03.19 (33) EP  
 (43) 08.10.2020  
 (72) NOSHI, Takeshi; NODA, Takahiro; YOSHIDA, Ryu; SHISHIDO, Takao; BABA, Kaoru; HURT, Aeron C.; LEE, Leo Yi Yang; WILDUM, Steffen; KUHL-BUSCH, Klaus; CLINCH, Barry; NEBESKY, Michael J.; LEMENUEL-DIOT, Annabelle; BARCLAY, Wendy S.; CHAROIN, Jean-Eric; ANDO, Yoshinori  
 (74) Griffith Hack
- 
- (71) Figene, LLC  
 (11) AU-A-2020207410  
 (21) 2020207410 (22) 13.01.2020  
 (54) Fibroblast regenerative cells
- 
- (51) Int. Cl.  
*A61K 35/33* ( 2015.01 )  
*C12N 5/00* ( 2006.01 )  
 (87) WO2020/146874  
 (31) 62/791,207 (32) 11.01.19 (33) US  
 (43) 16.07.2020  
 (72) O'HEERON, Pete; ICHIM, Thomas  
 (74) FB Rice Pty Ltd
- 
- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2020213435  
 (21) 2020213435 (22) 31.01.2020  
 (54) Pressure relief device and components therefor  
 (51) Int. Cl.  
*A61M 16/20* ( 2006.01 )  
 (87) WO2020/157707  
 (31) 62/799,952 (32) 01.02.19 (33) US  
 62/913,896 11.10.19 US  
 (43) 06.08.2020  
 (72) EDWARDS, Taylor James; KAT, Arjen David; MASSEY, Shane Terry; OSBORNE, Hamish Adrian; MATTHEWS, Cameron Leslie; EVANS, Rhys John; MAUNDER, Evan Anthony; HARDY, Beth Frances; BURGESS, Aidan Robert; RODGER, Leo Mckenzie  
 (74) Catalyst Intellectual Property
- 
- (71) FJ Dynamics Technology Academy (Chang Zhou) Co., Ltd  
 (11) AU-A-2019418877  
 (21) 2019418877 (22) 18.09.2019  
 (54) Farm renting system and rent management method  
 (51) Int. Cl.  
*G06Q 30/06* ( 2012.01 )  
*G06Q 50/02* ( 2012.01 )  
 (87) WO2020/140479  
 (31) 201910007603.7 (32) 04.01.19 (33) CN  
 201910187491.8 13.03.19 CN  
 (43) 09.07.2020  
 (72) YAO, Yuan; XIA, Tan; QI, Jiayuan  
 (74) Admiral Trademarks & Patents Services
- 
- (71) Forma Lighting (HK) Limited  
 (11) AU-A-2020238756  
 (21) 2020238756 (22) 12.03.2020  
 (54) Flexibly deformable hard linear lamp  
 (51) Int. Cl.  
*F21S 4/24* ( 2016.01 )  
*F21V 15/02* ( 2006.01 )  
*F21V 19/00* ( 2006.01 )  
*F21V 29/70* ( 2015.01 )  
*F21V 29/74* ( 2015.01 )  
 (87) WO2020/182179  
 (31) 201920335861.3 (32) 14.03.19 (33) CN  
 (43) 17.09.2020  
 (72) MONSONEGO, Michael  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) FrieslandCampina Nederland B.V.  
 (11) AU-A-2020230904  
 (21) 2020230904 (22) 27.02.2020  
 (54) Fat composition and nutritional composition based thereon

PCT applications which have entered the National Phase - Name Index cont'd

- (51) Int. Cl.  
**A23D 9/04** ( 2006.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/115** ( 2016.01 )
- (87) WO2020/178108  
(31) 19160187.1 (32) 01.03.19 (33) EP  
(43) 10.09.2020  
(72) FEITSMA, Anouk Leonie; KLOEK, William; PARIKH, Panam Mohit; TIMMER-KEETELS, Christina Josephina Antonia Maria; VONK, Marlotte Marianne; ROMBOUT-JEURINK, Prescilla Vera  
(74) Spruson & Ferguson
- 
- (71) GCS German Capsule Solution GmbH  
(11) AU-A-2020220631  
(21) 2020220631 (22) 13.02.2020  
(54) Single-serve capsule for preparing a beverage in a beverage preparation machine, and system for preparing a beverage from said single-serve capsule  
(51) Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**A47J 31/06** ( 2006.01 )  
(87) WO2020/165302  
(31) 10 2019 201 904.8 (32) 13.02.19 (33) DE  
10 2019 207 557.6 23.05.19 DE  
(43) 20.08.2020  
(72) KRÜGER, Marc; EMPL, Günter  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) GCS German Capsule Solution GmbH  
(11) AU-A-2020222222  
(21) 2020222222 (22) 13.02.2020  
(54) Single-serve capsule for preparing a beverage in a beverage preparation machine, and system for preparing a beverage from said single-serve capsule  
(51) Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**A47J 31/06** ( 2006.01 )  
(87) WO2020/165303  
(31) 10 2019 201 904.8 (32) 13.02.19 (33) DE  
10 2019 207 557.6 23.05.19 DE  
(43) 20.08.2020  
(72) KRÜGER, Marc; EMPL, Günter  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) GEA Mechanical Equipment GmbH  
(11) AU-A-2020230013  
(21) 2020230013 (22) 27.02.2020  
(54) Method for producing ghee  
(51) Int. Cl.  
**A23C 15/14** ( 2006.01 )  
**A23C 15/04** ( 2006.01 )  
**A23D 9/02** ( 2006.01 )  
**A23L 27/21** ( 2016.01 )  
(87) WO2020/174035  
(31) 10 2019 104 917.2 (32) 27.02.19 (33) DE  
(43) 03.09.2020  
(72) BRÄUTIGAM, Carsten; MATHIESEN, Claus; VEER, Thomas; GRUCHOT, Wolfgang  
(74) Griffith Hack
- 
- (71) Genfit  
(11) AU-A-2020236904  
(21) 2020236904 (22) 12.03.2020  
(54) Diagnosis of non-alcoholic steatohepatitis  
(51) Int. Cl.  
**C12Q 1/6883** ( 2018.01 )  
**A61K 31/192** ( 2006.01 )  
(87) WO2020/182952  
(31) 19305305.5 (32) 13.03.19 (33) EP  
(43) 17.09.2020  
(72) BROZEK, John  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Gensight Biologics  
(11) AU-A-2020217945  
(21) 2020217945 (22) 04.02.2020  
(54) Method for controlling an optogenetic device using filtering and associated devices  
(51) Int. Cl.  
**A61N 5/06** ( 2006.01 )  
**A61F 9/08** ( 2006.01 )  
(87) WO2020/161117  
(31) 19305136.4 (32) 05.02.19 (33) EP  
(43) 13.08.2020  
(72) GALLUPPI, Francesco; GALLE, Charlie  
(74) Michael Buck IP
- 
- (71) Gensight Biologics  
(11) AU-A-2020219262  
(21) 2020219262 (22) 04.02.2020  
(54) Method for controlling an optogenetic device using a command law for the radiant power of a light source and associated devices  
(51) Int. Cl.  
**A61N 5/06** ( 2006.01 )  
(87) WO2020/161112  
(31) 19305135.6 (32) 05.02.19 (33) EP  
(43) 13.08.2020  
(72) CHAVAS, Joël; GALLUPPI, Francesco; GALLE, Charlie  
(74) Michael Buck IP
- 
- (71) GH Research Ireland Limited  
(11) AU-A-2020225410  
(21) 2020225410 (22) 24.02.2020  
(54) 5-methoxy-N,N-dimethyltryptamine (5-MeO-DMT) for treating depression  
(51) Int. Cl.  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
(87) WO2020/169850  
(31) 19158774.0 (32) 22.02.19 (33) EP  
(43) 27.08.2020  
(72) TERWEY, Theis  
(74) Davies Collison Cave Pty Ltd
- 
- (71) GH Research Ireland Limited  
(11) AU-A-2020225766  
(21) 2020225766 (22) 24.02.2020  
(54) Compositions comprising 5-Methoxy-N,N-dimethyltryptamine (5-MeO-DMT) for use in treating mental disorders  
(51) Int. Cl.  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
(87) WO2020/169851  
(31) 19158806.0 (32) 22.02.19 (33) EP  
(43) 27.08.2020  
(72) TERWEY, Theis  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Global Life Sciences Solutions USA LLC  
(11) AU-A-2020266755  
(21) 2020266755 (22) 29.04.2020  
(54) Single-use, flexible bioprocessing bag and method of manufacturing a single-use, flexible bioprocessing bag  
(51) Int. Cl.  
**C12M 1/00** ( 2006.01 )  
(87) WO2020/221789  
(31) 62/841,867 (32) 02.05.19 (33) US  
(43) 05.11.2020  
(72) KENNEY, Jonathan; SAUKKONEN, Hanna-Leena; MILLER, Michael  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Global Life Sciences Solutions USA LLC  
(11) AU-A-2020267006  
(21) 2020267006 (22) 29.04.2020  
(54) Impeller assembly for a bioprocessing system  
(51) Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**B01F 7/00** ( 2006.01 )  
**C12M 1/06** ( 2006.01 )  
(87) WO2020/221790  
(31) 62/841,855 (32) 02.05.19 (33) US  
(43) 05.11.2020  
(72) BARRETT, Ryan; KENNEY, Jonathan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Golconda Holdings, LLC  
(11) AU-A-2019419428  
(21) 2019419428 (22) 31.12.2019  
(54) Systems and methods for producing durable, dimensionally stable, extruded sheet goods having a desired specific gravity  
(51) Int. Cl.  
**B32B 3/00** ( 2006.01 )  
(87) WO2020/142555  
(31) 62/787,085 (32) 31.12.18 (33) US  
16/732,174 31.12.19 US  
(43) 09.07.2020  
(72) LEBLANC, Shane S.  
(74) AJ PARK
- 
- (71) Grail, Inc.  
(11) AU-A-2020254695  
(21) 2020254695 (22) 01.04.2020  
(54) Stratification of risk of virus associated cancers  
(51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**G01N 33/48** ( 2006.01 )  
(87) WO2020/206041  
(31) 62/828,224 (32) 02.04.19 (33) US

PCT applications which have entered the National Phase - Name Index cont'd

- 62/961,517 15.01.20 US (54) Closure for a spout of a flexible thin-walled packaging
- (43) 08.10.2020
- (72) LO, Yuk-Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; LAM, Wai Kei; Ji, Lu
- (74) James & Wells Intellectual Property
- 
- (71) GRAIL, Inc.
- (11) AU-A-2020217719
- (21) 2020217719 (22) 04.02.2020
- (54) Detecting cancer, cancer tissue of origin, and/or a cancer cell type
- (51) Int. Cl.
- C12Q 1/6886* ( 2018.01 )
- C12Q 1/6883* ( 2018.01 )
- G16B 20/30* ( 2019.01 )
- G16B 25/10* ( 2019.01 )
- (87) WO2020/163403
- (31) PCT/US2020/015082 (32) 24.01.20 (33) US
- 62/801,556 05.02.19 US
- 62/801,561 05.02.19 US
- 62/965,327 24.01.20 US
- 62/965,342 24.01.20 US
- (43) 13.08.2020
- (72) GROSS, Samuel S.; VENN, Oliver Claude; FIELDS, Alexander P.; LIU, Qinwen; SCHELLENBERGER, Jan; BREDNO, Joerg; BEAUSANG, John F.; SHOJAEE, Seyedmehdi; JAMSHIDI, Arash
- (74) James & Wells Intellectual Property
- 
- (71) Graner, P.
- (11) AU-A-2019422926
- (21) 2019422926 (22) 30.05.2019
- (54) Micro electric power station and micro grid
- (51) Int. Cl.
- H01L 31/024* ( 2014.01 )
- G02B 19/00* ( 2006.01 )
- H01L 31/042* ( 2014.01 )
- H01L 31/052* ( 2014.01 )
- (87) WO2020/148743
- (31) 255843 (32) 20.01.19 (33) IL
- (43) 23.07.2020
- (72) GRANER, Peter
- (74) Patenteur Pty Ltd
- 
- (71) Greenfield Global Inc.
- (11) AU-A-2020213431
- (21) 2020213431 (22) 30.01.2020
- (54) A process for producing synthetic jet fuel
- (51) Int. Cl.
- C10G 2/00* ( 2006.01 )
- C10L 1/04* ( 2006.01 )
- (87) WO2020/154810
- (31) 62/798,636 (32) 30.01.19 (33) US
- (43) 06.08.2020
- (72) DE KLERK, Arno; SEHDEV, Ranjit; LE-HOUX, Richard Romeo
- (74) WRAYS PTY LTD
- 
- (71) Guala Pack S.p.A.
- (11) AU-A-2020219941
- (21) 2020219941 (22) 05.02.2020
- (54) Closure for a spout of a flexible thin-walled packaging
- (51) Int. Cl.
- B65D 75/58* ( 2006.01 )
- B29C 45/00* ( 2006.01 )
- B29C 45/16* ( 2006.01 )
- B65D 41/34* ( 2006.01 )
- B65D 47/14* ( 2006.01 )
- (87) WO2020/161633
- (31) 102019000001829 (32) 08.02.19 (33) IT
- (43) 13.08.2020
- (72) TAMARINDO, Stefano
- (74) Murray Trento & Associates Pty Ltd
- 
- (71) Guangzhou Xaircraft Technology Co., Ltd.
- (11) AU-A-2019415806
- (21) 2019415806 (22) 14.10.2019
- (54) Intelligent pesticide tank assembly and plant protection machinery
- (51) Int. Cl.
- B64D 1/18* ( 2006.01 )
- A01M 7/00* ( 2006.01 )
- G01F 23/00* ( 2006.01 )
- (87) WO2020/134368
- (31) 201811640758.6 (32) 29.12.18 (33) CN
- (43) 02.07.2020
- (72) CHEN, Zhang
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Guangzhou Xaircraft Technology Co., Ltd.
- (11) AU-A-2020212162
- (21) 2020212162 (22) 20.01.2020
- (54) Sensor assembly, inertial measurement assembly, and mobile device
- (51) Int. Cl.
- G01C 23/00* ( 2006.01 )
- (87) WO2020/151667
- (31) 201910059559.4 (32) 22.01.19 (33) CN
- (43) 30.07.2020
- (72) WU, Bin; QIN, Chaolong
- (74) Shelston IP Pty Ltd.
- 
- (71) H. Lundbeck A/S
- (11) AU-A-2020212596
- (21) 2020212596 (22) 24.01.2020
- (54) Methods of treating disease with MAGL inhibitors
- (51) Int. Cl.
- C07D 401/02* ( 2006.01 )
- C07D 401/10* ( 2006.01 )
- C07D 403/10* ( 2006.01 )
- (87) WO2020/154683
- (31) 62/796,941 (32) 25.01.19 (33) US
- (43) 30.07.2020
- (72) BEALS, Channing Rodney
- (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.
- (11) AU-A-2019445388
- (21) 2019445388 (22) 08.04.2019
- (54) Stable suspension of elastomer particles for use in a cement slurry
- (51) Int. Cl.
- C09K 8/46* ( 2006.01 )
- C04B 14/10* ( 2006.01 )
- (87) WO2020/209831
- (43) 15.10.2020
- (72) JADHAV, Rahul Nandkumar
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Halliburton Energy Services, Inc.
- (11) AU-A-2020253885
- (21) 2020253885 (22) 14.02.2020
- (54) A method for forming a pressure sensor
- (51) Int. Cl.
- G01L 11/02* ( 2006.01 )
- G01D 5/26* ( 2006.01 )
- G01L 1/24* ( 2006.01 )
- G01L 19/08* ( 2006.01 )
- (87) WO2020/205072
- (31) 1904557.4 (32) 01.04.19 (33) GB
- (43) 08.10.2020
- (72) CRISPIN, Doyle
- (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.
- (11) AU-A-2019445862
- (21) 2019445862 (22) 13.05.2019
- (54) Injectivity and production improvement in oil and gas fields
- (51) Int. Cl.
- C09K 8/52* ( 2006.01 )
- E21B 21/00* ( 2006.01 )
- E21B 43/25* ( 2006.01 )
- (87) WO2020/231400
- (43) 19.11.2020
- (72) MORRISON, Alexandra Clare; ZHOU, Hui; SHUMWAY, William Walter
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Hanmi Pharm. Co., Ltd.
- (11) AU-A-2020216034
- (21) 2020216034 (22) 31.01.2020
- (54) Imidazopyridine derivative compounds and use of same
- (51) Int. Cl.
- C07D 471/04* ( 2006.01 )
- A61K 31/4545* ( 2006.01 )
- A61P 35/00* ( 2006.01 )
- (87) WO2020/159285
- (31) 10-2019-0013582 (32) 01.02.19 (33) KR
- 10-2020-0011623 31.01.20 KR
- (43) 06.08.2020
- (72) BAE, In Hwan; KIM, Won Jeoung; KIM, Ji Sook; SONG, Ji Young; CHOI, Jae Yul; KIM, Min Jeong; NAM, Jung Soo; AHN, Young Gil
- (74) Griffith Hack
- 
- (71) Haulotte Group
- (11) AU-A-2020206015
- (21) 2020206015 (22) 08.01.2020
- (54) Aerial lift with removable control console, comprising a protection device for preventing the operator from being crushed
- (51) Int. Cl.
- B66F 11/04* ( 2006.01 )



PCT applications which have entered the National Phase - Name Index cont'd

- B66F 17/00** ( 2006.01 )  
**(87)** WO2020/144601  
**(31)** 1900186 **(32)** 09.01.19 **(33)** FR  
**(43)** 16.07.2020  
**(72)** BONNEFOY, Nicolas; COLASSE, Arnaud; BOIREAUD, François  
**(74)** MEYER WEST IP PTY LTD
- 
- (71)** HeartFlow, Inc.  
**(11)** AU-A-2020224147  
**(21)** 2020224147 **(22)** 21.02.2020  
**(54)** System architecture and methods for analyzing health data across geographic regions by priority using a decentralized computing platform  
**(51)** Int. Cl.  
**G06F 17/00** ( 2019.01 )  
**(87)** WO2020/172552  
**(31)** 62/809,139 **(32)** 22.02.19 **(33)** US  
**(43)** 27.08.2020  
**(72)** YOUSFI, Razik; GRADY, Leo  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** HeartFlow, Inc.  
**(11)** AU-A-2020226882  
**(21)** 2020226882 **(22)** 21.02.2020  
**(54)** Systems and methods for managing, validating, and transmitting health data across geographic regions  
**(51)** Int. Cl.  
**G06Q 50/00** ( 2012.01 )  
**(87)** WO2020/172544  
**(31)** 62/809,151 **(32)** 22.02.19 **(33)** US  
**(43)** 27.08.2020  
**(72)** YOUSFI, Razik; GRADY, Leo; SASTRY, Jay  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Heart Repair Technologies, Inc.  
**(11)** AU-A-2020222892  
**(21)** 2020222892 **(22)** 10.02.2020  
**(54)** Percutaneous delivery systems for anchoring an implant in a cardiac valve annulus  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**(87)** WO2020/167672  
**(31)** 62/803,952 **(32)** 11.02.19 **(33)** US  
**(43)** 20.08.2020  
**(72)** SUBRAMANIAN, Valavanur A.; REO, Michael L.; HULME, Gary; BALDWIN, Michael; BENCINI, Kevin; ROWSON, Alex; BOWER, Stephen  
**(74)** Wallington-Dummer
- 
- (71)** HID Global CID SAS  
**(11)** AU-A-2020219403  
**(21)** 2020219403 **(22)** 05.02.2020  
**(54)** Identity management on a mobile device  
**(51)** Int. Cl.  
**G06F 21/35** ( 2013.01 )  
**H04L 29/06** ( 2006.01 )  
**(87)** WO2020/161203  
**(31)** 62/801,371 **(32)** 05.02.19 **(33)** US
- 
- (43)** 13.08.2020  
**(72)** JOGAND-COULOMB, Fabrice  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Hologenix, LLC; Horinek, D.  
**(11)** AU-A-2020209227  
**(21)** 2020209227 **(22)** 16.01.2020  
**(54)** Cellulose and semi-cellulose based fibers and yarns embedded with mineral particles and methods of making the same  
**(51)** Int. Cl.  
**D03D 15/00** ( 2006.01 )  
**D03D 21/00** ( 2006.01 )  
**D03D 49/12** ( 2006.01 )  
**(87)** WO2020/150493  
**(31)** 62/793,159 **(32)** 16.01.19 **(33)** US  
**(43)** 23.07.2020  
**(72)** HORINEK, David  
**(74)** Spruson & Ferguson
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020206808  
**(21)** 2020206808 **(22)** 06.01.2020  
**(54)** Communication method and communication apparatus  
**(51)** Int. Cl.  
**H04W 48/18** ( 2009.01 )  
**(87)** WO2020/143564  
**(31)** 201910020841.1 **(32)** 09.01.19 **(33)** CN  
**(43)** 16.07.2020  
**(72)** GE, Cuili; YANG, Yanmei; YING, Jiangwei  
**(74)** Spruson & Ferguson
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020208514  
**(21)** 2020208514 **(22)** 13.01.2020  
**(54)** Label management method and apparatus for terminal device  
**(51)** Int. Cl.  
**H04W 8/02** ( 2009.01 )  
**(87)** WO2020/147681  
**(31)** 201910108917.6 **(32)** 18.01.19 **(33)** CN  
**(43)** 23.07.2020  
**(72)** GE, Cuili; YANG, Yanmei  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020212219  
**(21)** 2020212219 **(22)** 22.01.2020  
**(54)** Method for controlling EIRP, communication device, and communication system  
**(51)** Int. Cl.  
**H01Q 1/24** ( 2006.01 )  
**(87)** WO2020/151748  
**(31)** 201910059033.6 **(32)** 22.01.19 **(33)** CN  
**(43)** 30.07.2020  
**(72)** ZHENG, Xiaojun; GUO, Jiang; CHEN, Wei; ZHU, Qiang; XUE, Chunlin  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020226553  
**(21)** 2020226553 **(22)** 21.02.2020
- 
- (54)** Early termination for optical flow refinement  
**(51)** Int. Cl.  
**H04N 19/51** ( 2014.01 )  
**H04N 19/52** ( 2014.01 )  
**(87)** WO2020/169083  
**(31)** 201931007114 **(32)** 22.02.19 **(33)** IN  
**(43)** 27.08.2020  
**(72)** ESENLİK, Semih; SETHURAMAN, Sri-ram; A., Jeeva Raj; KOTECHA, Sagar  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020229917  
**(21)** 2020229917 **(22)** 21.02.2020  
**(54)** Recording frame rate control method and related apparatus  
**(51)** Int. Cl.  
**H04N 5/235** ( 2006.01 )  
**(87)** WO2020/173394  
**(31)** 201910153286.X **(32)** 28.02.19 **(33)** CN  
**(43)** 03.09.2020  
**(72)** LI, Yuanyou; LUO, Wei; HUO, Jie-guang; XU, Rongyue  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2020265960  
**(21)** 2020265960 **(22)** 27.04.2020  
**(54)** An encoder, a decoder and corresponding methods of intra prediction  
**(51)** Int. Cl.  
**H04N 19/117** ( 2014.01 )  
**(87)** WO2020/221203  
**(31)** 62/839,670 **(32)** 27.04.19 **(33)** US  
**(43)** 05.11.2020  
**(72)** WANG, Biao; ESENLİK, Semih; KOTRA, Anand Meher; GAO, Han; CHEN, Jianle  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Hymeth ApS  
**(11)** AU-A-2019408844  
**(21)** 2019408844 **(22)** 23.09.2019  
**(54)** Rack-mount box for a heat-emitting device  
**(51)** Int. Cl.  
**C25B 1/04** ( 2021.01 )  
**C25B 9/73** ( 2021.01 )  
**(87)** WO2020/126135  
**(31)** 18214709.0 **(32)** 20.12.18 **(33)** EP  
**(43)** 25.06.2020  
**(72)** BISHWAS, Sumon  
**(74)** Griffith Hack
- 
- (71)** Hypersciences, Inc.  
**(11)** AU-A-2018313862  
**(21)** 2018313862 **(22)** 09.08.2018  
**(54)** Projectile drilling systems and methods  
**(51)** Int. Cl.  
**E21B 7/04** ( 2006.01 )  
**E21B 7/06** ( 2006.01 )  
**E21B 7/08** ( 2006.01 )  
**E21B 43/11** ( 2006.01 )  
**E21B 43/116** ( 2006.01 )  
**E21B 43/119** ( 2006.01 )  
**(87)** WO2019/032759

PCT applications which have entered the National Phase - Name Index cont'd

- (31) 62/542,721 (32) 08.08.17 (33) US  
16/059,026 08.08.18 US
- (43) 14.02.2019
- (72) RUSSELL, Mark
- (74) Spruson & Ferguson
- 
- (71) I.V.A.R. S.p.A.
- (11) AU-A-2020223900
- (21) 2020223900 (22) 10.02.2020
- (54) Fitting for connecting pipes, in particular flexible pipes
- (51) Int. Cl.
- F16L 13/14* ( 2006.01 )
- F16L 33/207* ( 2006.01 )
- (87) WO2020/170066
- (31) 102019000002345 (32) 18.02.19 (33) IT
- (43) 27.08.2020
- (72) BERTELOTTI, Umberto; CONTINI, Mario
- (74) Spruson & Ferguson
- 
- (71) i360medical Ltd.
- (11) AU-A-2020213762
- (21) 2020213762 (22) 28.01.2020
- (54) Dilation devices, methods, and systems
- (51) Int. Cl.
- A61B 1/06* ( 2006.01 )
- A61B 1/00* ( 2006.01 )
- A61B 1/303* ( 2006.01 )
- A61B 1/32* ( 2006.01 )
- (87) WO2020/157657
- (31) 62/797,863 (32) 28.01.19 (33) US
- (43) 06.08.2020
- (72) YOUNG, Derek; O'SULLIVAN, Raymond; PRENDIVILLE, Walter; GRIBBONS, Richard
- (74) Spruson & Ferguson
- 
- (71) Ideaya Biosciences, Inc.
- (11) AU-A-2020215042
- (21) 2020215042 (22) 30.01.2020
- (54) Heteroaryl-methylene derivatives as DNA Polymerase Theta inhibitors
- (51) Int. Cl.
- C07D 401/12* ( 2006.01 )
- A61K 31/417* ( 2006.01 )
- A61K 31/4439* ( 2006.01 )
- A61K 31/497* ( 2006.01 )
- A61K 31/506* ( 2006.01 )
- A61P 35/00* ( 2006.01 )
- C07D 213/85* ( 2006.01 )
- C07D 233/64* ( 2006.01 )
- C07D 401/14* ( 2006.01 )
- (87) WO2020/160213
- (31) 62/799,500 (32) 31.01.19 (33) US
- (43) 06.08.2020
- (72) BECK, Hilary Plake; DILLON, Michael; JONES, Brian; MARTINEZ, Luisruben P.
- (74) AJ PARK
- 
- (71) Ideaya Biosciences, Inc.
- (11) AU-A-2020215710
- (21) 2020215710 (22) 29.01.2020
- (54) Acetamido derivatives as DNA Polymerase Theta inhibitors
- (51) Int. Cl.
- C07D 401/12* ( 2006.01 )
- A61K 31/417* ( 2006.01 )
- A61K 31/4439* ( 2006.01 )
- A61K 31/497* ( 2006.01 )
- A61K 31/506* ( 2006.01 )
- A61P 35/00* ( 2006.01 )
- C07D 213/85* ( 2006.01 )
- C07D 233/64* ( 2006.01 )
- C07D 401/14* ( 2006.01 )
- (87) WO2020/160213
- (31) 62/799,500 (32) 31.01.19 (33) US
- (43) 06.08.2020
- (72) BECK, Hilary Plake; DILLON, Michael; JONES, Brian; MARTINEZ, Luisruben P.
- (74) AJ PARK
- 
- (71) Immunocore Limited
- (11) AU-A-2020209991
- (21) 2020209991 (22) 16.01.2020
- (54) Formulations
- (51) Int. Cl.
- A61K 9/00* ( 2006.01 )
- A61K 38/00* ( 2006.01 )
- A61K 47/12* ( 2006.01 )
- A61K 47/26* ( 2006.01 )
- (87) WO2020/148372
- (31) 1905105.1 (32) 10.04.19 (33) GB  
1900658.4 17.01.19 GB
- (43) 23.07.2020
- (72) JOHNSON, Andy; EBNER, Martin; GRUDZIEN, Lukasz
- (74) FB Rice Pty Ltd
- 
- (71) Innospec Limited
- (11) AU-A-2020217603
- (21) 2020217603 (22) 31.01.2020
- (54) Polymeric materials
- (51) Int. Cl.
- B65D 65/38* ( 2006.01 )
- (87) WO2020/161474
- (31) 1901499.2 (32) 04.02.19 (33) GB
- (43) 13.08.2020
- (72) WATERSON, Carl; HAYTON, Richard David; MCROBBIE, Ian Malcolm
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Innospec Limited
- (11) AU-A-2020217893
- (21) 2020217893 (22) 31.01.2020
- (54) Polymeric materials
- (51) Int. Cl.
- C08F 2/00* ( 2006.01 )
- B01J 19/00* ( 2006.01 )
- C08F 2/01* ( 2006.01 )
- (87) WO2020/161472
- (31) 1901494.3 (32) 04.02.19 (33) GB
- (43) 13.08.2020
- (72) WATERSON, Carl; HAYTON, Richard David; MCROBBIE, Ian Malcolm
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Innospec Limited
- (11) AU-A-2020218854
- (21) 2020218854 (22) 31.01.2020
- (54) Polymerisation method and apparatus therefor
- (51) Int. Cl.
- C08F 2/01* ( 2006.01 )
- B01J 19/24* ( 2006.01 )
- C08F 2/02* ( 2006.01 )
- C08F 110/14* ( 2006.01 )
- 
- (71) Innospec Limited
- (11) AU-A-2020219292
- (21) 2020219292 (22) 31.01.2020
- (54) Chemical reactions
- (51) Int. Cl.
- C08F 2/00* ( 2006.01 )
- B01J 8/00* ( 2006.01 )
- B01J 19/00* ( 2006.01 )
- (87) WO2020/161475
- (31) 1901503.1 (32) 04.02.19 (33) GB
- (43) 13.08.2020
- (72) WATERSON, Carl; HAYTON, Richard David; MCROBBIE, Ian Malcolm
- (74) Phillips Ormonde Fitzpatrick
- 
- (71) Innovaccer Inc.
- (11) AU-A-2020221884
- (21) 2020221884 (22) 05.02.2020
- (54) Automatic visual display overlays of contextually related data from multiple applications
- (51) Int. Cl.
- G06F 16/583* ( 2019.01 )
- G06F 3/0484* ( 2013.01 )
- G06F 40/169* ( 2020.01 )
- (87) WO2020/167561
- (31) 201921005335 (32) 11.02.19 (33) IN  
16/568,830 12.09.19 US
- (43) 20.08.2020
- (72) KUMAR, Krishna; ZALPURI, Rijul; SAXENA, Mudit; MAHESHWARI, Ankit
- (74) Wallington-Dummer
- 
- (71) Innovant Biologics (Suzhou) Co., Ltd.
- (11) AU-A-2020212228
- (21) 2020212228 (22) 23.01.2020
- (54) Novel bispecific antibody molecule and bispecific antibody simultaneously combining PD-L1 and LAG-3
- (51) Int. Cl.
- C07K 16/28* ( 2006.01 )
- A61K 39/395* ( 2006.01 )
- A61P 31/00* ( 2006.01 )
- A61P 35/00* ( 2006.01 )
- C12N 15/13* ( 2006.01 )
- C12P 21/02* ( 2006.01 )
- G01N 33/68* ( 2006.01 )
- (87) WO2020/151762
- (31) 201910073261.9 (32) 25.01.19 (33) CN
- (43) 30.07.2020
- (72) NI, Haiqing; CHEN, Bingliang; LIU, Junjian
- (74) James & Wells Intellectual Property
- 
- (71) Inpher, Inc.
- (11) AU-A-2020225657
- (21) 2020225657 (22) 24.02.2020
- (54) Arithmetic for secure multi-party computation with modular integers

PCT applications which have entered the National Phase - Name Index cont'd

(51) Int. Cl.  
**H04L 9/08** ( 2006.01 )  
 (87) WO2020/172683  
 (31) 62/809,543 (32) 22.02.19 (33) US  
 (43) 27.08.2020  
 (72) GEORGIEVA, Mariya; GAMA, Nicolas;  
 JETCHEV, Dimitar  
 (74) Adams Pluck

(71) Integral Molecular, Inc.  
 (11) AU-A-2020223293  
 (21) 2020223293 (22) 13.02.2020  
 (54) Claudin 6 antibodies and uses thereof  
 (51) Int. Cl.  
**C07K 16/44** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
 (87) WO2020/168059  
 (31) 62/806,048 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (72) CHAMBERS, Ross; RUCKER, Joseph;  
 CHARPENTIER, Thomas; STAFFORD,  
 Lewis J.; SCRENCI, Brad; BARNES,  
 Trevor; DORANZ, Benjamin  
 (74) Allens Patent & Trade Mark Attorneys

(71) Integrated Nanotherapeutics Inc.  
 (11) AU-A-2020245715  
 (21) 2020245715 (22) 23.03.2020  
 (54) Lipid conjugate prepared from scaffold  
 moiety  
 (51) Int. Cl.  
**C07C 69/025** ( 2006.01 )  
**A23L 33/115** ( 2016.01 )  
**A23P 10/30** ( 2016.01 )  
**A61K 8/30** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**C07C 69/347** ( 2006.01 )  
**C07J 5/00** ( 2006.01 )  
**C11C 3/00** ( 2006.01 )  
**C11D 1/00** ( 2006.01 )  
 (87) WO2020/191477  
 (31) 62/822,226 (32) 22.03.19 (33) US  
 (43) 01.10.2020  
 (72) CHEN, Sam; TAM, Yuen Yi; ZAIFFMAN,  
 Joshua; CIUFOLINI, Marco  
 (74) Patentec Patent Attorneys

(71) Interbid Pty Ltd  
 (11) AU-A-2020326728  
 (21) 2020326728 (22) 22.06.2020  
 (54) Electronic auction system and process  
 (51) Int. Cl.  
**G06Q 30/08** ( 2012.01 )  
**G10L 15/20** ( 2006.01 )  
 (87) WO2021/022318  
 (31) 2019902834 (32) 08.08.19 (33) AU  
 (43) 11.02.2021  
 (72) GROVES, Michael Peter  
 (74) Davies Collison Cave Pty Ltd

(71) Inversiones Iraso li Ltda.  
 (11) AU-A-2019418102  
 (21) 2019418102 (22) 03.01.2019  
 (54) Floating device for the constitution of a  
 floating cover

(51) Int. Cl.  
**B65D 88/34** ( 2006.01 )  
**B65D 90/42** ( 2006.01 )  
**E04H 4/08** ( 2006.01 )  
 (87) WO2020/141353  
 (43) 09.07.2020  
 (72) IRARRAZAVAL MENDEZ, Tomás; SI-  
 GNORIO DUQUE, Matías  
 (74) Armour IP Pty Ltd

(71) Invetx Inc.  
 (11) AU-A-2020205073  
 (21) 2020205073 (22) 02.01.2020  
 (54) Compositions for increasing half-life  
 of a therapeutic agent in canines and  
 methods of use  
 (51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
 (87) WO2020/142625  
 (31) 62/788,035 (32) 03.01.19 (33) US  
 (43) 09.07.2020  
 (72) BRONDYK, William; CHEVALIER,  
 Brett; HORN, Juergen; NATARAJAN,  
 Madhusudan  
 (74) FB Rice Pty Ltd

(71) iQ Energy Inc.  
 (11) AU-A-2020213638  
 (21) 2020213638 (22) 28.01.2020  
 (54) System and processes for upgrading  
 synthetic gas produced from waste ma-  
 terials, municipal solid waste or bio-  
 mass  
 (51) Int. Cl.  
**C10B 57/02** ( 2006.01 )  
**C10L 3/00** ( 2006.01 )  
 (87) WO2020/154801  
 (31) 62/797,897 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
 (72) FORD, Darrell; DAVISON, Ken  
 (74) AJ Pietras IP Limited

(71) iTeos Belgium SA  
 (11) AU-A-2020206588  
 (21) 2020206588 (22) 07.01.2020  
 (54) Anti-tigit antibodies  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/42** ( 2006.01 )  
 (87) WO2020/144178  
 (31) 62/789,466 (32) 07.01.19 (33) US  
 (43) 16.07.2020  
 (72) HOOFD, Catherine; DRIESSENS,  
 Gregory; CUENDE, Juila  
 (74) FB Rice Pty Ltd

(71) Jamieson Australia Pty. Ltd.  
 (11) AU-A-2020217825  
 (21) 2020217825 (22) 07.02.2020  
 (54) Pneumatic tanker  
 (51) Int. Cl.  
**B65G 69/06** ( 2006.01 )  
**B60P 1/60** ( 2006.01 )  
**B65G 53/16** ( 2006.01 )  
**B65G 53/30** ( 2006.01 )

**B65G 53/50** ( 2006.01 )  
**F16K 17/02** ( 2006.01 )  
 (87) WO2020/160592  
 (31) 2019900393 (32) 07.02.19 (33) AU  
 (43) 13.08.2020  
 (72) MATTERS, Brenton George; GILS-  
 MORE, Peter  
 (74) Madderns Pty Ltd

(71) Janssen Pharmaceutica NV  
 (11) AU-A-2020210869  
 (21) 2020210869 (22) 24.01.2020  
 (54) Methods of enhancing protection  
 against organ and vascular injury, hem-  
 atopoietic recovery and survival in re-  
 sponse to total body radiation/chemical  
 exposure  
 (51) Int. Cl.  
**A61K 38/10** ( 2006.01 )  
**A61P 39/00** ( 2006.01 )  
 (87) WO2020/154637  
 (31) 62/796,728 (32) 25.01.19 (33) US  
 (43) 30.07.2020  
 (72) EICHENBAUM, Gary; GHOSH, Sanc-  
 hita; TONELLI, Alfred  
 (74) Shelston IP Pty Ltd.

(71) Janssen Pharmaceutica NV  
 (11) AU-A-2020225342  
 (21) 2020225342 (22) 20.02.2020  
 (54) Pharmaceutical formulations  
 (51) Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/32** ( 2006.01 )  
 (87) WO2020/169738  
 (31) PCT/ (32) 22.02.19 (33) CN  
 CN2019/075844  
 (43) 27.08.2020  
 (72) KIMPE, Kristof Leonard; SHAH, Sanket  
 Manoj; LATHUILE, Audrey Antoinette  
 Renée; HOLM, René; NEEFS, Thomas  
 Eddy R.; PROKOPCOVÁ, Hana  
 (74) Shelston IP Pty Ltd.

(71) Janssen Pharmaceutica NV  
 (11) AU-A-2020226723  
 (21) 2020226723 (22) 20.02.2020  
 (54) Crystalline form of 1-(1-oxo-1,2-di-  
 hydroisoquinolin-5-yl)-5-(trifluoro-  
 methyl)-  
 (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2020/169736  
 (31) PCT/ (32) 22.02.19 (33) CN  
 CN2019/075834  
 (43) 27.08.2020  
 (72) LEYS, Carina; KIMPE, Kristof Leonard;  
 GEERTMAN, Robert Michael; WEI,  
 Haojuan; ZHOU, Peng  
 (74) Shelston IP Pty Ltd.

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Jiangsu Hengrui Medicine Co., Ltd.;  
Shanghai Hengrui Pharmaceutical Co.,  
Ltd.  
(11) AU-A-2020205139  
(21) 2020205139 (22) 03.01.2020  
(54) 6-oxo-1,6-dihydropyridazine derivative,  
preparation method therefor and medic-  
al use thereof  
(51) Int. Cl.  
C07D 237/22 ( 2006.01 )  
A61K 31/166 ( 2006.01 )  
A61K 31/50 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
C07C 235/64 ( 2006.01 )  
(87) WO2020/140959  
(31) 201910006240.5 (32) 04.01.19 (33) CN  
201910380318.X 08.05.19 CN  
201910384118.1 09.05.19 CN  
201910567915.3 27.06.19 CN  
(43) 09.07.2020  
(72) YANG, Fanglong; YU, Nan; CHI, Ji-  
angtao; HE, Feng; TAO, Weikang  
(74) FB Rice Pty Ltd
- 
- (71) Jiangsu Hengrui Medicine Co., Ltd.  
(11) AU-A-2020206903  
(21) 2020206903 (22) 07.01.2020  
(54) Dosing regimen of bicyclic substituted  
pyrazolone azo derivative  
(51) Int. Cl.  
A61P 7/04 ( 2006.01 )  
A61K 31/655 ( 2006.01 )  
C07D 409/12 ( 2006.01 )  
(87) WO2020/143593  
(31) 201910016024.9 (32) 08.01.19 (33) CN  
(43) 16.07.2020  
(72) SHEN, Yancong; YANG, Guoping;  
HUANG, Jie  
(74) FB Rice Pty Ltd
- 
- (71) Jiangsu University  
(11) AU-A-2020348637  
(21) 2020348637 (22) 28.07.2020  
(54) High-efficiency, low-noise automobile  
electronic water pump  
(51) Int. Cl.  
F04D 13/06 ( 2006.01 )  
F04D 29/58 ( 2006.01 )  
F04D 29/66 ( 2006.01 )  
(87) WO2021/052013  
(31) 201910886287.5 (32) 19.09.19 (33) CN  
(43) 25.03.2021  
(72) SI, Qiaorui; YUAN, Jianping; YUAN,  
Shouqi; LU, Rong; SHEN, Chunhao;  
CAO, Ruijia  
(74) FB Rice Pty Ltd
- 
- (71) John Bean Technologies Corporation  
(11) AU-A-2020221910  
(21) 2020221910 (22) 10.02.2020  
(54) Pick and throw harvesting  
(51) Int. Cl.  
A22C 17/00 ( 2006.01 )  
B25J 11/00 ( 2006.01 )  
B25J 15/06 ( 2006.01 )  
B65G 47/91 ( 2006.01 )  
(87) WO2020/167669  
(31) 62/823,239 (32) 25.03.19 (33) US
- 
- 62/803,824 11.02.19 US  
(43) 20.08.2020  
(72) HOCKER, Jon A.; BLAINE, George R.;  
GILL, Harrison T.; KEOGH, Jonathan;  
SORENSEN, Erick A.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Kabushiki Kaisha Toyota Jidoshokki  
(11) AU-A-2020231886  
(21) 2020231886 (22) 21.02.2020  
(54) Control device for internal combustion  
engine  
(51) Int. Cl.  
F02D 23/02 ( 2006.01 )  
F02B 37/007 ( 2006.01 )  
F02D 41/04 ( 2006.01 )  
(87) WO2020/179500  
(31) 2019-041729 (32) 07.03.19 (33) JP  
(43) 10.09.2020  
(72) MAEDA, Keisuke; HAMADA, Tatsuya  
(74) Griffith Hack
- 
- (71) Kaji Technology Corporation  
(11) AU-A-2020208981  
(21) 2020208981 (22) 15.01.2020  
(54) Gas compressor and production meth-  
od for gas compressor  
(51) Int. Cl.  
F04B 39/00 ( 2006.01 )  
C01B 32/00 ( 2017.01 )  
F16J 9/26 ( 2006.01 )  
F16J 15/18 ( 2006.01 )  
(87) WO2020/149274  
(31) 2019-005223 (32) 16.01.19 (33) JP  
(43) 23.07.2020  
(72) NAKATANI, Yasutaka; MATSUOKA,  
Takashi  
(74) FB Rice Pty Ltd
- 
- (71) Kal-Fire Beheer B.V.  
(11) AU-A-2020206304  
(21) 2020206304 (22) 07.01.2020  
(54) Artificial fireplace  
(51) Int. Cl.  
F24C 7/00 ( 2006.01 )  
G02B 27/14 ( 2006.01 )  
G02B 30/60 ( 2020.01 )  
(87) WO2020/145819  
(31) 2022379 (32) 11.01.19 (33) NL  
(43) 16.07.2020  
(72) VAN SCHIE, Michael Petrus; KHOUW,  
Brian Hok Gwan; HAVIK, Sander Mar-  
tijn; VAN MELICK, Beyko Martijn Eli  
(74) DAVIS IP PTY LTD
- 
- (71) Kal-Fire Beheer B.V.  
(11) AU-A-2020207160  
(21) 2020207160 (22) 07.01.2020  
(54) Method for displaying an artificial fire  
pattern in an artificial fireplace  
(51) Int. Cl.  
F24C 7/00 ( 2006.01 )  
G02B 30/56 ( 2020.01 )  
G02B 30/60 ( 2020.01 )  
(87) WO2020/145818  
(31) 2022380 (32) 11.01.19 (33) NL
- 
- (43) 16.07.2020  
(72) VAN SCHIE, Michael Petrus; KHOUW,  
Brian Hok Gwan; HAVIK, Sander Mar-  
tijn; VAN MELICK, Beyko Martijn Eli  
(74) DAVIS IP PTY LTD
- 
- (71) KBC Groep NV  
(11) AU-A-2020225753  
(21) 2020225753 (22) 21.02.2020  
(54) Improved computer-implemented event  
forecasting and information provision  
(51) Int. Cl.  
G06N 5/00 ( 2006.01 )  
G06N 5/02 ( 2006.01 )  
G06N 5/04 ( 2006.01 )  
G06N 7/00 ( 2006.01 )  
(87) WO2020/169807  
(31) 19158636.1 (32) 21.02.19 (33) EP  
(43) 27.08.2020  
(72) HAYCOCK, Barry; JACKSON, Floyd  
(74) Adams Pluck
- 
- (71) KCI Licensing, Inc.  
(11) AU-A-2019428716  
(21) 2019428716 (22) 25.03.2019  
(54) Wound therapy system with internal al-  
ternating orifice  
(51) Int. Cl.  
A61M 1/00 ( 2006.01 )  
A61B 5/107 ( 2006.01 )  
A61M 3/02 ( 2006.01 )  
(87) WO2020/162953  
(31) 62/802,034 (32) 06.02.19 (33) US  
(43) 13.08.2020  
(72) GONZALEZ, Javier; INGRAM, Shannon  
C.  
(74) Shelston IP Pty Ltd.
- 
- (71) Keygene N.V.  
(11) AU-A-2020225760  
(21) 2020225760 (22) 21.02.2020  
(54) Genotyping of polyploids  
(51) Int. Cl.  
C12Q 1/6827 ( 2018.01 )  
C12Q 1/6869 ( 2018.01 )  
C12Q 1/6895 ( 2018.01 )  
G16B 20/20 ( 2019.01 )  
(87) WO2020/169830  
(31) 19158598.3 (32) 21.02.19 (33) EP  
(43) 27.08.2020  
(72) WHITE, Stefan John; HOGERS, René  
Cornelis Josephus  
(74) Griffith Hack
- 
- (71) Kim, J.  
(11) AU-A-2019427962  
(21) 2019427962 (22) 20.08.2019  
(54) Low-torque water shutoff-type line stop-  
ping valve using stepwise pressure  
point support  
(51) Int. Cl.  
F16K 3/314 ( 2006.01 )  
F16K 3/28 ( 2006.01 )  
F16K 27/04 ( 2006.01 )  
(87) WO2020/159023  
(31) 10-2019-0013151 (32) 31.01.19 (33) KR

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 06.08.2020  
 (72) KIM, Jae Hyun; HONG, Hyun Bae; GU, Dong Ryul  
 (74) Jones Tulloch
- 
- (71) Kobelco Construction Machinery Co., Ltd.  
 (11) AU-A-2020218035  
 (21) 2020218035 (22) 22.01.2020  
 (54) Construction machine  
 (51) Int. Cl.  
*E02F 9/24* ( 2006.01 )  
*E02F 9/26* ( 2006.01 )  
 (87) WO2020/162184  
 (31) 2019-021349 (32) 08.02.19 (33) JP  
 (43) 13.08.2020  
 (72) YOKOTA, Jumpei; FUJIWARA, Yusuke  
 (74) Spruson & Ferguson
- 
- (71) Komatsu Ltd.  
 (11) AU-A-2020263550  
 (21) 2020263550 (22) 07.04.2020  
 (54) System and method for controlling work machines  
 (51) Int. Cl.  
*E02F 9/20* ( 2006.01 )  
*H04Q 9/00* ( 2006.01 )  
 (87) WO2020/217977  
 (31) 2019-082976 (32) 24.04.19 (33) JP  
 (43) 29.10.2020  
 (72) TAKAOKA, Yukihisa  
 (74) Shelston IP Pty Ltd.
- 
- (71) Korea Food Research Institute  
 (11) AU-A-2020225096  
 (21) 2020225096 (22) 20.02.2020  
 (54) Kimchi Lactobacillus Sakei having prophylactic, ameliorating or therapeutic effect on depression and anxiety disorders  
 (51) Int. Cl.  
*A23L 33/135* ( 2016.01 )  
*A61K 35/747* ( 2015.01 )  
*A61P 25/22* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
 (87) WO2020/171633  
 (31) 10-2019-0021068 (32) 22.02.19 (33) KR  
 (43) 27.08.2020  
 (72) CHOI, Hak Jong; KIM, Nam Hee; PARK, Hyo Kyeong; LEE, Ji Eun  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) KPR U.S., LLC  
 (11) AU-A-2020231244  
 (21) 2020231244 (22) 06.03.2020  
 (54) Delivery of fluid from a syringe  
 (51) Int. Cl.  
*A61M 5/142* ( 2006.01 )  
*A61J 1/05* ( 2006.01 )  
*A61J 15/00* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
 (87) WO2020/181246  
 (31) 62/814,989 (32) 07.03.19 (33) US  
 16/686,002 15.11.19 US  
 (43) 10.09.2020  
 (72) BREITWEISER, Kenneth M.; SCHNEIDER, Kurt; GAINES, Robert B.; LEWIS, Thomas G.; BUCKLES, Emma C.; DORSEY, Michael C.; KNAUPER, Christopher A.; BRYANT, Ashanti; FOX, Meghan; MILLER, Jessica Watts  
 (74) Griffith Hack
- 
- (71) Krystal Biotech, Inc.  
 (11) AU-A-2020219343  
 (21) 2020219343 (22) 07.02.2020  
 (54) Compositions and methods for delivering CFTR polypeptides  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
 (87) WO2020/163703  
 (31) 62/802,871 (32) 08.02.19 (33) US  
 (43) 13.08.2020  
 (72) PARRY, Trevor; KRISHNAN, Suma; AGARWAL, Pooja  
 (74) Griffith Hack
- 
- (71) Laboratoire Reaction Dynamics Inc.  
 (11) AU-A-2020213641  
 (21) 2020213641 (22) 30.01.2020  
 (54) Rocket engines  
 (51) Int. Cl.  
*F02K 9/28* ( 2006.01 )  
*F02K 9/08* ( 2006.01 )  
*F02K 9/32* ( 2006.01 )  
 (87) WO2020/154809  
 (31) 62/798,679 (32) 30.01.19 (33) US  
 16/698,201 27.11.19 US  
 16/698,209 27.11.19 US  
 16/698,225 27.11.19 US  
 (43) 06.08.2020  
 (72) ELZEIN, Bachar; GOULET-BOURDON, Maxime; GAGNON, Miguel  
 (74) Spruson & Ferguson
- 
- (71) Lang Fang Jing Long Grand Industrial Machinery Co., Ltd.  
 (11) AU-A-2020210418  
 (21) 2020210418 (22) 10.01.2020  
 (54) Six-arm digging and anchoring integrated machine  
 (51) Int. Cl.  
*E21C 25/06* ( 2006.01 )  
 (87) WO2020/151504  
 (31) 201910074587.3 (32) 25.01.19 (33) CN  
 (43) 30.07.2020  
 (72) PU, Changyan; WU, Limin; LIU, Qi; FAN, Yaohui; JING, Zhiguo; REN, Zhonghua; CUI, Jingbo  
 (74) BOSH IP Pty Ltd
- 
- (71) La Parra Del Soberal, S.L.U  
 (11) AU-A-2020225413  
 (21) 2020225413 (22) 11.02.2020  
 (54) Calving pen  
 (51) Int. Cl.  
*A01K 1/00* ( 2006.01 )  
*A01K 13/00* ( 2006.01 )  
 (87) WO2020/169859  
 (31) P201930154 (32) 22.02.19 (33) ES
- 
- (43) 27.08.2020  
 (72) GARCÍA GONZÁLEZ, Juan; GARCÍA GONZÁLEZ, Jesús  
 (74) WRAYS PTY LTD
- 
- (71) Leonardo UK Ltd  
 (11) AU-A-2020209977  
 (21) 2020209977 (22) 15.01.2020  
 (54) A radio frequency mixer implemented with a photonic circuit  
 (51) Int. Cl.  
*H04B 10/00* ( 2013.01 )  
 (87) WO2020/148337  
 (31) 1900552.9 (32) 15.01.19 (33) GB  
 (43) 23.07.2020  
 (72) FLINT, Ian; MIRZA, Taimur; HAXHA, Shyqyri  
 (74) Griffith Hack
- 
- (71) Levena Biopharma Co., Ltd.  
 (11) AU-A-2020333565  
 (21) 2020333565 (22) 24.04.2020  
 (54) Method for preparing drug toxin PNU-159682 of antibody drug conjugate, and intermediate therein  
 (51) Int. Cl.  
*C07D 413/04* ( 2006.01 )  
*C07D 498/14* ( 2006.01 )  
 (87) WO2021/031599  
 (31) 201910779777.5 (32) 22.08.19 (33) CN  
 (43) 25.02.2021  
 (72) KONG, Lingpei; JIA, Zhongquan; ZHANG, Binbin; CHEN, Yu; XIA, Deyin; GUI, Dong; LI, Haihong; GUO, Maojun; LI, Hui  
 (74) MOHAN MURALI KODIVEL
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2019415665  
 (21) 2019415665 (22) 27.12.2019  
 (54) Washing machine  
 (51) Int. Cl.  
*D06F 37/40* ( 2006.01 )  
*D06F 37/04* ( 2006.01 )  
*D06F 37/30* ( 2020.01 )  
*F16D 1/076* ( 2006.01 )  
*F16D 1/108* ( 2006.01 )  
 (87) WO2020/138992  
 (31) 10-2018-0172837 (32) 28.12.18 (33) KR  
 (43) 02.07.2020  
 (72) LEE, Jeonguk; PYO, Joonho; LEE, Tae-hee  
 (74) FB Rice Pty Ltd
- 
- (71) LG Energy Solution, Ltd.  
 (11) AU-A-2020295214  
 (21) 2020295214 (22) 27.05.2020  
 (54) Battery module comprising base plate provided with gas discharge passage, battery pack, and electric power storage device  
 (51) Int. Cl.  
*H01M 50/20* ( 2021.01 )  
*H01M 10/613* ( 2014.01 )  
*H01M 10/627* ( 2014.01 )  
*H01M 10/653* ( 2014.01 )  
*H01M 10/6556* ( 2014.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- H01M 50/24** ( 2021.01 )  
**H01M 50/308** ( 2021.01 )  
**H01M 50/502** ( 2021.01 )
- (87) WO2020/256304  
(31) 10-2019-0071733 (32) 17.06.19 (33) KR  
(43) 24.12.2020  
(72) YOO, Jae-Min; MUN, Jeong-O; SHIN, Eun-Gyu; LEE, Yoon-Koo  
(74) FB Rice Pty Ltd
- 
- (71) Lifetime Products, Inc.  
(11) AU-A-2020206254  
(21) 2020206254 (22) 09.01.2020  
(54) Table  
(51) Int. Cl.  
**A47B 3/091** ( 2006.01 )
- (87) WO2020/146670  
(31) 16/243,993 (32) 09.01.19 (33) US  
(43) 16.07.2020  
(72) JOHNSON, Mitch; BOYDSTON, Kevin  
(74) Griffith Hack
- 
- (71) Lindsay Transportation Solutions, LLC  
(11) AU-A-2019428371  
(21) 2019428371 (22) 06.08.2019  
(54) Anchorless crash cushion apparatus with transition weldment connectable to a rigid hazard object  
(51) Int. Cl.  
**E01F 15/08** ( 2006.01 )  
**E01F 13/00** ( 2006.01 )  
**E01F 13/02** ( 2006.01 )  
**E01F 15/00** ( 2006.01 )  
**E01F 15/02** ( 2006.01 )  
**E01F 15/14** ( 2006.01 )
- (87) WO2020/162977  
(31) 16/266,549 (32) 04.02.19 (33) US  
(43) 13.08.2020  
(72) ELMORE, Matthew A.; MORALES FLORES, Alvaro E.; LIM, Jason T.; DACAYANAN LOYA, Daniel Paul; DYKE, Gerrit A.; THOMPSON, Jeff M.  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Lindsay Transportation Solutions, LLC  
(11) AU-A-2019428648  
(21) 2019428648 (22) 06.08.2019  
(54) Anchorless crash cushion apparatus with metal nose cap  
(51) Int. Cl.  
**E01F 15/08** ( 2006.01 )  
**E01F 13/00** ( 2006.01 )  
**E01F 13/02** ( 2006.01 )  
**E01F 15/00** ( 2006.01 )  
**E01F 15/14** ( 2006.01 )
- (87) WO2020/162976  
(31) 16/266,503 (32) 04.02.19 (33) US  
(43) 13.08.2020  
(72) ELMORE, Matthew A.; LIM, Jason T.; MORALES FLORES, Alvaro E.; DACAYANAN LOYA, Daniel Paul; DYKE, Gerrit A.; THOMPSON, Jeff M.  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Liu, X.; Wagner, D.R.  
(11) AU-A-2019414963  
(21) 2019414963 (22) 27.12.2019
- (54) Methods and systems for providing a personalized cannabinoid treatment regimen
- (51) Int. Cl.  
**A61K 31/485** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**C12Q 1/6827** ( 2018.01 )
- (87) WO2020/140076  
(31) 62/786,158 (32) 28.12.18 (33) US  
(43) 02.07.2020  
(72) LIU, Xing-liang; WAGNER, Douglas Ry  
(74) AJ PARK
- 
- (71) Liu, J.; Nippon Zoki Pharmaceutical Co., Ltd.  
(11) AU-A-2019426246  
(21) 2019426246 (22) 30.01.2019  
(54) Inhibiting or alleviating agent for inflammation in the brain  
(51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )
- (87) WO2020/154941  
(43) 06.08.2020  
(72) LIU, Jun; LIAO, Wang; FANG, Wenli; FAN, Shengnuo; ZHENG, Yuqiu  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lleidanetworks Serveis Telemàtics S.A.  
(11) AU-A-2018455995  
(21) 2018455995 (22) 31.12.2018  
(54) Universal certified and qualified contracting method  
(51) Int. Cl.  
**H04L 12/58** ( 2006.01 )  
**G06F 21/33** ( 2013.01 )  
**G06Q 10/10** ( 2012.01 )  
**G06Q 50/18** ( 2012.01 )  
**H04L 9/32** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )  
**H04W 4/14** ( 2009.01 )
- (87) WO2020/141232  
(43) 09.07.2020  
(72) SAPENA SOLAR, Francisco Jose  
(74) Madderns Pty Ltd
- 
- (71) Locus Robotics Corp.  
(11) AU-A-2020214841  
(21) 2020214841 (22) 31.01.2020  
(54) Proximate robot object detection and avoidance  
(51) Int. Cl.  
**G05D 1/02** ( 2020.01 )
- (87) WO2020/160387  
(31) 16/264,901 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) JOHNSON, Michael Charles; JOHNSON, Sean; JAQUEZ, Luis; WELTY, Bruce  
(74) Raven IP
- 
- (71) Locus Robotics Corp.  
(11) AU-A-2020215719  
(21) 2020215719 (22) 31.01.2020  
(54) Robot congestion management
- (51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/28** ( 2012.01 )
- (87) WO2020/160459  
(31) 16/265,703 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) JOHNSON, Michael Charles; JAQUEZ, Luis; ALCUTT, Andrew; JOHNSON, Sean  
(74) Raven IP
- 
- (71) Love Your Melon Inc.  
(11) AU-A-2020211573  
(21) 2020211573 (22) 14.01.2020  
(54) Snap fastener receiver techniques  
(51) Int. Cl.  
**A44B 17/00** ( 2006.01 )  
**A42B 1/24** ( 2006.01 )
- (87) WO2020/154132  
(31) 16/257,443 (32) 25.01.19 (33) US  
(43) 30.07.2020  
(72) QUINN, Zachary; CARLISLE, Charles; SUMMERS, Caleb  
(74) FB Rice Pty Ltd
- 
- (71) M.E.P. Macchine Elettroniche Piegatrici S.p.A.  
(11) AU-A-2020217915  
(21) 2020217915 (22) 05.02.2020  
(54) Machine for working bars and corresponding working method  
(51) Int. Cl.  
**B21D 7/022** ( 2006.01 )  
**B21D 7/08** ( 2006.01 )  
**B21D 11/12** ( 2006.01 )  
**B21F 1/00** ( 2006.01 )
- (87) WO2020/161758  
(31) 102019000001631 (32) 05.02.19 (33) IT  
(43) 13.08.2020  
(72) DEL FABRO, Giorgio  
(74) Spruson & Ferguson
- 
- (71) Maplebear Inc. (DBA Instacart)  
(11) AU-A-2020204932  
(21) 2020204932 (22) 03.01.2020  
(54) Providing information for locating an item within a warehouse from a shopper to other shoppers retrieving the item from the warehouse  
(51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06Q 20/20** ( 2012.01 )  
**G06Q 30/00** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )
- (87) WO2020/142751  
(31) 62/788,726 (32) 04.01.19 (33) US  
(43) 09.07.2020  
(72) ZHUANG, Mingzhe; VAN HORNE, Camille; RUDNICK, Christopher; KNIGHT, Ben; JENKINS, Chris; ANDONOVA, Viktoriya; GLUHOVIC, Djordje; SEJPAL, Riddhima; GOLIVKIN, Maksim; RAO, Sharath  
(74) FB Rice Pty Ltd
- 
- (71) Margescu, G.A.  
(11) AU-A-2020355495

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2020355495 (22) 16.09.2020  
 (54) Device transport by air  
 (51) Int. Cl.  
*B64G 1/00* ( 2006.01 )  
*B64G 1/40* ( 2006.01 )  
*B64G 1/14* ( 2006.01 )  
*B64G 1/42* ( 2006.01 )  
 (87) WO2021/058356  
 (31) 16/571,148 (32) 15.09.19 (33) US  
 (43) 01.04.2021  
 (72) MARGESCU, George Alain  
 (74) Margescu George Alain
- 
- (71) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
 (11) AU-A-2019425175  
 (21) 2019425175 (22) 21.01.2019  
 (54) Advanced methods for automated high-performance identification of carbohydrates and carbohydrate mixture composition patterns and systems therefore as well as methods for calibration of multi wavelength fluorescence detection systems therefore, based on new fluorescent dyes  
 (51) Int. Cl.  
*G01N 33/58* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*C07C 311/16* ( 2006.01 )  
*C07D 219/08* ( 2006.01 )  
*C09B 57/00* ( 2006.01 )  
*G01N 21/66* ( 2006.01 )  
 (87) WO2020/151799  
 (43) 30.07.2020  
 (72) RAPP, Erdmann; HENNIG, René; REICHL, Udo; HELL, Stefan; BELOV, Vladimir; BISCHOFF, Matthias; MEINEKE, Dirk; THOMAS, Laura; KOLMAKOV, Kirill; MITRONOVA, Gyuzel; SAVICHEVA, Elizaveta  
 (74) Spruson & Ferguson
- 
- (71) Mayo Foundation for Medical Education and Research; Exact Sciences Development Company, LLC  
 (11) AU-A-2020211461  
 (21) 2020211461 (22) 24.01.2020  
 (54) Detecting endometrial cancer  
 (51) Int. Cl.  
*C12Q 1/6844* ( 2018.01 )  
 (87) WO2020/154665  
 (31) 62/796,384 (32) 24.01.19 (33) US  
 (43) 30.07.2020  
 (72) TAYLOR, William R.; KISIEL, John B.; MAHONEY, Douglas W.; AHLQUIST, David A.; ALLAWI, Hatim T.; GIAKOU-MOPOULOS, Maria  
 (74) Spruson & Ferguson
- 
- (71) Medos International Sàrl  
 (11) AU-A-2020215172  
 (21) 2020215172 (22) 29.01.2020  
 (54) Surgical device for spinal fixation  
 (51) Int. Cl.  
*A61B 17/70* ( 2006.01 )  
 (87) WO2020/157679  
 (31) 16/262,549 (32) 30.01.19 (33) US
- 
- (43) 06.08.2020  
 (72) HALL, Mark  
 (74) Spruson & Ferguson
- 
- (71) Medpacto, Inc.  
 (11) AU-A-2020222326  
 (21) 2020222326 (22) 12.02.2020  
 (54) Anti-BAG2 antibody and methods of treating cancer  
 (51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 5/09* ( 2010.01 )  
 (87) WO2020/165794  
 (31) 10-2019-0016347 (32) 12.02.19 (33) KR  
 10-2019-0016359 12.02.19 KR  
 (43) 20.08.2020  
 (72) KIM, Seong Jin; KANG, Dong Woo  
 (74) WRAYS PTY LTD
- 
- (71) Memic Innovative Surgery Ltd.  
 (11) AU-A-2019418149  
 (21) 2019418149 (22) 30.12.2019  
 (54) Surgical drape for a robotic device  
 (51) Int. Cl.  
*A61B 46/10* ( 2016.01 )  
*A61B 34/00* ( 2016.01 )  
*A61B 34/30* ( 2016.01 )  
*A61B 46/00* ( 2016.01 )  
 (87) WO2020/141517  
 (31) 62/786,452 (32) 30.12.18 (33) US  
 (43) 09.07.2020  
 (72) LEVINSON, Yaron; KONRAD, Michal  
 (74) FB Rice Pty Ltd
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-A-2020216486  
 (21) 2020216486 (22) 31.01.2020  
 (54) Senolytic car-T cells targeting uPAR, a cell surface and secreted senescence biomarker  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2020/160518  
 (31) 62/800,188 (32) 01.02.19 (33) US  
 (43) 06.08.2020  
 (72) SADELAIN, Michel; LOWE, Scott; LEIBOLD, Josef; AMOR, Corina; FEUCHT, Judith  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Meraglim Holdings  
 (11) AU-A-2019416203  
 (21) 2019416203 (22) 24.12.2019  
 (54) Method and system for the creation of fuzzy cognitive maps from extracted concepts  
 (51) Int. Cl.  
*G06N 5/04* ( 2006.01 )
- 
- G06N 5/00* ( 2006.01 )  
 (87) WO2020/139899  
 (31) 62/785,823 (32) 28.12.18 (33) US  
 16/690,120 21.11.19 US  
 (43) 02.07.2020  
 (72) RICKARD, John; RICKARD, James; MORENTHALER, David  
 (74) Shelston IP Pty Ltd.
- 
- (71) Meraglim Holdings  
 (11) AU-A-2019416204  
 (21) 2019416204 (22) 25.12.2019  
 (54) Method and system for predictive analytics through the use of fuzzy cognitive maps in a computing with words architecture  
 (51) Int. Cl.  
*G06N 5/04* ( 2006.01 )  
*G06N 7/00* ( 2006.01 )  
 (87) WO2020/139900  
 (31) 62/785,823 (32) 28.12.18 (33) US  
 16/690,199 21.11.19 US  
 (43) 02.07.2020  
 (72) RICKARDS, John; RICKARD, James; MORGENTHALER, David  
 (74) Shelston IP Pty Ltd.
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2020218844  
 (21) 2020218844 (22) 07.02.2020  
 (54) Treatment of patients at risk of rapid progression of osteoarthritis  
 (51) Int. Cl.  
*A61K 38/18* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
 (87) WO2020/161341  
 (31) 19156281.8 (32) 08.02.19 (33) EP  
 (43) 13.08.2020  
 (72) LADEL, Christoph H.; GUEHRING, Hans  
 (74) Griffith Hack
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2020271838  
 (21) 2020271838 (22) 08.04.2020  
 (54) Pyrimidinone derivatives as SHP2 antagonists  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*C07D 239/22* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 491/107* ( 2006.01 )  
 (87) WO2020/210384  
 (31) 19167897.8 (32) 08.04.19 (33) EP  
 62/879,816 29.07.19 US  
 63/000,257 26.03.20 US  
 (43) 15.10.2020  
 (72) JORAND-LEBRUN, Catherine; BOIVIN, Roch; JOHNSON, Theresa; WANG, Yanping; XIAO, Yufang; CHEN, Xiaoling; LINDE, Nina; MUSCH, Doreen; KUMAR, Deepak  
 (74) Griffith Hack

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Merck Sharp & Dohme Corp.  
 (11) AU-A-2020234785  
 (21) 2020234785 (22) 10.03.2020  
 (54) Anti-cancer combination therapies comprising CTLA-4 and PD-1 blocking agents  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 C07K 16/18 ( 2006.01 )  
 (87) WO2020/185722  
 (31) 62/817,749 (32) 13.03.19 (33) US  
 (43) 17.09.2020  
 (72) LAFACE, Drake; PUNNONEN, Juha; BOWMAN, Edward; BAUCHE, David; CHACKERIAN, Alissa; GREIN, Jeffery; MAUZE, Smita; SAWANT, Anandi; AN-NAMALAI, Lakshmanan  
 (74) Spruson & Ferguson
- 
- (71) Mexichem Fluor S.A. de C.V.  
 (11) AU-A-2020222044  
 (21) 2020222044 (22) 11.02.2020  
 (54) Compositions  
 (51) Int. Cl.  
 C09K 5/04 ( 2006.01 )  
 (87) WO2020/165571  
 (31) PCT/GB2019/052290 (32) 14.08.19 (33) GB  
 1901890.2 11.02.19 GB  
 1901885.2 11.02.19 GB  
 (43) 20.08.2020  
 (72) LOW, Robert  
 (74) Michael Buck IP
- 
- (71) Microphyt  
 (11) AU-A-2020225432  
 (21) 2020225432 (22) 21.02.2020  
 (54) Food supplement  
 (51) Int. Cl.  
 A23L 17/60 ( 2016.01 )  
 A23L 33/105 ( 2016.01 )  
 A23L 33/11 ( 2016.01 )  
 A23L 33/115 ( 2016.01 )  
 A23L 33/12 ( 2016.01 )  
 A61P 25/28 ( 2006.01 )  
 (87) WO2020/169936  
 (31) 19/01820 (32) 22.02.19 (33) FR  
 (43) 27.08.2020  
 (72) PRADELLES, Rémi; DELBRUT, Antoine  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Microsoft Technology Licensing, LLC  
 (11) AU-A-2020231288  
 (21) 2020231288 (22) 24.02.2020  
 (54) Latency adjustment of user input devices  
 (51) Int. Cl.  
 A63F 13/22 ( 2014.01 )  
 A63F 13/40 ( 2014.01 )  
 G06F 11/34 ( 2006.01 )  
 (87) WO2020/180511  
 (31) 16/290,867 (32) 02.03.19 (33) US  
 (43) 10.09.2020  
 (72) MCALLEN, Christopher Michael; BRONDER, Matthew; GOOSSEN, James Andrew; TECTOR, Christopher John; KALACHE, Hamze  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Microsoft Technology Licensing, LLC  
 (11) AU-A-2020241282  
 (21) 2020241282 (22) 30.01.2020  
 (54) Relative spatial localization of mobile devices  
 (51) Int. Cl.  
 G06T 19/00 ( 2011.01 )  
 G01S 5/00 ( 2006.01 )  
 H04W 4/02 ( 2018.01 )  
 (87) WO2020/190387  
 (31) 16/357,582 (32) 19.03.19 (33) US  
 (43) 24.09.2020  
 (72) POLLEFEYS, Marc Andre Leon  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Microsoft Technology Licensing LLC  
 (11) AU-A-2020239982  
 (21) 2020239982 (22) 13.03.2020  
 (54) Phase estimation with randomized hamiltonians  
 (51) Int. Cl.  
 G06N 10/00 ( 2019.01 )  
 (87) WO2020/190743  
 (31) 62/819,301 (32) 15.03.19 (33) US  
 16/430,205 03.06.19 US  
 (43) 24.09.2020  
 (72) GRANADE, Christopher; WIEBE, Nathan O.; KIVLICHAN, Ian  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Minerva Biotechnologies Corporation  
 (11) AU-A-2020219046  
 (21) 2020219046 (22) 04.02.2020  
 (54) Anti-NME antibody and method of treating cancer or cancer metastasis  
 (51) Int. Cl.  
 A01K 67/027 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 C07K 16/30 ( 2006.01 )  
 (87) WO2020/163325  
 (31) 62/830,768 (32) 08.04.19 (33) US  
 62/800,941 04.02.19 US  
 62/840,769 30.04.19 US  
 62/965,035 23.01.20 US  
 (43) 13.08.2020  
 (72) BAMDAD, Cynthia; SMAGGHE, Benoit  
 (74) WRAYS PTY LTD
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-A-2019426474  
 (21) 2019426474 (22) 28.06.2019  
 (54) Antenna device and radar device  
 (51) Int. Cl.  
 H01Q 21/06 ( 2006.01 )  
 H01Q 3/24 ( 2006.01 )  
 (87) WO2020/158009  
 (31) PCT/JP2019/003384 (32) 31.01.19 (33) JP  
 (43) 06.08.2020  
 (72) MARUYAMA, Takashi; KIRITA, Mitsuru; UDAGAWA, Shigeo  
 (74) Griffith Hack
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-A-2019438605  
 (21) 2019438605 (22) 02.04.2019  
 (54) Air conditioner  
 (51) Int. Cl.  
 F25B 1/00 ( 2006.01 )  
 F24F 11/36 ( 2018.01 )  
 F25B 49/02 ( 2006.01 )  
 (87) WO2020/202465  
 (43) 08.10.2020  
 (72) YAMAGUCHI, Koji  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ModernaTX, Inc.  
 (11) AU-A-2020214425  
 (21) 2020214425 (22) 31.01.2020  
 (54) Vortex mixers and associated methods, systems, and apparatuses thereof  
 (51) Int. Cl.  
 B01F 5/00 ( 2006.01 )  
 B01F 13/00 ( 2006.01 )  
 B01F 13/10 ( 2006.01 )  
 (87) WO2020/160430  
 (31) 62/799,636 (32) 31.01.19 (33) US  
 62/886,592 14.08.19 US  
 (43) 06.08.2020  
 (72) KIRBY, Stephanie; GELDHOF, Benjamin; VIK, Kaelyn; SKINNER, Brie  
 (74) Griffith Hack
- 
- (71) ModernaTX, Inc.  
 (11) AU-A-2020214843  
 (21) 2020214843 (22) 31.01.2020  
 (54) Methods of preparing lipid nanoparticles  
 (51) Int. Cl.  
 A61K 9/51 ( 2006.01 )  
 A61K 9/127 ( 2006.01 )  
 A61K 47/69 ( 2017.01 )  
 A61K 48/00 ( 2006.01 )  
 (87) WO2020/160397  
 (31) 62/799,620 (32) 31.01.19 (33) US  
 (43) 06.08.2020  
 (72) SMITH, Mike; HORHOTA, Allen; AUER, Jason; SKINNER, Brie  
 (74) Griffith Hack
- 
- (71) MTD Products Inc.  
 (11) AU-A-2020216439  
 (21) 2020216439 (22) 31.01.2020  
 (54) Operator control system for an outdoor power equipment machine  
 (51) Int. Cl.  
 G05G 9/047 ( 2006.01 )  
 A01D 34/00 ( 2006.01 )  
 A01D 34/68 ( 2006.01 )  
 E02F 9/20 ( 2006.01 )  
 (87) WO2020/160438  
 (31) 62/800,558 (32) 03.02.19 (33) US  
 (43) 06.08.2020  
 (72) SMITH, Aaron; MEISTER, Kevin; MAGGARD, Jay E.  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MTI Biotech, Inc.; Moore, K.; Murphy, M.P.; Abumrad, N.; Fuller, J.J.  
 (11) AU-A-2020212612  
 (21) 2020212612 (22) 27.01.2020



PCT applications which have entered the National Phase - Name Index cont'd

- (54) Triphenylphosphonium-tethered salicyl-amine derivatives  
 (51) Int. Cl.  
**A61P 39/06** ( 2006.01 )  
**C07C 215/50** ( 2006.01 )  
**C07F 9/54** ( 2006.01 )  
 (87) WO2020/154731  
 (31) 62/796,999 (32) 25.01.19 (33) US  
 (43) 30.07.2020  
 (72) MOORE, Kevin; MURPHY, Michael P.; ABUMRAD, Najj; FULLER, John Jr.  
 (74) WRAYS PTY LTD
- 
- (71) MW Matrix Inc.  
 (11) AU-A-2019433190  
 (21) 2019433190 (22) 01.03.2019  
 (54) Microwave oscillator and matrix-type microwave oscillator based thereon  
 (51) Int. Cl.  
**G01S 13/88** ( 2006.01 )  
**G01S 7/03** ( 2006.01 )  
 (87) WO2020/180281  
 (43) 10.09.2020  
 (72) TARASOV, Mark  
 (74) Discover IP
- 
- (71) N.V. Nutricia  
 (11) AU-A-2020287909  
 (21) 2020287909 (22) 04.06.2020  
 (54) Nutritional composition comprising 2'fucosyllactose and 3'galactosyllactose  
 (51) Int. Cl.  
**A23L 33/10** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/12** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 31/702** ( 2006.01 )  
**A23C 9/20** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
 (87) WO2020/245313  
 (31) 19178300.0 (32) 04.06.19 (33) EP  
 (43) 10.12.2020  
 (72) POTAPPEL-VAN'T LAND, Belinda; RENES, Ingrid Brunhilde; WI-ERTSEMA, Selma Paulien; THOMASSEN, Gabriël; OVERBEEK, Saskia Adriana; BEN AMOR, Kaouther; BRABER, Saskia  
 (74) Griffith Hack
- 
- (71) Nanjingjinsirui Science & Technology Biology Corp.; Nanjing Legend Biotech Co., Ltd.  
 (11) AU-A-2019415848  
 (21) 2019415848 (22) 27.12.2019  
 (54) Claudin18.2 binding moieties and uses thereof  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2020/135674  
 (31) PCT/ CN2018/125052 (32) 28.12.18 (33) CN  
 PCT/ 12.07.19 CN  
 CN2019/095827
- 
- (43) 02.07.2020  
 (72) YIN, Liusong; ZHOU, Tielin; FANG, Zhuo; LIU, Yong; ZHUANG, Qiuchuan; WU, Bo; FAN, Xiaohu; ZHANG, Qingshan; ZHAO, Dan; MAO, Jie  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Nanjing University of Aeronautics and Astronautics  
 (11) AU-A-2020305426  
 (21) 2020305426 (22) 10.04.2020  
 (54) Double-sided coupling photovoltaic cell system based on reflection and condensation  
 (51) Int. Cl.  
**H01L 31/043** ( 2014.01 )  
**H01L 31/068** ( 2012.01 )  
**H01L 51/42** ( 2006.01 )  
**H01L 51/44** ( 2006.01 )  
 (87) WO2020/258989  
 (31) 201910558571.X (32) 26.06.19 (33) CN  
 (43) 30.12.2020  
 (72) XUAN, Yimin; ZHENG, Likai  
 (74) Madderns Pty Ltd
- 
- (71) Nanologica AB  
 (11) AU-A-2020257990  
 (21) 2020257990 (22) 15.04.2020  
 (54) Empty porous particles for use in treatment, prevention and/or postponement of degeneration of neurodegenerative diseases, neurons and glia.  
 (51) Int. Cl.  
**G01N 33/543** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**G01N 33/68** ( 2006.01 )  
 (87) WO2020/212418  
 (31) 1950470-3 (32) 15.04.19 (33) SE  
 (43) 22.10.2020  
 (72) FEILER, Adam; KOZLOVA, Elena; ZHOU, Chunfang; ISRAELSON, Adrian; SHOSHAN-BARMATZ, Varda  
 (74) James & Wells Intellectual Property
- 
- (71) National Institute of Advanced Industrial Science and Technology; Daicel Corporation  
 (11) AU-A-2020234222  
 (21) 2020234222 (22) 03.03.2020  
 (54) Modified carbon nanomaterial, nanocluster, substance delivery carrier and pharmaceutical composition  
 (51) Int. Cl.  
**B82Y 5/00** ( 2011.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 47/04** ( 2006.01 )  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**C01B 32/15** ( 2017.01 )  
**C01B 32/28** ( 2017.01 )  
 (87) WO2020/184272  
 (31) 2019-044209 (32) 11.03.19 (33) JP
- 
- (43) 17.09.2020  
 (72) MIYAKO, Eijiro; YU, Yue; NISHIKAWA, Masahiro; LIU, Ming; TEI, Takahiro  
 (74) Griffith Hack
- 
- (71) National Institute of Advanced Industrial Science and Technology; Daicel Corporation  
 (11) AU-A-2020239426  
 (21) 2020239426 (22) 03.03.2020  
 (54) Optically heat-generating composite material, nanocluster, substance delivery carrier and pharmaceutical composition  
 (51) Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 33/44** ( 2006.01 )  
**A61K 41/00** ( 2020.01 )  
**A61K 47/52** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C01B 32/15** ( 2017.01 )  
**C01B 32/28** ( 2017.01 )  
 (87) WO2020/184271  
 (31) 2019-045505 (32) 13.03.19 (33) JP  
 (43) 17.09.2020  
 (72) MIYAKO, Eijiro; YU, Yue; NISHIKAWA, Masahiro; LIU, Ming; TEI, Takahiro  
 (74) Griffith Hack
- 
- (71) NEOGAP Therapeutics AB  
 (11) AU-A-2019416071  
 (21) 2019416071 (22) 24.12.2019  
 (54) Phagocytisable particle for use in the treatment or prophylaxis of cancer  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (87) WO2020/136209  
 (31) 1821205.0 (32) 24.12.18 (33) GB  
 (43) 02.07.2020  
 (72) GRONLUND, Hans  
 (74) FB Rice Pty Ltd
- 
- (71) Netflix, Inc.  
 (11) AU-A-2020222959  
 (21) 2020222959 (22) 11.02.2020  
 (54) Techniques for advancing playback of interactive media titles in response to user selections  
 (51) Int. Cl.  
**H04N 21/44** ( 2011.01 )  
**H04N 21/845** ( 2011.01 )  
**H04N 21/8541** ( 2011.01 )  
 (87) WO2020/167801  
 (31) 16/273,082 (32) 11.02.19 (33) US  
 (43) 20.08.2020  
 (72) WATSON, Mark  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Neutron Holdings, Inc., DBA Lime  
 (11) AU-A-2020204713  
 (21) 2020204713 (22) 03.01.2020  
 (54) Rechargeable battery kiosk for light electric vehicles  
 (51) Int. Cl.  
**G07F 15/00** ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- B60L 53/80** ( 2019.01 )  
**H02J 7/00** ( 2006.01 )  
**(87)** WO2020/142738  
**(31)** 62/788,641 **(32)** 04.01.19 **(33)** US  
**(43)** 09.07.2020  
**(72)** STEINER, Michael; KRAWCZYK, David  
**(74)** Dentons Patent Attorneys Australasia Limited
- 
- (71)** New Growth Fitness LLC  
**(11)** AU-A-2020219775  
**(21)** 2020219775 **(22)** 04.02.2020  
**(54)** Barbell grips  
**(51)** Int. Cl.  
**A63B 23/16** ( 2006.01 )  
**A63B 21/072** ( 2006.01 )  
**(87)** WO2020/163404  
**(31)** 62/800,593 **(32)** 04.02.19 **(33)** US  
**(43)** 13.08.2020  
**(72)** LEADBETTER, Matt  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NewSouth Innovations Pty Limited  
**(11)** AU-A-2020213609  
**(21)** 2020213609 **(22)** 31.01.2020  
**(54)** Liposomal nanoparticle  
**(51)** Int. Cl.  
**C12N 15/88** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 41/00** ( 2020.01 )  
**A61K 47/54** ( 2017.01 )  
**A61K 47/69** ( 2017.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(87)** WO2020/154774  
**(31)** 2019900286 **(32)** 31.01.19 **(33)** AU  
**(43)** 06.08.2020  
**(72)** GOLDYS, Ewa; DENG, Wei; ALP AK-SOY, Yagiz  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** Nill, L.  
**(11)** AU-A-2020223335  
**(21)** 2020223335 **(22)** 14.02.2020  
**(54)** Anchor and railing assembly  
**(51)** Int. Cl.  
**E02D 27/00** ( 2006.01 )  
**E02D 5/74** ( 2006.01 )  
**E02D 27/42** ( 2006.01 )  
**E04B 1/38** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
**(87)** WO2020/168219  
**(31)** PCT/ **(32)** 19.02.19 **(33)** US  
 US2019/018592  
 PCT/ 05.04.19 US  
 US2019/026058  
 PCT/ 24.07.19 US  
 US2019/043264  
 PCT/ 12.08.19 US  
 US2019/046201  
 PCT/ 04.09.19 US  
 US2019/049549  
 16/677,236 07.11.19 US  
 62/805,684 14.02.19 US  
**(43)** 20.08.2020  
**(72)** NILL, Lance  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NodThera Limited  
**(11)** AU-A-2020211361  
**(21)** 2020211361 **(22)** 24.01.2020  
**(54)** Carbamate derivatives and uses thereof  
**(51)** Int. Cl.  
**A61P 25/28** ( 2006.01 )  
**A61K 31/415** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 207/327** ( 2006.01 )  
**C07D 239/26** ( 2006.01 )  
**C07D 249/10** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**(87)** WO2020/152361  
**(31)** 62/796,724 **(32)** 25.01.19 **(33)** US  
**(43)** 30.07.2020  
**(72)** BOCK, Mark G.; HARRISON, David  
**(74)** RnB IP Pty Ltd
- 
- (71)** Novarock Biotherapeutics, Ltd.  
**(11)** AU-A-2020217012  
**(21)** 2020217012 **(22)** 03.02.2020  
**(54)** Anti-claudin 18 antibodies and methods of use thereof  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**(87)** WO2020/160560  
**(31)** 62/800,359 **(32)** 01.02.19 **(33)** US  
 62/891,925 26.08.19 US  
**(43)** 06.08.2020  
**(72)** LI, Han; LEI, Ming; PEI, Yi; HUANG, Haichun  
**(74)** Cotters Patent & Trade Mark Attorneys
- 
- (71)** Novartis AG  
**(11)** AU-A-2020217863  
**(21)** 2020217863 **(22)** 04.02.2020  
**(54)** Technique for determining a state of multiple sclerosis in a patient  
**(51)** Int. Cl.  
**G16H 10/20** ( 2018.01 )  
**G16H 50/30** ( 2018.01 )  
**(87)** WO2020/161131  
**(31)** 62/801,781 **(32)** 06.02.19 **(33)** US  
**(43)** 13.08.2020  
**(72)** PIANI MEIER, Daniela; TOMIC, Davorka Lucia; TOLLEY, Chloe; BENNETT, Bryan Martin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novartis AG; Friedrich Miescher Institute for Biomedical Research  
**(11)** AU-A-2020229085  
**(21)** 2020229085 **(22)** 24.02.2020  
**(54)** Compositions and methods to treat biallelic crystalline dystrophy  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**C12N 9/02** ( 2006.01 )  
**(87)** WO2020/174368  
**(31)** 62/810,250 **(32)** 25.02.19 **(33)** US
- 
- (43)** 03.09.2020  
**(72)** BELL, Christie L.; KROL, Jacek; JUETTNER, Josephine; MCGEE, Terri; ROSKA, Botond  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novus International Inc.  
**(11)** AU-A-2020233370  
**(21)** 2020233370 **(22)** 03.03.2020  
**(54)** Reducing the risk of viral infection due to viral contaminated feed  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/166** ( 2006.01 )  
**A61K 31/185** ( 2006.01 )  
**(87)** WO2020/180877  
**(31)** 62/813,247 **(32)** 04.03.19 **(33)** US  
**(43)** 10.09.2020  
**(72)** LAWRENCE, Bradley Van; BURESH, Robert Edward  
**(74)** RNB IP PTY LTD
- 
- (71)** Ocado Innovation Limited  
**(11)** AU-A-2020224377  
**(21)** 2020224377 **(22)** 19.02.2020  
**(54)** Storage system and method  
**(51)** Int. Cl.  
**B65G 1/04** ( 2006.01 )  
**B65D 21/00** ( 2006.01 )  
**B65D 77/04** ( 2006.01 )  
**(87)** WO2020/170037  
**(31)** 1902230.0 **(32)** 19.02.19 **(33)** GB  
**(43)** 27.08.2020  
**(72)** WHELAN, Matthew; TURE LINDBO, Lars Sverker; INGRAM-TEDD, Andrew; CLARKE, Paul  
**(74)** Griffith Hack
- 
- (71)** Omotola, A.  
**(11)** AU-A-2019418722  
**(21)** 2019418722 **(22)** 21.11.2019  
**(54)** Scraper sponge  
**(51)** Int. Cl.  
**A47L 13/12** ( 2006.01 )  
**A47L 13/022** ( 2006.01 )  
**A47L 13/08** ( 2006.01 )  
**A47L 13/16** ( 2006.01 )  
**A47L 17/00** ( 2006.01 )  
**(87)** WO2020/142091  
**(31)** 62/917,756 **(32)** 31.12.18 **(33)** US  
 16/602,099 12.08.19 US  
**(43)** 09.07.2020  
**(72)** OMOTOLA, Alahandro O.  
**(74)** Wallington-Dummer
- 
- (71)** Oticara, Inc.  
**(11)** AU-A-2020229360  
**(21)** 2020229360 **(22)** 27.02.2020  
**(54)** Method for treating nasal, sinonasal, and nasopharyngeal tissue infection and/or inflammation  
**(51)** Int. Cl.  
**A61M 15/00** ( 2006.01 )  
**A61M 11/00** ( 2006.01 )  
**A61M 15/08** ( 2006.01 )  
**(87)** WO2020/176754  
**(31)** 62/811,169 **(32)** 27.02.19 **(33)** US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 03.09.2020  
(72) SLATER, Patrick  
(74) Spruson & Ferguson
- 
- (71) Panasonic Intellectual Property Management Co., Ltd.  
(11) AU-A-2020219551  
(21) 2020219551 (22) 30.01.2020  
(54) Refrigerator  
(51) Int. Cl.  
*F25D 11/02* (2006.01)  
*F25D 17/06* (2006.01)  
*F25D 25/00* (2006.01)  
(87) WO2020/162307  
(31) 2019-019333 (32) 06.02.19 (33) JP  
(43) 13.08.2020  
(72) TAGA Kazusa; KAKIUCHI Shota; TSUTSUMI Saaya  
(74) Griffith Hack
- 
- (71) Petróleo Brasileiro S.A. - Petrobras; Serviço Nacional de Aprendizagem Industrial - Departamento Regional de Santa Catarina  
(11) AU-A-2019416797  
(21) 2019416797 (22) 19.12.2019  
(54) Mecanum wheels applied to the system for moving a suspended mobile platform on vertical and horizontal flat surfaces  
(51) Int. Cl.  
*B60B 19/12* (2006.01)  
*B60B 19/00* (2006.01)  
*B62D 57/00* (2006.01)  
(87) WO2020/132729  
(31) BR (32) 28.12.18 (33) BR  
1020180773801  
(43) 02.07.2020  
(72) KOEBSCH, Andre; REZENDE, Ariel Paulo; MARCON ZANATTA, André; SECCO, Ismael José; KAPP, Walter  
(74) FB Rice Pty Ltd
- 
- (71) Petróleo Brasileiro S.A. - Petrobras; Serviço Nacional De Aprendizagem Industrial - Departamento Regional de Santa Catarina  
(11) AU-A-2019416798  
(21) 2019416798 (22) 26.12.2019  
(54) Cable robot for coating procedures  
(51) Int. Cl.  
*B05B 13/04* (2006.01)  
*B05B 3/00* (2006.01)  
*B05B 13/02* (2006.01)  
*B05B 15/60* (2018.01)  
*B05B 17/00* (2006.01)  
*B63B 59/00* (2006.01)  
(87) WO2020/132734  
(31) BR (32) 28.12.18 (33) BR  
102018077363-1  
(43) 02.07.2020  
(72) KOEBSCH, Andre; MARCON ZANATTA, André; REZENDE, Ariel Paulo; SECCO, Ismael José; KAPP, Walter  
(74) FB Rice Pty Ltd
- 
- (71) Pfizer Inc.  
(11) AU-A-2020225578  
(21) 2020225578 (22) 20.02.2020  
(54) Methods for purifying bacterial polysaccharides  
(51) Int. Cl.  
*C12P 19/04* (2006.01)  
*A61K 39/09* (2006.01)  
*C07K 16/00* (2006.01)  
(87) WO2020/170190  
(31) 62/808,907 (32) 22.02.19 (33) US  
(43) 27.08.2020  
(72) CHU, Ling; COOK, Scott Andrew; MERCHANT, Nishith; MORAN, Justin Keith  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Philip Morris Products S.A.  
(11) AU-A-2020288848  
(21) 2020288848 (22) 05.06.2020  
(54) Liquid tobacco extract, method for making and aerosol-generating articles comprising such  
(51) Int. Cl.  
*A23L 5/20* (2016.01)  
*A24B 15/00* (2006.01)  
*A24B 15/24* (2006.01)  
(87) WO2020/245414  
(31) 19178548.4 (32) 05.06.19 (33) EP  
(43) 10.12.2020  
(72) BIASIOLI, Matteo; FARINE, Marie; FRAUENDORFER, Felix; KUC, Jagoda; LANASPÈZE, Sébastien; LAUENSTEIN, Stefan; MIVELAZ, Benoît; RAPHOZ, Christel; SILVESTRI, Patrick Charles; TZI-MOULIS, Steve  
(74) Spruson & Ferguson
- 
- (71) Pieris Pharmaceuticals GmbH  
(11) AU-A-2020253034  
(21) 2020253034 (22) 27.03.2020  
(54) Inhaled administration of lipocalin muteins  
(51) Int. Cl.  
*A61K 38/17* (2006.01)  
*A61K 9/00* (2006.01)  
*A61P 9/00* (2006.01)  
*A61P 11/00* (2006.01)  
*A61P 25/28* (2006.01)  
*A61P 29/00* (2006.01)  
*A61P 31/04* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 37/00* (2006.01)  
(87) WO2020/201038  
(31) 62/826,767 (32) 29.03.19 (33) US  
19166435.8 01.04.19 EP  
19175818.4 22.05.19 EP  
19177568.3 31.05.19 EP  
19211404.9 26.11.19 EP  
(43) 08.10.2020  
(72) MATSCHINER, Gabriele; FITZGERALD, Mary; MOUSA, Ahmed; WELK, Vanessa; ANDERSON, Gary; WRIGHT, Christine; JAQUIN, Thomas  
(74) Spruson & Ferguson
- 
- (71) Pivot Bio, Inc.  
(11) AU-A-2020218745  
(21) 2020218745 (22) 04.02.2020
- 
- (54) Improved consistency of crop yield through biological nitrogen fixation  
(51) Int. Cl.  
*C05C 5/00* (2006.01)  
*C05C 3/00* (2006.01)  
*C05F 11/08* (2006.01)  
*C12N 1/20* (2006.01)  
(87) WO2020/163251  
(31) 62/801,504 (32) 05.02.19 (33) US  
62/960,633 13.01.20 US  
(43) 13.08.2020  
(72) REISINGER, Mark; SANDERS, Ernest; TEMME, Karsten  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Praxis Biotech LLC  
(11) AU-A-2020229748  
(21) 2020229748 (22) 24.02.2020  
(54) Inhibitors of Integrated Stress Response pathway  
(51) Int. Cl.  
*A61K 31/075* (2006.01)  
*A61K 31/16* (2006.01)  
*A61K 31/40* (2006.01)  
*C07D 207/02* (2006.01)  
*C07D 207/04* (2006.01)  
(87) WO2020/176428  
(31) 62/810,324 (32) 25.02.19 (33) US  
62/943,643 04.12.19 US  
(43) 03.09.2020  
(72) BERNALES, Sebastian; DELGADO OYARZO, Luz Marina; NÚÑEZ VASQUEZ, Gonzalo Esteban; URETA DÍAZ, Gonzalo Andrés; PUJALA, Brahmam; PANPATIL, Dayanand  
(74) AJ PARK
- 
- (71) Prilenia Neurotherapeutics Ltd.  
(11) AU-A-2020218158  
(21) 2020218158 (22) 04.02.2020  
(54) Low dose pridopidine for Parkinson's Disease and other diseases associated with parkinsonism  
(51) Int. Cl.  
*A61K 31/451* (2006.01)  
*A61K 9/20* (2006.01)  
*A61P 25/00* (2006.01)  
*A61P 25/16* (2006.01)  
(87) WO2020/161707  
(31) 62/800,803 (32) 04.02.19 (33) US  
(43) 13.08.2020  
(72) HAYDEN, Michael; GEVA, Michal; CENCI NILSSON, Angela  
(74) Griffith Hack
- 
- (71) Prokarium Limited  
(11) AU-A-2020215254  
(21) 2020215254 (22) 30.01.2020  
(54) Modified strain of Salmonella enterica Typhi  
(51) Int. Cl.  
*A61K 39/112* (2006.01)  
*C12N 15/74* (2006.01)  
*A61K 39/00* (2006.01)  
(87) WO2020/157203  
(31) 19154550.8 (32) 30.01.19 (33) EP

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 06.08.2020  
 (72) CRANENBURGH, Rocky Marc; SOULIER, Annelise Juliette  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2020218528  
 (21) 2020218528 (22) 06.02.2020  
 (54) Sounding reference signal (SRS) resource and resource set configurations for positioning  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 H04W 64/00 ( 2009.01 )  
 (87) WO2020/163597  
 (31) 20190100070 (32) 08.02.19 (33) GR 16/783,129 05.02.20 US  
 (43) 13.08.2020  
 (72) MANOLAKOS, Alexandros; AKKARAKARAN, Sony; FISCHER, Sven  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2020222877  
 (21) 2020222877 (22) 07.02.2020  
 (54) Dynamic hybrid automatic repeat request (HARQ) codebook for multi-transmit receive point (TRP) communication  
 (51) Int. Cl.  
 H04L 1/16 ( 2006.01 )  
 H04L 1/18 ( 2006.01 )  
 H04L 5/00 ( 2006.01 )  
 (87) WO2020/167612  
 (31) 62/805,766 (32) 14.02.19 (33) US 16/783,983 06.02.20 US  
 (43) 20.08.2020  
 (72) KHOSHNEVISAN, Mostafa; SUN, Jing; ZHANG, Xiaoxia  
 (74) Madderns Pty Ltd
- 
- (71) Ranpak Corp.  
 (11) AU-A-2020211581  
 (21) 2020211581 (22) 16.01.2020  
 (54) Coiler for a dunnage conversion machine and method for coiling a strip of dunnage  
 (51) Int. Cl.  
 B31D 5/00 ( 2017.01 )  
 B65H 54/58 ( 2006.01 )  
 (87) WO2020/154172  
 (31) 62/796,970 (32) 25.01.19 (33) US (43) 30.07.2020  
 (72) VAN DER KAAP, Jordy; HENDRIX, Ron H.J.; BRULS, Ruud E.J.  
 (74) FB Rice Pty Ltd
- 
- (71) Reckitt Benckiser Health Limited  
 (11) AU-A-2020215141  
 (21) 2020215141 (22) 28.01.2020  
 (54) Orodispersible tablet  
 (51) Int. Cl.  
 A61K 31/192 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 47/12 ( 2006.01 )  
 (87) WO2020/157484  
 (31) 1901137.8 (32) 28.01.19 (33) GB
- 
- (43) 06.08.2020  
 (72) BARNETT, Steven Louis; GORDON, Calum McIntosh; HANNING, Jennifer Esme; KLÖH, Tracy Emmanuelle  
 (74) Madderns Pty Ltd
- 
- (71) Redefine Meat Ltd.  
 (11) AU-A-2020211093  
 (21) 2020211093 (22) 26.01.2020  
 (54) Meat analogues and methods of producing the same  
 (51) Int. Cl.  
 A23J 3/22 ( 2006.01 )  
 A23L 13/60 ( 2016.01 )  
 A23P 20/20 ( 2016.01 )  
 B33Y 10/00 ( 2015.01 )  
 (87) WO2020/152689  
 (31) 1901092.5 (32) 26.01.19 (33) GB (43) 30.07.2020  
 (72) BEN-SHITRIT, Eshchar; TOMSOV, Alexey; MANDELIK, Daniel; DIKOVSKY, Daniel; SILBERSTEIN, Shai  
 (74) James & Wells Intellectual Property
- 
- (71) ReGen III Corp.  
 (11) AU-A-2020218006  
 (21) 2020218006 (22) 05.02.2020  
 (54) Method and system for re-refining and upgrading used oil  
 (51) Int. Cl.  
 C10G 67/04 ( 2006.01 )  
 B01D 11/04 ( 2006.01 )  
 (87) WO2020/160662  
 (31) 19155542.4 (32) 05.02.19 (33) EP (43) 13.08.2020  
 (72) DRIEDGER, Gordon; MOORE, Zachary  
 (74) Spruson & Ferguson
- 
- (71) RemeGen Co., Ltd.  
 (11) AU-A-2020401160  
 (21) 2020401160 (22) 09.12.2020  
 (54) Pharmaceutical TACI-Fc fusion protein formulation  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 A61K 38/16 ( 2006.01 )  
 A61K 38/17 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 37/02 ( 2006.01 )  
 C07K 19/00 ( 2006.01 )  
 (87) WO2021/115321  
 (31) 201911261372.9 (32) 10.12.19 (33) CN (43) 17.06.2021  
 (72) XU, Qiaoyu; LI, Zhuanglin; YAO, Xuejing; FANG, Jianmin  
 (74) FB Rice Pty Ltd
- 
- (71) Rensselaer Polytechnic Institute  
 (11) AU-A-2020218564  
 (21) 2020218564 (22) 10.02.2020  
 (54) A contraceptive vaccine based on the sperm-associated protein Catsper  
 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )  
 A61K 35/52 ( 2015.01 )
- 
- A61K 39/395 ( 2006.01 )  
 A61P 15/16 ( 2006.01 )  
 A61P 15/18 ( 2006.01 )  
 C07K 14/705 ( 2006.01 )  
 C12N 7/04 ( 2006.01 )  
 (87) WO2020/163853  
 (31) 62/802,922 (32) 08.02.19 (33) US 62/970,249 05.02.20 US  
 (43) 13.08.2020  
 (72) BYSTROFF, Christopher; CHUNG, Jean-Ju Lucia  
 (74) Spruson & Ferguson
- 
- (71) Repligen Corporation  
 (11) AU-A-2019419406  
 (21) 2019419406 (22) 30.12.2019  
 (54) Filter for mammalian cell culture perfusion and clarification with hydrophobic hollow fiber  
 (51) Int. Cl.  
 B01D 29/66 ( 2006.01 )  
 B01D 39/16 ( 2006.01 )  
 (87) WO2020/142445  
 (31) 62/786,884 (32) 31.12.18 (33) US 62/846,934 13.05.19 US  
 (43) 09.07.2020  
 (72) BRANSBY, Michael; CARROLL, Derek; YUEN, Philip  
 (74) Spruson & Ferguson
- 
- (71) Research & Business Foundation Sungkyunkwan University  
 (11) AU-A-2020219685  
 (21) 2020219685 (22) 07.02.2020  
 (54) Toll-like receptor 7 or 8 agonist-cholesterol complex, and use of same  
 (51) Int. Cl.  
 A61K 47/54 ( 2017.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/39 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61K 47/69 ( 2017.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2020/162705  
 (31) 10-2019-0014756 (32) 08.02.19 (33) KR 10-2020-0014775 07.02.20 KR  
 (43) 13.08.2020  
 (72) LIM, Yong Taik; SHIN, Hong Sik; REN, Long  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Research Institute at Nationwide Children's Hospital; Ohio State Innovation Foundation  
 (11) AU-A-2020217708  
 (21) 2020217708 (22) 04.02.2020  
 (54) Adeno-associated virus delivery of CLN3 polynucleotide  
 (51) Int. Cl.  
 C12N 15/86 ( 2006.01 )  
 C07K 14/435 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 (87) WO2020/163300  
 (31) 62/800,911 (32) 04.02.19 (33) US (43) 13.08.2020  
 (72) MEYER, Kathrin; KASPAR, Brian K.; FOUST, Kevin  
 (74) WRAYS PTY LTD

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) Research Institute at Nationwide Children's Hospital  
 (11) AU-A-2020218501  
 (21) 2020218501 (22) 04.02.2020  
 (54) Adeno-associated virus delivery of CLN6 polynucleotide  
 (51) Int. Cl.  
*C12N 15/86* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (87) WO2020/163299  
 (31) 62/923,125 (32) 18.10.19 (33) US  
 62/800,915 04.02.19 US  
 62/881,151 31.07.19 US  
 62/912,977 09.10.19 US  
 62/880,641 30.07.19 US  
 (43) 13.08.2020  
 (72) MEYER, Kathrin; KASPAR, Brian K.  
 (74) WRAYS PTY LTD
- 
- (71) ResMed Pty Ltd  
 (11) AU-A-2019426678  
 (21) 2019426678 (22) 04.12.2019  
 (54) Headgear tubing for a patient interface  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
*A61M 16/08* ( 2006.01 )  
 (87) WO2020/157559  
 (31) PCT/ (32) 25.06.19 (33) AU  
 AU2019/050655  
 2019900260 29.01.19 AU  
 62/821,878 21.03.19 US  
 2019901040 28.03.19 AU  
 2019901041 28.03.19 AU  
 2019901043 28.03.19 AU  
 2019901459 30.04.19 AU  
 2019901847 29.05.19 AU  
 (43) 06.08.2020  
 (72) BARLOW, Adam Francis; BRAUND, David James; CHAN, Andrew; FORMICA, Justin John; RUMMERY, Gerard Michael; WELLS, Matthew Robin; WATSON, Paul Derrick  
 (74) Halfords IP
- 
- (71) Rheinmetall Waffe Munition GmbH  
 (11) AU-A-2019426415  
 (21) 2019426415 (22) 17.12.2019  
 (54) Device for combining at least two laser beams  
 (51) Int. Cl.  
*G02B 27/10* ( 2006.01 )  
*G02B 27/42* ( 2006.01 )  
*H01S 3/00* ( 2006.01 )  
*H01S 3/082* ( 2006.01 )  
*H01S 3/23* ( 2006.01 )  
 (87) WO2020/156730  
 (31) 10 2019 102 488.9 (32) 31.01.19 (33) DE  
 (43) 06.08.2020  
 (72) LUDEWIGT, Klaus  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Rhodia Operations  
 (11) AU-A-2020221260  
 (21) 2020221260 (22) 13.02.2020
- 
- (54) Long lasting disinfectant cleaning compositions and methods of use thereof  
 (51) Int. Cl.  
*C11D 3/48* ( 2006.01 )  
*C11D 1/40* ( 2006.01 )  
*C11D 1/835* ( 2006.01 )  
*C11D 1/94* ( 2006.01 )  
*C11D 3/20* ( 2006.01 )  
*C11D 3/30* ( 2006.01 )  
*C11D 3/37* ( 2006.01 )  
*C11D 11/00* ( 2006.01 )  
 (87) WO2020/168046  
 (31) 62/804,923 (32) 13.02.19 (33) US  
 (43) 20.08.2020  
 (72) SEHGAL, Amit; MAMISTVALOVA, Tamara; TORRES, Amanda; BUREL, Celine; RAMDANI, Kamel  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Roche Innovation Center Copenhagen A/S  
 (11) AU-A-2020225336  
 (21) 2020225336 (22) 20.02.2020  
 (54) Novel phosphoramidites  
 (51) Int. Cl.  
*C07H 19/06* ( 2006.01 )  
*C07H 19/16* ( 2006.01 )  
 (87) WO2020/169696  
 (31) 19158303.8 (32) 20.02.19 (33) EP  
 (43) 27.08.2020  
 (72) BLEICHER, Konrad; BASTIEN, Jessica Marine Aurore  
 (74) Griffith Hack
- 
- (71) Roche Innovation Center Copenhagen A/S  
 (11) AU-A-2020225687  
 (21) 2020225687 (22) 20.02.2020  
 (54) Phosphonoacetate gapmer oligonucleotides  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*C07H 21/02* ( 2006.01 )  
*A61K 31/712* ( 2006.01 )  
*A61K 31/7125* ( 2006.01 )  
 (87) WO2020/169695  
 (31) 19158296.4 (32) 20.02.19 (33) EP  
 (43) 27.08.2020  
 (72) BLEICHER, Konrad; BASTIEN, Jessica Marine Aurore  
 (74) Griffith Hack
- 
- (71) Saab AB  
 (11) AU-A-2019427228  
 (21) 2019427228 (22) 31.01.2019  
 (54) Winter camouflage comprising hexagonal boron nitride  
 (51) Int. Cl.  
*F41H 3/00* ( 2006.01 )  
*C08K 3/28* ( 2006.01 )  
*C08K 3/38* ( 2006.01 )  
*C09D 5/30* ( 2006.01 )  
*C09D 5/33* ( 2006.01 )  
 (87) WO2020/159410  
 (43) 06.08.2020  
 (72) OLOVSSON, Ann-Sofie; BOSTRÖM, Björn  
 (74) Lord & Company
- 
- (71) Saipem S.p.A.  
 (11) AU-A-2020209274  
 (21) 2020209274 (22) 17.01.2020  
 (54) Multi-functional clamp, system and method for the installation of a wind turbine on an offshore substructure  
 (51) Int. Cl.  
*B66C 1/10* ( 2006.01 )  
*F03D 13/10* ( 2016.01 )  
*F03D 13/25* ( 2016.01 )  
 (87) WO2020/148719  
 (31) 19152411.5 (32) 17.01.19 (33) EP  
 (43) 23.07.2020  
 (72) SEXTON, Christopher; STOKES, Benjamin; MCCARTHY, Vincent  
 (74) FB Rice Pty Ltd
- 
- (71) Saipem S.p.A.  
 (11) AU-A-2020229472  
 (21) 2020229472 (22) 27.02.2020  
 (54) Biocatalyst-based CO  
 (51) Int. Cl.  
*B01D 53/14* ( 2006.01 )  
 (87) WO2020/174435  
 (31) 62/811,949 (32) 28.02.19 (33) US  
 (43) 03.09.2020  
 (72) FRADETTE, Sylvie; SURPRENANT, Richard; MADORE, Eric; BOUTELDJA, Hana; LEFEBVRE, Sylvain; CLERVEAUX, Ferrere J.  
 (74) Murray Trento & Associates Pty Ltd
- 
- (71) Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin  
 (11) AU-A-2019407234  
 (21) 2019407234 (22) 09.12.2019  
 (54) Biologically active cluster of molecules  
 (51) Int. Cl.  
*A61K 47/54* ( 2017.01 )  
*A61K 47/59* ( 2017.01 )  
*A61K 47/60* ( 2017.01 )  
*A61K 47/64* ( 2017.01 )  
*A61K 47/68* ( 2017.01 )  
 (87) WO2020/126626  
 (31) 2022283 (32) 21.12.18 (33) NL  
 2023468 10.07.19 NL  
 2023568 25.07.19 NL  
 (43) 25.06.2020  
 (72) POSTEL, Ruben; FUCHS, Hendrik  
 (74) Griffith Hack
- 
- (71) scPharmaceuticals Inc.  
 (11) AU-A-2020214314  
 (21) 2020214314 (22) 30.01.2020  
 (54) Concentrated liquid pharmaceutical formulations of furosemide and methods of administering the same  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61K 47/18* ( 2017.01 )  
*A61K 47/22* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
 (87) WO2020/160210  
 (31) 62/799,215 (32) 31.01.19 (33) US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 06.08.2020  
 (72) GROSSI, Alfredo; KOSTRABA, Britt; OGUNLEYE, Olatokumbo O. Luca; TERRY, Shannon; KOPPEHAGEN, Franciscus  
 (74) Spruson & Ferguson
- 
- (71) Seapa IP Pty Ltd  
 (11) AU-A-2021204203  
 (21) 2021204203 (22) 29.01.2021  
 (54) Removeable aquatic basket and float system and method  
 (51) Int. Cl.  
 A01K 61/55 ( 2017.01 )  
 A01K 61/53 ( 2017.01 )  
 A01K 61/60 ( 2017.01 )  
 A01K 75/04 ( 2006.01 )  
 A01K 91/00 ( 2006.01 )  
 A01K 91/03 ( 2006.01 )  
 (31) 2020900247 (32) 30.01.20 (33) AU  
 (43) 19.08.2021  
 (72) THOMPSON, Garry  
 (74) Southern Cross Intellectual Property
- 
- (71) Seattle Children's Hospital (DBA Seattle Children's Research Institute)  
 (11) AU-A-2020219246  
 (21) 2020219246 (22) 06.02.2020  
 (54) Chimeric cytokine receptors  
 (51) Int. Cl.  
 A61K 38/00 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C07K 14/46 ( 2006.01 )  
 (87) WO2020/163634  
 (31) 62/802,847 (32) 08.02.19 (33) US  
 (43) 13.08.2020  
 (72) JENSEN, Michael C.; SAXBY, Christopher P.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sentient Science Corporation; Acciona Energia, S.A.  
 (11) AU-A-2019417827  
 (21) 2019417827 (22) 31.12.2019  
 (54) Methods and systems for predicting risk of observable damage in wind turbine gearbox components  
 (51) Int. Cl.  
 F03D 7/02 ( 2006.01 )  
 F03D 7/04 ( 2006.01 )  
 F03D 7/06 ( 2006.01 )  
 F03D 80/50 ( 2016.01 )  
 G05B 17/02 ( 2006.01 )  
 (87) WO2020/142542  
 (31) 62/786,817 (32) 31.12.18 (33) US  
 (43) 09.07.2020  
 (72) KUMAR, Vijayant; BOLANDER, Nathan; AUER, Gunther; ZALACAIN, Iñigo; IRUJO, Mercedes; IRIARTE, Enrique  
 (74) Spruson & Ferguson
- 
- (71) Shen Lun Technology Limited Company  
 (11) AU-A-2019430134  
 (21) 2019430134 (22) 18.02.2019  
 (54) Following control system  
 (51) Int. Cl.  
 G05D 1/02 ( 2020.01 )
- 
- (71) Shintani, T.  
 (11) AU-A-2019414244  
 (21) 2019414244 (22) 25.12.2019  
 (54) Heat retention system and heat retention device  
 (51) Int. Cl.  
 A01K 61/10 ( 2017.01 )  
 A01G 7/00 ( 2006.01 )  
 A01G 9/24 ( 2006.01 )  
 F24T 10/30 ( 2018.01 )  
 (87) WO2020/138243  
 (31) 2018-248959 (32) 25.12.18 (33) JP  
 2018-248960 25.12.18 JP  
 2019-055585 01.03.19 JP  
 (43) 02.07.2020  
 (72) SHINTANI, Tatsuya  
 (74) Tatsuya SHINTANI
- 
- (71) Sigfox  
 (11) AU-A-2020214288  
 (21) 2020214288 (22) 28.01.2020  
 (54) Method and system for wireless communication between transmitter devices and a receiver device by means of a repeater device with simultaneous repetition  
 (51) Int. Cl.  
 H04B 7/155 ( 2006.01 )  
 (87) WO2020/157075  
 (31) 1900994 (32) 01.02.19 (33) FR  
 (43) 06.08.2020  
 (72) HUBERT, Loïc; MANSUY, Arnaud; CHALBOS, Nicolas  
 (74) Griffith Hack
- 
- (71) Smylio Inc.  
 (11) AU-A-2020216145  
 (21) 2020216145 (22) 28.01.2020  
 (54) Elastic orthodontic appliances, systems, and methods for use  
 (51) Int. Cl.  
 A61C 7/08 ( 2006.01 )  
 (87) WO2020/160051  
 (31) 62/797,797 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
 (72) PHAN, Loc  
 (74) Spruson & Ferguson
- 
- (71) Société Des Produits Nestlé SA  
 (11) AU-A-2020252261  
 (21) 2020252261 (22) 03.04.2020  
 (54) Beverage preparation device with thermally optimised architecture  
 (51) Int. Cl.  
 A47J 31/36 ( 2006.01 )  
 (87) WO2020/201469  
 (31) 19167543.8 (32) 05.04.19 (33) EP  
 (43) 08.10.2020  
 (72) MOSER, Renzo  
 (74) Shelston IP Pty Ltd.
- 
- (71) SOCPRA Sciences Sante et Humaines S.E.C.  
 (11) AU-A-2020218577  
 (21) 2020218577 (22) 10.02.2020  
 (54) Neurotensinergic agonists and methods of using same preventing or treating pain  
 (51) Int. Cl.  
 C07K 7/06 ( 2006.01 )  
 A61K 38/08 ( 2019.01 )  
 A61P 29/02 ( 2006.01 )  
 (87) WO2020/160685  
 (31) 62/803,041 (32) 08.02.19 (33) US  
 (43) 13.08.2020  
 (72) MARSAULT, Éric; DESGAGNE, Michael; SOUSBIE, Marc; SARRET, Philippe; CHARTIER, Magali; LONGPRE, Jean-Michel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Stopinski, W.; Gajos- Stopinska, P.  
 (11) AU-A-2020250907  
 (21) 2020250907 (22) 02.04.2020  
 (54) Portable data stack holder  
 (51) Int. Cl.  
 G06F 21/45 ( 2013.01 )  
 G09C 1/04 ( 2006.01 )  
 (87) WO2020/201466  
 (31) 1904692.9 (32) 03.04.19 (33) GB  
 (43) 08.10.2020  
 (72) STOPINSKI, Wojciech; GAJOS- STOPINSKA, Paulina  
 (74) Shelston IP Pty Ltd.
- 
- (71) Sumitomo Electric Industries, Ltd.  
 (11) AU-A-2020213783  
 (21) 2020213783 (22) 24.01.2020  
 (54) Battery cell, cell stack, and redox flow battery  
 (51) Int. Cl.  
 H01M 4/86 ( 2006.01 )  
 H01M 8/026 ( 2016.01 )  
 H01M 8/0263 ( 2016.01 )  
 H01M 8/18 ( 2006.01 )  
 (87) WO2020/158624  
 (31) 2019-014461 (32) 30.01.19 (33) JP  
 (43) 06.08.2020  
 (72) FUJITA, Hayato; KUWABARA, Masahiro  
 (74) Spruson & Ferguson
- 
- (71) Sumitomo Electric Industries, Ltd.  
 (11) AU-A-2020216823  
 (21) 2020216823 (22) 24.01.2020  
 (54) Battery cell, cell stack, and redox flow battery  
 (51) Int. Cl.  
 H01M 8/18 ( 2006.01 )  
 H01M 4/86 ( 2006.01 )  
 H01M 8/026 ( 2016.01 )  
 H01M 8/0263 ( 2016.01 )  
 (87) WO2020/158625  
 (31) 2019-014462 (32) 30.01.19 (33) JP  
 (43) 06.08.2020  
 (72) FUJITA, Hayato; KUWABARA, Masahiro  
 (74) Spruson & Ferguson

PCT applications which have entered the National Phase - Name Index cont'd

- (71) Sumitomo Heavy Industries, Ltd.  
 (11) AU-A-2020217056  
 (21) 2020217056 (22) 21.01.2020  
 (54) Corrosion prevention device and corrosion prevention method  
 (51) Int. Cl.  
**F23G 5/50** ( 2006.01 )  
**G01N 21/33** ( 2006.01 )
- 
- (87) WO2020/158497  
 (31) 2019-016804 (32) 01.02.19 (33) JP  
 (43) 06.08.2020  
 (72) YOKOYAMA, Kazuya; NAKAJYO, Terunobu  
 (74) Spruson & Ferguson
- 
- (71) Suncor Energy Inc.  
 (11) AU-A-2020211650  
 (21) 2020211650 (22) 24.01.2020  
 (54) Photosensitizer compounds, methods of manufacture and application to plants  
 (51) Int. Cl.  
**C07D 487/22** ( 2006.01 )  
**A01N 3/00** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01N 59/16** ( 2006.01 )  
**A01N 59/20** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )
- 
- (87) WO2020/150831  
 (31) 62/796,981 (32) 25.01.19 (33) US  
 (43) 30.07.2020  
 (72) FEFER, Michael; LIU, Jun; NG, Kenneth; TERAZONO, Yuichi; NASH, Brady; TESHLE, Inna; CKURSHUMOVA, Wenzhi; BROOK, Michael A.; CHEN, Yang  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Suncor Energy Inc.  
 (11) AU-A-2020220245  
 (21) 2020220245 (22) 14.02.2020  
 (54) Photosensitizer and chelating agent combinations for use as insecticides  
 (51) Int. Cl.  
**A01N 43/90** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )
- 
- (87) WO2020/163965  
 (31) 62/806,110 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (72) FEFER, Michael; LIU, Jun; TESHLE, Inna; STEELE, Lisa  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Suncor Energy Inc.  
 (11) AU-A-2020222515  
 (21) 2020222515 (22) 14.02.2020  
 (54) The use of protoporphyrin IX derivatives to improve the health of plants  
 (51) Int. Cl.  
**A01N 43/90** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**C07D 487/22** ( 2006.01 )
- 
- (87) WO2020/163964  
 (31) 62/806,084 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (72) FEFER, Michael; LIU, Jun; TERAZONO, Yuichi; NG, Kenneth; SHEN, Youqing  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Suntory Holdings Limited  
 (11) AU-A-2020224843  
 (21) 2020224843 (22) 18.02.2020  
 (54) Protein-containing oral composition and method for improving flavor of protein-containing oral composition  
 (51) Int. Cl.  
**A23L 5/00** ( 2016.01 )  
**A23L 27/00** ( 2016.01 )  
**A23L 33/105** ( 2016.01 )
- 
- (87) WO2020/171069  
 (31) 2019-028604 (32) 20.02.19 (33) JP  
 (43) 27.08.2020  
 (72) HASEBE, Kyoko; MATSUI, Noriko  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Suntory Holdings Limited  
 (11) AU-A-2020233437  
 (21) 2020233437 (22) 02.03.2020  
 (54) Carbonated beverage  
 (51) Int. Cl.  
**A23L 2/00** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )
- 
- (87) WO2020/179721  
 (31) 2019-041831 (32) 07.03.19 (33) JP  
 (43) 10.09.2020  
 (72) MATSUBAYASHI, Hideki; NAKATA, Aki  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Support Technologies Innovations Pty Ltd  
 (11) AU-A-2020213604  
 (21) 2020213604 (22) 23.01.2020  
 (54) Rock bolt  
 (51) Int. Cl.  
**E21D 21/00** ( 2006.01 )
- 
- (87) WO2020/154761  
 (31) 2019900255 (32) 29.01.19 (33) AU  
 (43) 06.08.2020  
 (72) HAWKES, Matthew; CAPUTO, Anthony Walter; ROBINSON, Edward John  
 (74) SPICER SPICER PTY LTD
- 
- (71) Suzhou Astrabio Technology Co., Ltd.  
 (11) AU-A-2020213460  
 (21) 2020213460 (22) 03.01.2020  
 (54) Single molecule quantitative detection method and detection system  
 (51) Int. Cl.  
**G01N 33/543** ( 2006.01 )
- 
- (87) WO2020/156029  
 (31) 201910091631.1 (32) 30.01.19 (33) CN  
 (43) 06.08.2020  
 (72) GUAN, Zhichao  
 (74) Pipers Intellectual Property
- 
- (71) Swiss Investments Australia Pty Ltd  
 (11) AU-A-2020297185
- 
- (21) 2020297185 (22) 19.06.2020  
 (54) Method of producing precast building products  
 (51) Int. Cl.  
**B28B 11/14** ( 2006.01 )
- 
- (87) WO2020/252540  
 (31) 2019902163 (32) 20.06.19 (33) AU  
 (43) 24.12.2020  
 (72) GEOFFREY A., Kull  
 (74) MEYER WEST IP PTY LTD
- 
- (71) SWM Luxembourg  
 (11) AU-A-2020221789  
 (21) 2020221789 (22) 11.02.2020  
 (54) Filler containing blends of aerosol generating materials  
 (51) Int. Cl.  
**A24B 15/12** ( 2006.01 )  
**A24B 15/14** ( 2006.01 )  
**A24B 15/16** ( 2020.01 )  
**A24D 1/18** ( 2006.01 )  
**A24D 1/20** ( 2020.01 )
- 
- (87) WO2020/167816  
 (31) 62/803,886 (32) 11.02.19 (33) US  
 (43) 20.08.2020  
 (72) ROUSSEAU, Cedric; JARDIN, Cedric; BIGOT, Doriane  
 (74) Spruson & Ferguson
- 
- (71) SWM Luxembourg  
 (11) AU-A-2020222960  
 (21) 2020222960 (22) 11.02.2020  
 (54) Aerosol generating material comprising reconstituted cocoa husk fiber material  
 (51) Int. Cl.  
**A24B 15/12** ( 2006.01 )  
**A24B 15/14** ( 2006.01 )  
**A24B 15/16** ( 2020.01 )  
**A24D 1/18** ( 2006.01 )  
**A24D 1/20** ( 2020.01 )  
**A24D 1/22** ( 2020.01 )
- 
- (87) WO2020/167805  
 (31) 62/803,842 (32) 11.02.19 (33) US  
 62/857,544 05.06.19 US  
 (43) 20.08.2020  
 (72) ROUSSEAU, Cedric; JARDIN, Cedric; BIGOT, Doriane  
 (74) Spruson & Ferguson
- 
- (71) SWM Luxembourg  
 (11) AU-A-2020223088  
 (21) 2020223088 (22) 11.02.2020  
 (54) Reconstituted cocoa material for generating aerosols  
 (51) Int. Cl.  
**A24B 15/12** ( 2006.01 )  
**A24B 15/16** ( 2020.01 )
- 
- (87) WO2020/167803  
 (31) 62/803,908 (32) 11.02.19 (33) US  
 62/857,627 05.06.19 US  
 (43) 20.08.2020  
 (72) ROUSSEAU, Cedric; JARDIN, Cedric; BIGOT, Doriane  
 (74) Spruson & Ferguson
- 
- (71) SWM Luxembourg  
 (11) AU-A-2020223089

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2020223089 (22) 11.02.2020  
 (54) Cocoa wrapper for smoking articles  
 (51) Int. Cl.  
**A24D 1/02** ( 2006.01 )  
**A24D 1/00** ( 2020.01 )  
**D21H 11/12** ( 2006.01 )
- (87) WO2020/167807  
 (31) 62/803,815 (32) 11.02.19 (33) US  
 62/857,595 05.06.19 US
- (43) 20.08.2020  
 (72) ROUSSEAU, Cedric; ACCOU, Jerome;  
 GOUTH, Arthur; GOMBERT, Laurent  
 (74) Spruson & Ferguson
- 
- (71) SWM Luxembourg  
 (11) AU-A-2020223091  
 (21) 2020223091 (22) 11.02.2020  
 (54) Cannabis wrapper for smoking articles  
 (51) Int. Cl.  
**A24D 1/02** ( 2006.01 )  
**A24B 15/12** ( 2006.01 )  
**A24B 15/16** ( 2020.01 )  
**A24D 1/18** ( 2006.01 )  
**D21H 11/12** ( 2006.01 )  
**D21H 17/02** ( 2006.01 )  
**D21H 27/00** ( 2006.01 )
- (87) WO2020/167815  
 (31) 62/803,849 (32) 11.02.19 (33) US  
 (43) 20.08.2020  
 (72) ROUSSEAU, Cedric; ACCOU, Jerome;  
 GOUTH, Arthur; GOMBERT, Laurent  
 (74) Spruson & Ferguson
- 
- (71) SYMBYX Pty Ltd  
 (11) AU-A-2020205670  
 (21) 2020205670 (22) 10.01.2020  
 (54) Use of photobiomodulation therapy to  
 treat inflammatory and/or metabolic  
 conditions  
 (51) Int. Cl.  
**A61N 5/06** ( 2006.01 )
- (87) WO2020/142814  
 (31) 2019900083 (32) 11.01.19 (33) AU  
 2019901677 17.05.19 AU  
 (43) 16.07.2020  
 (72) BICKNELL, Brian  
 (74) Griffith Hack
- 
- (71) Syngenta Crop Protection AG  
 (11) AU-A-2020220608  
 (21) 2020220608 (22) 30.01.2020  
 (54) Herbicidal compositions  
 (51) Int. Cl.  
**A01N 43/58** ( 2006.01 )  
**A01N 31/10** ( 2006.01 )  
**A01N 37/20** ( 2006.01 )  
**A01N 39/02** ( 2006.01 )  
**A01N 43/60** ( 2006.01 )  
**A01N 47/40** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )
- (87) WO2020/164923  
 (31) 201911006086 (32) 15.02.19 (33) IN  
 (43) 20.08.2020  
 (72) WILLETTS, Nigel James; HALL, Gav-  
 in John; THOMSON, Niall Rae; FELL-  
 MANN, Julia; WUERFFEL, Raymond  
 Joseph; SONAWANE, Ravindra;  
 PHADTE, Mangala; KANDUKURI,  
 Sandeep Reddy; ARMSTRONG, Sarah;
- NG, Sean; MCGRANAGHAN, An-  
 drea; SCUTT, James Nicholas; MOOR-  
 HOUSE, Sian  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) Syngenta Crop Protection AG  
 (11) AU-A-2020223404  
 (21) 2020223404 (22) 30.01.2020  
 (54) Herbicidal compositions  
 (51) Int. Cl.  
**A01N 43/58** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**A01N 43/60** ( 2006.01 )  
**A01N 47/36** ( 2006.01 )  
**A01N 47/40** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )
- (87) WO2020/164920  
 (31) 201911006082 (32) 15.02.19 (33) IN  
 (43) 20.08.2020  
 (72) WILLETTS, Nigel James; HALL, Gav-  
 in John; THOMSON, Niall Rae; FELL-  
 MANN, Julia; WUERFFEL, Raymond  
 Joseph; SONAWANE, Ravindra;  
 PHADTE, Mangala; KANDUKURI,  
 Sandeep Reddy; ARMSTRONG, Sarah;  
 NG, Sean; MCGRANAGHAN, An-  
 drea; SCUTT, James Nicholas; MOOR-  
 HOUSE, Sian  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) Syngenta Crop Protection AG  
 (11) AU-A-2020223846  
 (21) 2020223846 (22) 19.02.2020  
 (54) Use of spiroipidion  
 (51) Int. Cl.  
**A01N 43/90** ( 2006.01 )
- (87) WO2020/169651  
 (31) 19158282.4 (32) 20.02.19 (33) EP  
 (43) 27.08.2020  
 (72) SENN, Robert; JOHNSON, Stephen;  
 DANIELS, Miriam  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) Takeda Pharmaceutical Company Lim-  
 ited  
 (11) AU-A-2020215380  
 (21) 2020215380 (22) 30.01.2020  
 (54) Heterocyclic compound and use thereof  
 (51) Int. Cl.  
**A61P 3/00** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/422** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**C07D 207/14** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
**C07D 403/10** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 407/06** ( 2006.01 )  
**C07D 413/10** ( 2006.01 )  
**C07D 417/10** ( 2006.01 )
- (87) WO2020/158958  
 (31) 2019-015488 (32) 31.01.19 (33) JP  
 (43) 06.08.2020  
 (72) HATTORI, Yasushi; MIYANOHANA,  
 Yuhei; KAJITA, Yuichi; KOIKE, Tat-  
 suki; HOASHI, Yasutaka; TOKUN-  
 AGA, Norihito; PAWLICZEK, Alexan-  
 der Martin; ODA, Tsuneo; MIYAZAKI,  
 Tohru; ITO, Yoshiteru; TAKEUCHI, Ko-  
 hei; IMAMURA, Keisuke; SUGIMOTO,  
 Takahiro  
 (74) Griffith Hack
- 
- (71) Taylor Commercial Foodservice, LLC.  
 (11) AU-A-2020227676  
 (21) 2020227676 (22) 24.02.2020  
 (54) Automated food management system  
 (51) Int. Cl.  
**A47J 39/00** ( 2006.01 )
- (87) WO2020/176377  
 (31) 62/810,170 (32) 25.02.19 (33) US  
 (43) 03.09.2020  
 (72) MINARD, James J.; NELSON, Dennis;  
 SANDS, Jeffrey L.; LECLERC, Scott A.;  
 HOTALING, Bryan R.; PARKER, Spen-  
 cer M.; NORRIS, Chris; PAHNKE, Carl  
 (74) FB Rice Pty Ltd
- 
- (71) Techtronic Cordless GP  
 (11) AU-A-2020214851  
 (21) 2020214851 (22) 31.01.2020  
 (54) Vacuum cleaner  
 (51) Int. Cl.  
**A47L 9/28** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )
- (87) WO2020/160436  
 (31) 62/799,846 (32) 01.02.19 (33) US  
 (43) 06.08.2020  
 (72) BLOOM, Michael  
 (74) Spruson & Ferguson
- 
- (71) Telefonaktiebolaget LM Ericsson (Publ)  
 (11) AU-A-2020220894  
 (21) 2020220894 (22) 11.02.2020  
 (54) Beam information in early measure-  
 ments  
 (51) Int. Cl.  
**H04B 7/02** ( 2018.01 )
- (87) WO2020/165751  
 (31) 62/805,602 (32) 14.02.19 (33) US  
 (43) 20.08.2020  
 (72) BERGQVIST, Jens; DA SILVA, Icaro L.  
 J.  
 (74) AJ PARK
- 
- (71) Tesla, Inc.  
 (11) AU-A-2020216128  
 (21) 2020216128 (22) 28.01.2020  
 (54) Predicting three-dimensional features  
 for autonomous driving  
 (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )
- (87) WO2020/159968  
 (31) 16/265,720 (32) 01.02.19 (33) US  
 (43) 06.08.2020  
 (72) ELLUSWAMY, Ashok Kumar; BAUCH,  
 Matthew; PAYNE, Christopher;  
 KARPATY, Andrej; SHROFF, Dhaval;  
 RAMANANDAN, Arvind; HAKEWILL,  
 James Robert Howard  
 (74) Spruson & Ferguson



PCT applications which have entered the National Phase - Name Index cont'd

- (71) The Australian National University  
(11) AU-A-2020211622  
(21) 2020211622 (22) 24.01.2020  
(54) Encapsulated cells  
(51) Int. Cl.  
C12N 1/06 ( 2006.01 )  
C12N 9/14 ( 2006.01 )  
C12N 11/04 ( 2006.01 )  
C12N 15/09 ( 2006.01 )  
C12N 15/52 ( 2006.01 )  
(87) WO2020/150789  
(31) 2019900240 (32) 25.01.19 (33) AU  
(43) 30.07.2020  
(72) HUBER, Thomas; VAN RAAD, Damian  
(74) Spruson & Ferguson
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
(11) AU-A-2020215613  
(21) 2020215613 (22) 31.01.2020  
(54) Immolative cell-penetrating complexes for nucleic acid delivery to the lung  
(51) Int. Cl.  
A61K 45/08 ( 2006.01 )  
A61K 47/00 ( 2006.01 )  
C12N 11/00 ( 2006.01 )  
C12N 11/02 ( 2006.01 )  
(87) WO2020/160511  
(31) 62/800,406 (32) 01.02.19 (33) US  
(43) 06.08.2020  
(72) BLAKE, Tim R.; WENDER, Paul; WAYMOUTH, Robert M.; LEVY, Ronald; HAABETH, Ole Audun Werner; MCCLELLAN, Rebecca; SALLETTS, Adrienne  
(74) RNB IP PTY LTD
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
(11) AU-A-2020222884  
(21) 2020222884 (22) 10.02.2020  
(54) Systems and methods for high intensity focused ultrasound  
(51) Int. Cl.  
A61B 8/00 ( 2006.01 )  
A61B 8/12 ( 2006.01 )  
A61K 49/22 ( 2006.01 )  
A61N 7/00 ( 2006.01 )  
(87) WO2020/167640  
(31) 62/804,626 (32) 12.02.19 (33) US  
(43) 20.08.2020  
(72) JANG, Ji Hoon; STEDMAN, George Quintin; RASMUSSEN, Morten Fischer; ERGUN, Arif Sanli; KHURI-YAKUB, Butrus T.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) The Brigham and Women's Hospital, Inc.  
(11) AU-A-2020219809  
(21) 2020219809 (22) 07.02.2020  
(54) Methods and compositions for treating sleep apnea  
(51) Int. Cl.  
A61K 31/138 ( 2006.01 )  
A61K 31/437 ( 2006.01 )  
A61K 31/551 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
(87) WO2020/163785
- 
- (31) 62/803,223 (32) 08.02.19 (33) US  
(43) 13.08.2020  
(72) MONTEMURRO, Luigi Taranto; WELLMAN, D. Andrew  
(74) RnB IP Pty Ltd
- 
- (71) The Coca-Cola Company  
(11) AU-A-2020219224  
(21) 2020219224 (22) 06.02.2020  
(54) Control of frozen beverage dispenser  
(51) Int. Cl.  
B67D 1/08 ( 2006.01 )  
B67D 1/00 ( 2006.01 )  
B67D 1/12 ( 2006.01 )  
(87) WO2020/163551  
(31) 62/802,082 (32) 06.02.19 (33) US  
62/845,972 10.05.19 US  
(43) 13.08.2020  
(72) TRAN, Son Van; HAWKINS, Alan L.  
(74) FB Rice Pty Ltd
- 
- (71) The General Hospital Corporation  
(11) AU-A-2019428070  
(21) 2019428070 (22) 10.05.2019  
(54) Carotenoids for treating or preventing nausea  
(51) Int. Cl.  
A61P 1/00 ( 2006.01 )  
A61P 1/04 ( 2006.01 )  
A61P 15/00 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 37/08 ( 2006.01 )  
(87) WO2020/162959  
(31) 62/802,398 (32) 07.02.19 (33) US  
(43) 13.08.2020  
(72) RUVKUN, Gary B.; GOVINDAN, Jothi Amaranath; JAYAMANI, Elamparithi  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The Johns Hopkins University  
(11) AU-A-2020216374  
(21) 2020216374 (22) 29.01.2020  
(54) Small molecule neutral sphingomyelinase 2 (nSMase2) inhibitors  
(51) Int. Cl.  
A61K 31/5025 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
(87) WO2020/160148  
(31) 62/798,135 (32) 29.01.19 (33) US  
(43) 06.08.2020  
(72) TSUKAMOTO, Takashi; HIN, Niyada; STEPANEK, Ondrej; SLUSHER, Barbara; ROJAS, Camilo; THOMAS, Ajit G.  
(74) WRAYS PTY LTD
- 
- (71) The Regents Of The University Of California; University of Washington  
(11) AU-A-2020206675  
(21) 2020206675 (22) 06.01.2020  
(54) Caged-degron-based molecular feedback circuits and methods of using the same  
(51) Int. Cl.  
A61K 48/00 ( 2006.01 )  
C07K 14/435 ( 2006.01 )
- 
- G01N 33/68 ( 2006.01 )  
(87) WO2020/146254  
(31) 62/789,418 (32) 07.01.19 (33) US  
62/850,336 20.05.19 US  
(43) 16.07.2020  
(72) BAKER, David; BOYKEN, Scott; EL-SAMAD, Hana; LAJOIE, Marc; LANGAN, Robert; NG, Andrew  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Roskamp Institute  
(11) AU-A-2020211980  
(21) 2020211980 (22) 22.01.2020  
(54) Amino acid derivatives for the treatment of inflammatory diseases  
(51) Int. Cl.  
C07D 401/14 ( 2006.01 )  
A61K 31/4439 ( 2006.01 )  
A61K 31/444 ( 2006.01 )  
A61K 31/4709 ( 2006.01 )  
A61K 31/497 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
A61P 37/02 ( 2006.01 )  
C07D 401/04 ( 2006.01 )  
C07D 403/14 ( 2006.01 )  
(87) WO2020/154420  
(31) 62/795,549 (32) 22.01.19 (33) US  
62/871,951 09.07.19 US  
(43) 30.07.2020  
(72) JIN, Chao; PARIS, Daniel; MULLAN, Michael  
(74) Spruson & Ferguson
- 
- (71) The Toro Company  
(11) AU-A-2020356797  
(21) 2020356797 (22) 13.04.2020  
(54) Nonholonomic robot field coverage method  
(51) Int. Cl.  
G05D 1/02 ( 2020.01 )  
B25J 5/00 ( 2006.01 )  
B25J 9/18 ( 2006.01 )  
(87) WO2021/150262  
(31) 62/965,026 (32) 23.01.20 (33) US  
(43) 19.08.2021  
(72) BARBOI, Mickey; GILBERT, Nevin; HOURANI, Eesam; OLKIN, Terry Michael  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) The University of Chicago  
(11) AU-A-2020204917  
(21) 2020204917 (22) 03.01.2020  
(54) Systems and methods for modulating RNA  
(51) Int. Cl.  
A61K 38/16 ( 2006.01 )  
C12N 15/85 ( 2006.01 )  
C12P 21/06 ( 2006.01 )  
(87) WO2020/142676  
(31) 62/788,571 (32) 04.01.19 (33) US  
62/831,342 09.04.19 US  
62/903,080 20.09.19 US  
62/929,339 01.11.19 US  
(43) 09.07.2020  
(72) DICKINSON, Bryan C.; RAUCH, Simone  
(74) FB Rice Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) Think Surgical, Inc.  
 (11) AU-A-2020219128  
 (21) 2020219128 (22) 05.02.2020  
 (54) Method of verifying tracking array positional accuracy  
 (51) Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 34/30** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
 (87) WO2020/163457  
 (31) 62/801,252 (32) 05.02.19 (33) US  
 (43) 13.08.2020  
 (72) ZUHARS, Joel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Tigercat Industries Inc.  
 (11) AU-A-2020212673  
 (21) 2020212673 (22) 21.01.2020  
 (54) Differential and thrust washer therefor  
 (51) Int. Cl.  
**F16C 17/10** ( 2006.01 )  
**F16C 17/12** ( 2006.01 )  
**F16H 57/08** ( 2006.01 )  
 (87) WO2020/150817  
 (31) 62/794,895 (32) 21.01.19 (33) US  
 (43) 30.07.2020  
 (72) BLACKMAN, Benjamin; PETTE, Shawn Thomas; HOSKIN, Peter  
 (74) Griffith Hack
- 
- (71) Trelleborg Retford Limited  
 (11) AU-A-2020237604  
 (21) 2020237604 (22) 03.03.2020  
 (54) A noise damper and a method for producing a noise damper  
 (51) Int. Cl.  
**G10K 11/165** ( 2006.01 )  
**E01B 19/00** ( 2006.01 )  
 (87) WO2020/182537  
 (31) 19161670.5 (32) 08.03.19 (33) EP  
 (43) 17.09.2020  
 (72) BRINDLE, Philip; WILLIAMS, Andrew; DAUDIA, Rajiv  
 (74) WRAYS PTY LTD
- 
- (71) Tricoya Technologies Ltd  
 (11) AU-A-2020208798  
 (21) 2020208798 (22) 20.01.2020  
 (54) A system and a method for transferring solid particles from a first environment at a first gas pressure to a second environment at a second gas pressure  
 (51) Int. Cl.  
**B65G 53/46** ( 2006.01 )  
**B65G 53/36** ( 2006.01 )  
 (87) WO2020/148456  
 (31) 19152620.1 (32) 18.01.19 (33) EP  
 (43) 23.07.2020  
 (72) BENSTEAD, Stephen John; KAPPEN, Theodorius Gerardus Marinus Maria  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TRIO Pharmaceuticals, Inc.  
 (11) AU-A-2020205100  
 (21) 2020205100 (22) 03.01.2020  
 (54) Multi-specific protein molecules and uses thereof  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (87) WO2020/142659  
 (31) 62/788,495 (32) 04.01.19 (33) US  
 (43) 09.07.2020  
 (72) BHOWMIK, Shivarupam; BRADY, William A.  
 (74) FB Rice Pty Ltd
- 
- (71) Tsinghua University; Nuctech Company Limited  
 (11) AU-A-2019414849  
 (21) 2019414849 (22) 10.10.2019  
 (54) Security inspection device and control method therefor  
 (51) Int. Cl.  
**G01V 3/12** ( 2006.01 )  
 (87) WO2020/134334  
 (31) 201811653597.4 (32) 29.12.18 (33) CN  
 (43) 02.07.2020  
 (72) CHEN, Zhiqiang; YOU, Yan; ZHAO, Ziran; MA, Xuming; WANG, Kai  
 (74) Wallington-Dummer
- 
- (71) Tyfo Sports Limited  
 (11) AU-A-2020211015  
 (21) 2020211015 (22) 24.01.2020  
 (54) Insole apparatus and method of manufacture thereof  
 (51) Int. Cl.  
**A61F 5/14** ( 2006.01 )  
**A43B 7/14** ( 2006.01 )  
 (87) WO2020/152313  
 (31) 1900971.1 (32) 24.01.19 (33) GB  
 (43) 30.07.2020  
 (72) MARGIOTTA, Ezio; SKIRROW, Siimon  
 (74) Madderns Pty Ltd
- 
- (71) UNION therapeutics A/S  
 (11) AU-A-2020208761  
 (21) 2020208761 (22) 14.01.2020  
 (54) Modified release tablet formulations containing phosphodiesterase inhibitors  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
 (87) WO2020/148271  
 (31) 19151782.0 (32) 15.01.19 (33) EP  
 (43) 23.07.2020  
 (72) RASMUSSEN, Marianne; HØY, Karin Green; RAVN, Carsten; PAJANDER, Jari; BERTELSEN, Poul E.; PEDERSEN, Gitte Pommergaard  
 (74) FB Rice Pty Ltd
- 
- (71) University Health Network  
 (11) AU-A-2020209367  
 (21) 2020209367 (22) 16.01.2020  
 (54) LILRB3-binding molecules and uses therefor  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
 (87) WO2020/146946  
 (31) 62/794,064 (32) 18.01.19 (33) US  
 (43) 23.07.2020  
 (72) BROKX, Richard; MASON, Jacqueline M.; BRAY, Mark R.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) University of Padova; MGGM LLC; Institute for Research In Biomedicine  
 (11) AU-A-2019426836  
 (21) 2019426836 (22) 10.10.2019  
 (54) Structurally modified opioids for prevention and treatment of diseases and conditions  
 (51) Int. Cl.  
**A61P 25/04** ( 2006.01 )  
**C07C 225/16** ( 2006.01 )  
**C07C 229/12** ( 2006.01 )  
 (87) WO2020/159587  
 (31) 62/798,709 (32) 30.01.19 (33) US  
 (43) 06.08.2020  
 (72) MANFREDI, Paolo L.; INTURRISI, Charles E.; MATTAREI, Andrea; DE MARTIN, Sara; SGRIGNANI, Jacopo; CAVALLI, Andrea  
 (74) Spruson & Ferguson
- 
- (71) University of Pittsburgh - of the Commonwealth System of Higher Education  
 (11) AU-A-2020235627  
 (21) 2020235627 (22) 12.03.2020  
 (54) Acoustic extracellular matrix hydrogels and their use  
 (51) Int. Cl.  
**A61L 26/00** ( 2006.01 )  
 (87) WO2020/186082  
 (31) 62/817,787 (32) 13.03.19 (33) US  
 62/950,565 19.12.19 US  
 (43) 17.09.2020  
 (72) BADYLAK, Stephen Francis; HUSSEY, George S.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Upl Ltd  
 (11) AU-A-2020206874  
 (21) 2020206874 (22) 08.01.2020  
 (54) Herbicidal combination  
 (51) Int. Cl.  
**A01N 57/20** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 43/84** ( 2006.01 )  
 (87) WO2020/144585  
 (31) 201931000998 (32) 09.01.19 (33) IN

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 16.07.2020  
 (72) LIMA SILVA, Ferdinando Marcos; MEG-DA, Flavia Ferreira  
 (74) Churchill Attorneys
- 
- (71) Valeda Company, LLC  
 (11) AU-A-2020248120  
 (21) 2020248120 (22) 30.03.2020  
 (54) Mobility device securement system  
 (51) Int. Cl.  
**A61G 3/08** ( 2006.01 )  
 (87) WO2020/198747  
 (31) 62/825,325 (32) 28.03.19 (33) US  
 62/960,883 14.01.20 US  
 (43) 01.10.2020  
 (72) GIRARDIN, Jean-marc; GIRARDIN, Patrick; OTT, William; TURCANU, Ovidius; SLEVINSKY, Paul; MARTE, Ivan  
 (74) Spruson & Ferguson
- 
- (71) Vanderbilt University  
 (11) AU-A-2020210888  
 (21) 2020210888 (22) 27.01.2020  
 (54) Mitochondria-targeted isoket-al/isoolevuglandin scavengers  
 (51) Int. Cl.  
**A01N 33/02** ( 2006.01 )  
**A61K 31/13** ( 2006.01 )  
 (87) WO2020/154724  
 (31) 62/796,889 (32) 25.01.19 (33) US  
 (43) 30.07.2020  
 (72) DIKALOV, Sergey I.; AMARNATH, Venkataraman  
 (74) WRAYS PTY LTD
- 
- (71) Van Rompay, B.G.  
 (11) AU-A-2020225911  
 (21) 2020225911 (22) 20.02.2020  
 (54) Device for generating hydroelectric energy  
 (51) Int. Cl.  
**F03B 13/22** ( 2006.01 )  
 (87) WO2020/170194  
 (31) 2019/5110 (32) 20.02.19 (33) BE  
 (43) 27.08.2020  
 (72) VAN ROMPAY, Boudewijn Gabriël  
 (74) Halfords IP
- 
- (71) Vibrosonic GmbH  
 (11) AU-A-2020213924  
 (21) 2020213924 (22) 31.01.2020  
 (54) Vibratory module for placing on an ear drum  
 (51) Int. Cl.  
**H04R 25/00** ( 2006.01 )  
**H04R 17/00** ( 2006.01 )  
 (87) WO2020/157296  
 (31) 10 2019 201 273.6 (32) 31.01.19 (33) DE  
 (43) 06.08.2020  
 (72) FRITZSCHE, Tobias; WILDENSTEIN, Daniela  
 (74) Golja Haines & Friend
- 
- (71) Vitalixir (Beijing) Co., Ltd  
 (11) AU-A-2020206388
- (21) 2020206388 (22) 07.01.2020  
 (54) Novel polypeptide and therapeutic uses thereof  
 (51) Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07K 1/00** ( 2006.01 )  
 (87) WO2020/143625  
 (31) 201910014669.9 (32) 07.01.19 (33) CN  
 (43) 16.07.2020  
 (72) JIE, Han  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) V-Shapes s.r.L.  
 (11) AU-A-2020215846  
 (21) 2020215846 (22) 27.01.2020  
 (54) Single dose package with applicator  
 (51) Int. Cl.  
**B65D 75/30** ( 2006.01 )  
**B65D 75/58** ( 2006.01 )  
 (87) WO2020/157625  
 (31) 102019000001235 (32) 28.01.19 (33) IT  
 (43) 06.08.2020  
 (72) GUSTAVSSON, Jesper Erland  
 (74) FB Rice Pty Ltd
- 
- (71) W.L. Gore & Associates, Inc.  
 (11) AU-A-2020211890  
 (21) 2020211890 (22) 17.01.2020  
 (54) Systems and methods for endoluminal device treatment  
 (51) Int. Cl.  
**A61M 39/06** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
 (87) WO2020/154195  
 (31) 62/794,825 (32) 21.01.19 (33) US  
 (43) 30.07.2020  
 (72) GOEPFRICH, James L.; KARINIEMI, Thomas E.; MONTGOMERY, William D.; SHAW, Edward E.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2019427482  
 (21) 2019427482 (22) 01.02.2019  
 (54) Remotely adjustable mechanism and associated systems and methods  
 (51) Int. Cl.  
**A61F 2/06** ( 2013.01 )  
**A61B 17/12** ( 2006.01 )  
 (87) WO2020/159541  
 (43) 06.08.2020  
 (72) CULLY, Edward H.; DUNCAN, Jeffrey B.; SCOTTI, Christine M.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2020209921  
 (21) 2020209921 (22) 17.01.2020  
 (54) Bioabsorbable filament medical devices  
 (51) Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**A61F 2/90** ( 2013.01 )  
 (87) WO2020/150558
- 
- (31) 62/794,387 (32) 18.01.19 (33) US  
 (43) 23.07.2020  
 (72) CULLY, Edward H.; DUNCAN, Jeffrey B.; MCDANIEL, Tom R.; MESSICK, David J.; SECTOR, Martin J.  
 (74) Griffith Hack
- 
- (71) Welltec Oilfield Solutions AG  
 (11) AU-A-2020205421  
 (21) 2020205421 (22) 07.01.2020  
 (54) Downhole method  
 (51) Int. Cl.  
**E21B 29/00** ( 2006.01 )  
**E21B 29/08** ( 2006.01 )  
**E21B 33/127** ( 2006.01 )  
**E21B 33/129** ( 2006.01 )  
 (87) WO2020/144148  
 (31) 19150862.1 (32) 08.01.19 (33) EP  
 19201290.4 03.10.19 EP  
 19201492.6 04.10.19 EP  
 (43) 16.07.2020  
 (72) KRÜGER, Christian  
 (74) Spruson & Ferguson
- 
- (71) Wireman Pty Limited  
 (11) AU-A-2020230858  
 (21) 2020230858 (22) 03.03.2020  
 (54) A tension board for straining wire netting  
 (51) Int. Cl.  
**E04H 17/26** ( 2006.01 )  
**B21F 9/00** ( 2006.01 )  
**B25B 25/00** ( 2006.01 )  
**F16G 11/12** ( 2006.01 )  
 (87) WO2020/176936  
 (31) 2019900745 (32) 07.03.19 (33) AU  
 2019902537 18.07.19 AU  
 (43) 10.09.2020  
 (72) LOWREY, Ian  
 (74) Fraser Old & Sohn
- 
- (71) Wisk Aero LLC  
 (11) AU-A-2019429134  
 (21) 2019429134 (22) 21.02.2019  
 (54) Desired departure temperature for a battery in a vehicle  
 (51) Int. Cl.  
**B60L 9/00** ( 2019.01 )  
**B60L 50/60** ( 2019.01 )  
 (87) WO2020/167324  
 (31) 16/277,812 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (72) MUNIZ, Thomas; ZHANG, Ke; MELACK, John  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Wohlfarth, K.  
 (11) AU-A-2020217492  
 (21) 2020217492 (22) 30.01.2020  
 (54) Wheel spacer disc for motor vehicles  
 (51) Int. Cl.  
**B60B 3/14** ( 2006.01 )  
 (87) WO2020/160990  
 (31) 20 2019 100 727.3 (32) 08.02.19 (33) DE  
 (43) 13.08.2020  
 (72) SIMONJAN, Edgar  
 (74) Davies Collison Cave Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) Wohlfarth, K.  
 (11) AU-A-2020218025  
 (21) 2020218025 (22) 30.01.2020  
 (54) Wheel spacer disc for motor vehicles  
 (51) Int. Cl.  
*B60B 3/14* ( 2006.01 )  
*B60B 3/16* ( 2006.01 )  
*B60B 27/00* ( 2006.01 )
- 
- (87) WO2020/160992  
 (31) 20 2019 100 728.1 (32) 08.02.19 (33) DE  
 (43) 13.08.2020  
 (72) SIMONJAN, Edgar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Yamada, K.; FUSO Pharmaceutical Industries, Ltd.  
 (11) AU-A-2020205863  
 (21) 2020205863 (22) 09.01.2020  
 (54) Pharmaceutical composition for treatment of dementia and cerebrovascular disorders  
 (51) Int. Cl.  
*A61K 31/137* ( 2006.01 )  
*A61K 31/47* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )
- 
- (87) WO2020/145359  
 (31) 62/790,305 (32) 09.01.19 (33) US  
 (43) 16.07.2020  
 (72) YAMADA, Ken-ichi; YAMAMOTO, Keiichi  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Zhang, H.  
 (11) AU-A-2020215187  
 (21) 2020215187 (22) 09.01.2020  
 (54) Nail gun  
 (51) Int. Cl.  
*B25C 1/04* ( 2006.01 )
- 
- (87) WO2020/156086  
 (31) 201910099968.7 (32) 31.01.19 (33) CN  
 (43) 06.08.2020  
 (72) ZHANG, Huading  
 (74) LAMINAR IP PTY LTD
- 
- (71) Zhejiang CHINT Electrics Co., Ltd.  
 (11) AU-A-2019414540  
 (21) 2019414540 (22) 24.12.2019  
 (54) Compact circuit breaker  
 (51) Int. Cl.  
*H01H 71/10* ( 2006.01 )  
*H01H 71/58* ( 2006.01 )
- 
- (87) WO2020/135402  
 (31) 201811623132.4 (32) 28.12.18 (33) CN  
 (43) 02.07.2020  
 (72) LU, Kejun; GU, Xiangyi  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) Zhejiang Shurcon Manufacturing Co. Ltd  
 (11) AU-A-2019427078  
 (21) 2019427078 (22) 24.12.2019  
 (54) Pulp molding production line and processing method  
 (51) Int. Cl.  
*D21J 3/00* ( 2006.01 )
- 
- (87) WO2020/155948  
 (31) 201910098112.8 (32) 31.01.19 (33) CN  
 (43) 06.08.2020  
 (72) CHEN, Shu; CEN, Gang  
 (74) James & Wells Intellectual Property
- 
- (71) Zhejiang Shurcon Manufacturing Co Ltd  
 (11) AU-A-2019426695  
 (21) 2019426695 (22) 24.12.2019  
 (54) Transfer device applied to pulp molded manipulator, and production line  
 (51) Int. Cl.  
*B25J 15/06* ( 2006.01 )  
*D21J 3/00* ( 2006.01 )
- 
- (87) WO2020/155947  
 (31) 201910098115.1 (32) 31.01.19 (33) CN  
 (43) 06.08.2020  
 (72) CHEN, Shu; CEN, Gang; CHEN, Weimin  
 (74) James & Wells Intellectual Property
- 
- (71) Zoetis Services LLC  
 (11) AU-A-2020224102  
 (21) 2020224102 (22) 19.02.2020  
 (54) Palatable formulations  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )
- 
- (87) WO2020/172232  
 (31) 62/807,871 (32) 20.02.19 (33) US  
 (43) 27.08.2020  
 (72) SINGH, Paramjit; PANDA, Debendra Kumar; PRICE, Jeffrey Ellis; BADHAN, Atul Chhagan; CUNNINGHAM, Nicholas Finn  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ZTE Corporation  
 (11) AU-A-2019423293  
 (21) 2019423293 (22) 14.01.2019  
 (54) Mobility enforcement in connected wireless state  
 (51) Int. Cl.  
*H04W 72/12* ( 2009.01 )
- 
- (87) WO2020/146966  
 (43) 23.07.2020  
 (72) SHI, Xiaojuan; HUANG, He; LIU, Jing  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) ZTE Corporation  
 (11) AU-A-2020208539  
 (21) 2020208539 (22) 17.01.2020  
 (54) Resource cycle configuration method and device, link processing and establishing method and device  
 (51) Int. Cl.  
*H04W 4/20* ( 2018.01 )
- 
- (87) WO2020/147806  
 (31) 201910049403.8 (32) 18.01.19 (33) CN  
 (43) 23.07.2020  
 (72) SHA, Xiubin; DAI, Bo; LU, Ting; GAO, Yin; HUANG, He; LIU, Xu  
 (74) Spruson & Ferguson
- 
- (71) Zydex Pty. Ltd.  
 (11) AU-A-2020237344  
 (21) 2020237344 (22) 12.03.2020  
 (54) A vessel for receiving a stereolithographic resin, a device at which a stereolithographic object is made, a method for making a stereolithographic object and a method for making a vessel for receiving a stereolithographic resin  
 (51) Int. Cl.  
*B33Y 30/00* ( 2015.01 )  
*B29C 64/124* ( 2017.01 )  
*B29C 64/245* ( 2017.01 )
- 
- (87) WO2020/181332  
 (31) 2019900819 (32) 12.03.19 (33) AU  
 (43) 17.09.2020  
 (72) ELSEY, Justin  
 (74) Phoenix Intellectual Property

Numerical Index

<b>2018313862</b>	Hypersciences, Inc.	<b>2019438605</b>	Mitsubishi Electric Corporation
<b>2018455995</b>	Lleidanetworks Serveis Telemàtics S.A.	<b>2019445388</b>	Halliburton Energy Services, Inc.
<b>2019407234</b>	Sapreme Technologies B.V.; Charité - Universitätsmedizin Berlin	<b>2019445862</b>	Halliburton Energy Services, Inc.
<b>2019408844</b>	Hymeth ApS	<b>2019446069</b>	China University of Mining and Technology
<b>2019414244</b>	Shintani, T.	<b>2019461286</b>	Anhui Biox Vision Biological Technology Co., Ltd.
<b>2019414540</b>	Zhejiang CHINT Electrics Co., Ltd.	<b>2020204713</b>	Neutron Holdings, Inc., DBA Lime
<b>2019414849</b>	Tsinghua University; Nuctech Company Limited	<b>2020204917</b>	The University of Chicago
<b>2019414963</b>	Liu, X.; Wagner, D.R.	<b>2020204932</b>	Maplebear Inc. (DBA Instacart)
<b>2019415665</b>	LG Electronics Inc.	<b>2020204946</b>	China Mobile Communication Co., Ltd Research Insti- tute; China Mobile Communications Group Co., Ltd.
<b>2019415806</b>	Guangzhou Xaircraft Technology Co., Ltd.	<b>2020205073</b>	Invetx Inc.
<b>2019415848</b>	Nanjingjinsirui Science & Technology Biology Corp.; Nanjing Legend Biotech Co., Ltd.	<b>2020205090</b>	Citrix Systems, Inc.
<b>2019416071</b>	NEOGAP Therapeutics AB	<b>2020205100</b>	TRIO Pharmaceuticals, Inc.
<b>2019416203</b>	Meraglim Holdings	<b>2020205139</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
<b>2019416204</b>	Meraglim Holdings	<b>2020205421</b>	Welltec Oilfield Solutions AG
<b>2019416633</b>	B1 Institute of Image Technology, Inc.	<b>2020205621</b>	Asimov, Inc.
<b>2019416797</b>	Petróleo Brasileiro S.A. - Petrobras; Serviço Nacional de Aprendizagem Industrial - Departamento Regional de Santa Catarina	<b>2020205643</b>	Celgene Corporation
<b>2019416798</b>	Petróleo Brasileiro S.A. - Petrobras; Serviço Nacional de Aprendizagem Industrial - Departamento Regional de Santa Catarina	<b>2020205664</b>	Akoya Biosciences, Inc.
<b>2019417827</b>	Sentient Science Corporation; Acciona Energia, S.A.	<b>2020205670</b>	SYMBYX Pty Ltd
<b>2019418102</b>	Inversiones Iraso Ii Ltda.	<b>2020205863</b>	Yamada, K.; FUSO Pharmaceutical Industries, Ltd.
<b>2019418149</b>	Memic Innovative Surgery Ltd.	<b>2020206015</b>	Haulotte Group
<b>2019418722</b>	Omotola, A.	<b>2020206254</b>	Lifetime Products, Inc.
<b>2019418877</b>	FJ Dynamics Technology Academy (Chang Zhou) Co., Ltd	<b>2020206304</b>	Kal-Fire Beheer B.V.
<b>2019419406</b>	Repligen Corporation	<b>2020206388</b>	Vitalixir (Beijing) Co., Ltd
<b>2019419428</b>	Golconda Holdings, LLC	<b>2020206588</b>	iTeos Belgium SA
<b>2019422926</b>	Graner, P.	<b>2020206675</b>	The Regents Of The University Of California; University of Washington
<b>2019423293</b>	ZTE Corporation	<b>2020206808</b>	Huawei Technologies Co., Ltd.
<b>2019423931</b>	Enzene Biosciences Limited	<b>2020206874</b>	Upl Ltd
<b>2019424115</b>	Dulevo International S.p.A.	<b>2020206903</b>	Jiangsu Hengrui Medicine Co., Ltd.
<b>2019424751</b>	Clemson University Research Foundation	<b>2020207160</b>	Kal-Fire Beheer B.V.
<b>2019425175</b>	Max-Planck-Gesellschaft zur Förderung der Wis- senschaften e.V.	<b>2020207203</b>	Cenna Biosciences Inc.
<b>2019425686</b>	Dow Global Technologies LLC; Rohm and Haas Com- pany	<b>2020207252</b>	Asklepios Biopharmaceutical, Inc.
<b>2019426246</b>	Liu, J.; Nippon Zoki Pharmaceutical Co., Ltd.	<b>2020207410</b>	Figene, LLC
<b>2019426415</b>	Rheinmetall Waffe Munition GmbH	<b>2020207527</b>	Aesculus Bio ApS
<b>2019426474</b>	Mitsubishi Electric Corporation	<b>2020208357</b>	Austin Research Labs Corp.
<b>2019426475</b>	Angel Group Co., Ltd.	<b>2020208514</b>	Huawei Technologies Co., Ltd.
<b>2019426480</b>	Angel Group Co., Ltd.	<b>2020208539</b>	ZTE Corporation
<b>2019426678</b>	ResMed Pty Ltd	<b>2020208761</b>	UNION therapeutics A/S
<b>2019426695</b>	Zhejiang Shurcon Manufacturing Co Ltd	<b>2020208798</b>	Tricoya Technologies Ltd
<b>2019426836</b>	University of Padova; MGGM LLC; Institute for Re- search In Biomedicine	<b>2020208981</b>	Kaji Technology Corporation
<b>2019427078</b>	Zhejiang Shurcon Manufacturing Co. Ltd	<b>2020209221</b>	Becton, Dickinson and Company
<b>2019427194</b>	Angel Group Co., Ltd.	<b>2020209227</b>	Hologenix, LLC; Horinek, D.
<b>2019427228</b>	Saab AB	<b>2020209274</b>	Saipem S.p.A.
<b>2019427275</b>	Dow Global Technologies LLC; Rohm and Haas Com- pany	<b>2020209367</b>	University Health Network
<b>2019427482</b>	W. L. Gore & Associates, Inc.	<b>2020209661</b>	Bellerophon Therapeutics
<b>2019427717</b>	Angel Group Co., Ltd.	<b>2020209765</b>	CareFusion 2200, Inc.
<b>2019427806</b>	Abbott Diabetes Care Inc.	<b>2020209921</b>	W. L. Gore & Associates, Inc.
<b>2019427817</b>	Citrix Systems, Inc.	<b>2020209977</b>	Leonardo UK Ltd
<b>2019427962</b>	Kim, J.	<b>2020209991</b>	Immunocore Limited
<b>2019428019</b>	Boston Scientific Neuromodulation Corporation	<b>2020210418</b>	Lang Fang Jing Long Grand Industrial Machinery Co., Ltd.
<b>2019428070</b>	The General Hospital Corporation	<b>2020210635</b>	Bristol Myers Squibb Company
<b>2019428371</b>	Lindsay Transportation Solutions, LLC	<b>2020210738</b>	Edgy Tools LLC
<b>2019428648</b>	Lindsay Transportation Solutions, LLC	<b>2020210869</b>	Janssen Pharmaceutica NV
<b>2019428716</b>	KCI Licensing, Inc.	<b>2020210888</b>	Vanderbilt University
<b>2019429134</b>	Wisk Aero LLC	<b>2020211015</b>	Tyfo Sports Limited
<b>2019430134</b>	Shen Lun Technology Limited Company	<b>2020211093</b>	Redefine Meat Ltd.
<b>2019433190</b>	MW Matrix Inc.	<b>2020211361</b>	NodThera Limited
<b>2019437529</b>	California Institute of Technology	<b>2020211461</b>	Mayo Foundation for Medical Education and Research; Exact Sciences Development Company, LLC
		<b>2020211573</b>	Love Your Melon Inc.
		<b>2020211581</b>	Ranpak Corp.
		<b>2020211622</b>	The Australian National University
		<b>2020211650</b>	Suncor Energy Inc.
		<b>2020211817</b>	Council of Scientific and Industrial Research
		<b>2020211890</b>	W.L. Gore & Associates, Inc.

PCT applications which have entered the National Phase - Numerical Index cont'd

2020211980	The Roskamp Institute	2020216901	Encore Medical L.P. (d/b/a/ DJO Surgical)
2020212162	Guangzhou Xaircraft Technology Co., Ltd.	2020216911	Belvac Production Machinery, Inc.
2020212219	Huawei Technologies Co., Ltd.	2020216956	Capital One Services, LLC
2020212228	Innovent Biologics (Suzhou) Co., Ltd.	2020217012	Novarock Biotherapeutics, Ltd.
2020212596	H. Lundbeck A/S	2020217056	Sumitomo Heavy Industries, Ltd.
2020212612	MTI Biotech, Inc.; Moore, K.; Murphy, M.P.; Abumrad, N.; Fuller, J.J.	2020217492	Wohlfarth, K.
2020212673	Tigercat Industries Inc.	2020217600	ENGIE
2020213431	Greenfield Global Inc.	2020217603	Innospec Limited
2020213435	Fisher & Paykel Healthcare Limited	2020217708	Research Institute at Nationwide Children's Hospital; Ohio State Innovation Foundation
2020213460	Suzhou Astrabio Technology Co., Ltd.	2020217719	GRAIL, Inc.
2020213604	Support Technologies Innovations Pty Ltd	2020217804	2 Circle, Inc.
2020213608	Abey Australia Pty. Ltd.	2020217825	Jamieson Australia Pty. Ltd.
2020213609	NewSouth Innovations Pty Limited	2020217863	Novartis AG
2020213638	iQ Energy Inc.	2020217893	Innospec Limited
2020213641	Laboratoire Reaction Dynamics Inc.	2020217915	M.E.P. Macchine Elettroniche Piegatrici S.p.A.
2020213746	Altavant Sciences GmbH	2020217945	Gensight Biologics
2020213747	Aeroqual Ltd.	2020218002	CleanSpace IP Pty Ltd
2020213762	i360medical Ltd.	2020218006	ReGen III Corp.
2020213783	Sumitomo Electric Industries, Ltd.	2020218025	Wohlfarth, K.
2020213820	Edwards, A.; Edwards, S.	2020218035	Kobelco Construction Machinery Co., Ltd.
2020213876	Econac BVBA	2020218116	Doleschall, S.B.; Pap, G.
2020213924	Vibrosonic GmbH	2020218158	Prilenia Neurotherapeutics Ltd.
2020214032	BrightGene Bio-Medical Technology Co., Ltd.	2020218180	Eli Lilly and Company
2020214098	Coloplast A/S	2020218330	Elanco US Inc.
2020214135	Changchun Genescience Pharmaceutical Co., Ltd.	2020218373	Battelle Memorial Institute
2020214230	Abbott Diabetes Care Inc.	2020218501	Research Institute at Nationwide Children's Hospital
2020214288	Sigfox	2020218528	Qualcomm Incorporated
2020214314	scPharmaceuticals Inc.	2020218564	Rensselaer Polytechnic Institute
2020214425	ModernaTX, Inc.	2020218577	SOCpra Sciences Sante et Humaines S.E.C.
2020214507	Coherent Biopharma (Suzhou), Limited	2020218727	Boston Scientific Neuromodulation Corporation
2020214643	Burpulis, B.; Kelso, J.	2020218745	Pivot Bio, Inc.
2020214832	Direct Biologics LLC	2020218748	Elanco US Inc.
2020214841	Locus Robotics Corp.	2020218789	Bright Minz Pty Ltd
2020214843	ModernaTX, Inc.	2020218844	Merck Patent GmbH
2020214851	Techtronic Cordless GP	2020218845	Apeha.Bio NV
2020214952	Cheer Global Limited	2020218854	Innospec Limited
2020215042	Ideaya Biosciences, Inc.	2020218863	Cardiologs Technologies SAS
2020215098	BASF Coatings GmbH	2020219044	Becton, Dickinson and Company
2020215141	Reckitt Benckiser Health Limited	2020219046	Minerva Biotechnologies Corporation
2020215172	Medos International Sàrl	2020219128	Think Surgical, Inc.
2020215187	Zhang, H.	2020219224	The Coca-Cola Company
2020215227	BASF SE	2020219246	Seattle Children's Hospital (DBA Seattle Children's Research Institute)
2020215254	Prokarium Limited	2020219262	Gensight Biologics
2020215330	Core Scientific Creations Ltd.	2020219289	ENGIE
2020215380	Takeda Pharmaceutical Company Limited	2020219292	Innospec Limited
2020215499	Caterpillar Inc.	2020219343	Krystal Biotech, Inc.
2020215502	Becton, Dickinson and Company; Bansal, N.	2020219361	Cascade Corporation
2020215504	Caterpillar Inc.	2020219403	HID Global CID SAS
2020215507	Citrix Systems, Inc.	2020219428	Blue Solutions
2020215613	The Board of Trustees of the Leland Stanford Junior University	2020219440	Detnet South Africa (Pty) Ltd
2020215649	Avent, Inc.	2020219551	Panasonic Intellectual Property Management Co., Ltd.
2020215682	Duke University	2020219685	Research & Business Foundation Sungkyunkwan University
2020215710	Ideaya Biosciences, Inc.	2020219714	Boston Scientific Neuromodulation Corporation
2020215719	Locus Robotics Corp.	2020219775	New Growth Fitness LLC
2020215742	Detnet South Africa (Pty) Ltd	2020219781	Ecolab USA Inc.
2020215846	V-Shapes s.r.l.	2020219804	AC Immune S.A.; Janssen Pharmaceuticals, Inc.
2020216034	Hanmi Pharm. Co., Ltd.	2020219809	The Brigham and Women's Hospital, Inc.
2020216089	Caterpillar Inc.	2020219832	Becton, Dickinson and Company
2020216121	Abiomed, Inc.	2020219941	Guala Pack S.p.A.
2020216128	Tesla, Inc.	2020220245	Suncor Energy Inc.
2020216145	Smylio Inc.	2020220563	Expro North Sea Limited
2020216285	Caterpillar Inc.	2020220608	Syngenta Crop Protection AG
2020216374	The Johns Hopkins University	2020220631	GCS German Capsule Solution GmbH
2020216439	MTD Products Inc.	2020220894	Telefonaktiebolaget LM Ericsson (Publ)
2020216486	Memorial Sloan Kettering Cancer Center	2020221246	Boveta Nutrition LLC
2020216545	Community.Com, Inc.	2020221260	Rhodia Operations
2020216775	Caterpillar Inc.	2020221290	BASF Agricultural Solutions Seed US LLC
2020216787	Cellar Door Media, LLC DBA Lockr	2020221372	Amgen Inc.
2020216823	Sumitomo Electric Industries, Ltd.	2020221789	SWM Luxembourg
2020216887	Exithera Pharmaceuticals, Inc.		

## PCT applications which have entered the National Phase - Numerical Index cont'd

2020221839	Aligos Therapeutics, Inc.	2020230858	Wireman Pty Limited
2020221884	Innovaccer Inc.	2020230904	FrieslandCampina Nederland B.V.
2020221892	Dicerna Pharmaceuticals, Inc.	2020231030	BASF SE
2020221910	John Bean Technologies Corporation	2020231244	KPR U.S., LLC
2020221912	Edwards Lifesciences Corporation	2020231288	Microsoft Technology Licensing, LLC
2020222044	Mexichem Fluor S.A. de C.V.	2020231308	Allogene Therapeutics, Inc.; Pfizer Inc.
2020222221	DuPont Nutrition Biosciences ApS	2020231505	Adverum Biotechnologies, Inc.
2020222222	GCS German Capsule Solution GmbH	2020231509	Amgen Inc.
2020222326	Medpacto, Inc.	2020231602	Cox Powertrain Ltd.
2020222515	Suncor Energy Inc.	2020231886	Kabushiki Kaisha Toyota Jidoshokki
2020222877	Qualcomm Incorporated	2020232494	Daicel Corporation
2020222884	The Board of Trustees of the Leland Stanford Junior University	2020232597	Allogene Therapeutics, Inc.
2020222892	Heart Repair Technologies, Inc.	2020233370	Novus International Inc.
2020222959	Netflix, Inc.	2020233437	Suntory Holdings Limited
2020222960	SWM Luxembourg	2020234222	National Institute of Advanced Industrial Science and Technology; Daicel Corporation
2020223031	Ambrx, Inc.	2020234785	Merck Sharp & Dohme Corp.
2020223047	Edwards Lifesciences Corporation	2020235627	University of Pittsburgh - of the Commonwealth System of Higher Education
2020223088	SWM Luxembourg	2020236904	Genfit
2020223089	SWM Luxembourg	2020237344	Zydex Pty. Ltd.
2020223091	SWM Luxembourg	2020237604	Trelleborg Retford Limited
2020223293	Integral Molecular, Inc.	2020238756	Forma Lighting (HK) Limited
2020223335	Nil, L.	2020239426	National Institute of Advanced Industrial Science and Technology; Daicel Corporation
2020223404	Syngenta Crop Protection AG	2020239982	Microsoft Technology Licensing LLC
2020223507	alytas therapeutics GmbH	2020240034	Amgen Inc.
2020223515	Debiopharm International S.A.	2020241282	Microsoft Technology Licensing, LLC
2020223517	Bio Minerals NV	2020242654	Electrolux Appliances Aktiebolag
2020223846	Syngenta Crop Protection AG	2020243000	Abiomed Europe GmbH
2020223900	I.V.A.R. S.p.A.	2020245715	Integrated Nanotherapeutics Inc.
2020224102	Zoetis Services LLC	2020248120	Valeda Company, LLC
2020224147	HeartFlow, Inc.	2020249853	Daicel Corporation
2020224377	Ocado Innovation Limited	2020249854	Daicel Corporation
2020224843	Suntory Holdings Limited	2020250907	Stopinski, W.; Gajos- Stopinska, P.
2020225034	Diamidex	2020252261	Société Des Produits Nestlé SA
2020225096	Korea Food Research Institute	2020253034	Pieris Pharmaceuticals GmbH
2020225262	Chemetall GmbH	2020253885	Halliburton Energy Services, Inc.
2020225336	Roche Innovation Center Copenhagen A/S	2020254695	Grail, Inc.
2020225342	Janssen Pharmaceutica NV	2020254906	F. Hoffmann-La Roche AG; Shionogi & Co., Ltd.
2020225351	ECP Entwicklungsgesellschaft mbH	2020256589	Electrolux Appliances Aktiebolag
2020225410	GH Research Ireland Limited	2020257990	Nanologica AB
2020225413	La Parra Del Soberal, S.L.U	2020262262	American Sterilizer Company
2020225432	Microphyt	2020263550	Komatsu Ltd.
2020225578	Pfizer Inc.	2020265960	Huawei Technologies Co., Ltd.
2020225657	Inpher, Inc.	2020266755	Global Life Sciences Solutions USA LLC
2020225687	Roche Innovation Center Copenhagen A/S	2020267006	Global Life Sciences Solutions USA LLC
2020225753	KBC Groep NV	2020271496	Boston Scientific Scimed, Inc.
2020225760	Keygene N.V.	2020271838	Merck Patent GmbH
2020225766	GH Research Ireland Limited	2020281088	Coupang Corp.
2020225911	Van Rompay, B.G.	2020287909	N.V. Nutricia
2020226553	Huawei Technologies Co., Ltd.	2020288848	Philip Morris Products S.A.
2020226565	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.	2020289909	East China University of Science and Technology
2020226566	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.	2020294607	Boston Scientific Scimed, Inc.
2020226723	Janssen Pharmaceutica NV	2020295214	LG Energy Solution, Ltd.
2020226882	HeartFlow, Inc.	2020297185	Swiss Investments Australia Pty Ltd
2020227190	ETH Zurich	2020297273	Aries Gasification, LLC
2020227676	Taylor Commercial Foodservice, LLC.	2020305426	Nanjing University of Aeronautics and Astronautics
2020227757	Applied Medical Resources Corporation	2020326728	Interbid Pty Ltd
2020228971	Avent, Inc.	2020333565	Levena Biopharma Co., Ltd.
2020229085	Novartis AG; Friedrich Miescher Institute for Biomedical Research	2020348637	Jiangsu University
2020229360	Oticara, Inc.	2020355495	Margescu, G.A.
2020229374	Board of Regents, The University of Texas System	2020356797	The Toro Company
2020229472	Saipem S.p.A.	2020401160	RemeGen Co., Ltd.
2020229690	Avent, Inc.	2021204203	Seapa IP Pty Ltd
2020229748	Praxis Biotech LLC		
2020229876	Day Zero Diagnostics, Inc.		
2020229917	Huawei Technologies Co., Ltd.		
2020230013	GEA Mechanical Equipment GmbH		
2020230753	Asymptote Ltd		
2020230826	Casale SA		

IPC Index

<b><u>A01D 34 /-</u></b>	2020220608	<b><u>A23D 9 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 34 /-</u></b>	2020206903
2020216439	<b><u>A01N 39 /-</u></b>	2020230013	2020221789	2019418149	2020208761
<b><u>A01G 18 /-</u></b>	2020220608	2020230904	2020222960	2020219128	2020210888
2020213820	<b><u>A01N 43 /-</u></b>	<b><u>A23J 3 /-</u></b>	2020223089	<b><u>A61B 46 /-</u></b>	2020211361
<b><u>A01G 7 /-</u></b>	2020206874	2020211093	2020223091	2019418149	2020211980
2019414244	2020211650	<b><u>A42B 1 /-</u></b>	<b><u>A42B 1 /-</u></b>	<b><u>A61B 5 /-</u></b>	2020213746
<b><u>A01G 9 /-</u></b>	2020220245	<b><u>A23K 10 /-</u></b>	2020211573	2019427806	2020214032
2019414244	2020220608	2020208357	<b><u>A43B 7 /-</u></b>	2019428716	2020214314
<b><u>A01H 1 /-</u></b>	2020222515	<b><u>A23K 20 /-</u></b>	2020211015	2020214230	2020215042
2020221290	2020223404	2020221246	<b><u>A44B 17 /-</u></b>	2020218863	2020215141
<b><u>A01H 5 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47B 3 /-</u></b>	2020219832	2020215380
2020221290	2020220608	2020221246	<b><u>A47B 3 /-</u></b>	<b><u>A61B 8 /-</u></b>	2020215710
<b><u>A01K 1 /-</u></b>	2020223404	<b><u>A23L 13 /-</u></b>	2020206254	2020222884	2020216034
2020225413	<b><u>A01N 57 /-</u></b>	2020211093	<b><u>A47J 31 /-</u></b>	<b><u>A61B 90 /-</u></b>	2020216374
<b><u>A01K 13 /-</u></b>	2020206874	<b><u>A23L 17 /-</u></b>	2020220631	2020219128	2020218158
2020225413	<b><u>A01N 59 /-</u></b>	2020225432	2020222222	2020262262	2020218180
<b><u>A01K 61 /-</u></b>	2020211650	<b><u>A23L 2 /-</u></b>	2020252261	2020271496	2020219809
2020225413	<b><u>A01N 63 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A47J 36 /-</u></b>	2020294607	2020221839
<b><u>A01K 67 /-</u></b>	2020218845	2020233437	<b><u>A47J 37 /-</u></b>	<b><u>A61C 7 /-</u></b>	2020221892
2019414244	<b><u>A01P 1 /-</u></b>	<b><u>A23L 27 /-</u></b>	2020256589	2020223515	2020223517
2021204203	2020211650	2020224843	<b><u>A47J 39 /-</u></b>	2020223517	2020225034
<b><u>A01K 75 /-</u></b>	2020222515	2020230013	2020227676	2020225410	2020225342
2021204203	<b><u>A01P 13 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47L 11 /-</u></b>	2020225687	2020225410
<b><u>A01K 91 /-</u></b>	2020220608	2020222221	2019424115	2020225766	2020226723
2021204203	2020223404	2020224843	2020214851	2020226723	2020229748
<b><u>A01M 7 /-</u></b>	<b><u>A01P 21 /-</u></b>	2020225432	<b><u>A47L 13 /-</u></b>	2020233370	2020233370
2019415806	2020211650	2020230904	2019418722	2020236904	2020254906
<b><u>A01N 25 /-</u></b>	2020218845	2020245715	<b><u>A47L 17 /-</u></b>	2020254906	2020257990
2020220245	<b><u>A01P 3 /-</u></b>	2020287909	2019418722	2020271838	2020271838
<b><u>A01N 3 /-</u></b>	2020211650	<b><u>A23L 5 /-</u></b>	<b><u>A47L 17 /-</u></b>	2020287909	2020289909
2020211650	<b><u>A01P 7 /-</u></b>	2020224843	2019418722	<b><u>A61F 2 /-</u></b>	<b><u>A61K 33 /-</u></b>
<b><u>A01N 31 /-</u></b>	2020221910	2020288848	<b><u>A47L 9 /-</u></b>	2019427482	2020223517
2020220608	2020220245	<b><u>A23N 15 /-</u></b>	<b><u>A47L 9 /-</u></b>	2020209921	2020239426
<b><u>A01N 33 /-</u></b>	2020222515	2020213820	<b><u>A61B 1 /-</u></b>	2020216901	<b><u>A61K 35 /-</u></b>
2020210888	<b><u>A22C 17 /-</u></b>	<b><u>A23P 10 /-</u></b>	2020214851	2020221912	2020207410
<b><u>A01N 37 /-</u></b>	2020222515	2020245715	<b><u>A61B 17 /-</u></b>	2020222892	2020218330
2020220245	<b><u>A23C 15 /-</u></b>	<b><u>A23P 20 /-</u></b>	2019418722	2020223047	2020218564
<b><u>A23C 9 /-</u></b>	2020230013	2020211093	<b><u>A61F 5 /-</u></b>	<b><u>A61F 5 /-</u></b>	2020218748
2020287909	<b><u>A23C 9 /-</u></b>	<b><u>A24B 15 /-</u></b>	2020211015	2020214098	2020225096
2020220245	2020221789	2019427482	2020214098	<b><u>A61F 9 /-</u></b>	<b><u>A61K 38 /-</u></b>
	2020222960	2020215172	2020217945	<b><u>A61G 3 /-</u></b>	2019424751
	2020223088	2020219128	<b><u>A61G 3 /-</u></b>	<b><u>A61J 1 /-</u></b>	2020204917
	2020223091	2020221912	2020248120	2020209991	2020206388
	2020288848	2020227757	<b><u>A61J 15 /-</u></b>	2020207527	2020207203
		2020262262	2020231244	2020209991	2020207527
		2020294607	<b><u>A61K 31 /-</u></b>	2020210869	2020209991
			2019414963	2020210869	2020210869
			2020205139	2020214952	2020214952
			2020205643	2020218577	2020218577
			2020205863	2020218844	2020218844
				2020219246	2020219246
				2020253034	2020253034
				2020257990	2020257990
				2020401160	2020401160
				<b><u>A61K 39 /-</u></b>	<b><u>A61K 39 /-</u></b>
				2019415848	2019415848
				2019416071	2019416071



PCT applications which have entered the National Phase - IPC Index cont'd

2019424751	<b><u>A61K 9/-</u></b>	<b><u>A61M 60/-</u></b>	<b><u>A61P 3/-</u></b>	2020253034	2020218854
2020205100				2020289909	2020219292
2020209367	2020207252	2020225351	2020206388		
2020212228	2020208761	2020243000	2020215380	<b><u>A61Q 19/-</u></b>	<b><u>B01J 20/-</u></b>
2020215254	2020209991		2020223507		
2020216486	2020213609	<b><u>A61N 1/-</u></b>		2020215227	2020218373
2020217012	2020213746		<b><u>A61P 31/-</u></b>		
2020218564	2020214314	2019428019		<b><u>A62B 23/-</u></b>	<b><u>B01J 3/-</u></b>
2020219046	2020214843	2020218727	2020207527	2020218002	2020249853
2020219685	2020215141	2020219714	2020212228		2020249854
2020219804	2020218158		2020221839	<b><u>A63B 21/-</u></b>	
2020222326	2020223515	<b><u>A61N 5/-</u></b>	2020223515		<b><u>B01J 8/-</u></b>
2020225578	2020224102		2020253034	2020219775	2020219292
2020231308	2020225342	2020205670	2020254906		2020292723
2020234785	2020234222	2020217945		<b><u>A63B 23/-</u></b>	
2020401160	2020245715	2020219262			
	2020253034		<b><u>A61P 35/-</u></b>	2020219775	<b><u>B03D 1/-</u></b>
<b><u>A61K 41/-</u></b>	2020257990	<b><u>A61N 7/-</u></b>	2019415848		
			2019461286	<b><u>A63F 1/-</u></b>	2020231030
2020213609	<b><u>A61L 26/-</u></b>	2020222884	2020205643		
2020239426			2020206588	2019426480	<b><u>B05B 13/-</u></b>
	2020235627	<b><u>A61P 1/-</u></b>	2020209367	2019427717	
<b><u>A61K 45/-</u></b>			2020211361		2019416798
	<b><u>A61M 1/-</u></b>	2019428070	2020212228	<b><u>A63F 13/-</u></b>	
2020205643		2020207527	2020214032		<b><u>B05B 15/-</u></b>
2020215613	2019428716		2020214507	2019426475	2019416798
2020219685	2020207252	<b><u>A61P 11/-</u></b>	2020215042	2019427194	
2020222326	2020215330		2020215710	2020231288	<b><u>B05B 17/-</u></b>
2020223293		2020253034	2020216034		
2020239426	<b><u>A61M 11/-</u></b>		2020217012	<b><u>A63F 3/-</u></b>	2019416798
		<b><u>A61P 15/-</u></b>	2020219685		
<b><u>A61K 47/-</u></b>	2020229360		202022326	2019426480	<b><u>B05B 3/-</u></b>
		2019428070	2020223031	2019427717	
2019407234	<b><u>A61M 15/-</u></b>	2020218564	2020226723		
2020209991			2020231308	<b><u>A63F 9/-</u></b>	2019416798
2020213609	2020229360	<b><u>A61P 19/-</u></b>	2020239426		
2020214314			2020253034	2019426475	<b><u>B05C 1/-</u></b>
2020214507	<b><u>A61M 16/-</u></b>	2020218844	2020271838	2019426480	
2020214843		2020229374	2020401160	2019427717	2019425686
2020215141	2019426678	<b><u>A61P 21/-</u></b>			
2020215613	2020209661		<b><u>A61P 37/-</u></b>	<b><u>B01D 11/-</u></b>	<b><u>B05C 19/-</u></b>
2020219685	2020213435	2020218180		2020218006	2020219361
2020223031	2020215649	2020223517	2019428070		
2020223515			2020205073	<b><u>B01D 15/-</u></b>	<b><u>B05D 1/-</u></b>
2020225342	<b><u>A61M 25/-</u></b>	<b><u>A61P 25/-</u></b>	2020209367		
2020234222			2020210635	2020221372	2019425686
2020239426	2020207252	2019426836	2020211361		
2020245715	2020209221	2019428070	2020211980	<b><u>B01D 29/-</u></b>	<b><u>B09C 1/-</u></b>
2020257990	2020211890	2020205139	2020214507		
	2020216121	2020205863	2020223031	2019419406	2020218373
<b><u>A61K 48/-</u></b>	2020219832	2020207527	2020229374		
	2020228971	2020211361	2020253034	<b><u>B01D 39/-</u></b>	<b><u>B21D 11/-</u></b>
2020206675	2020229690	2020216374	2020287909		
2020214843		2020218158	2020401160	2019419406	2020217915
2020218501	<b><u>A61M 27/-</u></b>	2020218501			
2020219246		2020219804	<b><u>A61P 39/-</u></b>	<b><u>B01D 53/-</u></b>	<b><u>B21D 7/-</u></b>
2020231505	2020228971	2020219809			
		2020225096	2020210869	2020229472	2020217915
<b><u>A61K 49/-</u></b>	<b><u>A61M 3/-</u></b>	2020225410	2020212612		
		2020225432		<b><u>B01F 13/-</u></b>	<b><u>B21F 1/-</u></b>
2019425175	2019428716	2020225766	<b><u>A61P 43/-</u></b>		
2020222884		2020229374		2020214425	2020217915
	<b><u>A61M 39/-</u></b>	2020253034	2020210635		
<b><u>A61K 51/-</u></b>		2020401160	2020239426	<b><u>B01F 5/-</u></b>	<b><u>B21F 9/-</u></b>
	2020211890				
2019424751	2020219832	<b><u>A61P 29/-</u></b>	<b><u>A61P 7/-</u></b>	2020214425	2020230858
<b><u>A61K 8/-</u></b>	<b><u>A61M 5/-</u></b>	2020205139	2020206903	<b><u>B01F 7/-</u></b>	<b><u>B25B 25/-</u></b>
		2020209367	2020214952		
2020214832	2020219832	2020211980		2020267006	2020230858
2020215227	2020231244	2020218577	<b><u>A61P 9/-</u></b>		
2020245715		2020253034		<b><u>B01J 19/-</u></b>	<b><u>B25C 1/-</u></b>
			2020213746		
			2020214314	2020217893	2020215187

PCT applications which have entered the National Phase - IPC Index cont'd

<b>B25J 11 /-</b>	<b>B60L 53 /-</b>	<b>B65B 59 /-</b>	<b>B66C 1 /-</b>	<b>C04B 14 /-</b>	<b>C07D 221 /-</b>
2020221910	2020204713	2020213820	2020209274	2019445388	2020215710
<b>B25J 15 /-</b>	<b>B60L 9 /-</b>	<b>B65B 65 /-</b>	<b>B66F 11 /-</b>	<b>C04B 16 /-</b>	<b>C07D 233 /-</b>
2019426695 2020221910	2019429134	2020213820	2020206015	2019445388	2020215042
<b>B25J 5 /-</b>	<b>B60P 1 /-</b>	<b>B65D 21 /-</b>	<b>B66F 17 /-</b>	<b>C05C 3 /-</b>	<b>C07D 237 /-</b>
2020356797	2020215499 2020216089 2020217825	2020224377	2020206015	2020218745	2020205139
<b>B25J 9 /-</b>	<b>B60R 1 /-</b>	<b>B65D 41 /-</b>	<b>B66F 9 /-</b>	<b>C05C 5 /-</b>	<b>C07D 239 /-</b>
2020356797	2020217804	2020219941	2020219361	2020218745	2020211361 2020271838
<b>B26B 19 /-</b>	<b>B60S 3 /-</b>	<b>B65D 47 /-</b>	<b>B67D 1 /-</b>	<b>C05F 11 /-</b>	<b>C07D 249 /-</b>
2020209765	2020215499 2020216089	2020219941	2020219224	2020218745	2020211361
<b>B28B 11 /-</b>	<b>B62D 47 /-</b>	<b>B65D 65 /-</b>	<b>B67D 7 /-</b>	<b>C06B 23 /-</b>	<b>C07D 309 /-</b>
2020297185	2020216285	2020217603	2020219781	2020249854	2020289909
<b>B29C 45 /-</b>	<b>B62D 53 /-</b>	<b>B65D 75 /-</b>	<b>B82Y 20 /-</b>	<b>C06B 25 /-</b>	<b>C07D 401 /-</b>
2020219941	2020216285	2020215846 2020219941	2020249853	2020249854	2020211361 2020211980 2020212596 2020214032 2020215042 2020215380 2020216887 2020226723 2020271838
<b>B29C 64 /-</b>	<b>B62D 57 /-</b>	<b>B65D 77 /-</b>	<b>B82Y 30 /-</b>	<b>C07C 215 /-</b>	
2020237344	2019416797	2020224377	2020232494 2020234222 2020249853	2020212612	
<b>B30B 1 /-</b>	<b>B63B 59 /-</b>	<b>B65D 83 /-</b>	<b>B82Y 40 /-</b>	<b>C07C 225 /-</b>	
2020210738	2019416798	2020219781	2020232494 2020234222 2020249853 2020249854	2019426836	
<b>B31D 5 /-</b>	<b>B63H 20 /-</b>	<b>B65D 85 /-</b>	<b>B82Y 5 /-</b>	<b>C07C 229 /-</b>	<b>C07D 403 /-</b>
2020211581	2020231602	2020220631 2020222222	2020234222 2020257990	2019426836	2020211361 2020211980 2020212596 2020215380 2020271838
<b>B32B 3 /-</b>	<b>B64D 1 /-</b>	<b>B65D 88 /-</b>	<b>C01B 3 /-</b>	<b>C07C 235 /-</b>	
2019419428	2019415806	2019418102	2020227190 2020230826	2020205139	
<b>B33Y 10 /-</b>	<b>B64G 1 /-</b>	<b>B65D 90 /-</b>	<b>C01B 32 /-</b>	<b>C07C 311 /-</b>	<b>C07D 405 /-</b>
2020211093	2020355495	2019418102	2020208981 2020232494 2020234222 2020239426 2020249853 2020249854	2019425175	2020216887
<b>B33Y 30 /-</b>	<b>B65B 25 /-</b>	<b>B65G 1 /-</b>	<b>C01D 15 /-</b>	<b>C07C 33 /-</b>	<b>C07D 407 /-</b>
2020237344	2020213820	2020224377	2020218789	2020289909	2020215380
<b>B41J 7 /-</b>	<b>B65B 3 /-</b>	<b>B65G 43 /-</b>	<b>C02F 1 /-</b>	<b>C07C 69 /-</b>	<b>C07D 409 /-</b>
2020210738	2020219781	2020281088	2020218373	2020245715	2020206903
<b>B60B 19 /-</b>	<b>B65B 35 /-</b>	<b>B65G 47 /-</b>	<b>C02F 11 /-</b>	<b>C07D 205 /-</b>	<b>C07D 413 /-</b>
2019416797	2020213820	2020213608 2020221910	2020218373	2020216887	2020215380 2020333565
<b>B60B 27 /-</b>	<b>B65B 43 /-</b>	<b>B65G 53 /-</b>	<b>C04B 103 /-</b>	<b>C07D 207 /-</b>	<b>C07D 417 /-</b>
2020218025	2020213820	2020208798 2020217825	2019445388	2020211361 2020215380 2020229748	2020215380
<b>B60B 3 /-</b>	<b>B65B 5 /-</b>	<b>B65G 69 /-</b>	<b>C07D 213 /-</b>	<b>C07D 219 /-</b>	<b>C07D 471 /-</b>
2020217492 2020218025	2020213820	2020217825	2020215042 2020215710 2020218180	2020215042 2020215710 2020218180	2020216034 2020223031
<b>B60L 50 /-</b>	<b>B65B 57 /-</b>	<b>B65H 54 /-</b>			<b>C07D 487 /-</b>
2019429134	2020213820	2020211581			2020211650

PCT applications which have entered the National Phase - IPC Index cont'd

2020222515	2020214135		2020267006	2020212228	2020223091
<b><u>C07D 491 /-</u></b>	2020215682	<b><u>C09D 5 /-</u></b>			
	2020216486		<b><u>C12M 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>D21H 17 /-</u></b>
2020271838	2020217012	2019427228			
	2020219046	2020225262	2020230753	2019414963	2020223091
<b><u>C07D 498 /-</u></b>	2020222326	<b><u>C09D 7 /-</u></b>		2019426246	
	2020223293		<b><u>C12N 1 /-</u></b>	2019437529	<b><u>D21H 27 /-</u></b>
2020333565	2020223507	2020225262		2020205664	2020223091
	2020225578		2020211622	2020211461	
<b><u>C07D 513 /-</u></b>	2020229374	<b><u>C09K 5 /-</u></b>	2020218330	2020211817	<b><u>D21J 3 /-</u></b>
	2020231308		2020218745	2020214832	
2020221839	2020231505	2020222044	2020218748	2020215502	2019426695
	2020234785		2020218845	2020217719	2019427078
<b><u>C07D 515 /-</u></b>		<b><u>C09K 8 /-</u></b>	<b><u>C12N 11 /-</u></b>	2020221290	
	<b><u>C07K 19 /-</u></b>			2020225760	<b><u>E01B 19 /-</u></b>
2020221839		2019445388	2020211622	2020229876	
	2020205100	2019445862	2020215613	2020236904	2020237604
<b><u>C07F 9 /-</u></b>	2020401160			2020254695	
		<b><u>C10B 57 /-</u></b>	<b><u>C12N 15 /-</u></b>		<b><u>E01F 13 /-</u></b>
2020212612	<b><u>C07K 7 /-</u></b>			<b><u>C12R 1 /-</u></b>	
		2020213638	2019414963		2019428371
<b><u>C07H 19 /-</u></b>	2020207203		2019461286	2020218330	2019428648
	2020218577	<b><u>C10G 2 /-</u></b>	2020204917	2020218748	
2020225336			2020205100		<b><u>E01F 15 /-</u></b>
	<b><u>C08F 110 /-</u></b>	2020213431	2020205621	<b><u>C22B 1 /-</u></b>	
<b><u>C07H 21 /-</u></b>			2020209367	2020219428	2019428371
	2020218854	<b><u>C10G 67 /-</u></b>	2020211622		2019428648
2020225687			2020212228	<b><u>C22B 26 /-</u></b>	<b><u>E01H 1 /-</u></b>
	<b><u>C08F 2 /-</u></b>	2020218006	2020213609		
<b><u>C07H 3 /-</u></b>			2020214135	2020219428	2019424115
	2020217893	<b><u>C10J 3 /-</u></b>	2020215254		
2020225034	2020218854		2020215682	<b><u>C22B 3 /-</u></b>	<b><u>E02D 27 /-</u></b>
	2020219292	2020297273	2020216486		
<b><u>C07J 5 /-</u></b>			2020217708	2020218789	2020223335
	<b><u>C08F 210 /-</u></b>	<b><u>C10K 1 /-</u></b>	2020218330		
2020245715			2020218501	<b><u>C22B 7 /-</u></b>	<b><u>E02D 5 /-</u></b>
	2020218854	2020297273	2020218748		
<b><u>C07K 1 /-</u></b>			2020219343	2020219428	2020223335
	<b><u>C08K 3 /-</u></b>	<b><u>C10L 1 /-</u></b>	2020221290		
2020206388			2020221892	<b><u>C23C 18 /-</u></b>	<b><u>E02F 3 /-</u></b>
2020240034	2019427228	2020213431	2020225687		
	2020225262		2020229085	2020256589	2020216285
<b><u>C07K 11 /-</u></b>		<b><u>C10L 3 /-</u></b>			
	<b><u>C08K 5 /-</u></b>		<b><u>C12N 5 /-</u></b>	<b><u>C25B 1 /-</u></b>	<b><u>E02F 9 /-</u></b>
2020207527		2020213638			
	2020225262		2019424751	2019408844	2020215499
<b><u>C07K 14 /-</u></b>		<b><u>C11C 3 /-</u></b>	2020207410		2020216089
	<b><u>C08L 101 /-</u></b>		2020214832	<b><u>C25B 9 /-</u></b>	2020216285
2019416071		2020245715	2020216486		2020216439
2020206388	2020232494		2020222326	2019408844	2020218035
2020206675		<b><u>C11D 1 /-</u></b>			2020263550
2020207203	<b><u>C09B 57 /-</u></b>		<b><u>C12N 7 /-</u></b>	<b><u>D03D 15 /-</u></b>	
2020207527		2020221260			<b><u>E04B 1 /-</u></b>
2020214952	2019425175	2020245715		2020209227	
2020215682			2020215682		2020223335
2020216486	<b><u>C09C 1 /-</u></b>	<b><u>C11D 11 /-</u></b>	2020218564	<b><u>D03D 21 /-</u></b>	
2020217708					<b><u>E04F 21 /-</u></b>
2020218330	2020232494	2020221260	<b><u>C12N 9 /-</u></b>	2020209227	
2020218564					2019425686
2020218748	<b><u>C09D 133 /-</u></b>	<b><u>C11D 3 /-</u></b>	2020211622	<b><u>D03D 49 /-</u></b>	
2020219246			2020213609		<b><u>E04G 21 /-</u></b>
2020219343	2019427275	2020221260	2020222221	2020209227	
2020232597	2020225262		2020229085		2020213876
	<b><u>C09D 17 /-</u></b>	<b><u>C12G 3 /-</u></b>		<b><u>D06F 37 /-</u></b>	
<b><u>C07K 16 /-</u></b>			<b><u>C12P 19 /-</u></b>		<b><u>E04H 17 /-</u></b>
	2020232494	2020218116		2019415665	
2019415848			2019437529	<b><u>D06F 39 /-</u></b>	2020230858
2019461286	<b><u>C09D 175 /-</u></b>	<b><u>C12H 6 /-</u></b>	2020225578		
2020205073				2020219781	<b><u>E04H 4 /-</u></b>
2020205100	2020225262	2020218116	<b><u>C12P 21 /-</u></b>		
2020206588				<b><u>D21H 11 /-</u></b>	2019418102
2020209367	<b><u>C09D 183 /-</u></b>	<b><u>C12M 1 /-</u></b>	2019424751		
2020210635			2020204917	2020223089	
2020212228	2020256589	2019423931	2020209367		
		2020266755			

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>E21B 21 /-</u></b>		<b><u>F21S 4 /-</u></b>	<b><u>G01C 23 /-</u></b>	<b><u>G02B 19 /-</u></b>	<b><u>G06K 19 /-</u></b>
2019445862	<b><u>F03D 80 /-</u></b>	2020238756	2020212162	2019422926	2019426480
	2019417827				2019427717
<b><u>E21B 29 /-</u></b>	<b><u>F04B 39 /-</u></b>	<b><u>F21V 15 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06K 9 /-</u></b>
2020205421	2020208981	2020238756	2020253885	2019426415	2020216128
				2020206304	
<b><u>E21B 33 /-</u></b>	<b><u>F04D 13 /-</u></b>	<b><u>F21V 19 /-</u></b>	<b><u>G01F 23 /-</u></b>	<b><u>G02B 30 /-</u></b>	<b><u>G06N 10 /-</u></b>
2020205421	2020348637	2020238756	2019415806	2020206304	2020239982
				2020207160	
<b><u>E21B 41 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F21V 29 /-</u></b>	<b><u>G01J 3 /-</u></b>	<b><u>G05B 17 /-</u></b>	<b><u>G06N 20 /-</u></b>
2020220563	2020348637	2020238756	2020215098	2019417827	2020216787
<b><u>E21B 43 /-</u></b>	<b><u>F16C 17 /-</u></b>	<b><u>F21W 131 /-</u></b>	<b><u>G01L 1 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06N 5 /-</u></b>
2018313862	2020212673	2020262262	2020253885	2019424115	2019416203
2019445862				2019430134	2019416204
				2020214841	2020225753
<b><u>E21B 47 /-</u></b>	<b><u>F16C 29 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>G01L 11 /-</u></b>	2020356797	<b><u>G06N 7 /-</u></b>
2020220563	2020219361	2020217056	2020253885		
<b><u>E21B 7 /-</u></b>	<b><u>F16C 32 /-</u></b>	<b><u>F24C 7 /-</u></b>	<b><u>G01L 19 /-</u></b>	<b><u>G05G 9 /-</u></b>	2019416204
2018313862	2020219361	2020206304	2020253885	2020216439	2020225753
		2020207160			
<b><u>E21C 25 /-</u></b>	<b><u>F16C 33 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>
2020210418	2020219361	2019438605	2019425175	2019427817	2018455995
			2020205664		2020204932
<b><u>E21D 21 /-</u></b>	<b><u>F16D 1 /-</u></b>	<b><u>F24T 10 /-</u></b>	2020215098	<b><u>G06F 11 /-</u></b>	2020215504
2020213604	2019415665	2019414244	2020217056	2020217804	2020215719
	2020216911			2020231288	2020216775
<b><u>E21F 13 /-</u></b>	<b><u>F16G 11 /-</u></b>	<b><u>F25B 1 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>G06Q 20 /-</u></b>
2019446069	2020230858	2019438605	2020221372	2020216545	2020204932
					2020216956
<b><u>F01M 13 /-</u></b>	<b><u>F16H 57 /-</u></b>	<b><u>F25B 49 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 30 /-</u></b>
2020231602	2020212673	2019438605	2019424751	2020215098	2019418877
			2019425175	2020221884	2020204932
<b><u>F02B 37 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F25D 11 /-</u></b>	2019426246		2020326728
2020231886	2020208981	2020219551	2020205664	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 50 /-</u></b>
			2020206675	2020224147	2018455995
<b><u>F02B 61 /-</u></b>	<b><u>F16J 9 /-</u></b>	<b><u>F25D 17 /-</u></b>	2020212228	<b><u>G06F 21 /-</u></b>	2019418877
2020231602	2020208981	2020219551	2020213460	2019426480	2019427717
			2020213747	2020215504	2020215719
<b><u>F02D 23 /-</u></b>	<b><u>F16K 17 /-</u></b>	<b><u>F25D 25 /-</u></b>	2020219289	202025090	2020226882
2020231886	2020217825	2020219551	2020221246	2020219403	
			2020221372	2020250907	
<b><u>F02D 41 /-</u></b>	<b><u>F16K 27 /-</u></b>	<b><u>F41H 3 /-</u></b>	2020225034		
2020231886	2019427962	2019427228	2020231509	<b><u>G06F 3 /-</u></b>	<b><u>G06T 19 /-</u></b>
			2020254695	2019427817	2020241282
<b><u>F02K 9 /-</u></b>	<b><u>F16K 3 /-</u></b>	<b><u>F42C 11 /-</u></b>	2020257990	2020214643	<b><u>G06T 7 /-</u></b>
2020213641	2019427962	2020219440		2020221884	2020215098
			<b><u>G01S 13 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G07C 5 /-</u></b>
<b><u>F03B 13 /-</u></b>	<b><u>F16L 13 /-</u></b>	<b><u>F42D 1 /-</u></b>	2020241282	2020221884	2020217804
2020225911	2020223900	2020215742	<b><u>G01S 7 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G07F 15 /-</u></b>
		2020219440	2019433190	2020215507	2020204713
<b><u>F03D 13 /-</u></b>	<b><u>F16L 33 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G01V 3 /-</u></b>	2020216956	
2020209274	2020223900	2019446069	2019414849		
<b><u>F03D 7 /-</u></b>					
2019417827					

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>G07F 7 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04N 21 /-</u></b>
2020216956	2020213783	2020222959
	2020216823	
<b><u>G09C 1 /-</u></b>	2020227190	<b><u>H04N 5 /-</u></b>
2020250907		2020229917
<b><u>G10K 11 /-</u></b>	<b><u>H01Q 1 /-</u></b>	
	2020212219	<b><u>H04Q 9 /-</u></b>
2020237604	<b><u>H01Q 21 /-</u></b>	2020217600
		2020263550
<b><u>G10L 15 /-</u></b>	2019426474	<b><u>H04R 17 /-</u></b>
2020326728	<b><u>H01Q 3 /-</u></b>	2020213924
<b><u>G16B 20 /-</u></b>	2019426474	<b><u>H04R 25 /-</u></b>
2020217719	<b><u>H01S 3 /-</u></b>	2020213924
2020225760	2019426415	
<b><u>G16B 25 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04W 4 /-</u></b>
2020217719	2020204713	2018455995
<b><u>G16H 10 /-</u></b>	<b><u>H04B 10 /-</u></b>	2020208539
2020217863	2020209977	2020216956
		2020217600
<b><u>G16H 20 /-</u></b>	<b><u>H04B 3 /-</u></b>	2020241282
2020219044	2020220563	
2020221246		<b><u>H04W 48 /-</u></b>
<b><u>G16H 40 /-</u></b>	<b><u>H04B 7 /-</u></b>	2020206808
2020219044	2020214288	<b><u>H04W 64 /-</u></b>
	2020220894	2020218528
<b><u>G16H 50 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2020217863	2020222877	2019423293
<b><u>H01H 71 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 8 /-</u></b>
2019414540	2018455995	2020208514
<b><u>H01L 31 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019422926	2018455995	2020242654
2020305426	2020205090	
<b><u>H01L 51 /-</u></b>	2020217600	
2020305426	2020219403	
<b><u>H01M 10 /-</u></b>	<b><u>H04L 5 /-</u></b>	
2020219428	2020218528	
2020295214	2020222877	
<b><u>H01M 4 /-</u></b>	<b><u>H04L 9 /-</u></b>	
2020213783	2018455995	
2020216823	2020204946	
2020219428	2020216787	
	2020225657	
<b><u>H01M 50 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2020295214	2019416633	
<b><u>H01M 6 /-</u></b>	2020226553	
2020219428	2020226565	
	2020226566	
	2020265960	

Applications Accepted

Name Index

---

(71) 22nd Century Limited, LLC  
 (11) AU-B-2019201134  
 (21) 2019201134 (22) 18.02.2019  
 (54) REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
 (43) 07.03.2019  
 (44) 19.08.2021  
 (62) 2017239579  
 (72) HASHIMOTO, Takashi; KATO, Akira  
 (74) Griffith Hack

---

(71) 60° Pharmaceuticals LLC; National University of Singapore; Singapore Health Services Pte Ltd.  
 (11) AU-B-2016368580  
 (21) 2016368580 (22) 09.12.2016  
 (54) Novel dosing regimens of celgosivir for the prevention of dengue  
 (51) Int. Cl.  
**A61K 31/437** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**C07D 471/00** ( 2006.01 )  
 (87) WO2017/100505  
 (31) 62/266,119 (32) 11.12.15 (33) US  
 (43) 15.06.2017  
 (44) 19.08.2021  
 (72) Vasudevan, Subhash; Dow, Geoffrey S.; Watanabe, Satoru; Ooi, Eng Eong; Low, Jenny; Chan, Kitti Wing Ki  
 (74) Shelston IP Pty Ltd.

---

(71) Aarbakke Innovation, AS  
 (11) AU-B-2019274220  
 (21) 2019274220 (22) 18.05.2019  
 (54) Method for modifying installed wellbore flow control devices  
 (51) Int. Cl.  
**E21B 43/112** ( 2006.01 )  
**E21B 29/08** ( 2006.01 )  
**E21B 34/06** ( 2006.01 )  
**E21B 43/119** ( 2006.01 )  
 (87) WO2019/224675  
 (31) 62/676,303 (32) 25.05.18 (33) US  
 (43) 28.11.2019  
 (44) 19.08.2021  
 (72) HANSEN, Henning; GUDMESTAD, Tarald  
 (74) AUSTRALASIA IP PTY LTD

---

(71) AbbVie Inc.  
 (11) AU-B-2017274442  
 (21) 2017274442 (22) 01.06.2017  
 (54) Glucocorticoid receptor agonist and immunoconjugates thereof  
 (51) Int. Cl.  
**C07J 71/00** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 37/00** ( 2006.01 )

**C07K 16/24** ( 2006.01 )  
 (87) WO2017/210471  
 (31) 62/344,948 (32) 02.06.16 (33) US  
 62/371,134 04.08.16 US  
 (43) 07.12.2017  
 (44) 19.08.2021  
 (72) McPherson, Michael J.; Hobson, Adrian D.; Hayes, Martin E.; Marvin, Christopher C.; Schmidt, Diana; Waegell, Wendy; Goess, Christian; Oh, Jason Z.; Hernandez Jr., Axel; Randolph, John T.  
 (74) Spruson & Ferguson

---

(71) Ab Initio Technology LLC  
 (11) AU-B-2019204395  
 (21) 2019204395 (22) 21.06.2019  
 (54) VISUALLY SPECIFYING SUBSETS OF COMPONENTS IN GRAPH-BASED PROGRAMS THROUGH USER INTERACTIONS  
 (51) Int. Cl.  
**G06F 9/44** ( 2006.01 )  
 (43) 11.07.2019  
 (44) 19.08.2021  
 (62) 2017202028  
 (72) Stanfill, Craig W.; Weiss, Adam; Roberts, Andrew F.; Kukulich, Stephen A.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Accenture Global Solutions Limited  
 (11) AU-B-2020203862  
 (21) 2020203862 (22) 11.06.2020  
 (54) ARTIFICIAL INTELLIGENCE (AI) BASED PREDICTIONS AND RECOMMENDATIONS FOR EQUIPMENT  
 (51) Int. Cl.  
**G06N 5/00** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06Q 10/00** ( 2012.01 )  
**G06Q 10/06** ( 2012.01 )  
 (31) 16/441,941 (32) 14.06.19 (33) US  
 (43) 07.01.2021  
 (44) 19.08.2021  
 (72) RAMALINGAM, Rajarajan Thangavel; RYABOVOL, Vladimir Valeryevich; MUNIVELU, Auri Priyadarshini; LAKSHMANAN, Ramanathan; VINNAKOTA, Ravi Kanth; D S, Sunil Kumara; CHIDANANDAPPA, Basavaraj; PERUMALLA, Venkata Rama Krishna  
 (74) Murray Trento & Associates Pty Ltd

---

(71) Adeka Corporation  
 (11) AU-B-2017226682  
 (21) 2017226682 (22) 02.03.2017  
 (54) Resin additive composition, thermoplastic resin composition, and molded article thereof  
 (51) Int. Cl.  
**C08K 5/527** ( 2006.01 )  
**C08K 5/098** ( 2006.01 )  
**C08L 23/00** ( 2006.01 )

**C08L 31/00** ( 2006.01 )  
**C08L 101/00** ( 2006.01 )  
 (87) WO2017/150662  
 (31) 2017-037166 (32) 28.02.17 (33) JP  
 2017-037167 28.02.17 JP  
 2016-040283 02.03.16 JP  
 2017-037165 28.02.17 JP  
 2017-037168 28.02.17 JP  
 2017-037169 28.02.17 JP  
 (43) 08.09.2017  
 (44) 19.08.2021  
 (72) Mizushima, Hiroaki; Okamoto, Yuri; Horikoshi, Takahiro  
 (74) Spruson & Ferguson

---

(71) Adobe Inc.  
 (11) AU-B-2017204297  
 (21) 2017204297 (22) 26.06.2017  
 (54) VISUAL SIMILARITY BASED FONT REPLACEMENT FOR DESKTOP AND WEB APPLICATIONS  
 (51) Int. Cl.  
**G06K 9/62** ( 2006.01 )  
**G06F 40/109** ( 2020.01 )  
 (31) 15/269,492 (32) 19.09.16 (33) US  
 (43) 05.04.2018  
 (44) 19.08.2021  
 (72) Wang, Zhaowen; Jin, Hailin; Miller, Gavin  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-B-2018200164  
 (21) 2018200164 (22) 09.01.2018  
 (54) FORECASTING HUMAN DYNAMICS FROM STATIC IMAGES  
 (51) Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06K 9/46** ( 2006.01 )  
**G06T 1/40** ( 2006.01 )  
 (31) 15/481,564 (32) 07.04.17 (33) US  
 (43) 25.10.2018  
 (44) 19.08.2021  
 (72) Yang, Jimei; Chao, Yu-Wei; Cohen, Scott D.; Price, Brian L.  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-B-2018203392  
 (21) 2018203392 (22) 15.05.2018  
 (54) PLACEMAT: A UI FOR 2D/3D COMPOSITION  
 (51) Int. Cl.  
**G06T 19/20** ( 2011.01 )  
 (31) 15/644,424 (32) 07.07.17 (33) US  
 (43) 24.01.2019  
 (44) 19.08.2021  
 (72) Zhou, Qingnan  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-B-2018205185  
 (21) 2018205185 (22) 13.07.2018

Applications Accepted - Name Index cont'd

(54) SCALABLE FONT PAIRING WITH ASYMMETRIC METRIC LEARNING  
 (51) Int. Cl.  
*G06F 17/00* ( 2019.01 )  
 (31) 15/729,855 (32) 11.10.17 (33) US  
 (43) 02.05.2019  
 (44) 19.08.2021  
 (72) Wang, Zhaowen; Jin, Hailin; Jiang, Shuhui; Hertzmann, Aaron  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2018253636  
 (21) 2018253636 (22) 29.10.2018  
 (54) AUTOMATICALLY GENERATING INSTRUCTIONS FROM TUTORIALS FOR SEARCH AND USER NAVIGATION  
 (51) Int. Cl.  
*G06N 5/00* ( 2006.01 )  
*G06Q 10/00* ( 2012.01 )  
 (31) 15/885,363 (32) 31.01.18 (33) US  
 (43) 15.08.2019  
 (44) 19.08.2021  
 (72) Lipka, Nedim; Heindorf, Stefan  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2019201961  
 (21) 2019201961 (22) 20.03.2019  
 (54) SYSTEM FOR CONTENT-AWARE VECTOR PATH CREATION FROM RASTER IMAGE DATA  
 (51) Int. Cl.  
*G06T 5/00* ( 2006.01 )  
 (31) 15/996,115 (32) 01.06.18 (33) US  
 (43) 19.12.2019  
 (44) 19.08.2021  
 (72) Peterson, John  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2019204032  
 (21) 2019204032 (22) 07.06.2019  
 (54) ANIMATION PRODUCTION SYSTEM  
 (51) Int. Cl.  
*G06T 13/00* ( 2011.01 )  
 (31) 16/057,668 (32) 07.08.18 (33) US  
 (43) 27.02.2020  
 (44) 19.08.2021  
 (72) Subramonyam, Hariharan; Adar, Eytan; Dontcheva, Lubomira; Li, Wilmot Wei-Mau  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2019213404  
 (21) 2019213404 (22) 08.08.2019  
 (54) UNIFIED SELECTION MODEL FOR VECTOR AND RASTER GRAPHICS  
 (51) Int. Cl.  
*G06T 3/00* ( 2006.01 )  
 (31) 62/745,121 (32) 12.10.18 (33) US  
 16/379,252 09.04.19 US  
 (43) 30.04.2020

(44) 19.08.2021  
 (72) Voliter, Robert  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2019268184  
 (21) 2019268184 (22) 22.11.2019  
 (54) PRECISE AND ROBUST CAMERA CALIBRATION  
 (51) Int. Cl.  
*G06T 11/00* ( 2006.01 )  
 (31) 16/257,495 (32) 25.01.19 (33) US  
 (43) 13.08.2020  
 (44) 19.08.2021  
 (72) Eisenmann, Jonathan; Xian, Wenqi; Fisher, Matthew; Shechtman, Elya; Oxholm, Geoffrey  
 (74) RnB IP Pty Ltd

(71) Adobe Inc.  
 (11) AU-B-2020201593  
 (21) 2020201593 (22) 04.03.2020  
 (54) AUTOMATIC SYNTHESIS OF A CONTENT-AWARE SAMPLING REGION FOR A CONTENT-AWARE FILL  
 (51) Int. Cl.  
*G06K 9/46* ( 2006.01 )  
*G06T 5/00* ( 2006.01 )  
*H04N 19/00* ( 2014.01 )  
 (31) 16/420,782 (32) 23.05.19 (33) US  
 (43) 10.12.2020  
 (44) 19.08.2021  
 (72) Amirghodsi, Sohrab; Shechtman, Elya; Novo, Derek  
 (74) RnB IP Pty Ltd

(71) Advanced New Technologies Co., Ltd.  
 (11) AU-B-2019222729  
 (21) 2019222729 (22) 14.02.2019  
 (54) Asset management method and apparatus, and electronic device  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
 (87) WO2019/161022  
 (31) 201810151606.3 (32) 14.02.18 (33) CN  
 (43) 22.08.2019  
 (44) 19.08.2021  
 (72) YAN, Xuebing  
 (74) Spruson & Ferguson

(71) Advanced New Technologies Co., Ltd.  
 (11) AU-B-2019294726  
 (21) 2019294726 (22) 27.06.2019  
 (54) Blockchain-based smart contract invocation method and apparatus, and electronic device  
 (51) Int. Cl.  
*H04L 9/32* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
 (87) WO2020/006164  
 (31) 201810681249.1 (32) 27.06.18 (33) CN  
 (43) 02.01.2020  
 (44) 19.08.2021  
 (72) QIU, Honglin  
 (74) Spruson & Ferguson

(71) Afton Chemical Corporation  
 (11) AU-B-2019202765  
 (21) 2019202765 (22) 18.04.2019  
 (54) MULTIFUNCTIONAL BRANCHED POLYMERS WITH IMPROVED LOW-TEMPERATURE PERFORMANCE  
 (51) Int. Cl.  
*C10M 143/02* ( 2006.01 )  
*C10M 133/04* ( 2006.01 )  
 (31) 15/961,971 (32) 25.04.18 (33) US  
 (43) 14.11.2019  
 (44) 19.08.2021  
 (72) Sheng, Jiang; Carranza, Arturo  
 (74) Patent Attorney Services

(71) Agile Therapeutics, Inc.  
 (11) AU-B-2016264137  
 (21) 2016264137 (22) 18.05.2016  
 (54) Contraceptive compositions and methods for improved efficacy and modulation of side effects  
 (51) Int. Cl.  
*A61K 31/565* ( 2006.01 )  
*A61K 31/57* ( 2006.01 )  
*A61P 15/18* ( 2006.01 )  
 (87) WO2016/187269  
 (31) 62/254,999 (32) 13.11.15 (33) US  
 62/163,113 18.05.15 US  
 (43) 24.11.2016  
 (44) 19.08.2021  
 (72) Kydonieus, Agis; Kafriksen, Michael E.; Macfarlane, Katie  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AgJunction LLC  
 (11) AU-B-2016259362  
 (21) 2016259362 (22) 16.11.2016  
 (54) Sensor alignment calibration  
 (51) Int. Cl.  
*G01C 25/00* ( 2006.01 )  
 (31) 62/257,395 (32) 19.11.15 (33) US  
 15/350,494 14.11.16 US  
 (43) 08.06.2017  
 (44) 19.08.2021  
 (72) Medagoda, Eran D.B.; Ramm, Andreas F.; Dang, Tri M.; Boseley, Adam  
 (74) Davies Collison Cave Pty Ltd

Agra, O. see Shoolman, Y.  
 (21) 2018294443

(71) Agrowing Ltd  
 (11) AU-B-2016350155  
 (21) 2016350155 (22) 08.11.2016  
 (54) A method for aerial imagery acquisition and analysis  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*G01J 3/28* ( 2006.01 )  
 (87) WO2017/077543  
 (31) 62/252,513 (32) 08.11.15 (33) US  
 (43) 11.05.2017  
 (44) 19.08.2021  
 (72) Dvir, Ira; Rabinowitz Batz, Nitzan  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) AI Therapeutics, Inc.  
 (11) AU-B-2016297555  
 (21) 2016297555 (22) 19.07.2016  
 (54) Methods for treating cancer using apilimod  
 (51) Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2017/015262  
 (31) 62/194,367 (32) 20.07.15 (33) US  
 (43) 26.01.2017  
 (44) 19.08.2021  
 (72) Lichenstein, Henri; Rothberg, Jonathan M.; Gayle, Sophia; Beeharry, Neil; Beckett, Paul; Landrette, Sean; Conrad, Chris; Xu, Tian  
 (74) FB Rice Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-B-2016295168  
 (21) 2016295168 (22) 15.07.2016  
 (54) Multi-targeted single entity conjugates  
 (51) Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
 (87) WO2017/015109  
 (31) 62/194,003 (32) 17.07.15 (33) US  
 (43) 26.01.2017  
 (44) 19.08.2021  
 (72) Jadhav, Vasant; Maier, Martin; Zlatev, Ivan; Akinc, Akin; Rajeev, Kallanthottathil G.; Nair, Jayaprakash K.; Kandasamy, Pachamuthu; Manoharan, Muthiah  
 (74) Griffith Hack

(71) Alstom Transport Technologies  
 (11) AU-B-2016200631  
 (21) 2016200631 (22) 02.02.2016  
 (54) A public transport vehicle with a panoramic view  
 (51) Int. Cl.  
**G09F 15/02** ( 2006.01 )  
**B61C 17/00** ( 2006.01 )  
**B61D 17/00** ( 2006.01 )  
**G09F 7/02** ( 2006.01 )  
**G09F 19/22** ( 2006.01 )  
 (31) 15305176.8 (32) 06.02.15 (33) EP  
 (43) 25.08.2016  
 (44) 19.08.2021  
 (72) Combeau, Eric; Frind, Christopher; Rufflard, Nicolas  
 (74) Davies Collison Cave Pty Ltd

(71) Altus NZ Limited  
 (11) AU-B-2020201690  
 (21) 2020201690 (22) 06.03.2020  
 (54) IMPROVEMENTS IN OR RELATING TO WINDOW STAYS  
 (51) Int. Cl.  
**E05D 15/40** ( 2006.01 )  
**E05D 15/32** ( 2006.01 )  
 (43) 26.03.2020

(44) 19.08.2021  
 (62) 2019216641  
 (72) Holden, Ronald; Couzyn, Nolan Lloyd; Wadia, Farrokh  
 (74) James & Wells Intellectual Property

(71) Amazon Technologies, Inc.  
 (11) AU-B-2016372161  
 (21) 2016372161 (22) 15.12.2016  
 (54) Video on demand for audio/video recording and communication devices  
 (51) Int. Cl.  
**G08B 13/194** ( 2006.01 )  
 (87) WO2017/106506  
 (31) 62/267,762 (32) 15.12.15 (33) US  
 62/289,114 29.01.16 US  
 (43) 22.06.2017  
 (44) 19.08.2021  
 (72) Modestine, John; Roth, Joshua  
 (74) LAMINAR IP PTY LTD

(71) Amazon Technologies, Inc.  
 (11) AU-B-2019275575  
 (21) 2019275575 (22) 04.12.2019  
 (54) Sharing video footage from audio/video recording and communication devices  
 (51) Int. Cl.  
**H04N 7/18** ( 2006.01 )  
 (43) 02.01.2020  
 (44) 19.08.2021  
 (62) 2017223188  
 (72) Siminoff, James; Cziment, August; Harpole, Aaron; Lemberger, Elliott; Modestine, John; Sommerlatt, Darrell  
 (74) LAMINAR IP PTY LTD

(71) AMERICAN GREETINGS CORPORATION  
 (11) AU-B-2016200605  
 (21) 2016200605 (22) 01.02.2016  
 (54) MOTORIZED GIFT CARD HOLDERS  
 (51) Int. Cl.  
**B42D 15/02** ( 2006.01 )  
 (31) 14/664,996 (32) 23.03.15 (33) US  
 (43) 13.10.2016  
 (44) 19.08.2021  
 (72) Begin, Anthony; Mayer, David; Hughes, Terry; Guo, Jerry; Qiao, Tiger; Talbot, John; Shlonsky, Lynne; Speck, Katalina; Mason, Sarah; Marsh, Allison; Zhang, Donald  
 (74) Spruson & Ferguson

(71) American Wave Machines, Inc  
 (11) AU-B-2020244441  
 (21) 2020244441 (22) 29.09.2020  
 (54) IMPROVEMENT TO WAVE MAKING APPARATUS  
 (51) Int. Cl.  
**A63B 69/08** ( 2006.01 )  
**A47K 3/10** ( 2006.01 )  
 (43) 29.10.2020  
 (44) 19.08.2021  
 (62) 2018388807  
 (72) MCFARLAND, Bruce  
 (74) Halfords IP

(71) AMO Groningen B.V.  
 (11) AU-B-2017218679  
 (21) 2017218679 (22) 09.02.2017  
 (54) Progressive power intraocular lens, and methods of use and manufacture  
 (51) Int. Cl.  
**A61F 2/16** ( 2006.01 )  
 (87) WO2017/137839  
 (31) 62/293,258 (32) 09.02.16 (33) US  
 (43) 17.08.2017  
 (44) 19.08.2021  
 (72) Canovas, Vidal Carmen; Alarcon Heredia, Aixa; Piers, Patricia Ann; Weeber, Hendrik A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2019267352  
 (21) 2019267352 (22) 30.04.2019  
 (54) Devices and methods for measuring using augmented reality  
 (51) Int. Cl.  
**G06F 3/01** ( 2006.01 )  
 (87) WO2019/217148  
 (31) 201910261469.3 (32) 14.03.19 (33) CN  
 19159743.4 27.02.19 EP  
 PA 201870350 11.06.18 DK  
 PA 201870351 11.06.18 DK  
 16/145,025 27.09.18 US  
 PA 201870352 11.06.18 DK  
 201910194257.8 14.03.19 CN  
 62/668,249 07.05.18 US  
 16/145,015 27.09.18 US  
 16/138,779 21.09.18 US  
 62/679,952 03.06.18 US  
 (43) 14.11.2019  
 (44) 19.08.2021  
 (72) DRYER, Allison, W.; PAUL, Grant, R.; DASCOLA, Jonathan, R.; FAULKNER, Jeffrey, M.; FORSELL, Lisa, K.; GOULDING, Andrew, H.; LEMAY, Stephen, O.; LYONS, Richard, D.; YERKES, Giancarlo; NORRIS, Jeffrey, S.; DA VEIGA, Alexandre  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2020201849  
 (21) 2020201849 (22) 13.03.2020  
 (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application  
 (51) Int. Cl.  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**G06Q 10/10** ( 2012.01 )  
**H04L 12/58** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
 (43) 02.04.2020  
 (44) 19.08.2021  
 (62) 2018271287  
 (72) YANG, Lawrence Y.; LEMAY, Stephen O.; JON, Tiffany S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Arbutus Biopharma Corporation  
 (11) AU-B-2017353986  
 (21) 2017353986 (22) 03.11.2017



Applications Accepted - Name Index cont'd

(54) Substituted pyridinone-containing tri-cyclic compounds, and methods using same  
 (51) Int. Cl.  
*C07D 213/06* ( 2006.01 )  
*A61K 31/495* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (87) WO2018/085619  
 (31) 62/506,325 (32) 15.05.17 (33) US  
 62/418,478 07.11.16 US  
 62/512,990 31.05.17 US  
 (43) 11.05.2018  
 (44) 19.08.2021  
 (72) Gotchev, Dimitar B.; Dorsey, Bruce D.; Kakarla, Ramesh; Bi, Yingzhi; Nguyen, Duyan; Chen, Shuai; Wood, Mark Christopher; Holland, Richard James; Bailey, Laurèn Danielle  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Arcelormittal  
 (11) AU-B-2018389685  
 (21) 2018389685 (22) 11.12.2018  
 (54) A coated steel substrate  
 (51) Int. Cl.  
*C22C 38/00* ( 2006.01 )  
*C08K 3/04* ( 2006.01 )  
*C09D 1/00* ( 2006.01 )  
*C09D 5/00* ( 2006.01 )  
*C09D 7/40* ( 2018.01 )  
*C21D 1/70* ( 2006.01 )  
*C22C 38/02* ( 2006.01 )  
*C22C 38/04* ( 2006.01 )  
*C22C 38/40* ( 2006.01 )  
*C22C 38/42* ( 2006.01 )  
*C22C 38/44* ( 2006.01 )  
*C22C 38/46* ( 2006.01 )  
*C22C 38/48* ( 2006.01 )  
*C22C 38/50* ( 2006.01 )  
 (87) WO2019/123103  
 (31) PCT/ IB2017/058103 (32) 19.12.17 (33) IB  
 (43) 27.06.2019  
 (44) 19.08.2021  
 (72) VU, Thi Tan; LALIENA IRANZO, Carlos; PÉREZ RODRÍGUEZ, Marcos; NORIEGA PEREZ, David  
 (74) Phillips Ormonde Fitzpatrick

(71) Arcturus Therapeutics, Inc.  
 (11) AU-B-2016296592  
 (21) 2016296592 (22) 17.07.2016  
 (54) Compositions and agents against Hepatitis B virus and uses thereof  
 (51) Int. Cl.  
*A61P 1/16* ( 2006.01 )  
*C07H 21/00* ( 2006.01 )  
 (87) WO2017/015175  
 (31) 62/193,997 (32) 17.07.15 (33) US  
 (43) 26.01.2017  
 (44) 19.08.2021  
 (72) Limphong, Patraranee; Tachikawa, Kiyoshi; Esau, Christine; Chivukula, Padmanabh  
 (74) FB Rice Pty Ltd

(71) Arrowhead Pharmaceuticals, Inc.  
 (11) AU-B-2017279512  
 (21) 2017279512 (22) 06.06.2017  
 (54) 5'-cyclo-phosphonate modified nucleotides  
 (51) Int. Cl.  
*C07H 21/02* ( 2006.01 )  
*C07H 19/20* ( 2006.01 )  
 (87) WO2017/214112  
 (31) 62/346,304 (32) 06.06.16 (33) US  
 (43) 14.12.2017  
 (44) 19.08.2021  
 (72) Li, Zhen; Pei, Tao; Lawler, Michael  
 (74) Davies Collison Cave Pty Ltd

(71) ASSA ABLOY Australia Pty Limited  
 (11) AU-B-2016301111  
 (21) 2016301111 (22) 28.07.2016  
 (54) Electric strike system with keeper monitoring  
 (51) Int. Cl.  
*E05B 47/00* ( 2006.01 )  
*E05B 15/02* ( 2006.01 )  
 (87) WO2017/015718  
 (31) 2015903027 (32) 30.07.15 (33) AU  
 (43) 02.02.2017  
 (44) 19.08.2021  
 (72) Botha, Stefan  
 (74) Phillips Ormonde Fitzpatrick

Assistance Publique Hopitaux de Paris  
 see Commissariat A L'Energie Atomique et aux Energies Alternatives  
 (21) 2015332668

(71) Atamaniuk, V.; Novyk, A.  
 (11) AU-B-2015391981  
 (21) 2015391981 (22) 28.10.2015  
 (54) Plant-based biologically active substance having a polypharmacological effect  
 (51) Int. Cl.  
*A61K 31/352* ( 2006.01 )  
*A61K 36/899* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*A61P 39/06* ( 2006.01 )  
 (87) WO2016/171640  
 (31) a 2015 03915 (32) 24.04.15 (33) UA  
 (43) 27.10.2016  
 (44) 19.08.2021  
 (72) Atamaniuk, Victor; Novyk, Anatolii  
 (74) Griffith Hack

(71) Athira Pharma, Inc.  
 (11) AU-B-2017273857  
 (21) 2017273857 (22) 01.06.2017  
 (54) Compounds  
 (51) Int. Cl.  
*C07K 14/475* ( 2006.01 )  
*A61K 38/22* ( 2006.01 )  
 (87) WO2017/210489  
 (31) 62/344,305 (32) 01.06.16 (33) US  
 (43) 07.12.2017

(44) 19.08.2021  
 (72) Kawas, Leen H.; Singh, Jasbir; Stewart, Lansing Joseph; Baker, William R.  
 (74) Davies Collison Cave Pty Ltd

(71) Auris Health, Inc.  
 (11) AU-B-2016343849  
 (21) 2016343849 (22) 31.10.2016  
 (54) Process for percutaneous operations  
 (51) Int. Cl.  
*A61B 10/04* ( 2006.01 )  
*A61B 17/221* ( 2006.01 )  
*A61B 17/29* ( 2006.01 )  
 (87) WO2017/075574  
 (31) 62/248,851 (32) 30.10.15 (33) US  
 62/248,737 30.10.15 US  
 62/249,050 30.10.15 US  
 (43) 04.05.2017  
 (44) 19.08.2021  
 (72) Shah, Paren; Noonan, David P.; Agrawal, Varun; Mintz, David S.; Romo, Enrique; Urban Jr., Joseph A.; Schummers, David M.  
 (74) Spruson & Ferguson

(71) AvaSure, LLC  
 (11) AU-B-2017312441  
 (21) 2017312441 (22) 21.06.2017  
 (54) Video load balancing system for a peer-to-peer server network  
 (51) Int. Cl.  
*H04N 21/24* ( 2011.01 )  
*H04N 21/63* ( 2011.01 )  
 (87) WO2018/034732  
 (31) 15/241,355 (32) 19.08.16 (33) US  
 (43) 22.02.2018  
 (44) 19.08.2021  
 (72) Kyser, Ryan; Meinke, Brian; Ensink, Brian John  
 (74) WRAYS PTY LTD

(71) AxoGen Corporation  
 (11) AU-B-2016343893  
 (21) 2016343893 (22) 31.08.2016  
 (54) Implant devices with a pre-set pulley system  
 (51) Int. Cl.  
*A61B 17/11* ( 2006.01 )  
*A61B 17/06* ( 2006.01 )  
 (87) WO2017/074554  
 (31) 62/247,938 (32) 29.10.15 (33) US  
 (43) 04.05.2017  
 (44) 19.08.2021  
 (72) Deister, Curt  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) Baker Hughes Holdings, LLC  
 (11) AU-B-2018261359  
 (21) 2018261359 (22) 02.05.2018  
 (54) Thermoelectric materials and related compositions and methods  
 (51) Int. Cl.  
*H01L 35/24* ( 2006.01 )  
*H01L 35/22* ( 2006.01 )  
*H01L 35/34* ( 2006.01 )  
 (87) WO2018/204453

Applications Accepted - Name Index cont'd

(31) 15/586,945 (32) 04.05.17 (33) US  
 (43) 08.11.2018  
 (44) 19.08.2021  
 (72) Suresh, Radhika; Kuznetsov, Oleksandr  
 V.; Khabashesku, Valery N.  
 (74) Phillips Ormonde Fitzpatrick

(71) Baker Hughes Holdings LLC  
 (11) AU-B-2019262739  
 (21) 2019262739 (22) 04.04.2019  
 (54) Slip arrangement  
 (51) Int. Cl.  
*E21B 23/06* ( 2006.01 )  
 (87) WO2019/212686  
 (31) 15/971,472 (32) 04.05.18 (33) US  
 (43) 07.11.2019  
 (44) 19.08.2021  
 (72) ANDERSON, Gary; DOANE, James  
 (74) FPA Patent Attorneys Pty Ltd

(71) Baraja Pty Ltd  
 (11) AU-B-2020203638  
 (21) 2020203638 (22) 02.06.2020  
 (54) Spatial profiling system and method  
 (51) Int. Cl.  
*G01S 17/89* ( 2006.01 )  
*G01S 3/08* ( 2006.01 )  
*G01S 7/483* ( 2006.01 )  
*G01S 17/02* ( 2006.01 )  
 (43) 25.06.2020  
 (44) 19.08.2021  
 (62) 2016333145  
 (72) Collarte Bondy, Federico; Pulikkaseril,  
 Cibby  
 (74) FPA Patent Attorneys Pty Ltd

(71) BASF Plant Science Company GmbH  
 (11) AU-B-2019240730  
 (21) 2019240730 (22) 07.10.2019  
 (54) Regulatory nucleic acid molecules for  
 enhancing constitutive gene expression  
 in plants  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*A01H 5/00* ( 2006.01 )  
 (43) 14.11.2019  
 (44) 19.08.2021  
 (62) 2017248552  
 (72) KUHN, Josef Martin; LOYALL, Linda  
 Patricia; SIEBERT, Malte; DUWENIG,  
 Elke  
 (74) Griffith Hack

(71) Bayer Animal Health GmbH  
 (11) AU-B-2015222102  
 (21) 2015222102 (22) 27.02.2015  
 (54) Immunostimulatory plasmids  
 (51) Int. Cl.  
*C12N 1/00* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
 (87) WO2015/128461  
 (31) 61/946,372 (32) 28.02.14 (33) US  
 (43) 03.09.2015  
 (44) 19.08.2021  
 (72) Eicker, Andrea; Wehlmann, Hermann;  
 Munnes, Marc; Schauer, Romina;

Abraham, Albert; Weiss, Christian;  
 Feldhues, Elisabeth  
 (74) Davies Collison Cave Pty Ltd

(71) Bayer CropScience NV  
 (11) AU-B-2016256239  
 (21) 2016256239 (22) 28.04.2016  
 (54) Brassica plants with modified seed oil  
 composition  
 (51) Int. Cl.  
*A01H 5/10* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2016/174119  
 (31) 15165478.7 (32) 28.04.15 (33) EP  
 (43) 03.11.2016  
 (44) 19.08.2021  
 (72) Denolf, Peter; Laga, Benjamin  
 (74) Davies Collison Cave Pty Ltd

(71) Bayer HealthCare LLC  
 (11) AU-B-2016344178  
 (21) 2016344178 (22) 28.10.2016  
 (54) System and method for fluid injector en-  
 gagement with a pressure jacket and  
 syringe cap  
 (51) Int. Cl.  
*A61M 5/145* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
 (87) WO2017/075302  
 (31) 62/247,534 (32) 28.10.15 (33) US  
 (43) 04.05.2017  
 (44) 19.08.2021  
 (72) Swantner, Michael J.; Seman, Richard  
 A.; Tucker, Barry L.; Uber III, Arthur E.;  
 Cowan, Kevin P.; Dedig, James A.; Ca-  
 pone, Christopher D.  
 (74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-B-2017240482  
 (21) 2017240482 (22) 17.03.2017  
 (54) Ergonomic IV systems and methods  
 (51) Int. Cl.  
*A61M 5/158* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )  
*A61M 25/06* ( 2006.01 )  
 (87) WO2017/172383  
 (31) 62/314,260 (32) 28.03.16 (33) US  
 15/461,358 16.03.17 US  
 (43) 05.10.2017  
 (44) 19.08.2021  
 (72) O'Bryan, Jeffrey C.; Shearer, Gary;  
 Harding, Weston F.  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-B-2020203539  
 (21) 2020203539 (22) 29.05.2020  
 (54) Antimicrobial caps for medical connect-  
 ors  
 (51) Int. Cl.  
*A61M 39/16* ( 2006.01 )  
*A61M 39/20* ( 2006.01 )  
 (43) 18.06.2020

(44) 19.08.2021  
 (62) 2019206055  
 (72) Burkholz, Jonathan Karl; Liu, Huibin;  
 Isaacson, S. Ray; Harding, Weston F.;  
 Trainer, Lawrence J.  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-B-2021201126  
 (21) 2021201126 (22) 20.02.2021  
 (54) Safety device with collapsible housing  
 and trigger activation  
 (51) Int. Cl.  
*A61M 5/32* ( 2006.01 )  
 (43) 11.03.2021  
 (44) 19.08.2021  
 (62) 2019283894  
 (72) Browka, Edward P.; Sanders, Laurie;  
 Nichols, Eli B.; McNeill, Phil C.; Hen-  
 son, Robert  
 (74) Dark IP

(71) Becton Dickinson Rowa Germany  
 GmbH  
 (11) AU-B-2016339738  
 (21) 2016339738 (22) 05.09.2016  
 (54) Reservoir container for a supply and  
 dispensing station for medication  
 (51) Int. Cl.  
*B65B 5/10* ( 2006.01 )  
 (87) WO2017/063788  
 (31) 15189306.2 (32) 12.10.15 (33) EP  
 (43) 20.04.2017  
 (44) 19.08.2021  
 (72) Schmidt-Ellinger, Hardy  
 (74) FB Rice Pty Ltd

(71) Becton Dickinson Rowa Germany  
 GmbH  
 (11) AU-B-2016339741  
 (21) 2016339741 (22) 07.09.2016  
 (54) Method for operating a packaging ap-  
 paratus, and packaging apparatus  
 (51) Int. Cl.  
*B65B 5/10* ( 2006.01 )  
*B65G 43/06* ( 2006.01 )  
 (87) WO2017/063791  
 (31) 15189304.7 (32) 12.10.15 (33) EP  
 (43) 20.04.2017  
 (44) 19.08.2021  
 (72) Hellenbrand, Christoph  
 (74) FB Rice Pty Ltd

Beijing Hili Technology Co. Ltd see Insti-  
 tute of Acoustics, Chinese Academy of  
 Sciences  
 (21) 2017437650

Beijing Protgen Ltd. see Tsinghua Uni-  
 versity  
 (21) 2015342324

(71) Berkeley Lights, Inc.  
 (11) AU-B-2019240586  
 (21) 2019240586 (22) 01.10.2019

Applications Accepted - Name Index cont'd

- (54) Pens for biological micro-objects  
(51) Int. Cl.  
*G01N 35/08* ( 2006.01 )  
*C12Q 1/00* ( 2006.01 )  
*G01N 27/26* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )  
(43) 24.10.2019  
(44) 19.08.2021  
(62) 2017221826  
(72) Chapman, Kevin T.; Khandros, Igor Y.; Mathieu, Gaetan L.; Nevill, J. Tanner; Wu, Ming C.  
(74) FB Rice Pty Ltd
- 
- (71) Bianchi, Z.  
(11) AU-B-2016306708  
(21) 2016306708 (22) 10.08.2016  
(54) A retractable staircase  
(51) Int. Cl.  
*E04F 11/06* ( 2006.01 )  
*B60R 3/02* ( 2006.01 )  
*E04F 11/035* ( 2006.01 )  
(87) WO2017/024349  
(31) 2015903242 (32) 11.08.15 (33) AU  
(43) 16.02.2017  
(44) 19.08.2021  
(72) Bianchi, Zev  
(74) Valia IP Patent Attorneys
- 
- (71) Biofidelity Ltd  
(11) AU-B-2019307835  
(21) 2019307835 (22) 19.07.2019  
(54) Improved polynucleotide sequence detection method  
(51) Int. Cl.  
*C12Q 1/6858* ( 2018.01 )  
(87) WO2020/016590  
(31) 18184575.1 (32) 19.07.18 (33) EP  
PCT/ 30.11.18 EP  
EP2018/083227  
(43) 23.01.2020  
(44) 19.08.2021  
(72) BALMFORTH, Barnaby; FRAYLING, Cameron; SILVA-WEATHERLEY, Ana; STOLAREK-JANUSZKIEWICZ, Magdalena  
(74) Spruson & Ferguson
- 
- (71) Biomérieux; Hospices Civils de Lyon; Centre Hospitalier Universitaire de Nantes  
(11) AU-B-2016259815  
(21) 2016259815 (22) 11.05.2016  
(54) Prediction of the risk of developing a disseminated infection for patients admitted to an intensive care unit  
(51) Int. Cl.  
*G01N 33/68* ( 2006.01 )  
(87) WO2016/181066  
(31) 1554227 (32) 12.05.15 (33) FR  
(43) 17.11.2016  
(44) 19.08.2021  
(72) Allaouchiche, Bernard; Asehnoune, Karim; Dupin, Marilyne; Fortin, Tanguy; Gouel-Cheron, Aurélie; Larue-Triolet, Audrey; Monneret, Guillaume; Pachot, Alexandre; Pons, Sylvie; Roquilly, Antoine; Venet, Fabienne  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Biomet 3i, LLC  
(11) AU-B-2020281113  
(21) 2020281113 (22) 03.12.2020  
(54) ROBOTIC DEVICE FOR DENTAL SURGERY  
(51) Int. Cl.  
*A61C 1/08* ( 2006.01 )  
*A61B 34/00* ( 2016.01 )  
*A61B 34/20* ( 2016.01 )  
*A61B 34/30* ( 2016.01 )  
(43) 07.01.2021  
(44) 19.08.2021  
(62) 2015361139  
(72) Suttin, Zachary B.; Porter, Stephan S.  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) BioNTech US Inc.  
(11) AU-B-2017240745  
(21) 2017240745 (22) 31.03.2017  
(54) Neoantigens and methods of their use  
(51) Int. Cl.  
*C07K 4/12* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
(87) WO2017/173321  
(31) 62/316,552 (32) 31.03.16 (33) US  
62/316,547 31.03.16 US  
62/316,533 31.03.16 US  
62/316,530 31.03.16 US  
62/316,571 01.04.16 US  
62/316,567 01.04.16 US  
(43) 05.10.2017  
(44) 19.08.2021  
(72) Rooney, Michael Steven  
(74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
(11) AU-B-2020203069  
(21) 2020203069 (22) 08.05.2020  
(54) Irrigated catheter tip with temperature sensor array  
(51) Int. Cl.  
*A61B 18/14* ( 2006.01 )  
(43) 28.05.2020  
(44) 19.08.2021  
(62) 2018206814  
(72) GOVARI, Assaf; BEECKLER, Christopher Thomas; PAPAIOANNOU, Athanasios; HETTEL, Rowan Olund  
(74) Spruson & Ferguson
- 
- (71) Blade Therapeutics Pty Ltd  
(11) AU-B-2017229591  
(21) 2017229591 (22) 08.03.2017  
(54) Calpain modulators and methods of production and use thereof  
(51) Int. Cl.  
*C07D 245/02* ( 2006.01 )  
*A61K 38/12* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C07D 273/08* ( 2006.01 )  
(87) WO2017/156074
- 
- (31) 62/306,040 (32) 09.03.16 (33) US  
(43) 14.09.2017  
(44) 19.08.2021  
(72) Buckman, Brad Owen; Yuan, Shendong  
(74) Griffith Hack
- 
- (71) Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California  
(11) AU-B-2018239239  
(21) 2018239239 (22) 19.03.2018  
(54) Very-long-chain polyunsaturated fatty acids, elovanoid hydroxylated derivatives, and methods of use  
(51) Int. Cl.  
*C07C 57/03* ( 2006.01 )  
*C07C 9/10* ( 2006.01 )  
*C07C 59/42* ( 2006.01 )  
(87) WO2018/175288  
(31) 62/609,531 (32) 22.12.17 (33) US  
62/473,697 20.03.17 US  
(43) 27.09.2018  
(44) 19.08.2021  
(72) Bazan, Nicolas G.; Petasis, Nicos A.  
(74) Spruson & Ferguson
- 
- (71) Bodor Laboratories, Inc.  
(11) AU-B-2016297601  
(21) 2016297601 (22) 21.07.2016  
(54) Formulation for soft anticholinergic analogs  
(51) Int. Cl.  
*A61K 31/40* ( 2006.01 )  
*A01N 43/42* ( 2006.01 )  
*C07D 491/08* ( 2006.01 )  
(87) WO2017/015485  
(31) 14/805,114 (32) 21.07.15 (33) US  
(43) 26.01.2017  
(44) 19.08.2021  
(72) Bodor, Nicholas S.; Koleng, John J.; Angulo, David  
(74) Griffith Hack
- 
- (71) Boehringer Ingelheim Vetmedica GmbH  
(11) AU-B-2016310535  
(21) 2016310535 (22) 24.08.2016  
(54) Liquid pharmaceutical compositions comprising SGLT-2 inhibitors  
(51) Int. Cl.  
*A61K 47/10* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/7034* ( 2006.01 )  
(87) WO2017/032799  
(31) 15182715.1 (32) 27.08.15 (33) EP  
(43) 02.03.2017  
(44) 19.08.2021  
(72) Weiler, Claudius; Duch, Thomas Adam; Haase, Marbod; Priddy, Timothy Shane; Stettler, Heike  
(74) FB Rice Pty Ltd
- 
- (71) Borealis AG  
(11) AU-B-2020201399  
(21) 2020201399 (22) 26.02.2020

Applications Accepted - Name Index cont'd

- (54) POLYMER COMPOSITION FOR ADHESIVE APPLICATIONS  
 (51) Int. Cl.  
**C09J 123/08** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
 (43) 12.03.2020  
 (44) 19.08.2021  
 (62) 2017273755  
 (72) FAGRELL, Ola; YALALOV, Denis; EK, Carl-Gustaf; SÖNMEZ, Anil  
 (74) Golja Haines & Friend
- 
- (71) Bosal ACPS Holding 2 B.V.  
 (11) AU-B-2019268120  
 (21) 2019268120 (22) 20.11.2019  
 (54) Trailer coupling device for motor vehicles  
 (51) Int. Cl.  
**B60D 1/06** ( 2006.01 )  
**B60D 1/01** ( 2006.01 )  
 (43) 12.12.2019  
 (44) 19.08.2021  
 (62) 2015249123  
 (72) RIMMELSPACHER, Bernhard; KADNIKOV, Aleksej; GENTNER, Wolfgang  
 (74) Griffith Hack
- 
- (71) British American Tobacco (Investments) Limited  
 (11) AU-B-2019219729  
 (21) 2019219729 (22) 20.08.2019  
 (54) Device for apparatus for heating smokable material  
 (51) Int. Cl.  
**A24F 47/00** ( 2006.01 )  
 (43) 05.09.2019  
 (44) 19.08.2021  
 (62) 2015373527  
 (72) Litten, Neil  
 (74) Shelston IP Pty Ltd.
- 
- (71) Buffalo Filter LLC  
 (11) AU-B-2018355267  
 (21) 2018355267 (22) 24.10.2018  
 (54) Method and apparatus for filtering  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
 (87) WO2019/084108  
 (31) 62/576,301 (32) 24.10.17 (33) US  
 (43) 02.05.2019  
 (44) 19.08.2021  
 (72) WIERZBA, Michael Paul; SHVESOV, Kyrlyo; BONANO, Samantha; PEPE, Gregory  
 (74) Griffith Hack
- 
- (71) Butterfly Network, Inc.  
 (11) AU-B-2016365309  
 (21) 2016365309 (22) 01.12.2016  
 (54) Biasing of capacitive micromachined ultrasonic transducers (CMUTs) and related apparatus and methods  
 (51) Int. Cl.  
**A61B 8/00** ( 2006.01 )  
 (87) WO2017/095988  
 (31) 14/957,098 (32) 02.12.15 (33) US

- (43) 08.06.2017  
 (44) 19.08.2021  
 (72) Alie, Susan A.; Zahorian, Jaime Scott; Chen, Kailiang  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) BXB Digital Pty Limited  
 (11) AU-B-2020228607  
 (21) 2020228607 (22) 25.02.2020  
 (54) Smart physical closure in supply chain  
 (51) Int. Cl.  
**G08B 13/24** ( 2006.01 )  
**G09F 3/03** ( 2006.01 )  
 (87) WO2020/176504  
 (31) 62/810,047 (32) 25.02.19 (33) US  
 (43) 03.09.2020  
 (44) 19.08.2021  
 (72) BANDIL, Sandeep K.; DAIGLE, Ryan; SOUDER, Michael D.; VIPUL, Vikram  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Byondis B.V.  
 (11) AU-B-2020200175  
 (21) 2020200175 (22) 09.01.2020  
 (54) Site-specific conjugation of linker drugs to antibodies and resulting ADCS  
 (51) Int. Cl.  
**A61K 47/50** ( 2017.01 )  
 (43) 30.01.2020  
 (44) 19.08.2021  
 (62) 2015261768  
 (72) Ariaans, Gerardus Joseph Andreas; Coumans, Rudy Gerardus Elisabeth  
 (74) Shelston IP Pty Ltd.
- 
- (71) Cadent Therapeutics, Inc.  
 (11) AU-B-2017275657  
 (21) 2017275657 (22) 02.06.2017  
 (54) Potassium channel modulators  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 487/08** ( 2006.01 )  
**C07D 491/10** ( 2006.01 )  
**C07D 498/08** ( 2006.01 )  
 (87) WO2017/210545  
 (31) 62/449,309 (32) 23.01.17 (33) US  
 62/344,513 02.06.16 US  
 (43) 07.12.2017  
 (44) 19.08.2021  
 (72) Eriksen, Birgitte Langer; Gustafsson, Magnus; Hougaard, Charlotte; Jacobsen, Thomas Amos; Jefson, Martin R.; Keaney, Gregg F.; Klein, Jessica; Larsen, Janus Schreiber; Lowe III, John A.; McCall, John M.; Strøbæk, Dorte; Von Schoubye, Nadia Lybøl  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

- 
- (71) Cafetto Pty Ltd  
 (11) AU-B-2017216249  
 (21) 2017216249 (22) 02.02.2017  
 (54) Grinder cleaner  
 (51) Int. Cl.  
**A47J 31/60** ( 2006.01 )  
**A23F 5/02** ( 2006.01 )  
**A47J 42/00** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
 (87) WO2017/132720  
 (31) 2016900331 (32) 02.02.16 (33) AU  
 (43) 10.08.2017  
 (44) 19.08.2021  
 (72) Short, Christopher; Rankine, Damien  
 (74) Madderns Pty Ltd
- 
- Cambridge Mobile Telematics see Discovery Limited**  
 (21) 2016357641

- 
- (71) Case Western Reserve University  
 (11) AU-B-2019240656  
 (21) 2019240656 (22) 03.10.2019  
 (54) Systems and methods for transcutaneous direct current block to alter nerve conduction  
 (51) Int. Cl.  
**A61N 1/20** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**A61N 1/32** ( 2006.01 )  
 (43) 31.10.2019  
 (44) 19.08.2021  
 (62) 2016320803  
 (72) Kilgore, Kevin L.; Bhadra, Narendra; Vrabec, Tina; Bhadra, Niloy; Van Acker, Gustaf  
 (74) James & Wells Intellectual Property
- 
- (71) Caterpillar Inc.  
 (11) AU-B-2016306176  
 (21) 2016306176 (22) 27.07.2016  
 (54) Retention lobe for ground engaging tip  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
 (87) WO2017/027220  
 (31) 14/824,749 (32) 12.08.15 (33) US  
 (43) 16.02.2017  
 (44) 19.08.2021  
 (72) Balan, Mihai M.; Serrurier, Douglas C.  
 (74) FPA Patent Attorneys Pty Ltd

---

**Centre Hospitalier Universitaire de Nantes see Biomérieux**  
 (21) 2016259815

---

**Centre National de la Recherche Scientifique (CNRS) see Sweetech Energy**  
 (21) 2016313787

---

**Centro de Investigación y Desarrollo de Medicamentos Cidem see Universidad de la Habana**

Applications Accepted - Name Index cont'd

(21) 2017259749

---

(71) Cepheid  
 (11) AU-B-2016244038  
 (21) 2016244038 (22) 01.04.2016  
 (54) Fluidic bridge device and sample processing methods  
 (51) Int. Cl.  
     G01N 35/10 ( 2006.01 )  
     B01L 3/00 ( 2006.01 )  
     G01N 35/00 ( 2006.01 )  
 (87) WO2016/161385  
 (31) 62/142,063 (32) 02.04.15 (33) US  
 (43) 06.10.2016  
 (44) 19.08.2021  
 (72) Dority, Douglas B.  
 (74) Spruson & Ferguson

---

(71) Certis Cisco Security Pte Ltd  
 (11) AU-B-2015403433  
 (21) 2015403433 (22) 24.07.2015  
 (54) System and method for high speed threat intelligence management using unsupervised machine learning and prioritization algorithms  
 (51) Int. Cl.  
     G06F 21/56 ( 2013.01 )  
 (87) WO2017/018926  
 (43) 02.02.2017  
 (44) 19.08.2021  
 (72) Lim, Keng Leng Albert  
 (74) MINTER ELLISON

---

(71) Changchun Meihe Science And Technology Development Co., Ltd; The Coca-Cola Company  
 (11) AU-B-2020204171  
 (21) 2020204171 (22) 23.06.2020  
 (54) METHOD FOR PREPARING DIOL  
 (51) Int. Cl.  
     C07C 31/20 ( 2006.01 )  
     B01J 25/02 ( 2006.01 )  
     C07C 29/00 ( 2006.01 )  
 (43) 09.07.2020  
 (44) 19.08.2021  
 (62) 2015320134  
 (72) Liu, Jing; Qi, Hongbin; Ren, Haiyu; Prakash, Indra; Shi, Yu  
 (74) Phillips Ormonde Fitzpatrick

---

(71) ChemoCentryx, Inc.  
 (11) AU-B-2017274521  
 (21) 2017274521 (22) 02.06.2017  
 (54) Method of treating liver fibrosis  
 (51) Int. Cl.  
     A61K 31/4375 ( 2006.01 )  
     A61K 31/18 ( 2006.01 )  
 (87) WO2017/210526  
 (31) 62/345,086 (32) 03.06.16 (33) US  
 (43) 07.12.2017  
 (44) 19.08.2021  
 (72) Miao, Zhenhua; Charo, Israel  
 (74) Spruson & Ferguson

(71) Children's Medical Center Corporation; The General Hospital Corporation  
 (11) AU-B-2019201235  
 (21) 2019201235 (22) 22.02.2019  
 (54) METHOD TO MODULATE HEMA-TOPOIETIC STEM CELL GROWTH  
 (51) Int. Cl.  
     A61K 35/14 ( 2006.01 )  
     C12N 5/0789 ( 2010.01 )  
     C12N 5/22 ( 2006.01 )  
 (43) 14.03.2019  
 (44) 19.08.2021  
 (62) 2017202149  
 (72) Zon, Leonard I.; North, Trista E.; Goessling, Wolfram  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) China University of Mining and Technology, Beijing  
 (11) AU-B-2020202743  
 (21) 2020202743 (22) 24.04.2020  
 (54) STRIP SUPPORT METHOD BY USING FILLER AND RESIDUAL COAL PILLAR IN IRREGULAR GOAF  
 (51) Int. Cl.  
     E21F 15/00 ( 2006.01 )  
     E21C 41/18 ( 2006.01 )  
 (31) 201910726866.3 (32) 07.08.19 (33) CN  
 (43) 25.02.2021  
 (44) 19.08.2021  
 (72) Yan, Yueguan; Dai, Huayang; He, Manchao; Li, Xiaodan; Zhang, Wang; Duan, Longfei  
 (74) Madderns Pty Ltd

---

(71) Chongqing Lingshi Agricultural Technology Co., Ltd.; Wang, S.  
 (11) AU-B-2018403388  
 (21) 2018403388 (22) 09.11.2018  
 (54) Miticide and application thereof  
 (51) Int. Cl.  
     A01N 25/30 ( 2006.01 )  
     A01N 37/52 ( 2006.01 )  
     A01N 43/76 ( 2006.01 )  
     A01N 43/90 ( 2006.01 )  
     A01N 47/06 ( 2006.01 )  
     A01P 7/02 ( 2006.01 )  
 (87) WO2019/140990  
 (31) 201810043269.6 (32) 17.01.18 (33) CN  
 (43) 25.07.2019  
 (44) 19.08.2021  
 (72) WANG, Shuliang; LI, Zhenlun  
 (74) Madderns Pty Ltd

---

(71) Clinical Genomics Pty Ltd; Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2019201294  
 (21) 2019201294 (22) 25.02.2019  
 (54) Diagnostic gene marker panel for colorectal cancer  
 (51) Int. Cl.  
     C12Q 1/68 ( 2006.01 )  
     C12N 15/11 ( 2006.01 )  
 (43) 14.03.2019

(44) 19.08.2021  
 (62) 2013258880  
 (72) MOLLOY, Peter; LAPOINTE, Lawrence; PEDERSEN, Susanne  
 (74) FB Rice Pty Ltd

---

(71) Colgate-Palmolive Company  
 (11) AU-B-2017442632  
 (21) 2017442632 (22) 13.12.2017  
 (54) Oral care compositions and methods for increasing stability of the same  
 (51) Int. Cl.  
     A61K 8/34 ( 2006.01 )  
     A61K 8/81 ( 2006.01 )  
     A61Q 11/02 ( 2006.01 )  
 (87) WO2019/117885  
 (43) 20.06.2019  
 (44) 19.08.2021  
 (72) FEI, Lin; MANDADI, Prakasara; CHOPRA, Suman  
 (74) Shelston IP Pty Ltd.

---

(71) Commissariat A L'Energie Atomique et aux Energies Alternatives; Universite Paris Diderot - Paris 7; Assistance Publique Hopitaux de Paris  
 (11) AU-B-2015332668  
 (21) 2015332668 (22) 16.10.2015  
 (54) Methods for the monitoring and prognosis of a cancer  
 (51) Int. Cl.  
     G01N 33/50 ( 2006.01 )  
     C07K 14/705 ( 2006.01 )  
     C07K 14/74 ( 2006.01 )  
     G01N 33/53 ( 2006.01 )  
     G01N 33/574 ( 2006.01 )  
 (87) WO2016/059195  
 (31) 14306665.2 (32) 17.10.14 (33) EP  
 (43) 21.04.2016  
 (44) 19.08.2021  
 (72) Desgrandchamps, Francois; Carosella, Edgardo Delfino; Lemaout, Joel  
 (74) Spruson & Ferguson

---

(71) Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation  
 (11) AU-B-2018247287  
 (21) 2018247287 (22) 11.10.2018  
 (54) Production of long chain polyunsaturated fatty acids in plant cells  
 (51) Int. Cl.  
     A01H 5/00 ( 2006.01 )  
     C07H 21/04 ( 2006.01 )  
     C11B 1/10 ( 2006.01 )  
     C12N 15/52 ( 2006.01 )  
     C12N 15/79 ( 2006.01 )  
     C12N 15/82 ( 2006.01 )  
 (43) 01.11.2018  
 (44) 19.08.2021  
 (62) 2017201411  
 (72) Petrie, James Robertson; Singh, Surinder Pal; de Feyter, Robert Charles  
 (74) FB Rice Pty Ltd

## Applications Accepted - Name Index cont'd

## Commonwealth Scientific and Industrial Research Organisation see Clinal Genomics Pty Ltd

(21) 2019201294

(71) CommScope Technologies LLC

(11) AU-B-2017280028

(21) 2017280028 (22) 20.06.2017

(54) Ferrule-less fiber optic connector

(51) Int. Cl.

**G02B 6/38** ( 2006.01 )

(87) WO2017/223072

(31) 62/352,281 (32) 20.06.16 (33) US

(43) 28.12.2017

(44) 19.08.2021

(72) Gurreri, Michael Lawrence

(74) Davies Collison Cave Pty Ltd

(71) Commvault Systems, Inc.

(11) AU-B-2015347177

(21) 2015347177 (22) 14.10.2015

(54) Archiving applications in information management systems

(51) Int. Cl.

**G06F 9/06** ( 2006.01 )

(87) WO2016/077021

(31) 14/540,988 (32) 13.11.14 (33) US

(43) 19.05.2016

(44) 19.08.2021

(72) Mehta, Bhavyan Bharatkumar; Kot-tomtharayil, Rajiv; Chatterjee, Tirthankar; Ahn, Jun H.

(74) Davies Collison Cave Pty Ltd

(71) Cosmed Pharmaceutical Co., Ltd.

(11) AU-B-2017257932

(21) 2017257932 (22) 28.04.2017

(54) Algogel sheet for cosmetic use, and method for producing same

(51) Int. Cl.

**A61K 8/73** ( 2006.01 )**A61K 8/20** ( 2006.01 )**A61K 8/34** ( 2006.01 )**A61K 8/365** ( 2006.01 )**A61Q 19/00** ( 2006.01 )

(87) WO2017/188424

(31) 2016-091940 (32) 28.04.16 (33) JP  
2016-112303 04.06.16 JP

(43) 02.11.2017

(44) 19.08.2021

(72) Quan, Ying-Shu; Kondou, Naoko; Kamiyama, Fumio

(74) Griffith Hack

## Cunha De Almeida, R. see Indiana University Research and Technology Corporation

(21) 2016233426

(71) Cytec Industries Inc.

(11) AU-B-2020201502

(21) 2020201502 (22) 28.02.2020

(54) Stabilizer compositions and methods for using same for protecting organic materials from UV light and thermal degradation

(51) Int. Cl.

**C08K 5/00** ( 2006.01 )**C08K 5/132** ( 2006.01 )**C08K 5/3475** ( 2006.01 )**C08K 5/3492** ( 2006.01 )**C08K 5/357** ( 2006.01 )

(43) 19.03.2020

(44) 19.08.2021

(62) 2015349771

(72) Eng, J. Mon Hei; Kozakiewicz, Joseph; Gupta, Ram B.; Cho, Jian-yang; Ryles, Roderick G.; Khawam, Fadi

(74) Phillips Ormonde Fitzpatrick

(71) Daiichi Sankyo Company, Limited

(11) AU-B-2017335242

(21) 2017335242 (22) 28.09.2017

(54) Pyridine compound

(51) Int. Cl.

**C07D 401/14** ( 2006.01 )**A61K 31/4709** ( 2006.01 )**A61P 35/00** ( 2006.01 )**C07D 413/14** ( 2006.01 )

(87) WO2018/060714

(31) 2016-191725 (32) 29.09.16 (33) JP

(43) 05.04.2018

(44) 19.08.2021

(72) Inagaki, Hiroaki; Shibata, Yoshihiro; Namiki, Hidenori; Kageji, Hideaki; Nakayama, Kiyoshi; Kaneta, Yasuyuki

(74) Griffith Hack

## Dana-Farber Cancer Institute, Inc. see Northeastern University

(21) 2016305473

(71) Dana-Farber Cancer Institute, Inc.

(11) AU-B-2017363252

(21) 2017363252 (22) 22.11.2017

(54) Degradation of Bruton's tyrosine kinase (BTK) by conjugation of BTK inhibitors with E3 ligase ligand and methods of use

(51) Int. Cl.

**C07D 403/12** ( 2006.01 )**A61K 31/427** ( 2006.01 )**A61K 31/454** ( 2006.01 )**A61K 31/497** ( 2006.01 )**C07D 401/04** ( 2006.01 )**C07D 417/12** ( 2006.01 )

(87) WO2018/098275

(31) 62/425,204 (32) 22.11.16 (33) US

(43) 31.05.2018

(44) 19.08.2021

(72) Gray, Nathanael S.; Dobrovolsky, Dennis; Huang, Hai-Tsang

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.

(11) AU-B-2017363257

(21) 2017363257 (22) 22.11.2017

(54) Degradation of protein kinases by conjugation of protein kinase inhibitors with E3 ligase ligand and methods of use

(51) Int. Cl.

**C07D 209/34** ( 2006.01 )**A61K 31/404** ( 2006.01 )**A61K 31/437** ( 2006.01 )**A61K 31/506** ( 2006.01 )**A61K 31/55** ( 2006.01 )**C07D 471/04** ( 2006.01 )**C07D 487/04** ( 2006.01 )**C07D 495/04** ( 2006.01 )

(87) WO2018/098280

(31) 62/425,587 (32) 22.11.16 (33) US

(43) 31.05.2018

(44) 19.08.2021

(72) Bradner, James; Buckley, Dennis; Ishoey, Mette; Winter, Georg

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) De' Longhi Appliances S.r.l. Con Unico Socio

(11) AU-B-2016305735

(21) 2016305735 (22) 05.08.2016

(54) Perfected portable air conditioner

(51) Int. Cl.

**F25B 6/04** ( 2006.01 )**F25B 40/02** ( 2006.01 )**F25B 40/04** ( 2006.01 )

(87) WO2017/025877

(31) 10201500043339 (32) 07.08.15 (33) IT

(43) 16.02.2017

(44) 19.08.2021

(72) De' Longhi, Giuseppe; Callegaro, Ivano; Vit, Stefano

(74) Spruson &amp; Ferguson

(71) Deakin University; Monash University

(11) AU-B-2016363672

(21) 2016363672 (22) 30.11.2016

(54) Sodium-ion electrolyte composition

(51) Int. Cl.

**H01M 10/0562** ( 2010.01 )

(87) WO2017/091854

(31) 2015904962 (32) 30.11.15 (33) AU

(43) 08.06.2017

(44) 19.08.2021

(72) Forsyth, Maria; Hilder, Matthias; Howlett, Patrick C.; Makhlooghiyad, Faezeh; Macfarlane, Douglas Robert

(74) Davies Collison Cave Pty Ltd

(71) Deere &amp; Company

(11) AU-B-2017200187

(21) 2017200187 (22) 11.01.2017

(54) Parallel hitching for modular power units

(51) Int. Cl.

**A01B 59/04** ( 2006.01 )

(31) 15/042,498 (32) 12.02.16 (33) US

(43) 31.08.2017

(44) 19.08.2021

(72) Romig, Bernard E.; Anderson, Noel W.; Pickett, Terence D.

(74) Davies Collison Cave Pty Ltd

(71) De La Rue International Limited

(11) AU-B-2016293294

(21) 2016293294 (22) 11.07.2016

(54) Methods of manufacturing security documents and security devices

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**B42D 25/324** ( 2014.01 )  
**B42D 25/342** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/425** ( 2014.01 )  
**B42D 25/45** ( 2014.01 )  
(87) WO2017/009619  
(31) 1512118.9 (32) 10.07.15 (33) GB  
(43) 19.01.2017  
(44) 19.08.2021  
(72) Holmes, Brian William; Godfrey, John  
(74) Davies Collison Cave Pty Ltd

(71) De La Rue International Limited  
(11) AU-B-2016294554  
(21) 2016294554 (22) 11.07.2016  
(54) Security substrates, security devices and methods of manufacture thereof

(51) Int. Cl.  
**B42D 25/425** ( 2014.01 )  
**B42D 25/21** ( 2014.01 )  
**B42D 25/29** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/45** ( 2014.01 )  
(87) WO2017/009622  
(31) 1512119.7 (32) 10.07.15 (33) GB  
(43) 19.01.2017  
(44) 19.08.2021  
(72) Holmes, Brian William; Suyal, Navin  
(74) Davies Collison Cave Pty Ltd

(71) Denali Therapeutics Inc.  
(11) AU-B-2018221704  
(21) 2018221704 (22) 15.02.2018  
(54) Transferrin receptor transgenic models

(51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A01K 67/027** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
(87) WO2018/152285  
(31) 62/583,314 (32) 08.11.17 (33) US  
62/460,692 17.02.17 US  
62/543,658 10.08.17 US  
62/543,559 10.08.17 US  
(43) 23.08.2018  
(44) 19.08.2021  
(72) Dennis, Mark S.; Silverman, Adam P.; Zuchero, Joy Yu  
(74) FPA Patent Attorneys Pty Ltd

(71) Derrick Corporation  
(11) AU-B-2019203679  
(21) 2019203679 (22) 27.05.2019  
(54) Systems, apparatuses, and methods for securing screen assemblies  
(51) Int. Cl.  
**B07B 1/46** ( 2006.01 )  
**B07B 1/48** ( 2006.01 )  
(43) 20.06.2019  
(44) 19.08.2021  
(62) 2015369585  
(72) Newman, Christian T.  
(74) Phillips Ormonde Fitzpatrick

(71) Discovery Limited; Cambridge Mobile Telematics  
(11) AU-B-2016357641  
(21) 2016357641 (22) 18.11.2016  
(54) A tracking and theft-recovery system for mobile assets  
(51) Int. Cl.  
**B60R 25/32** ( 2013.01 )  
**B60R 25/102** ( 2013.01 )  
**B60R 25/33** ( 2013.01 )  
(87) WO2017/085674  
(31) 62/256,861 (32) 18.11.15 (33) US  
(43) 26.05.2017  
(44) 19.08.2021  
(72) Ossin, Ilan; Balakrishnan, Hari; Girod, Lewis David  
(74) Shelston IP Pty Ltd.

(71) Dolby International AB  
(11) AU-B-2016335091  
(21) 2016335091 (22) 07.10.2016  
(54) Layered coding and data structure for compressed higher-order Ambisonics sound or sound field representations  
(51) Int. Cl.  
**G10L 19/008** ( 2013.01 )  
(87) WO2017/060412  
(31) 62/361,863 (32) 13.07.16 (33) US  
15306591.7 08.10.15 EP  
(43) 13.04.2017  
(44) 19.08.2021  
(72) Kordon, Sven; Krueger, Alexander  
(74) Shelston IP Pty Ltd.

(71) Dolby Laboratories Licensing Corporation  
(11) AU-B-2020226984  
(21) 2020226984 (22) 31.08.2020  
(54) System and method for adaptive audio signal generation, coding and rendering  
(51) Int. Cl.  
**H04S 7/00** ( 2006.01 )  
**H04S 3/00** ( 2006.01 )  
(43) 17.09.2020  
(44) 19.08.2021  
(62) 2019204012  
(72) Robinson, Charles Q.; Tsingos, Nicolas R.; Chabanne, Christophe  
(74) Chrysilou IP

(71) DONALDSON, M.; PINCHEN, D.  
(11) AU-B-2016203971  
(21) 2016203971 (22) 14.06.2016  
(54) Rotational Mathematical Teaching Aid  
(51) Int. Cl.  
**G09B 1/02** ( 2006.01 )  
(31) 2015902232 (32) 12.06.15 (33) AU  
(43) 05.01.2017  
(44) 19.08.2021  
(72) PINCHEN, Dean Luke; DONALDSON, Mitchell James  
(74) Wallington-Dummer

(71) Dow AgroSciences LLC  
(11) AU-B-2020201243  
(21) 2020201243 (22) 20.02.2020

(54) Compositions and methods related to half salts of herbicidal carboxylic acids  
(51) Int. Cl.  
**C07C 211/14** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
(43) 12.03.2020  
(44) 19.08.2021  
(62) 2016371916  
(72) Liu, Lei; Tank, Holger; Olds, Melissa Gail; Wilson, Stephen L.  
(74) FPA Patent Attorneys Pty Ltd

(71) Dow AgroSciences LLC  
(11) AU-B-2020201263  
(21) 2020201263 (22) 21.02.2020  
(54) 4-amino-6-(heterocyclic)picolinates and 6-amino-2-(heterocyclic)pyrimidine-4-carboxylates and their use as herbicides  
(51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
(43) 12.03.2020  
(44) 19.08.2021  
(62) 2018220080  
(72) Eckelbarger, Joseph D.; Epp, Jeffrey B.; Fischer, Lindsey G.; Lowe, Christian T.; Petkus, Jeff; Roth, Joshua; Satchivi, Norbert M.; Schmitzer, Paul Richard; Siddall, Thomas L.  
(74) FPA Patent Attorneys Pty Ltd

(71) Dupont Industrial BioSciences USA, LLC  
(11) AU-B-2016276042  
(21) 2016276042 (22) 01.06.2016  
(54) Enhanced barrier performance via blends of poly(ethylene furandi-carboxylate) and poly(ethylene terephthalate)  
(51) Int. Cl.  
**B29C 49/06** ( 2006.01 )  
**B29C 49/08** ( 2006.01 )  
(87) WO2016/200653  
(31) 62/326,965 (32) 25.04.16 (33) US  
62/174,395 11.06.15 US  
(43) 15.12.2016  
(44) 19.08.2021  
(72) Duncan, Andrew Jay; Fagan, Paul  
(74) Houlihan<sup>2</sup> Pty Ltd

(71) Ecole Polytechnique Fédérale de Lausanne (EPFL)  
(11) AU-B-2016344585  
(21) 2016344585 (22) 31.05.2016  
(54) Synthesis of superposition shape images by light interacting with superposed layers of lenslet gratings  
(51) Int. Cl.  
**B42D 25/415** ( 2014.01 )  
**B42D 25/324** ( 2014.01 )  
**B42D 25/342** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/42** ( 2014.01 )  
**B42D 25/425** ( 2014.01 )  
**B42D 25/43** ( 2014.01 )  
**B42D 25/435** ( 2014.01 )  
**B42D 25/44** ( 2014.01 )  
**B42D 25/445** ( 2014.01 )  
**G02B 3/00** ( 2006.01 )

Applications Accepted - Name Index cont'd

**G02B 27/60** ( 2006.01 )  
**(87)** WO2017/072566  
**(31)** 14/703,017 **(32)** 27.10.15 **(33)** US  
**(43)** 04.05.2017  
**(44)** 19.08.2021  
**(72)** Hersch, Roger David; Walger, Thomas;  
 Flauraud, Valentin; Brugger, Juergen;  
 Besson, Théophane  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** ECOVATIVE DESIGN LLC  
**(11)** AU-B-2019219768  
**(21)** 2019219768 **(22)** 21.08.2019  
**(54)** STIFF MYCELIIUM BOUND PART AND  
 METHOD OF PRODUCING STIFF MY-  
 CELIIUM BOUND PARTS  
**(51)** Int. Cl.  
**B29C 70/00** ( 2006.01 )  
**B27N 1/02** ( 2006.01 )  
**B27N 3/02** ( 2006.01 )  
**B27N 3/04** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 9/02** ( 2006.01 )  
**B32B 37/18** ( 2006.01 )  
**C12P 1/02** ( 2006.01 )  
**(43)** 05.09.2019  
**(44)** 19.08.2021  
**(62)** 2015271910  
**(72)** TUDRYN, Gregory John; MCINTYRE,  
 Gavin R.; BETTS, Jeffrey D.; WINISKI,  
 Jacob  
**(74)** Spruson & Ferguson

**(71)** Elekta, Inc.  
**(11)** AU-B-2018380026  
**(21)** 2018380026 **(22)** 05.12.2018  
**(54)** Radiation treatment planning or admin-  
 istration electron modeling  
**(51)** Int. Cl.  
**A61N 5/10** ( 2006.01 )  
**(87)** WO2019/113228  
**(31)** 15/836,474 **(32)** 08.12.17 **(33)** US  
**(43)** 13.06.2019  
**(44)** 19.08.2021  
**(72)** HISSOINY, Sami; MOREAU, Michel  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Emulate, Inc.  
**(11)** AU-B-2018283184  
**(21)** 2018283184 **(22)** 14.06.2018  
**(54)** Effects of space travel on human brain  
 cells  
**(51)** Int. Cl.  
**G01N 1/18** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 1/36** ( 2006.01 )

**(87)** WO2018/232096  
**(31)** 62/648,715 **(32)** 27.03.18 **(33)** US  
 62/519,739 14.06.17 US  
 62/561,465 21.09.17 US  
**(43)** 20.12.2018  
**(44)** 19.08.2021  
**(72)** HINOJOSA, Christopher David;  
 SLIZ, Josiah; PEDIADITAKIS, Iosif;  
 BARTHAKUR, Sonalee  
**(74)** Spruson & Ferguson

**(71)** ENE-HUB PTY LTD  
**(11)** AU-B-2017301105  
**(21)** 2017301105 **(22)** 26.07.2017  
**(54)** A concealed communications antenna  
 and lighting feature  
**(51)** Int. Cl.  
**H01Q 1/12** ( 2006.01 )  
**H01Q 1/06** ( 2006.01 )  
**H01Q 1/42** ( 2006.01 )  
**H01Q 1/44** ( 2006.01 )  
**(87)** WO2018/018083  
**(31)** 2016902940 **(32)** 26.07.16 **(33)** AU  
**(43)** 01.02.2018  
**(44)** 19.08.2021  
**(72)** Matchett, Robert Stephen; West, Mark  
 Robert James; Williams, Scott Daniel  
**(74)** Fraser Old & Sohn

**(71)** Entasis Therapeutics Limited  
**(11)** AU-B-2017325863  
**(21)** 2017325863 **(22)** 15.09.2017  
**(54)** Beta-lactamase inhibitor compounds  
**(51)** Int. Cl.  
**C07D 471/08** ( 2006.01 )  
**A61K 31/439** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 211/78** ( 2006.01 )  
**(87)** WO2018/053215  
**(31)** 62/395,464 **(32)** 16.09.16 **(33)** US  
 62/456,423 08.02.17 US  
**(43)** 22.03.2018  
**(44)** 19.08.2021  
**(72)** Comita-Prevoir, Janelle; Durand-Re-  
 ville, Thomas Francois; Gauthier, Lise;  
 O'Donnell, John; Romero, Jan; Tom-  
 masi, Ruben; Verheijen, Jeroen Cu-  
 nera; Wu, Frank; Xiaoyun; Zhang,  
 Jing; Basarab, Gregory S.; Moss, Bill  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Entire R&D Ply Ltd  
**(11)** AU-B-2020327860  
**(21)** 2020327860 **(22)** 10.08.2020  
**(54)** Portable fluid pump  
**(51)** Int. Cl.  
**F04C 15/06** ( 2006.01 )  
**A62C 27/00** ( 2006.01 )  
**F04C 2/22** ( 2006.01 )

**(87)** WO2021/026583  
**(31)** 2019902906 **(32)** 12.08.19 **(33)** AU  
**(43)** 18.02.2021  
**(44)** 19.08.2021  
**(72)** FANCOTE, Michael; FANCOTE, Gavin  
**(74)** Mann IP

**(71)** EPIPLANTA BIOTECH LTD.  
**(11)** AU-B-2018202996  
**(21)** 2018202996 **(22)** 30.04.2018  
**(54)** A transgenic plant and the method for  
 producing the same  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**(31)** 15/603,894 **(32)** 24.05.17 **(33)** US  
**(43)** 13.12.2018

**(44)** 19.08.2021  
**(72)** JIA, Guifang; HE, Chuan  
**(74)** Griffith Hack

**(71)** Equinor Energy AS  
**(11)** AU-B-2015412337  
**(21)** 2015412337 **(22)** 22.10.2015  
**(54)** Method and system for the optimisation  
 of the addition of diluent to an oil well  
 comprising a downhole pump  
**(51)** Int. Cl.  
**E21B 43/12** ( 2006.01 )  
**E21B 47/00** ( 2006.01 )  
**E21B 49/00** ( 2006.01 )  
**(87)** WO2017/069633  
**(43)** 27.04.2017  
**(44)** 19.08.2021  
**(72)** Pavlov, Alexey; Fjalestad, Kjetil  
**(74)** FB Rice Pty Ltd

**(71)** Etex Services NV  
**(11)** AU-B-2017339075  
**(21)** 2017339075 **(22)** 05.10.2017  
**(54)** Methods for producing air-cured fiber  
 cement products  
**(51)** Int. Cl.  
**C04B 28/04** ( 2006.01 )  
**C04B 18/16** ( 2006.01 )  
**(87)** WO2018/065517  
**(31)** 16192660.5 **(32)** 06.10.16 **(33)** EP  
**(43)** 12.04.2018  
**(44)** 19.08.2021  
**(72)** Van Der Heyden, Luc  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Ethicon, Inc.  
**(11)** AU-B-2017325685  
**(21)** 2017325685 **(22)** 15.08.2017  
**(54)** Method of laminating absorbable semi-  
 crystalline polymeric films  
**(51)** Int. Cl.  
**B32B 37/15** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
**B32B 27/00** ( 2006.01 )  
**B32B 37/00** ( 2006.01 )  
**(87)** WO2018/052608  
**(31)** 15/267,700 **(32)** 16.09.16 **(33)** US  
**(43)** 22.03.2018  
**(44)** 19.08.2021  
**(72)** Andjelic, Sasa; Egidio, Dominick  
**(74)** Spruson & Ferguson

**(71)** Evolved by Nature, Inc.  
**(11)** AU-B-2015358537  
**(21)** 2015358537 **(22)** 02.12.2015  
**(54)** Silk performance apparel and products  
 and methods of preparing the same  
**(51)** Int. Cl.  
**A61K 8/64** ( 2006.01 )  
**A61K 8/67** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**(87)** WO2016/090055  
**(31)** 62/245,221 **(32)** 22.10.15 **(33)** US  
 62/086,297 02.12.14 US  
 62/192,477 14.07.15 US  
**(43)** 09.06.2016



Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) Altman, Gregory H.; Mortarino, Enrico  
 (74) AJ PARK

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(71) ExxonMobil Upstream Research Company  
 (11) AU-B-2018243432  
 (21) 2018243432 (22) 13.02.2018  
 (54) Ship/floating storage unit with dual cryogenic cargo tank for LNG and liquid nitrogen  
 (51) Int. Cl.  
*F17C 13/08* ( 2006.01 )  
*F17C 6/00* ( 2006.01 )  
*F17C 9/02* ( 2006.01 )  
 (87) WO2018/182862  
 (31) 62/478,961 (32) 30.03.17 (33) US  
 (43) 04.10.2018  
 (44) 19.08.2021  
 (72) Balasubramanian, Sathish; Blackert, Austin  
 (74) Allens Patent & Trade Mark Attorneys

(71) Fine Forge Industry Corporation  
 (11) AU-B-2020203639  
 (21) 2020203639 (22) 02.06.2020  
 (54) Socket Structure  
 (51) Int. Cl.  
*B25B 13/06* ( 2006.01 )  
*B25B 13/48* ( 2006.01 )  
*B25B 13/50* ( 2006.01 )  
*B25B 27/00* ( 2006.01 )  
*B60B 29/00* ( 2006.01 )  
 (43) 19.08.2021  
 (44) 19.08.2021  
 (72) PENG, Chia-Hui  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Five Prime Therapeutics, Inc.  
 (11) AU-B-2016350701  
 (21) 2016350701 (22) 01.11.2016  
 (54) CD80 extracellular domain polypeptides and their use in cancer treatment  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
 (87) WO2017/079117  
 (31) 62/373,654 (32) 11.08.16 (33) US  
 62/249,836 02.11.15 US  
 (43) 11.05.2017  
 (44) 19.08.2021  
 (72) Brennan, Thomas; Bellovin, David; Busha, David; Sennino, Barbara  
 (74) FB Rice Pty Ltd

(71) FLAIM Systems Pty Ltd  
 (11) AU-B-2016222290  
 (21) 2016222290 (22) 19.02.2016  
 (54) Firefighter training unit  
 (51) Int. Cl.  
*G09B 9/00* ( 2006.01 )  
*A62C 37/00* ( 2006.01 )  
 (87) WO2016/131110  
 (31) 2015900587 (32) 20.02.15 (33) AU  
 (43) 25.08.2016

(44) 19.08.2021  
 (72) Mullins, James; Watson, Matthew; Fielding, Michael; Nahavandi, Saeid  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Flo-Rite, Inc.  
 (11) AU-B-2016379081  
 (21) 2016379081 (22) 12.12.2016  
 (54) Seed Firmer Life Extender Mounting Bracket and Fastener  
 (51) Int. Cl.  
*A01C 7/08* ( 2006.01 )  
*A01C 5/06* ( 2006.01 )  
*A01C 7/20* ( 2006.01 )  
 (87) WO2017/112446  
 (31) 62/270,957 (32) 22.12.15 (33) US  
 62/312,221 23.03.16 US  
 62/278,081 13.01.16 US  
 (43) 29.06.2017  
 (44) 19.08.2021  
 (72) Peter, Jeffrey J.  
 (74) James & Wells Intellectual Property

(71) FMC Corporation  
 (11) AU-B-2020204185  
 (21) 2020204185 (22) 23.06.2020  
 (54) USE OF 3-ISOXAZOLIDINONES COMPOUNDS AS SELECTIVE HERBICIDES  
 (51) Int. Cl.  
*A01N 43/80* ( 2006.01 )  
 (43) 09.07.2020  
 (44) 19.08.2021  
 (62) 2018201718  
 (72) WALTER, James F.; NICHOLSON, Paul; BURNETT, Alison; LAPPIN, James; CHAHAL, Gurinderbir; SHINN, Sandra; D'AMICO Jr., Frank J.  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Form 700 Pty Ltd  
 (11) AU-B-2017268028  
 (21) 2017268028 (22) 19.05.2017  
 (54) A perimeter safety screen assembly  
 (51) Int. Cl.  
*E04G 21/32* ( 2006.01 )  
*E04G 3/28* ( 2006.01 )  
*E04G 5/14* ( 2006.01 )  
 (87) WO2017/197440  
 (31) 2016901878 (32) 19.05.16 (33) AU  
 2016904047 05.10.16 AU  
 (43) 23.11.2017  
 (44) 19.08.2021  
 (72) Rosati, Emilio  
 (74) Madders Pty Ltd

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 (11) AU-B-2018298874  
 (21) 2018298874 (22) 13.07.2018  
 (54) Concept for generating an enhanced sound field description or a modified sound field description using a multi-point sound field description  
 (51) Int. Cl.  
*G10L 19/008* ( 2013.01 )  
*H04S 7/00* ( 2006.01 )

*G06F 3/01* ( 2006.01 )  
*G10L 21/0272* ( 2013.01 )  
 (87) WO2019/012131  
 (31) 17181488.2 (32) 14.07.17 (33) EP  
 (43) 17.01.2019  
 (44) 19.08.2021  
 (72) HERRE, Jürgen; HABETS, Emanuel  
 (74) Griffith Hack

---

(71) Fronius International GmbH  
 (11) AU-B-2019258117  
 (21) 2019258117 (22) 23.04.2019  
 (54) Precharging of an intermediate circuit  
 (51) Int. Cl.  
*H02M 1/36* ( 2007.01 )  
*H02M 7/5375* ( 2006.01 )  
*H02M 7/487* ( 2007.01 )  
 (87) WO2019/206910  
 (31) 18168829.2 (32) 23.04.18 (33) EP  
 (43) 31.10.2019  
 (44) 19.08.2021  
 (72) DANMAYR, Joachim; JUNGREIT-HMAIR, Roland  
 (74) FB Rice Pty Ltd

(71) Fujian Doofar Outdoor Sporting Goods Co., Ltd  
 (11) AU-B-2020244520  
 (21) 2020244520 (22) 30.09.2020  
 (54) SMALL SHIP  
 (51) Int. Cl.  
*B63B 3/08* ( 2006.01 )  
 (31) 202010967141.6 (32) 15.09.20 (33) CN  
 (43) 19.08.2021  
 (44) 19.08.2021  
 (72) Lin, Xi Zhen  
 (74) Madders Pty Ltd

(71) FUJIFILM Business Innovation Corp.  
 (11) AU-B-2019229413  
 (21) 2019229413 (22) 13.09.2019  
 (54) Display control device, image forming apparatus, display control method, and program  
 (51) Int. Cl.  
*G06F 3/0482* ( 2013.01 )  
 (43) 03.10.2019  
 (44) 19.08.2021  
 (62) 2019202620  
 (72) Sano, Yasushi  
 (74) Shelston IP Pty Ltd.

(71) FUJIFILM Corporation  
 (11) AU-B-2019358933  
 (21) 2019358933 (22) 08.10.2019  
 (54) Pearl culture material, nucleus insertion method, and pearl culture material composition  
 (51) Int. Cl.  
*C07K 14/325* ( 2006.01 )  
*A01K 61/57* ( 2017.01 )  
*C07K 14/78* ( 2006.01 )  
*C12P 21/02* ( 2006.01 )  
 (87) WO2020/075715  
 (31) 2018-193668 (32) 12.10.18 (33) JP  
 (43) 16.04.2020

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) MAENO, Yutaka; CHIBANA, Kazu-  
 taka; MOCHIZUKI, Hidehiro; YAMADA,  
 Tadanori  
 (74) Griffith Hack

---

(71) Fujitsu General Limited  
 (11) AU-B-2018352399  
 (21) 2018352399 (22) 12.10.2018  
 (54) Air-conditioner  
 (51) Int. Cl.  
*F24F 11/58* (2018.01 )  
*F24F 11/56* (2018.01 )  
*F24F 11/61* (2018.01 )

(87) WO2019/078111  
 (31) 2017-201528 (32) 18.10.17 (33) JP  
 (43) 25.04.2019  
 (44) 19.08.2021  
 (72) SHIMAMURA, Yutaka  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Fujitsu General Limited  
 (11) AU-B-2019213168  
 (21) 2019213168 (22) 22.01.2019  
 (54) Electrical component module  
 (51) Int. Cl.  
*F24F 1/22* (2011.01 )  
*F24F 1/24* (2011.01 )  
*H05K 7/14* (2006.01 )  
*H05K 7/20* (2006.01 )

(87) WO2019/146602  
 (31) 2018-011161 (32) 26.01.18 (33) JP  
 (43) 01.08.2019  
 (44) 19.08.2021  
 (72) HIKA, Yasushi; HATAKEYAMA, Yukine;  
 SUGAWARA, Yuri; MASAGO, Hideki  
 (74) Shelston IP Pty Ltd.

---

(71) Fullarton Bioengineering Technology  
 (Beijing) Co., Ltd  
 (11) AU-B-2018410430  
 (21) 2018410430 (22) 05.07.2018  
 (54) Lactobacillus reuteri SS23-52, prepara-  
 tion method of dry powder starter there-  
 of, and application thereof in purebred  
 probiotic yogurt  
 (51) Int. Cl.  
*C12N 1/20* (2006.01 )  
*A23C 9/123* (2006.01 )  
*C12R 1/225* (2006.01 )

(87) WO2019/161631  
 (31) 201810156028.2 (32) 23.02.18 (33) CN  
 (43) 29.08.2019  
 (44) 19.08.2021  
 (72) Hao, Hongwei; Liu, Hui; Zhang, Hongx-  
 ing; Xie, Yuanhong  
 (74) Davies Collison Cave Pty Ltd

---

(71) FWP IP APS  
 (11) AU-B-2020201290  
 (21) 2020201290 (22) 21.02.2020  
 (54) Combination therapy for treatment of  
 multiple sclerosis  
 (51) Int. Cl.  
*A61K 31/215* (2006.01 )  
*A61K 9/00* (2006.01 )  
*A61K 31/137* (2006.01 )

*A61K 31/275* (2006.01 )  
*A61K 31/47* (2006.01 )  
*A61P 29/00* (2006.01 )  
 (43) 12.03.2020  
 (44) 19.08.2021  
 (62) 2018201801  
 (72) Terwey, Theis; Rupp, Roland; Ander-  
 sen, Peder M.  
 (74) FB Rice Pty Ltd

---

(71) GE Global Sourcing LLC  
 (11) AU-B-2016266114  
 (21) 2016266114 (22) 05.12.2016  
 (54) SYSTEM AND METHOD FOR RE-  
 DUCING FUEL CONSUMPTION IN A  
 VEHICLE  
 (51) Int. Cl.  
*B60L 7/16* (2006.01 )  
*B60L 7/20* (2006.01 )  
*F02N 11/08* (2006.01 )

(31) 14/974,071 (32) 18.12.15 (33) US  
 (43) 06.07.2017  
 (44) 19.08.2021  
 (72) Wolff, Jeffrey John; Kumar, Ajith Kuttan-  
 nair; Young, Henry Todd; Kuttenkuler,  
 Jason Daniel; Borisenko, Maksim V.;  
 Petrak, Edward  
 (74) Phillips Ormonde Fitzpatrick

---

(71) GenesisCare Ventures Pty Ltd  
 (11) AU-B-2020277099  
 (21) 2020277099 (22) 17.11.2020  
 (54) Method for treating cancerous and pre-  
 cancerous skin  
 (51) Int. Cl.  
*A61B 5/00* (2006.01 )  
*G06T 7/00* (2017.01 )  
*G16H 50/30* (2018.01 )

(31) 2020902243 (32) 01.07.20 (33) AU  
 (43) 19.08.2021  
 (44) 19.08.2021  
 (72) BAKER, Christopher; COLE, Judith  
 Mary; SINCLAIR, Robert; WEIGHT-  
 MAN, Warren; SHUMACK, Stephen;  
 SPELMAN, Lynda; FOLEY, Peter  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Genovis AB  
 (11) AU-B-2017214441  
 (21) 2017214441 (22) 03.02.2017  
 (54) New Streptococcal proteases  
 (51) Int. Cl.  
*C12Q 1/37* (2006.01 )  
*C07K 14/36* (2006.01 )  
*C12N 9/52* (2006.01 )  
*C12N 9/64* (2006.01 )

(87) WO2017/134274  
 (31) 1630021-2 (32) 04.02.16 (33) SE  
 (43) 10.08.2017  
 (44) 19.08.2021  
 (72) Von Pawel-Rammingen, Ulrich; Spo-  
 erry, Christian  
 (74) Spruson & Ferguson

---

(71) Giesecke+Devrient Currency Techno-  
 logy GmbH  
 (11) AU-B-2020200858

(21) 2020200858 (22) 06.02.2020  
 (54) Manufacture of a plastic security sub-  
 strate having embedded security ele-  
 ment and plastic security substrate  
 (51) Int. Cl.  
*B29C 48/10* (2019.01 )  
*B29C 55/28* (2006.01 )  
*B42D 25/29* (2014.01 )  
 (31) 10 2019 000 918.5 (32) 08.02.19 (33) DE  
 (43) 27.08.2020  
 (44) 19.08.2021  
 (72) SCHIFFMANN, Peter; PFEIFFER, Mat-  
 thias  
 (74) FB Rice Pty Ltd

---

(71) Gilead Sciences, Inc.  
 (11) AU-B-2019223182  
 (21) 2019223182 (22) 25.02.2019  
 (54) Substituted pyrrolizine compounds as  
 HBV replication inhibitors  
 (51) Int. Cl.  
*C07D 487/04* (2006.01 )  
*A61K 31/403* (2006.01 )  
*A61K 31/4192* (2006.01 )  
*A61P 31/20* (2006.01 )

(87) WO2019/165374  
 (31) 62/635,262 (32) 26.02.18 (33) US  
 (43) 29.08.2019  
 (44) 19.08.2021  
 (72) GUTIERREZ, David Alan; KOBAYASHI,  
 Tetsuya; LAZERWITH, Scott E.; LEE,  
 Rick Andrew; MORGANELLI, Philip An-  
 thony; PYUN, Hyung-Jung  
 (74) Davies Collison Cave Pty Ltd

---

(71) Ginkgo Bioworks, Inc.  
 (11) AU-B-2015243881  
 (21) 2015243881 (22) 08.04.2015  
 (54) Selective advantage in fermentation  
 (51) Int. Cl.  
*C12N 15/00* (2006.01 )  
*C12N 1/00* (2006.01 )  
*C12N 1/21* (2006.01 )  
*C12P 7/64* (2006.01 )

(87) WO2015/157431  
 (31) 61/976,672 (32) 08.04.14 (33) US  
 62/083,540 24.11.14 US  
 (43) 15.10.2015  
 (44) 19.08.2021  
 (72) Greenhagen, Emily H.; Hamilton, Maur-  
 een; LaTouf, William G.; Consiglio, An-  
 drew L.; MacEwen, Kyle M.; Shaw IV,  
 Arthur J.  
 (74) Shelston IP Pty Ltd.

---

(71) Glow Path Pavers, LLC  
 (11) AU-B-2020251790  
 (21) 2020251790 (22) 19.02.2020  
 (54) Paving block with improved illumination  
 (51) Int. Cl.  
*E01C 17/00* (2006.01 )  
*B28B 23/00* (2006.01 )  
*F21V 33/00* (2006.01 )

(87) WO2020/205076  
 (31) 16/373,082 (32) 02.04.19 (33) US  
 (43) 08.10.2020

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) TOMA, Alaa; KETTY, John; ECKHOUS, Jeremy P.  
 (74) TIDY TEND GLOBAL PTY LTD

(71) GMM S.p.A.  
 (11) AU-B-2016252489  
 (21) 2016252489 (22) 21.04.2016  
 (54) Machine for machining slabs  
 (51) Int. Cl.  
*B28D 1/00* ( 2006.01 )  
*B23D 45/14* ( 2006.01 )  
*B28D 1/04* ( 2006.01 )  
 (87) WO2016/170502  
 (31) MI2015A000580 (32) 22.04.15 (33) IT  
 (43) 27.10.2016  
 (44) 19.08.2021  
 (72) Guazzoni, Luigi  
 (74) Davies Collison Cave Pty Ltd

(71) Google LLC  
 (11) AU-B-2020220144  
 (21) 2020220144 (22) 20.08.2020  
 (54) Access Point Device  
 (51) Int. Cl.  
*H04W 88/08* ( 2009.01 )  
*H04L 12/02* ( 2006.01 )  
 (31) PCT/ (32) 26.09.19 (33) IB  
 US2019/053162  
 (43) 15.04.2021  
 (44) 19.08.2021  
 (72) Lee, Yau-Shing; Esparza, Rolando Willcox; Liu, George; Wong, Wing Tung; Heckmann, Frédéric; Tang, Vivian W.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google Technology Holdings LLC  
 (11) AU-B-2020202562  
 (21) 2020202562 (22) 16.04.2020  
 (54) Enhanced image capture  
 (51) Int. Cl.  
*H04N 5/232* ( 2006.01 )  
 (43) 07.05.2020  
 (44) 19.08.2021  
 (62) 2018203279  
 (72) Petrescu, Doina I.; Lay, Thomas T.; Petrie, Steven R.; Ryan, Bill; Sinha, Snigdha; Vanhoof, Jeffrey S.  
 (74) Spruson & Ferguson

Gottlieb, Y. see Shoolman, Y.  
 (21) 2018294443

Grains Research and Development Corporation see Commonwealth Scientific and Industrial Research Organisation  
 (21) 2018247287

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-B-2016416776  
 (21) 2016416776 (22) 29.07.2016

(54) Methods of transmitting and receiving paging message, access network equipment, and terminal equipment  
 (51) Int. Cl.  
*H04W 68/02* ( 2009.01 )  
 (87) WO2018/018622  
 (43) 01.02.2018  
 (44) 19.08.2021  
 (72) Tang, Hai  
 (74) Golja Haines & Friend

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-B-2018414653  
 (21) 2018414653 (22) 22.03.2018  
 (54) Method for switching status of secondary carrier, terminal device, and network device  
 (51) Int. Cl.  
*H04W 48/08* ( 2009.01 )  
*H04W 48/16* ( 2009.01 )  
 (87) WO2019/178814  
 (43) 26.09.2019  
 (44) 19.08.2021  
 (72) SHI, Cong  
 (74) Davies Collison Cave Pty Ltd

(71) Guangzhou Xaircraft Technology Co., Ltd  
 (11) AU-B-2018372621  
 (21) 2018372621 (22) 12.11.2018  
 (54) Smart agent container cover, smart agent container, and aircraft  
 (51) Int. Cl.  
*G01F 23/00* ( 2006.01 )  
 (87) WO2019/100965  
 (31) 201721571936.5 (32) 21.11.17 (33) CN  
 (43) 31.05.2019  
 (44) 19.08.2021  
 (72) PENG, Bin; HUANG, Yaolin  
 (74) James & Wells Intellectual Property

GUIYANG PLATEAU MINING MACHINERY COMPANY LIMITED see TAIYUAN UNIVERSITY OF TECHNOLOGY  
 (21) 2020202237

(71) GW Research Limited  
 (11) AU-B-2016278088  
 (21) 2016278088 (22) 16.06.2016  
 (54) Use of cannabinoids in the treatment of epilepsy  
 (51) Int. Cl.  
*A61K 45/06* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 36/185* ( 2006.01 )  
*A61P 25/08* ( 2006.01 )  
 (87) WO2016/203239  
 (31) 1510664.4 (32) 17.06.15 (33) GB  
 (43) 22.12.2016  
 (44) 19.08.2021  
 (72) Guy, Geoffrey; Wright, Stephen; Mead, Alice; Cheetham, Emma; Devinsky, Orrin; Schiller, Dominic  
 (74) FPA Patent Attorneys Pty Ltd

(71) H. Lundbeck A/S.  
 (11) AU-B-2017361251  
 (21) 2017361251 (22) 15.11.2017  
 (54) MAGL inhibitors  
 (51) Int. Cl.  
*C07D 498/08* ( 2006.01 )  
*C07D 295/205* ( 2006.01 )  
*C07D 295/26* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 471/10* ( 2006.01 )  
 (87) WO2018/093947  
 (31) 62/423,099 (32) 16.11.16 (33) US  
 (43) 24.05.2018  
 (44) 19.08.2021  
 (72) Grice, Cheryl A.; Buzard, Daniel J.; Shaghafi, Michael B.  
 (74) FB Rice Pty Ltd

(71) Haddish, I.  
 (11) AU-B-2013351959  
 (21) 2013351959 (22) 29.11.2013  
 (54) Virtual and augmented reality instruction system  
 (51) Int. Cl.  
*G06F 3/0346* ( 2013.01 )  
 (87) WO2014/085768  
 (31) 61/731,111 (32) 29.11.12 (33) US  
 61/792,771 15.03.13 US  
 (43) 05.06.2014  
 (44) 19.08.2021  
 (72) Haddish, Imran  
 (74) Caska Intellectual Property Pty Ltd

Haihe Biopharma Co., Ltd. see Shanghai Institute of Materia Medica, Chinese Academy of Sciences  
 (21) 2019241374

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2016423182  
 (21) 2016423182 (22) 19.09.2016  
 (54) Expandable reentry completion device  
 (51) Int. Cl.  
*E21B 7/04* ( 2006.01 )  
*E21B 7/06* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
 (87) WO2018/052452  
 (43) 22.03.2018  
 (44) 19.08.2021  
 (72) Durst, Doug Glenn  
 (74) Spruson & Ferguson

(71) Heartflow, Inc.  
 (11) AU-B-2020200288  
 (21) 2020200288 (22) 15.01.2020  
 (54) Systems and methods for anonymization of health data and transmission of health data for analysis across geographic regions  
 (51) Int. Cl.  
*G16H 10/60* ( 2018.01 )  
*G06F 21/62* ( 2013.01 )  
 (43) 06.02.2020

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (62) 2017290600  
 (72) Yousfi, Razik; Grady, Leo; D'amours, Nathalie  
 (74) Davies Collison Cave Pty Ltd

**Hefei Hualing Co., Ltd. see Hefei Midea Refrigerator Co., Ltd.**  
 (21) 2019299868

(71) Hefei Midea Refrigerator Co., Ltd.; Hefei Hualing Co., Ltd.; Midea Group Co., Ltd.  
 (11) AU-B-2019299868  
 (21) 2019299868 (22) 10.06.2019  
 (54) Heating control method, device and ice maker  
 (51) Int. Cl.  
*F25C 1/04* ( 2018.01 )  
 (31) 201910470216.7 (32) 31.05.19 (33) CN  
 (43) 17.12.2020  
 (44) 19.08.2021  
 (72) ZHANG, Jingyu; LI, Yu; WEI, Deming  
 (74) Davies Collison Cave Pty Ltd

(71) Hodge Systems Pty Ltd  
 (11) AU-B-2015249099  
 (21) 2015249099 (22) 28.10.2015  
 (54) MOTOR-DRIVEN ROLLER SYSTEM  
 (51) Int. Cl.  
*E06B 9/68* ( 2006.01 )  
 (43) 18.05.2017  
 (44) 19.08.2021  
 (72) Hodges, John Charles; White, Timothy Mark  
 (74) Spruson & Ferguson

(71) HONEYWELL INTERNATIONAL INC.  
 (11) AU-B-2020201513  
 (21) 2020201513 (22) 28.02.2020  
 (54) DEVICE FOR IMPROVED GAS DETECTION IN A PHOTOIONIZATION DETECTOR  
 (51) Int. Cl.  
*G01N 27/66* ( 2006.01 )  
 (31) 201920254732.1 (32) 28.02.19 (33) CN  
 (43) 24.09.2020  
 (44) 19.08.2021  
 (72) LIU, Chang; XIE, Guangli; WANG, Zhiguo; CHEN, Bo; ZHANG, Yang  
 (74) FPA Patent Attorneys Pty Ltd

**Hospices Civils de Lyon see Biomérieux**  
 (21) 2016259815

(71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-B-2019354606  
 (21) 2019354606 (22) 25.09.2019  
 (54) Elbow joint prostheses  
 (51) Int. Cl.  
*A61F 2/38* ( 2006.01 )  
*A61F 2/46* ( 2006.01 )  
 (87) WO2020/072247  
 (31) 62/740,790 (32) 03.10.18 (33) US  
 (43) 09.04.2020

(44) 19.08.2021  
 (72) KARTHOLL, Matthew Victor; PARKER, Brad Alan; FARLEY, Kevin Alike; KOEPKE, Ryan D.  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018314879  
 (21) 2018314879 (22) 06.08.2018  
 (54) METHOD FOR RNA ALLOCATION, NETWORK DEVICE, AND TERMINAL  
 (51) Int. Cl.  
*H04W 60/00* ( 2009.01 )  
*H04W 36/00* ( 2009.01 )  
 (87) WO2019/029465  
 (31) 201710677166.0 (32) 09.08.17 (33) CN  
 (43) 14.02.2019  
 (44) 19.08.2021  
 (72) JIN, Yinghao; LI, Hong; HAN, Feng; TAN, Wei  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018401246  
 (21) 2018401246 (22) 29.12.2018  
 (54) Communication method and device  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/137267  
 (31) 201810020375.2 (32) 09.01.18 (33) CN  
 (43) 18.07.2019  
 (44) 19.08.2021  
 (72) MA, Ruixiang; LYU, Yongxia; GUAN, Lei; SONG, Xinghua  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2019248685  
 (21) 2019248685 (22) 01.04.2019  
 (54) Method and apparatus for downlink control information communication and interpretation  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/192422  
 (31) 62/652,490 (32) 04.04.18 (33) US  
 16/216,191 11.12.18 US  
 (43) 10.10.2019  
 (44) 19.08.2021  
 (72) ABDOLI, Javad; TANG, Zhenfei  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2020217356  
 (21) 2020217356 (22) 11.08.2020  
 (54) SYSTEM AND METHODS FOR SESSION MANAGEMENT  
 (51) Int. Cl.  
*H04W 48/12* ( 2009.01 )  
 (43) 03.09.2020  
 (44) 19.08.2021  
 (62) 2018206106  
 (72) Dao, Ngoc Dung; Zhang, Hang; Li, Xu  
 (74) Phillips Ormonde Fitzpatrick

(71) HUECK Rheinische GmbH  
 (11) AU-B-2016353972  
 (21) 2016353972 (22) 08.11.2016  
 (54) Pressing tool designed as a press platen  
 (51) Int. Cl.  
*B30B 15/06* ( 2006.01 )  
*B27N 3/20* ( 2006.01 )  
*B27N 7/00* ( 2006.01 )  
 (87) WO2017/081008  
 (31) 20 2015 007 762.5 (32) 10.11.15 (33) DE  
 (43) 18.05.2017  
 (44) 19.08.2021  
 (72) Espe, Rolf  
 (74) FB Rice Pty Ltd

(71) Huygens AS  
 (11) AU-B-2017248082  
 (21) 2017248082 (22) 07.04.2017  
 (54) A core drilling system and method for obtaining an orientated rock core sample using said core drilling system  
 (51) Int. Cl.  
*E21B 25/16* ( 2006.01 )  
*E21B 17/06* ( 2006.01 )  
 (87) WO2017/176127  
 (31) 20160580 (32) 08.04.16 (33) NO  
 20161581 30.09.16 NO  
 (43) 12.10.2017  
 (44) 19.08.2021  
 (72) Borg, Eirik  
 (74) Michael Buck IP

(71) HysensBio  
 (11) AU-B-2019265168  
 (21) 2019265168 (22) 17.04.2019  
 (54) Oral care composition for alleviation of dentine hyperesthesia  
 (51) Int. Cl.  
*A61K 8/64* ( 2006.01 )  
*A61K 8/34* ( 2006.01 )  
*A61K 8/49* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
 (87) WO2019/216567  
 (31) 10-2018-0053012 (32) 09.05.18 (33) KR  
 (43) 14.11.2019  
 (44) 19.08.2021  
 (72) PARK, Joo Hwang; LEE, Ji Hyun  
 (74) Madderns Pty Ltd

(71) ICON Health & Fitness, Inc.  
 (11) AU-B-2018378967  
 (21) 2018378967 (22) 07.12.2018  
 (54) Systems and methods for selectively rotationally fixing a pedaled drivetrain  
 (51) Int. Cl.  
*A63B 22/06* ( 2006.01 )  
*A63B 21/00* ( 2006.01 )  
 (87) WO2019/113521  
 (31) 62/596,815 (32) 09.12.17 (33) US  
 62/609,718 22.12.17 US  
 (43) 13.06.2019  
 (44) 19.08.2021  
 (72) WROBEL, David  
 (74) AJ PARK

Applications Accepted - Name Index cont'd

(71) IHI Corporation	PCT/	15.10.18	US	<b>C07K 7/06</b> ( 2006.01 )	
(11) AU-B-2018413755	US2018/055881			<b>C07K 7/08</b> ( 2006.01 )	
(21) 2018413755	(22) 26.09.2018	16/407,149	08.05.19	US	<b>C07K 14/00</b> ( 2006.01 )
(54) Cooling system		16/160,903	15.10.18	US	(87) WO2017/174645
(51) Int. Cl.		16/160,986	15.10.18	US	(31) 62/319,141 (32) 06.04.16 (33) US
<b>F25B 9/00</b> ( 2006.01 )		16/160,968	15.10.18	US	1605872.9 06.04.16 GB
(87) WO2019/187231		(43) 30.04.2020			(43) 12.10.2017
(31) 2018-070008	(32) 30.03.18 (33) JP	(44) 19.08.2021			(44) 19.08.2021
(43) 17.10.2019		(72) Gao, Hong; Farh, Kai-How; Reddy			(72) Mahr, Andrea; Weinschenk, Toni;
(44) 19.08.2021		Padigepati, Samskruthi			Wiebe, Anita; Schoor, Oliver; Fritsche,
(72) Sawa, Kimihiro; Noma, Hiromichi;		(74) Shelston IP Pty Ltd.			Jens; Singh, Harpreet
Yamamoto, Taiga					(74) Phillips Ormonde Fitzpatrick
(74) Davies Collison Cave Pty Ltd					
<hr/>					
(71) Illumina, Inc.		(71) Illumina Cambridge Limited		(71) Immunocore Limited	
(11) AU-B-2019205496		(11) AU-B-2015270298		(11) AU-B-2016375994	
(21) 2019205496	(22) 07.01.2019	(21) 2015270298	(22) 02.06.2015	(21) 2016375994	(22) 22.12.2016
(54) High-throughput sequencing with semi-conductor-based detection		(54) Methods of reducing density-dependent GC bias in amplification		(54) T cell receptors specific for the NY-ESO-1 tumor antigen-HLA-A*02 complex	
(51) Int. Cl.		(51) Int. Cl.		(51) Int. Cl.	
<b>G01N 21/64</b> ( 2006.01 )		<b>C12Q 1/68</b> ( 2006.01 )		<b>C07K 14/725</b> ( 2006.01 )	
<b>B01L 3/00</b> ( 2006.01 )		(87) WO2015/185916		<b>A61K 39/00</b> ( 2006.01 )	
<b>C12Q 1/68</b> ( 2018.01 )		(31) 1409777.8	(32) 02.06.14 (33) GB	<b>A61P 35/00</b> ( 2006.01 )	
<b>C40B 30/04</b> ( 2006.01 )		(43) 10.12.2015		<b>C07K 14/47</b> ( 2006.01 )	
<b>C40B 50/14</b> ( 2006.01 )		(44) 19.08.2021		<b>C12N 5/0783</b> ( 2010.01 )	
<b>H01L 27/146</b> ( 2006.01 )		(72) Boutell, Jonathan Mark; Shanahan, Susan; Rigatti, Roberto		(87) WO2017/109496	
<b>G01N 21/76</b> ( 2006.01 )		(74) WRAYS PTY LTD		(31) 1522592.3	(32) 22.12.15 (33) GB
(87) WO2019/136376				(43) 29.06.2017	
(31) 2020758	(32) 12.04.18 (33) NL	(71) Illumina Cambridge Limited		(44) 19.08.2021	
62/614,930	08.01.18	(11) AU-B-2015273218		(72) Chester, Fiona; Knox, Andrew Alexander; Lowther, Jonathan Patrick; Patel, Viren Vinubhai; Baston, Emma Elizabeth; Hague, Ruth Martinez	
62/614,934	08.01.18	(21) 2015273218	(22) 11.06.2015	(74) FB Rice Pty Ltd	
(43) 11.07.2019		(54) Methods for estimating cluster numbers			
(44) 19.08.2021		(51) Int. Cl.			
(72) Dehlinger, Dietrich; Agah, Ali; Fung, Tracy Helen; Kostem, Emrah		<b>C12Q 1/68</b> ( 2006.01 )			
(74) Shelston IP Pty Ltd.		(87) WO2015/189621			
<hr/>					
(71) Illumina, Inc.		(31) 1410420.2	(32) 11.06.14 (33) GB	(71) Immunomedics, Inc.	
(11) AU-B-2019222685		(43) 17.12.2015		(11) AU-B-2016285853	
(21) 2019222685	(22) 13.02.2019	(44) 19.08.2021		(21) 2016285853	(22) 29.06.2016
(54) Labeled nucleotides and uses thereof		(72) Rasolonjatovo, Isabelle Marie Julia; Boutell, Jonathan Mark; Smith, Vincent Peter; Rigatti, Roberto		(54) Antibody-sn-38 immunconjugates with a cI2a linker	
(51) Int. Cl.		(74) WRAYS PTY LTD		(51) Int. Cl.	
<b>C07H 19/00</b> ( 2006.01 )				<b>C07D 491/22</b> ( 2006.01 )	
<b>G01N 27/26</b> ( 2006.01 )		(71) Immatrics Biotechnologies GmbH		<b>A61K 31/4745</b> ( 2006.01 )	
<b>G01N 33/483</b> ( 2006.01 )		(11) AU-B-2017219851		<b>A61K 45/06</b> ( 2006.01 )	
(87) WO2019/160937		(21) 2017219851	(22) 17.02.2017	(87) WO2017/004144	
(31) 62/710,465	(32) 16.02.18 (33) US	(54) Novel peptides and combination of peptides for use in immunotherapy against NHL and other cancers		(31) 15/161,806	(32) 23.05.16 (33) US
(43) 22.08.2019		(51) Int. Cl.		14/789,375	01.07.15
(44) 19.08.2021		<b>C07K 14/47</b> ( 2006.01 )		(43) 05.01.2017	
(72) Mandell, Jeffrey; Barnard, Steven; Moon, John; Rogert Bacigalupo, Maria Candelaria		(87) WO2017/140897		(44) 19.08.2021	
(74) WRAYS PTY LTD		(31) 1602918.3	(32) 19.02.16 (33) GB	(72) Govindan, Serengulam V.; Gale, Jonathan B.; Holman, Nicholas J.; Goldenberg, David M.	
<hr/>					
(71) Illumina, Inc.		62/297,495	19.02.16	(74) FPA Patent Attorneys Pty Ltd	
(11) AU-B-2019272062		(43) 24.08.2017			
(21) 2019272062	(22) 09.05.2019	(44) 19.08.2021		(71) Impetis Biosciences Ltd.	
(54) Deep learning-based techniques for pre-training deep convolutional neural networks		(72) Schoor, Oliver; Mahr, Andrea; Weinschenk, Toni; Wiebe, Anita; Fritsche, Jens; Singh, Harpreet		(11) AU-B-2018389313	
(51) Int. Cl.		(74) Phillips Ormonde Fitzpatrick		(21) 2018389313	(22) 19.12.2018
<b>G06K 9/62</b> ( 2006.01 )				(54) Pharmaceutical composition for the treatment of cancer	
<b>G06N 3/08</b> ( 2006.01 )		(71) Immatrics Biotechnologies GmbH		(51) Int. Cl.	
(87) WO2020/081122		(11) AU-B-2017247607		<b>A61K 31/519</b> ( 2006.01 )	
(31) PCT/	(32) 15.10.18 (33) US	(21) 2017247607	(22) 05.04.2017	<b>A61K 31/522</b> ( 2006.01 )	
US2018/055840		(54) Novel peptides and combination of peptides for use in immunotherapy against AML and other cancers		<b>A61P 35/00</b> ( 2006.01 )	
PCT/	15.10.18	(51) Int. Cl.		(87) WO2019/123482	
US2018/055878				(31) 201721045727	(32) 19.12.17 (33) IN
				201721045726	19.12.17
				201721045725	19.12.17
				(43) 27.06.2019	IN

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) MOOKHTIAR, Kasim; BASU, Sujay;  
 ROUDURI, Sreekanth; MERU, Ashwin  
 (74) Spruson & Ferguson

(71) Indiana University Research and Technology Corporation; Cunha De Almeida, R.

(11) AU-B-2016233426  
 (21) 2016233426 (22) 14.03.2016

(54) Targeting cGMP-related phosphodiesterases to reduce cyst formation in cystic kidney disease, and related materials and methods

(51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )

(87) WO2016/149218  
 (31) 62/132,724 (32) 13.03.15 (33) US

(43) 22.09.2016  
 (44) 19.08.2021  
 (72) Cunha De Almeida, Rita Maria; Bacallao, Robert; Clendenon, Sherry G.; Glazier, James A.  
 (74) Spruson & Ferguson

(71) Indivior UK Limited  
 (11) AU-B-2018283724  
 (21) 2018283724 (22) 15.06.2018

(54) Methods to treat opioid use disorder

(51) Int. Cl.  
**A61K 31/485** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61P 25/36** ( 2006.01 )

(87) WO2018/229551  
 (31) 62/521,121 (32) 16.06.17 (33) US  
 62/572,331 13.10.17 US  
 62/572,996 16.10.17 US  
 62/680,935 05.06.18 US  
 62/656,216 11.04.18 US  
 62/632,995 20.02.18 US  
 62/598,338 13.12.17 US

(43) 20.12.2018  
 (44) 19.08.2021  
 (72) Laffont, Celine, M.; Young, Malcolm, A.; Fox, Norma, L.; Haight, Barbara, R.; Learned, Susan, M.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Innova Patent GmbH  
 (11) AU-B-2019248760  
 (21) 2019248760 (22) 02.04.2019

(54) Vertical conveyor

(51) Int. Cl.  
**B65G 17/12** ( 2006.01 )

(87) WO2019/192983  
 (31) A50275/2018 (32) 04.04.18 (33) AT  
 (43) 10.10.2019  
 (44) 19.08.2021  
 (72) SANDHOLZER, Udo; BERCHTOLD, Thomas  
 (74) FB Rice Pty Ltd

(71) Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd

(11) AU-B-2017437650  
 (21) 2017437650 (22) 21.12.2017

(54) Fast query method for dynamic location information of mobile network entities

(51) Int. Cl.  
**H04W 8/02** ( 2009.01 )

(87) WO2019/085225  
 (31) 201711038593.0 (32) 30.10.17 (33) CN

(43) 09.05.2019  
 (44) 19.08.2021  
 (72) WANG, Jinlin; CHEN, Jun; CHENG, Gang; YE, Xiaozhou; DENG, Haojiang; WANG, Lingfang; QI, Weining  
 (74) Madderns Pty Ltd

(71) Intarcia Therapeutics, Inc.

(11) AU-B-2020201358  
 (21) 2020201358 (22) 25.02.2020

(54) Glucagon-receptor selective peptides and methods of use thereof

(51) Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )

(43) 12.03.2020  
 (44) 19.08.2021  
 (62) 2017268161  
 (72) BLACKWELL, William; SRIVASTAVA, Ved P.; PAULIK, Mark A.; YOUNG, Andrew  
 (74) FB Rice Pty Ltd

(71) Intervet International B.V.

(11) AU-B-2020277165  
 (21) 2020277165 (22) 25.11.2020

(54) Feline calicivirus vaccine

(51) Int. Cl.  
**C07K 14/08** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
**C12N 7/04** ( 2006.01 )

(43) 24.12.2020  
 (44) 19.08.2021  
 (62) 2016378486  
 (72) Shehu, Erald; Bhogle, Amrut Shridhar  
 (74) Spruson & Ferguson

(71) Intuit Inc.

(11) AU-B-2019355760  
 (21) 2019355760 (22) 26.07.2019

(54) Homomorphic key derivation

(51) Int. Cl.  
**H04L 9/00** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )

(87) WO2020/072119  
 (31) 16/153,414 (32) 05.10.18 (33) US

(43) 09.04.2020  
 (44) 19.08.2021  
 (72) KESELMAN, Gleb; SHEFFER, Yaron; ROSEN, Alon  
 (74) Davies Collison Cave Pty Ltd

(71) Inventiva

(11) AU-B-2018249675  
 (21) 2018249675 (22) 06.04.2018

(54) New compounds inhibitors of the YAP/TAZ-TEAD interaction and their use in the treatment of malignant mesothelioma.

(51) Int. Cl.  
**C07D 417/12** ( 2006.01 )  
**A61K 31/425** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 275/06** ( 2006.01 )  
**C07F 5/02** ( 2006.01 )

(87) WO2018/185266  
 (31) 17305410.7 (32) 06.04.17 (33) EP

(43) 11.10.2018  
 (44) 19.08.2021  
 (72) Barth, Martine; Contal, Sylvie; Junien, Jean-Louis; Massardier, Christine; Montalbetti, Christian; Soude, Anne  
 (74) Allens Patent & Trade Mark Attorneys

(71) iRobot Corporation

(11) AU-B-2017215197  
 (21) 2017215197 (22) 01.02.2017

(54) Blade assembly for a grass cutting mobile robot

(51) Int. Cl.  
**A01D 34/00** ( 2006.01 )  
**A01B 69/04** ( 2006.01 )  
**A01D 34/63** ( 2006.01 )  
**A01D 34/68** ( 2006.01 )  
**G05B 15/00** ( 2006.01 )

(87) WO2017/136443  
 (31) 15/013,253 (32) 02.02.16 (33) US

(43) 10.08.2017  
 (44) 19.08.2021  
 (72) Doughty, Brian  
 (74) Davies Collison Cave Pty Ltd

(71) Isofol Medical AB

(11) AU-B-2018220861  
 (21) 2018220861 (22) 09.02.2018

(54) Methods for increasing blood plasma 2'-deoxyuridine (dUrd) and thymidylate synthase inhibition

(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 31/4745** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/555** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

(87) WO2018/150264  
 (31) 62/458,868 (32) 14.02.17 (33) US

(43) 23.08.2018  
 (44) 19.08.2021  
 (72) Carlsson, Göran U.; Gustavsson, Bengt; Odin, Elisabeth; Wettergren, Yvonne; Vedin, Anders  
 (74) AJ PARK

(71) IsoLynx, LLC

(11) AU-B-2021202136  
 (21) 2021202136 (22) 07.04.2021

(54) OBJECT TRACKING SYSTEM OPTIMIZATION AND OPTIMIZERS

(51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06T 7/20** ( 2017.01 )

(43) 06.05.2021

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (62) 2019229392  
 (72) DEANGELIS, Douglas J.; EVANSEN, Edward G.; REILLY, Gerard M.; RHODES, Brian D.; GAUDREAU, Joseph M.; SIGEL, Kirk M.; FARKAS, Alexander T.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**Iwanowicz, E. see Nanjing Gator Meditech Company, Ltd.**  
 (21) 2017310529

(71) Jadi Cell LLC  
 (11) AU-B-2016270679  
 (21) 2016270679 (22) 31.05.2016  
 (54) Particulate lyophilized platelet lysate compositions  
 (51) Int. Cl.  
**A61P 17/02** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2016/196515  
 (31) 62/168,516 (32) 29.05.15 (33) US  
 (43) 08.12.2016  
 (44) 19.08.2021  
 (72) Patel, Amit  
 (74) FB Rice Pty Ltd

(71) Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven  
 (11) AU-B-2018246301  
 (21) 2018246301 (22) 29.03.2018  
 (54) Substituted indoline derivatives as dengue viral replication inhibitors  
 (51) Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
 (87) WO2018/178240  
 (31) 17164048.5 (32) 31.03.17 (33) EP  
 (43) 04.10.2018  
 (44) 19.08.2021  
 (72) Kesteleyn, Bart Rudolf Romanie; Bonfanti, Jean-François; Coesemans, Erwin; Raboisson, Pierre Jean-Marie Bernard; Marchand, Arnaud Didier M; Bardiot, Dorothee Alice Marie-Eve  
 (74) Shelston IP Pty Ltd.

**Jinan University see Shanghai Institute of Materia Medica, Chinese Academy of Sciences**  
 (21) 2019241374

**JINKO SOLAR CO., LTD. see ZHEJIANG JINKOSOLAR CO.,LTD.**  
 (21) 2020277115

(71) JJ Gaming S.R.L.  
 (11) AU-B-2016264994  
 (21) 2016264994 (22) 18.05.2016

(54) Game device equipped with modified cylinder for autonomously managing a favourable event  
 (51) Int. Cl.  
**A63F 5/00** ( 2006.01 )  
 (87) WO2016/185501  
 (31) UB2015A000749 (32) 19.05.15 (33) IT  
 (43) 24.11.2016  
 (44) 19.08.2021  
 (72) Conte, Pierangelo; Toini, Bruno; Toini, Christian  
 (74) Alder IP Pty Ltd

(71) Johnson & Johnson Consumer Inc.  
 (11) AU-B-2016206278  
 (21) 2016206278 (22) 20.07.2016  
 (54) Topical delivery of skin compositions having low pH  
 (51) Int. Cl.  
**A61Q 19/08** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
**A61K 8/60** ( 2006.01 )  
**A61K 8/64** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 31/715** ( 2006.01 )  
**A61K 31/726** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
 (31) 14/806,699 (32) 23.07.15 (33) US  
 (43) 09.02.2017  
 (44) 19.08.2021  
 (72) Brillouet, Anne-Sophie; Dufort, Marisa DeVita; Fassih, Ali; Garcia, Devin L.; Hu, Ya-Ping; Li, Wen-Hwa Ting; Parsa, Ramine; Paturi, Jyotsna; Rossetti, Diane; Sun, Ying; Wangari-Talbot, Janet; Yates, Robert Wayne  
 (74) Shelston IP Pty Ltd.

(71) Johnson & Johnson Consumer Inc.  
 (11) AU-B-2016307932  
 (21) 2016307932 (22) 11.08.2016  
 (54) Compositions including Ampelopsis grossedentata and Albizia julibrissin extracts and methods of use  
 (51) Int. Cl.  
**A61Q 19/08** ( 2006.01 )  
**A61K 8/97** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61K 36/87** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2017/030898  
 (31) 14/863,629 (32) 24.09.15 (33) US  
 14/863,660 24.09.15 US  
 14/863,573 24.09.15 US  
 14/863,600 24.09.15 US  
 201510500612.1 14.08.15 CN  
 (43) 23.02.2017  
 (44) 19.08.2021  
 (72) Du, Hua; Li, Yan; Liu, Tao; Ma, Yingxin  
 (74) Shelston IP Pty Ltd.

(71) Johnson & Johnson Consumer Inc.  
 (11) AU-B-2016307932  
 (21) 2016307932 (22) 11.08.2016  
 (54) Compositions including Ampelopsis grossedentata and Albizia julibrissin extracts and methods of use  
 (51) Int. Cl.  
**A61Q 19/08** ( 2006.01 )  
**A61K 8/97** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61K 36/87** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2017/030898  
 (31) 14/863,629 (32) 24.09.15 (33) US  
 14/863,660 24.09.15 US  
 14/863,573 24.09.15 US  
 14/863,600 24.09.15 US  
 201510500612.1 14.08.15 CN  
 (43) 23.02.2017  
 (44) 19.08.2021  
 (72) Du, Hua; Li, Yan; Liu, Tao; Ma, Yingxin  
 (74) Shelston IP Pty Ltd.

(71) Johnson & Johnson Vision Care, Inc.  
 (11) AU-B-2017293337  
 (21) 2017293337 (22) 13.06.2017  
 (54) Silicone hydrogels comprising polyamides  
 (51) Int. Cl.

(71) Johnson & Johnson Vision Care, Inc.  
 (11) AU-B-2017293337  
 (21) 2017293337 (22) 13.06.2017  
 (54) Silicone hydrogels comprising polyamides  
 (51) Int. Cl.

**C08L 51/08** ( 2006.01 )  
**C08F 290/06** ( 2006.01 )  
**C08G 77/442** ( 2006.01 )  
**G02B 1/04** ( 2006.01 )  
 (87) WO2018/009311  
 (31) 15/609,074 (32) 31.05.17 (33) US  
 62/358,949 06.07.16 US  
 (43) 11.01.2018  
 (44) 19.08.2021  
 (72) Alli, Azaam; Guzman, Alexander  
 (74) Spruson & Ferguson

(71) John Zink Company, LLC  
 (11) AU-B-2016379435  
 (21) 2016379435 (22) 23.12.2016  
 (54) Staged steam injection system  
 (51) Int. Cl.  
**F23G 7/08** ( 2006.01 )  
**F23L 7/00** ( 2006.01 )  
**F23L 17/16** ( 2006.01 )  
 (87) WO2017/112927  
 (31) 62/387,147 (32) 23.12.15 (33) US  
 62/343,342 31.05.16 US  
 62/343,362 31.05.16 US  
 (43) 29.06.2017  
 (44) 19.08.2021  
 (72) Bussman, Wesley Ryan; Franklin, James Charles; Knott, Dennis Lee; White, Jeff William  
 (74) Phillips Ormonde Fitzpatrick

(71) JSP Limited  
 (11) AU-B-2019363349  
 (21) 2019363349 (22) 04.10.2019  
 (54) Visor carrier assembly  
 (51) Int. Cl.  
**A42B 3/22** ( 2006.01 )  
 (87) WO2020/079397  
 (31) 1816840.1 (32) 16.10.18 (33) GB  
 1913836.1 25.09.19 GB  
 (43) 23.04.2020  
 (44) 19.08.2021  
 (72) SANDERS, Stephen; WYLD, Jack; JOHNSTONE, Clive  
 (74) Chrysiliou IP

(71) Juno Therapeutics, Inc.  
 (11) AU-B-2015249554  
 (21) 2015249554 (22) 23.04.2015  
 (54) Methods for isolating, culturing, and genetically engineering immune cell populations for adoptive therapy  
 (51) Int. Cl.  
**C12N 5/0781** ( 2010.01 )  
**C12N 5/0783** ( 2010.01 )  
 (87) WO2015/164675  
 (31) 61/983,415 (32) 23.04.14 (33) US  
 (43) 29.10.2015  
 (44) 19.08.2021  
 (72) Ramsborg, Chris; Bonyhadi, Mark L.; Chan, Calvin; Beauchesne, Pascal  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

**Katholieke Universiteit Leuven see Janssen Pharmaceuticals, Inc.**  
 (21) 2018246301

Applications Accepted - Name Index cont'd

---

(71) Kerastem Technologies LLC  
 (11) AU-B-2016215581  
 (21) 2016215581 (22) 01.02.2016  
 (54) Novel methods and devices to stimulate the follicular niche using adipose derived regenerative cells and adipose tissue  
 (51) Int. Cl.  
**A61K 35/28** ( 2006.01 )  
**A61K 35/19** ( 2015.01 )  
**A61P 17/14** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
 (87) WO2016/126588  
 (31) 14/611,898 (32) 02.02.15 (33) US  
 (43) 11.08.2016  
 (44) 19.08.2021  
 (72) Conlan, Bradford A.; Daniels, Eric  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2015410635  
 (21) 2015410635 (22) 29.09.2015  
 (54) Synergistic composition for maintenance of healthy balance of microflora  
 (51) Int. Cl.  
**A61K 31/7004** ( 2006.01 )  
**A61K 31/194** ( 2006.01 )  
**A61K 31/70** ( 2006.01 )  
**A61K 31/7016** ( 2006.01 )  
**A61K 31/724** ( 2006.01 )  
**A61P 15/02** ( 2006.01 )  
 (87) WO2017/058175  
 (43) 06.04.2017  
 (44) 19.08.2021  
 (72) Li, Jingru; Peed, Lindsay Adrienne; Joyner, Cheryce Francina; Vongsa, Rebecca Ann; Koenig, David William; Bartell, Ryan Daniel; Anunson, Paige Nicole  
 (74) Spruson & Ferguson

---

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2017262479  
 (21) 2017262479 (22) 21.04.2017  
 (54) Patterned tissue product  
 (51) Int. Cl.  
**D21H 27/02** ( 2006.01 )  
**A47K 10/16** ( 2006.01 )  
**B31F 1/07** ( 2006.01 )  
**B31F 1/36** ( 2006.01 )  
**D21H 27/00** ( 2006.01 )  
**D21H 27/40** ( 2006.01 )  
 (87) WO2017/196516  
 (31) 62/333,529 (32) 09.05.16 (33) US  
 (43) 16.11.2017  
 (44) 19.08.2021  
 (72) Vogt, Kevin Joseph; Allen, Peter John; Holz, Jeffrey Dean; Logut, Tara Marie; Krautkramer, Robert Eugene; Nelson, Samuel August  
 (74) Spruson & Ferguson

---

(71) Koninklijke Philips N.V.  
 (11) AU-B-2016269629  
 (21) 2016269629 (22) 26.05.2016

(54) Safety improvements for UV radiation in aquatic applications  
 (51) Int. Cl.  
**B08B 7/00** ( 2006.01 )  
**B63B 59/08** ( 2006.01 )  
**H01M 6/34** ( 2006.01 )  
 (87) WO2016/193114  
 (31) 15170616.5 (32) 03.06.15 (33) EP  
 (43) 08.12.2016  
 (44) 19.08.2021  
 (72) Salters, Bart Andre; Hietbrink, Roelant Boudewijn  
 (74) FB Rice Pty Ltd

---

(71) Kuster, M.  
 (11) AU-B-2017271387  
 (21) 2017271387 (22) 25.05.2017  
 (54) Enhanced intrauterine device  
 (51) Int. Cl.  
**A61F 6/14** ( 2006.01 )  
 (87) WO2017/203470  
 (31) 62/341,326 (32) 25.05.16 (33) US  
 (43) 30.11.2017  
 (44) 19.08.2021  
 (72) Kuster, Martin  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Kvadrat Soft Cells A/S  
 (11) AU-B-2016413696  
 (21) 2016413696 (22) 08.07.2016  
 (54) Panel for a suspended ceiling or the like and method of mounting a fabric on a frame of a suspended ceiling or the like  
 (51) Int. Cl.  
**E04B 9/30** ( 2006.01 )  
**E04B 9/04** ( 2006.01 )  
 (87) WO2018/007856  
 (43) 11.01.2018  
 (44) 19.08.2021  
 (72) Nielsen, Jesper  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Lantheus Medical Imaging, Inc.  
 (11) AU-B-2014410198  
 (21) 2014410198 (22) 30.10.2014  
 (54) Lipid encapsulated gas microsphere compositions and related methods  
 (51) Int. Cl.  
**A61K 49/04** ( 2006.01 )  
**A61K 49/08** ( 2006.01 )  
**A61K 49/12** ( 2006.01 )  
 (87) WO2016/068961  
 (43) 06.05.2016  
 (44) 19.08.2021  
 (72) Robinson, Simon P.; Nguyen, Nhung Tuyet; Siegler, Robert W.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) LaserBond Limited  
 (11) AU-B-2015336950  
 (21) 2015336950 (22) 26.10.2015  
 (54) Method and apparatus for cladding a surface of an article  
 (51) Int. Cl.  
**C23C 14/28** ( 2006.01 )

**C23C 14/54** ( 2006.01 )  
**C23C 28/02** ( 2006.01 )  
**E21B 4/14** ( 2006.01 )  
 (87) WO2016/061636  
 (31) 2014904263 (32) 24.10.14 (33) AU  
 2014904262 24.10.14 AU  
 (43) 28.04.2016  
 (44) 19.08.2021  
 (72) Hooper, Gregory  
 (74) Shelston IP Pty Ltd.

---

(71) Leibniz-Institut Für Polymerforschung Dresden E. V.  
 (11) AU-B-2017247367  
 (21) 2017247367 (22) 04.04.2017  
 (54) Polymer-based material having covalently bonded, enzymatically degradable peptide sequences  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
 (87) WO2017/174071  
 (31) 16163667.5 (32) 04.04.16 (33) EP  
 (43) 12.10.2017  
 (44) 19.08.2021  
 (72) Tsurkan, Mikhail; Teichmann, Juliane; Werner, Carsten  
 (74) Shelston IP Pty Ltd.

---

(71) LG Electronics Inc.  
 (11) AU-B-2018215766  
 (21) 2018215766 (22) 01.02.2018  
 (54) Refrigerator for vehicle and vehicle  
 (51) Int. Cl.  
**B60N 3/10** ( 2006.01 )  
**B60H 1/00** ( 2006.01 )  
**B60N 2/75** ( 2018.01 )  
 (87) WO2018/143693  
 (31) 10-2017-0014982 (32) 02.02.17 (33) KR  
 (43) 09.08.2018  
 (44) 19.08.2021  
 (72) Jung, Wonyeong; Kim, Daewoong  
 (74) Dentons Patent Attorneys Australasia Limited

---

(71) LG Electronics Inc.  
 (11) AU-B-2018222446  
 (21) 2018222446 (22) 19.02.2018  
 (54) Knob assembly and cooking apparatus including same  
 (51) Int. Cl.  
**F24C 3/12** ( 2006.01 )  
**F16K 31/44** ( 2006.01 )  
**F16K 37/00** ( 2006.01 )  
**F24C 7/08** ( 2006.01 )  
**G01D 5/02** ( 2006.01 )  
**G01D 5/14** ( 2006.01 )  
**H01H 19/14** ( 2006.01 )  
 (87) WO2018/151571  
 (31) 10-2017-0021878 (32) 17.02.17 (33) KR  
 10-2017-0094807 26.07.17 KR  
 10-2017-0167071 06.12.17 KR  
 (43) 23.08.2018  
 (44) 19.08.2021  
 (72) Ha, Yeonsik  
 (74) Dentons Patent Attorneys Australasia Limited



Applications Accepted - Name Index cont'd

(71) LG Electronics Inc.  
 (11) AU-B-2018313596  
 (21) 2018313596 (22) 07.08.2018  
 (54) Cleaner  
 (51) Int. Cl.  
     A47L 11/40 ( 2006.01 )  
     A47L 11/16 ( 2006.01 )  
 (87) WO2019/031795  
 (31) 10-2017-0099754 (32) 07.08.17 (33) KR  
 (43) 14.02.2019  
 (44) 19.08.2021  
 (72) JANG, Jaewon; LEE, Minwoo  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2019210641  
 (21) 2019210641 (22) 02.08.2019  
 (54) Lawn mower robot, system of lawn mower robot and control method of lawn mower robot system  
 (51) Int. Cl.  
     A01D 34/00 ( 2006.01 )  
 (31) 62/714,088 (32) 03.08.18 (33) US  
     62/714,746 05.08.18 US  
     10-2019-0012994 31.01.19 KR  
 (43) 20.02.2020  
 (44) 19.08.2021  
 (72) KO, Kyongsuk; LEE, Sungwook; LEE, Hyungsub; CHOI, Koh  
 (74) Griffith Hack

(71) LG Electronics Inc.  
 (11) AU-B-2020200741  
 (21) 2020200741 (22) 31.01.2020  
 (54) Laundry treating apparatus  
 (51) Int. Cl.  
     D06F 39/02 ( 2006.01 )  
 (31) 10-2019-0013883 (32) 01.02.19 (33) KR  
 (43) 20.08.2020  
 (44) 19.08.2021  
 (72) LEE, Kilryong; KWON, Yongwoo; SUH, Bokyung  
 (74) FB Rice Pty Ltd

(71) LifeStyles Healthcare Pte. Ltd.  
 (11) AU-B-2016374641  
 (21) 2016374641 (22) 25.11.2016  
 (54) Coated condom  
 (51) Int. Cl.  
     A61F 6/04 ( 2006.01 )  
     B29L 31/00 ( 2006.01 )  
 (87) WO2017/106897  
 (31) 14/976,543 (32) 21.12.15 (33) US  
 (43) 29.06.2017  
 (44) 19.08.2021  
 (72) Nguyen, KC; Pattanapradit, Utain; Ngowprasert, Chayapon; Pongthanomsak, Chayaporn  
 (74) Dark IP

(71) Lubrizol Advanced Materials, Inc.  
 (11) AU-B-2017241749  
 (21) 2017241749 (22) 28.03.2017  
 (54) Thermoplastic polyurethane compositions for solid freeform fabrication of oral care and medical devices and components

(51) Int. Cl.  
     C08G 18/48 ( 2006.01 )  
     C08G 18/08 ( 2006.01 )  
     C08G 18/66 ( 2006.01 )  
     C08G 18/72 ( 2006.01 )  
     C08G 18/76 ( 2006.01 )  
 (87) WO2017/172740  
 (31) 62/315,905 (32) 31.03.16 (33) US  
 (43) 05.10.2017  
 (44) 19.08.2021  
 (72) Green, Jennifer; Cox, John M.; Vontorcik Jr., Joseph J.; Morgan, Barbara  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Lungpacer Medical Inc.  
 (11) AU-B-2019283933  
 (21) 2019283933 (22) 19.12.2019  
 (54) Apparatus and methods for assisted breathing by transvascular nerve stimulation  
 (51) Int. Cl.  
     A61M 25/14 ( 2006.01 )  
     A61N 1/04 ( 2006.01 )  
     A61N 1/36 ( 2006.01 )  
 (43) 23.01.2020  
 (44) 19.08.2021  
 (62) 2014351473  
 (72) Thakkar, Viral; Hoffer, Joaquin Andres; Tran, Bao Dung; Evans, Douglas; Nash, John; Reynolds, Steven Campbell  
 (74) FB Rice Pty Ltd

(71) Magic Leap, Inc.  
 (11) AU-B-2016262576  
 (21) 2016262576 (22) 14.05.2016  
 (54) Privacy-sensitive consumer cameras coupled to augmented reality systems  
 (51) Int. Cl.  
     A63F 13/00 ( 2006.01 )  
     A63F 13/25 ( 2014.01 )  
     A63G 31/00 ( 2006.01 )  
     A63G 31/16 ( 2006.01 )  
     G02B 27/01 ( 2006.01 )  
     G06T 13/00 ( 2006.01 )  
 (87) WO2016/183538  
 (31) 62/161,665 (32) 14.05.15 (33) US  
 (43) 17.11.2016  
 (44) 19.08.2021  
 (72) Bradski, Gary R.  
 (74) Davies Collison Cave Pty Ltd

(71) Magic Leap, Inc.  
 (11) AU-B-2017348084  
 (21) 2017348084 (22) 25.10.2017  
 (54) Outcoupling grating for augmented reality system  
 (51) Int. Cl.  
     G02B 6/00 ( 2006.01 )  
     F21V 8/00 ( 2006.01 )  
     G02B 6/12 ( 2006.01 )  
     G02F 1/136 ( 2006.01 )  
 (87) WO2018/081305  
 (31) 62/413,288 (32) 26.10.16 (33) US  
 (43) 03.05.2018  
 (44) 19.08.2021  
 (72) Tekolste, Robert D.; Liu, Victor K.  
 (74) Davies Collison Cave Pty Ltd

---

Massachusetts Institute of Technology see The Broad Institute, Inc.  
 (21) 2018247306

---

(71) Maxsun (Dalian) Co., Ltd  
 (11) AU-B-2019206123  
 (21) 2019206123 (22) 19.07.2019  
 (54) Safety device regulator  
 (51) Int. Cl.  
     F16K 17/00 ( 2006.01 )  
 (43) 08.08.2019  
 (44) 19.08.2021  
 (62) 2015383583  
 (72) Chung, Hae Goog  
 (74) Shelston IP Pty Ltd.

---

(71) Media Global Links Co., Ltd.  
 (11) AU-B-2017201002  
 (21) 2017201002 (22) 14.02.2017  
 (54) MULTICAST SWITCHING SYSTEM  
 (51) Int. Cl.  
     H04L 29/04 ( 2006.01 )  
     H04N 21/266 ( 2011.01 )  
     H04N 21/6405 ( 2011.01 )  
 (31) 2016-029254 (32) 18.02.16 (33) JP  
     2016-125818 24.06.16 JP  
 (43) 07.09.2017  
 (44) 19.08.2021  
 (72) SHIMIZU, Takeshi; NAKAMURA, Kazunori  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Medical Microinstruments S.p.A.  
 (11) AU-B-2016337029  
 (21) 2016337029 (22) 14.10.2016  
 (54) Surgical tool for robotic surgery and robotic surgical assembly  
 (51) Int. Cl.  
     A61B 34/30 ( 2016.01 )  
     A61B 34/00 ( 2016.01 )  
     A61B 34/37 ( 2016.01 )  
     A61B 90/20 ( 2016.01 )  
     B25J 9/10 ( 2006.01 )  
     B25J 9/16 ( 2006.01 )  
 (87) WO2017/064303  
 (31) 102015000062500 (32) 16.10.15 (33) IT  
 (43) 20.04.2017  
 (44) 19.08.2021  
 (72) Simi, Massimiliano; Prisco, Giuseppe Maria  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Meishan CRRC Brake Science & Technology Co., Ltd.  
 (11) AU-B-2018309117  
 (21) 2018309117 (22) 08.01.2018  
 (54) Connection structure and system of integrated brake device for rail vehicle  
 (51) Int. Cl.  
     B60T 13/24 ( 2006.01 )  
     B60T 17/04 ( 2006.01 )  
     B61H 11/00 ( 2006.01 )  
 (87) WO2019/024439  
 (31) 201710654815.5 (32) 03.08.17 (33) CN

Applications Accepted - Name Index cont'd

- (43) 07.02.2019  
 (44) 19.08.2021  
 (72) Xiao, Bali; Li, Keming; Lv, Chao; Shen, Yanfei; Xie, Lei; An, Hong; Xiao, Weiyuan; Xiao, Chen; Liu, Yi; Yang, Jianping; Shen, Jianhong; Tian, Yu; Wang, Kaien; Zhu, Yu; Liu, Baohua; Liu, Wenjun; Ning, Bo; Xu, Hai; Ou, Dongfang; Li, Moukui  
 (74) Madderns Pty Ltd
- 
- (71) Meishan Shunying Power Battery Materials Co. Ltd  
 (11) AU-B-2019310942  
 (21) 2019310942 (22) 24.06.2019  
 (54) Method for homogeneous precipitation separation of iron and aluminum from laterite nickel ore acid leaching solution  
 (51) Int. Cl.  
 C22B 3/44 ( 2006.01 )  
 C22B 23/00 ( 2006.01 )  
 (87) WO2020/019919  
 (31) 201810816471.8 (32) 24.07.18 (33) CN  
 (43) 30.01.2020  
 (44) 19.08.2021  
 (72) MA, Baozhong; WANG, Chengyan; CHEN, Yongqiang; ZHAO, Lin; DAN, Yong; JIN, Changhao; ZHAO, Peng  
 (74) Armour IP Pty Ltd
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-B-2015349644  
 (21) 2015349644 (22) 23.11.2015  
 (54) Determinants of cancer response to immunotherapy by PD-1 blockade  
 (51) Int. Cl.  
 C07K 16/30 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/39 ( 2006.01 )  
 G01N 33/574 ( 2006.01 )  
 (87) WO2016/081947  
 (31) 62/083,088 (32) 21.11.14 (33) US  
 62/132,381 12.03.15 US  
 (43) 26.05.2016  
 (44) 19.08.2021  
 (72) Chan, Timothy A.; Rizvi, Naiyer A.; Hellman, Matthew D.  
 (74) FB Rice Pty Ltd
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-B-2016249521  
 (21) 2016249521 (22) 18.04.2016  
 (54) Use of MVA or MVADELTA3L as immunotherapeutic agents against solid tumors  
 (51) Int. Cl.  
 A61K 35/76 ( 2006.01 )  
 A61K 39/285 ( 2006.01 )  
 A61K 39/295 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C12N 7/01 ( 2006.01 )  
 (87) WO2016/168862  
 (31) 62/149,484 (32) 17.04.15 (33) US  
 (43) 20.10.2016
- 
- (44) 19.08.2021  
 (72) Deng, Liang; Wolchok, Jedd; Merg-houb, Taha; Shuman, Stewart; Dai, Peihong; Wang, Weiyl  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Mer Mec S.p.A.  
 (11) AU-B-2019338073  
 (21) 2019338073 (22) 02.09.2019  
 (54) Device and method for detecting railway equipment defects  
 (51) Int. Cl.  
 B61L 23/04 ( 2006.01 )  
 B61K 9/08 ( 2006.01 )  
 B61L 25/02 ( 2006.01 )  
 (87) WO2020/053699  
 (31) 10201800008445 (32) 10.09.18 (33) IT  
 (43) 19.03.2020  
 (44) 19.08.2021  
 (72) PERTOSA, Vito  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Merz Pharma GmbH & Co. KGaA  
 (11) AU-B-2016227655  
 (21) 2016227655 (22) 03.03.2016  
 (54) Methods for enhancing the specific uptake of Botulinum neurotoxins into cells  
 (51) Int. Cl.  
 G01N 33/50 ( 2006.01 )  
 (87) WO2016/139308  
 (31) 15157549.5 (32) 04.03.15 (33) EP  
 (43) 09.09.2016  
 (44) 19.08.2021  
 (72) Jatzke, Claudia; Eisele, Karl-Heinz; Mander, Gerd; Fink, Klaus  
 (74) Spruson & Ferguson
- 
- (71) Midea Group Co., Ltd.  
 (11) AU-B-2018381656  
 (21) 2018381656 (22) 26.01.2018  
 (54) Refrigerator icemaking system with tandem storage bins and/or removable dispenser recess  
 (51) Int. Cl.  
 F25C 5/02 ( 2006.01 )  
 (87) WO2019/109495  
 (31) 15/836,035 (32) 08.12.17 (33) US  
 (43) 13.06.2019  
 (44) 19.08.2021  
 (72) SCALF, Eric  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- Midea Group Co., Ltd. see Hefei Midea Refrigerator Co., Ltd.  
 (21) 2019299868
- 
- (71) Minelab Electronics Pty. Limited  
 (11) AU-B-2019268137  
 (21) 2019268137 (22) 21.11.2019  
 (54) AN IMPROVED METAL DETECTOR  
 (51) Int. Cl.  
 G01V 3/08 ( 2006.01 )  
 G01V 3/10 ( 2006.01 )  
 G01V 3/38 ( 2006.01 )  
 G01V 13/00 ( 2006.01 )
- 
- (31) 2018904438 (32) 21.11.18 (33) AU  
 (43) 04.06.2020  
 (44) 19.08.2021  
 (72) Wahrlich, Philip Shane; Huang, Ruifeng  
 (74) Madderns Pty Ltd
- 
- (71) miRdetect GmbH  
 (11) AU-B-2016256581  
 (21) 2016256581 (22) 29.04.2016  
 (54) Detection of nucleic acid molecules  
 (51) Int. Cl.  
 C12Q 1/68 ( 2006.01 )  
 (87) WO2016/174199  
 (31) 10 2015 106 646.7 (32) 29.04.15 (33) DE  
 15195182.9 18.11.15 EP  
 (43) 03.11.2016  
 (44) 19.08.2021  
 (72) Spiekermann, Meike; Winter, Nina; Flor, Inga; Belge, Gazanfer  
 (74) Spruson & Ferguson
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2017444848  
 (21) 2017444848 (22) 25.12.2017  
 (54) Heat exchanger and refrigeration cycle device  
 (51) Int. Cl.  
 F25B 39/02 ( 2006.01 )  
 F28D 1/053 ( 2006.01 )  
 (87) WO2019/130394  
 (43) 04.07.2019  
 (44) 19.08.2021  
 (72) KOMIYA, Yuta; NAKAMURA, Shin; HIGASHIUE, Shinya; ISHIBASHI, Akira; MAEDA, Tsuyoshi; AKAIWA, Ryota  
 (74) Griffith Hack
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2019303114  
 (21) 2019303114 (22) 08.04.2019  
 (54) Facility selection support device and program  
 (51) Int. Cl.  
 H02J 3/14 ( 2006.01 )  
 G06Q 50/06 ( 2012.01 )  
 H02J 13/00 ( 2006.01 )  
 (87) WO2020/012737  
 (31) 2018-131373 (32) 11.07.18 (33) JP  
 (43) 16.01.2020  
 (44) 19.08.2021  
 (72) OTANI, Shinichiro; SATO, Fuyuki; KAWANO, Hiroki; MEGA, Toshihiro  
 (74) Griffith Hack
- 
- (71) Mitsubishi Gas Chemical Company, Inc.; Tohoku Techno Arch Co., Ltd.  
 (11) AU-B-2017209394  
 (21) 2017209394 (22) 13.01.2017  
 (54) Method for manufacturing ionic conductor  
 (51) Int. Cl.  
 H01B 13/00 ( 2006.01 )  
 H01B 1/06 ( 2006.01 )  
 H01M 10/0562 ( 2010.01 )  
 (87) WO2017/126416  
 (31) 2016-007433 (32) 18.01.16 (33) JP

Applications Accepted - Name Index cont'd

2016-007434 18.01.16 JP  
**(43)** 27.07.2017  
**(44)** 19.08.2021  
**(72)** Shimada, Masahiro; Ito, Tomohiro; Katori, Aki; Unemoto, Atsushi; Orimo, Shinichi  
**(74)** FB Rice Pty Ltd

**(71)** Mobidiag Ltd  
**(11)** AU-B-2015366081  
**(21)** 2015366081 **(22)** 18.12.2015  
**(54)** Method for detecting the presence of a hypervirulent Clostridium difficile strain  
**(51)** Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2016/097491  
**(31)** 20146124 **(32)** 19.12.14 **(33)** FI  
**(43)** 23.06.2016  
**(44)** 19.08.2021  
**(72)** Kirveskari, Juha; Kurkela, Jaakko  
**(74)** Spruson & Ferguson

**Monash University see Deakin University**  
**(21)** 2016363672

**(71)** MonoSol, LLC  
**(11)** AU-B-2017212659  
**(21)** 2017212659 **(22)** 27.01.2017  
**(54)** Water soluble film for thermoforming deep-drawn profiles and thermoformed articles comprising same  
**(51)** Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**C11D 17/04** ( 2006.01 )  
**(87)** WO2017/132540  
**(31)** 62/289,179 **(32)** 29.01.16 **(33)** US  
**(43)** 03.08.2017  
**(44)** 19.08.2021  
**(72)** Childers, Jennifer L.; Lee, David M.; Miranda, Nathanael R.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Monsanto Technology LLC  
**(11)** AU-B-2020201208  
**(21)** 2020201208 **(22)** 19.02.2020  
**(54)** PLANT REGULATORY ELEMENTS AND USES THEREOF  
**(51)** Int. Cl.  
**C12N 15/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**(43)** 12.03.2020  
**(44)** 19.08.2021  
**(62)** 2018204578  
**(72)** Petersen, Michael W.; Chittoor, Jaishree M.; Miyamoto, Amy J.; Nichols, Amy M.; Oufattole, Mohammed  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Motorola Solutions, Inc.  
**(11)** AU-B-2019281790  
**(21)** 2019281790 **(22)** 23.05.2019  
**(54)** Method and apparatus to reduce communication device peak current  
**(51)** Int. Cl.

**H02H 9/00** ( 2006.01 )  
**H04B 1/3827** ( 2015.01 )  
**(87)** WO2019/236308  
**(31)** 16/004,210 **(32)** 08.06.18 **(33)** US  
 16/259,436 28.01.19 US  
**(43)** 12.12.2019  
**(44)** 19.08.2021  
**(72)** LEE, Wai Mun; DALI, Muhamad Noorazuan Fakhir Md; BARTELS, Peter J.; IDRUS, Syed Isa Syed; FU, Yee Boon  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Motz Enterprises, Inc.  
**(11)** AU-B-2019204830  
**(21)** 2019204830 **(22)** 04.07.2019  
**(54)** Flexible mat forming system  
**(51)** Int. Cl.  
**B28B 5/10** ( 2006.01 )  
**B28B 23/00** ( 2006.01 )  
**B29C 43/08** ( 2006.01 )  
**(43)** 25.07.2019  
**(44)** 19.08.2021  
**(62)** 2017221392  
**(72)** MOTZ, James G.; MOTZ, Matthew J.  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Namvar, K.  
**(11)** AU-B-2019264540  
**(21)** 2019264540 **(22)** 12.11.2019  
**(54)** Signal Transmission Management in a Multi-Channel System  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2006.01 )  
**H04H 60/07** ( 2008.01 )  
**H04N 7/173** ( 2006.01 )  
**H04H 20/30** ( 2008.01 )  
**H04H 20/33** ( 2008.01 )  
**H04H 60/31** ( 2008.01 )  
**H04H 60/37** ( 2008.01 )  
**H04H 60/66** ( 2008.01 )  
**H04N 7/16** ( 2006.01 )  
**(43)** 06.02.2020  
**(44)** 19.08.2021  
**(62)** 2017208330  
**(72)** Namvar, Kianoush  
**(74)** Kianoush Namvar

**(71)** Nanjing Chervon Industry Co., Ltd.  
**(11)** AU-B-2018398314  
**(21)** 2018398314 **(22)** 26.12.2018  
**(54)** Rideable electric mower  
**(51)** Int. Cl.  
**A01G 3/04** ( 2006.01 )  
**(87)** WO2019/129045  
**(31)** 201810885961.3 **(32)** 06.08.18 **(33)** CN  
 201711457168.5 28.12.17 CN  
**(43)** 04.07.2019  
**(44)** 19.08.2021  
**(72)** LIU, Qian; YAMAOKA, Toshinari; WANG, Zhen; NIE, Fangjie  
**(74)** Madderns Pty Ltd

**(71)** Nanjing Gator Meditech Company, Ltd.; Iwanowicz, E.  
**(11)** AU-B-2017310529  
**(21)** 2017310529 **(22)** 14.08.2017

**(54)** Protein kinase regulators  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2018/031990  
**(31)** 62/374,455 **(32)** 12.08.16 **(33)** US  
**(43)** 15.02.2018  
**(44)** 19.08.2021  
**(72)** Iwanowicz, Edwin J.  
**(74)** Blue Penguin IP Ltd

**(71)** NanoTemper Technologies GmbH  
**(11)** AU-B-2016329504  
**(21)** 2016329504 **(22)** 30.09.2016  
**(54)** System and method for optically measuring the stability and aggregation of particles  
**(51)** Int. Cl.  
**G01N 15/00** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**(87)** WO2017/055583  
**(31)** 15188017.6 **(32)** 01.10.15 **(33)** EP  
**(43)** 06.04.2017  
**(44)** 19.08.2021  
**(72)** Baaske, Philipp; Duhr, Stefan; Breitsprecher, Dennis; Derix, Jonathan  
**(74)** Halfords IP

**(71)** Nantong University  
**(11)** AU-B-2019433418  
**(21)** 2019433418 **(22)** 24.05.2019  
**(54)** Long-chain non-coding RNA and use thereof  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 48/00** ( 2006.01 )  
**(87)** WO2020/181663  
**(31)** 201910187711.7 **(32)** 13.03.19 **(33)** CN  
**(43)** 17.09.2020  
**(44)** 19.08.2021  
**(72)** YU, Bin; YAO, Chun; GU, Xiaosong; YANG, Yumin; LIU, Yan; WU, Jiancheng  
**(74)** Shelston IP Pty Ltd.

**(71)** Natco Pharma Limited  
**(11)** AU-B-2017409559  
**(21)** 2017409559 **(22)** 19.06.2017  
**(54)** An improved process for the preparation of N-(3-ethynylphenyl)-7-methoxy-6-(3-morpholinopropoxy) quinazolin-4-amine dihydrochloride  
**(51)** Int. Cl.  
**C07D 239/94** ( 2006.01 )  
**(87)** WO2018/189747  
**(31)** 201741013419 **(32)** 15.04.17 **(33)** IN  
**(43)** 18.10.2018  
**(44)** 19.08.2021  
**(72)** Muddasani, Pulla Reddy; Budideti, Shankar Reddy; Konduri, Srinivasa Krishna Murthy; Samatham, Nagalingam; Nannapaneni, Venkaiah Chowdary  
**(74)** Spruson & Ferguson

Applications Accepted - Name Index cont'd

**National University of Singapore see 60° Pharmaceuticals LLC**  
(21) 2016368580

(71) Natural Fiber Welding, Inc.  
(11) AU-B-2017259983  
(21) 2017259983 (22) 03.05.2017  
(54) Methods, processes, and apparatuses for producing dyed and welded substrates  
(51) Int. Cl.  
D01F 8/00 ( 2006.01 )  
D02G 3/22 ( 2006.01 )  
D02J 11/00 ( 2006.01 )  
D04H 1/54 ( 2006.01 )  
D06B 3/04 ( 2006.01 )  
(87) WO2017/192779  
(31) 62/365,752 (32) 22.07.16 (33) US  
62/455,504 06.02.17 US  
62/446,646 16.01.17 US  
62/331,256 03.05.16 US

(43) 09.11.2017  
(44) 19.08.2021  
(72) Haverhals, Luke Michael; Amstutz, Aaron Kenneth; Choi, Jonglak; Tang, Xiling; Molter, Michael; Null, Spencer Jacob  
(74) Spruson & Ferguson

(71) NEC Corporation of America  
(11) AU-B-2020200045  
(21) 2020200045 (22) 03.01.2020  
(54) Facial recognition system  
(51) Int. Cl.  
G06K 9/20 ( 2006.01 )  
G06K 7/14 ( 2006.01 )  
G06K 9/46 ( 2006.01 )  
G06T 1/60 ( 2006.01 )  
G06T 15/50 ( 2006.01 )

(43) 30.01.2020  
(44) 19.08.2021  
(62) 2016287726  
(72) RANGANATH, Krishna; GANZ, Allen; YAP, Alvin Leong Ying; PHILLIPS, Ashley; MOLINARI, Michael; CALLIER, Algernon  
(74) Spruson & Ferguson

(71) Netflix, Inc.  
(11) AU-B-2018303643  
(21) 2018303643 (22) 16.07.2018  
(54) Encoding techniques for optimizing distortion and bitrate  
(51) Int. Cl.  
H04N 21/2343 ( 2011.01 )  
H04N 19/124 ( 2014.01 )  
H04N 19/147 ( 2014.01 )  
H04N 19/154 ( 2014.01 )  
H04N 19/179 ( 2014.01 )  
H04N 19/192 ( 2014.01 )  
H04N 19/59 ( 2014.01 )  
H04N 21/845 ( 2011.01 )

(87) WO2019/018311  
(31) 16/034,303 (32) 12.07.18 (33) US  
62/534,170 18.07.17 US  
(43) 24.01.2019  
(44) 19.08.2021  
(72) KATSAVOUNIDIS, Ioannis  
(74) FPA Patent Attorneys Pty Ltd

(71) Nextivity, Inc.  
(11) AU-B-2018297343  
(21) 2018297343 (22) 06.07.2018  
(54) Low power cellular base station  
(51) Int. Cl.  
H04W 52/02 ( 2009.01 )

(87) WO2019/010438  
(31) 62/530,023 (32) 07.07.17 (33) US  
(43) 10.01.2019  
(44) 19.08.2021  
(72) LOTTER, Michiel Petrus  
(74) Phillips Ormonde Fitzpatrick

(71) Nkmax Co., Ltd.  
(11) AU-B-2019215034  
(21) 2019215034 (22) 31.01.2019  
(54) Method of producing natural killer cells and composition for treating cancer  
(51) Int. Cl.  
A61K 35/17 ( 2015.01 )  
A61P 31/04 ( 2006.01 )  
A61P 31/10 ( 2006.01 )  
A61P 31/12 ( 2006.01 )  
A61P 33/00 ( 2006.01 )  
A61P 43/00 ( 2006.01 )

(87) WO2019/152663  
(31) 10-2019-0001981 (32) 07.01.19 (33) KR  
10-2019-0001983 07.01.19 KR  
10-2018-0012938 01.02.18 KR  
10-2018-0012942 01.02.18 KR

(43) 08.08.2019  
(44) 19.08.2021  
(72) PARK, Sang Woo; KIM, Yong Man; JUNG, Jae Seob; RHEE, Yong-Hee  
(74) MINTER ELLISON

(71) NORSK HYDRO ASA  
(11) AU-B-2016356551  
(21) 2016356551 (22) 04.10.2016  
(54) Method and means for application of anode covering material (ACM) in an electrolysis cell of hall-heroult type for aluminium production  
(51) Int. Cl.  
C25C 3/14 ( 2006.01 )

(87) WO2017/086799  
(31) 20151597 (32) 20.11.15 (33) NO  
(43) 26.05.2017  
(44) 19.08.2021  
(72) Magnesen, Jostein; Teigen, Per Johnny; Høines, Jan Frode; Jacobsen, Odd Erik; Dyrøy, Are; Karlsen, Morten; Chmelar, Juraj  
(74) Phillips Ormonde Fitzpatrick

(71) Northeastern University; Dana-Farber Cancer Institute, Inc.; The Brigham and Women's Hospital, Inc.  
(11) AU-B-2016305473  
(21) 2016305473 (22) 15.08.2016  
(54) Biomaterials for combined radiotherapy and immunotherapy of cancer  
(51) Int. Cl.  
A61K 41/00 ( 2006.01 )  
A61K 39/00 ( 2006.01 )

(87) WO2017/027874

(31) 62/204,861 (32) 13.08.15 (33) US  
(43) 16.02.2017  
(44) 19.08.2021  
(72) Ngwa, Wilfred; Kumar, Rajiv; Makri-giorgos, Gerassimos; Sridhar, Srinivas; Dougan, Stephanie  
(74) Shelston IP Pty Ltd.

(71) Novelis Inc.  
(11) AU-B-2018302332  
(21) 2018302332 (22) 20.07.2018  
(54) Micro-textured surfaces via low pressure rolling  
(51) Int. Cl.  
B21B 1/22 ( 2006.01 )

(87) WO2019/018738  
(31) 62/551,298 (32) 29.08.17 (33) US  
62/551,292 29.08.17 US  
62/551,296 29.08.17 US  
62/535,345 21.07.17 US  
62/535,349 21.07.17 US  
62/535,341 21.07.17 US  
(43) 24.01.2019  
(44) 19.08.2021  
(72) SHAFIEI, Mehdi; HUNTER, John A.; KNELSEN, Peter; MICK, Steven L.  
(74) Davies Collison Cave Pty Ltd

**Novyk, A. see Atamaniuk, V.**  
(21) 2015391981

**Nuseed Pty Ltd see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2018247287

(71) Nutech Ventures  
(11) AU-B-2016337531  
(21) 2016337531 (22) 17.10.2016  
(54) Fire suppression and ignition with unmanned aerial vehicles  
(51) Int. Cl.  
A62C 3/02 ( 2006.01 )  
A62C 3/00 ( 2006.01 )  
B64C 39/02 ( 2006.01 )  
B64D 1/00 ( 2006.01 )  
B64D 1/02 ( 2006.01 )

(87) WO2017/066765  
(31) 62/242,485 (32) 16.10.15 (33) US  
(43) 20.04.2017  
(44) 19.08.2021  
(72) Detweiler, Carrick; Elbaum, Sebastian; Higgins, James; Laney, Christian; Allen, Craig; Twidwell, Dirac; Beachly, Evan Michael  
(74) Griffith Hack  
  
(71) Nutrition & Biosciences USA 4, Inc.  
(11) AU-B-2017376773  
(21) 2017376773 (22) 14.12.2017  
(54) Amphiphilic polysaccharide derivatives and compositions comprising same  
(51) Int. Cl.  
C08B 37/00 ( 2006.01 )  
C11D 3/22 ( 2006.01 )

Applications Accepted - Name Index cont'd

(31) 62/435,158 (32) 16.12.16 (33) US  
 (43) 21.06.2018  
 (44) 19.08.2021  
 (72) Huang, Zhengzheng; Lu, Helen S.  
 M.; Qiu, Weiming; Shah, Mukesh C.;  
 Shuey, Steven W.; Sivik, Mark Robert;  
 Fliter, Kristi Lynn  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Nymox Corporation  
 (11) AU-B-2016297890  
 (21) 2016297890 (22) 25.07.2016  
 (54) Methods of reducing the need for sur-  
 gery in patients suffering from benign  
 prostatic hyperplasia  
 (51) Int. Cl.  
 A61K 38/10 ( 2006.01 )  
 A61P 13/08 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2017/019593  
 (31) 14/808,731 (32) 24.07.15 (33) US  
 (43) 02.02.2017  
 (44) 19.08.2021  
 (72) Averback, Paul  
 (74) Spruson & Ferguson

(71) Nyxoah SA  
 (11) AU-B-2019204102  
 (21) 2019204102 (22) 12.06.2019  
 (54) Dynamic modification of modulation  
 throughout a therapy period  
 (51) Int. Cl.  
 A61N 1/372 ( 2006.01 )  
 A61N 1/36 ( 2006.01 )  
 (43) 04.07.2019  
 (44) 19.08.2021  
 (62) 2014288938  
 (72) Mashiach, Adi; Mashiach, Itzik  
 (74) FB Rice Pty Ltd

(71) Ocado Innovation Limited  
 (11) AU-B-2018368575  
 (21) 2018368575 (22) 16.11.2018  
 (54) Control device and method for a robot  
 system for locating objects and calcu-  
 lating appropriate grasp points for each  
 object  
 (51) Int. Cl.  
 B25J 9/16 ( 2006.01 )  
 G06T 7/10 ( 2017.01 )  
 (87) WO2019/097004  
 (31) 1719058.8 (32) 17.11.17 (33) GB  
 (43) 23.05.2019  
 (44) 19.08.2021  
 (72) DEACON, Graham; PEDRO, Osem-  
 waro  
 (74) Griffith Hack

(71) Omnicyte  
 (11) AU-B-2016232771  
 (21) 2016232771 (22) 18.03.2016  
 (54) Fusion proteins comprising modified al-  
 pha virus surface glycoproteins and tu-  
 mor associated antigen and methods  
 thereof  
 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )

A61K 39/12 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 37/04 ( 2006.01 )  
 C12N 15/63 ( 2006.01 )  
 (87) WO2016/149643  
 (31) 62/134,933 (32) 18.03.15 (33) US  
 (43) 22.09.2016  
 (44) 19.08.2021  
 (72) Leonardi, Peter; Pola, Elin Martina;  
 Babad, Jeffrey  
 (74) AJ PARK

(71) Omniome, Inc.  
 (11) AU-B-2017386515  
 (21) 2017386515 (22) 21.12.2017  
 (54) Method and system employing distin-  
 guishable polymerases for detecting  
 ternary complexes and identifying cog-  
 nate nucleotides  
 (51) Int. Cl.  
 C12Q 1/6869 ( 2018.01 )  
 C12Q 1/6827 ( 2018.01 )  
 C12Q 1/6874 ( 2018.01 )  
 (87) WO2018/125759  
 (31) 62/440,624 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (44) 19.08.2021  
 (72) Dambacher, Corey M.; Cayer, Devon;  
 Lecoultre, Richard; Rokicki, Joseph;  
 Wilson, Kerry; Tu, Eugene; Vijayan,  
 Kandaswamy  
 (74) Griffith Hack

(71) Outokumpu Oyj  
 (11) AU-B-2016292829  
 (21) 2016292829 (22) 08.07.2016  
 (54) Method for manufacturing a component  
 of austenitic TWIP or TRIP/TWIP steel  
 (51) Int. Cl.  
 B21H 8/00 ( 2006.01 )  
 B21B 1/22 ( 2006.01 )  
 C21D 1/02 ( 2006.01 )  
 (87) WO2017/009244  
 (31) 15176945.2 (32) 16.07.15 (33) EP  
 (43) 19.01.2017  
 (44) 19.08.2021  
 (72) Fröhlich, Thomas; Lindner, Stefan  
 (74) Griffith Hack

(71) Paladin Intellectual Property Pty Ltd  
 (11) AU-B-2020202356  
 (21) 2020202356 (22) 02.04.2020  
 (54) A Method for Recovering an Acid or  
 Base  
 (51) Int. Cl.  
 B01D 61/14 ( 2006.01 )  
 B01D 43/00 ( 2006.01 )  
 B01D 69/00 ( 2006.01 )  
 C10G 73/23 ( 2006.01 )  
 (43) 23.04.2020  
 (44) 19.08.2021  
 (62) 2014391080  
 (72) Boshoff, Paul; Ford, Merrill; McDougall,  
 Shana; Peacock, Mark  
 (74) Golja Haines & Friend

(71) Pall Corporation  
 (11) AU-B-2017201752  
 (21) 2017201752 (22) 15.03.2017  
 (54) Connector assemblies, fluid systems in-  
 cluding connector assemblies, and pro-  
 cedures for making fluid connections  
 (51) Int. Cl.  
 F16L 37/24 ( 2006.01 )  
 A61M 39/18 ( 2006.01 )  
 (31) 15/085,042 (32) 30.03.16 (33) US  
 (43) 19.10.2017  
 (44) 19.08.2021  
 (72) Kesselaar, Daniel James; Rothwell,  
 Charles Nicholas; Ballard, Richard  
 John; Bowdery, Danniell  
 (74) Shelston IP Pty Ltd.

(71) Paul Hartmann AG  
 (11) AU-B-2016383476  
 (21) 2016383476 (22) 20.12.2016  
 (54) Incontinence diaper  
 (51) Int. Cl.  
 A61F 13/49 ( 2006.01 )  
 A61F 13/551 ( 2006.01 )  
 (87) WO2017/114695  
 (31) 10 2015 226 814.4 (32) 29.12.15 (33) DE  
 (43) 06.07.2017  
 (44) 19.08.2021  
 (72) Ostertag, Wolfgang; Ebert, Anselm;  
 Kesselmeier, Ruediger; Drumeva-Eberi-  
 us, Alben  
 (74) Griffith Hack

(71) Paul Hartmann AG  
 (11) AU-B-2017219700  
 (21) 2017219700 (22) 13.02.2017  
 (54) Disposable incontinence diaper  
 (51) Int. Cl.  
 A61F 13/49 ( 2006.01 )  
 A61F 13/56 ( 2006.01 )  
 A61F 13/64 ( 2006.01 )  
 (87) WO2017/140604  
 (31) DE 10 2016 102 (32) 16.02.16 (33) DE  
 684.0  
 (43) 24.08.2017  
 (44) 19.08.2021  
 (72) Ostertag, Wolfgang; Ebert, Anselm;  
 Kesselmeier, Rudiger; Drumeva-Eberi-  
 us, Alben  
 (74) Griffith Hack

(71) PBU (UK) Ltd.  
 (11) AU-B-2016360527  
 (21) 2016360527 (22) 15.11.2016  
 (54) Methods for forming 3D image data and  
 associated apparatuses  
 (51) Int. Cl.  
 G01V 3/17 ( 2006.01 )  
 G01S 13/02 ( 2006.01 )  
 G01S 13/42 ( 2006.01 )  
 G01S 13/88 ( 2006.01 )  
 G01S 13/89 ( 2006.01 )  
 G01V 3/36 ( 2006.01 )  
 B61K 9/08 ( 2006.01 )  
 G01S 13/86 ( 2006.01 )  
 G01V 3/16 ( 2006.01 )  
 (87) WO2017/089184  
 (31) 1520829.1 (32) 25.11.15 (33) GB  
 (43) 01.06.2017

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) Gallagher, Anthony; Robinson, Alexander  
 (74) Adams Pluck

---

(71) Philip Morris Products S.A.  
 (11) AU-B-2016320391  
 (21) 2016320391 (22) 08.09.2016  
 (54) Multi-segment component for an aerosol-generating article  
 (51) Int. Cl.  
 A24F 47/00 ( 2006.01 )  
 A24B 15/16 ( 2006.01 )  
 (87) WO2017/042297  
 (31) 15184965.0 (32) 11.09.15 (33) EP  
 (43) 16.03.2017  
 (44) 19.08.2021  
 (72) Malgat, Alexandre  
 (74) Spruson & Ferguson

PINCHEN, D. see DONALDSON, M.  
 (21) 2016203971

President and Fellows of Harvard College  
 see The Broad Institute, Inc.  
 (21) 2018247306

(71) Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners  
 (11) AU-B-2020200084  
 (21) 2020200084 (22) 06.01.2020  
 (54) Formliner and method of use  
 (51) Int. Cl.  
 E04G 9/10 ( 2006.01 )  
 (43) 30.01.2020  
 (44) 19.08.2021  
 (62) 2018204052  
 (72) Fitzgerald, Edward Daniel; Sheehan, Brian Eugene  
 (74) Davies Collison Cave Pty Ltd

(71) Prodeon, Inc.  
 (11) AU-B-2016379390  
 (21) 2016379390 (22) 22.12.2016  
 (54) System and method for increasing a cross-sectional area of a body lumen  
 (51) Int. Cl.  
 A61B 17/064 ( 2006.01 )  
 A61B 17/02 ( 2006.01 )  
 A61F 2/00 ( 2006.01 )  
 (87) WO2017/112856  
 (31) 62/392,388 (32) 31.05.16 (33) US  
 62/387,090 22.12.15 US  
 (43) 29.06.2017  
 (44) 19.08.2021  
 (72) Hsu, Thomas; Hsu, Senzan; Hsu, Ellen  
 (74) Spruson & Ferguson

(71) Purac Biochem BV  
 (11) AU-B-2017324801  
 (21) 2017324801 (22) 05.09.2017  
 (54) Fatty acid esters against infections in fermentations  
 (51) Int. Cl.

C12N 1/20 ( 2006.01 )  
 (87) WO2018/046500  
 (31) 16187414.4 (32) 06.09.16 (33) EP  
 (43) 15.03.2018  
 (44) 19.08.2021  
 (72) Otto, Roel; Ramirez, Aldana Mariel; Eelderink, Jenny  
 (74) Spruson & Ferguson

(71) Qiagen GmbH  
 (11) AU-B-2015289027  
 (21) 2015289027 (22) 17.07.2015  
 (54) Method for isolating RNA with high yield  
 (51) Int. Cl.  
 C12N 15/10 ( 2006.01 )  
 (87) WO2016/009059  
 (31) 14177538.7 (32) 17.07.14 (33) EP  
 (43) 21.01.2016  
 (44) 19.08.2021  
 (72) Loper, David; Steinert, Kerstin  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Qilu University of Technology  
 (11) AU-B-2019322953  
 (21) 2019322953 (22) 29.03.2019  
 (54) Method, system, storage medium and electric device of medical automatic question answering  
 (51) Int. Cl.  
 G06F 16/332 ( 2019.01 )  
 (87) WO2020/034642  
 (31) 201810939302.3 (32) 17.08.18 (33) CN  
 (43) 20.02.2020  
 (44) 19.08.2021  
 (72) LU, Wenpeng; ZHANG, Yuteng; ZHANG, Ruoyu; ZHANG, Xu; YUE, Shutong; CHENG, Jinyong  
 (74) Wenpeng Lu

(71) Qualcomm Incorporated  
 (11) AU-B-2017308583  
 (21) 2017308583 (22) 28.07.2017  
 (54) Data channel-referenced resource allocation for a control channel  
 (51) Int. Cl.  
 H04W 72/04 ( 2009.01 )  
 (87) WO2018/031251  
 (31) 15/465,498 (32) 21.03.17 (33) US  
 62/416,613 02.11.16 US  
 62/374,721 12.08.16 US  
 (43) 15.02.2018  
 (44) 19.08.2021  
 (72) Chen, Wanshi; Gaal, Peter; Xu, Hao; Wang, Renqiu; Ji, Tingfang; Zeng, Wei; Huang, Yi  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2017334335  
 (21) 2017334335 (22) 11.08.2017  
 (54) Virtual symbol splitting techniques in wireless communications  
 (51) Int. Cl.  
 H04L 27/26 ( 2006.01 )  
 H04L 5/00 ( 2006.01 )  
 (87) WO2018/063531

(31) 62/402,470 (32) 30.09.16 (33) US  
 15/673,690 10.08.17 US  
 (43) 05.04.2018  
 (44) 19.08.2021  
 (72) Huang, Yi; Gaal, Peter; Zeng, Wei; Chen, Wanshi; Xu, Hao; Ji, Tingfang  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2017377949  
 (21) 2017377949 (22) 27.11.2017  
 (54) Clock gating enable generation  
 (51) Int. Cl.  
 G06F 1/32 ( 2006.01 )  
 (87) WO2018/111526  
 (31) 15/666,107 (32) 01.08.17 (33) US  
 62/433,547 13.12.16 US  
 (43) 21.06.2018  
 (44) 19.08.2021  
 (72) Zerwick, Adam Andrew  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2019284023  
 (21) 2019284023 (22) 20.12.2019  
 (54) TIME DIVISION DUPLEX (TDD) SUB-FRAME STRUCTURE SUPPORTING SINGLE AND MULTIPLE INTERLACE MODES  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 H04L 5/14 ( 2006.01 )  
 (43) 23.01.2020  
 (44) 19.08.2021  
 (62) 2016296261  
 (72) Jiang, Jing; Ang, Peter Pui Lok; Mukkavilli, Krishna Kiran; Ji, Tingfang; Smeed, John Edward  
 (74) Madderns Pty Ltd

(71) Reckitt Benckiser (Brands) Limited  
 (11) AU-B-2017294133  
 (21) 2017294133 (22) 22.06.2017  
 (54) Air freshening formulation  
 (51) Int. Cl.  
 A61L 9/01 ( 2006.01 )  
 A61L 9/14 ( 2006.01 )  
 (87) WO2018/007785  
 (31) 1611760.8 (32) 06.07.16 (33) GB  
 (43) 11.01.2018  
 (44) 19.08.2021  
 (72) Das, Avijit; Rudkin, Scott; Szklarz, Anne  
 (74) Shelston IP Pty Ltd.

(71) Redarc Technologies Pty Ltd  
 (11) AU-B-2019204050  
 (21) 2019204050 (22) 11.06.2019  
 (54) BRAKE CONTROLLER FOR TOWED VEHICLE BRAKING SYSTEM AND METHOD  
 (51) Int. Cl.  
 B60W 10/18 ( 2006.01 )  
 B60T 8/171 ( 2006.01 )  
 B60T 15/02 ( 2006.01 )  
 G05B 19/02 ( 2006.01 )  
 (43) 04.07.2019

Applications Accepted - Name Index cont'd

- (44) 19.08.2021  
 (62) 2017245438  
 (72) Fosdike, Timothy  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology  
 (11) AU-B-2015346150  
 (21) 2015346150 (22) 13.11.2015  
 (54) Methods for treating chronic sinusitis with nasal polyps by administering an IL-4R antagonist  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (87) WO2016/077675  
 (31) 62/158,832 (32) 08.05.15 (33) US  
 15306632.9 14.10.15 EP  
 62/199,305 31.07.15 US  
 62/080,092 14.11.14 US  
 62/083,821 24.11.14 US  
 (43) 19.05.2016  
 (44) 19.08.2021  
 (72) Mannent, Leda; Pirozzi, Gianluca; Swanson, Brian N.; Radin, Allen; Gandhi, Namita A.; Evans, Robert; Hamilton, Jennifer Davidson  
 (74) Griffith Hack
- 
- (71) Regents of the University of Minnesota  
 (11) AU-B-2019219826  
 (21) 2019219826 (22) 22.08.2019  
 (54) Compositions and methods for transplantation of colon microbiota  
 (51) Int. Cl.  
**A61K 35/37** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
 (43) 12.09.2019  
 (44) 19.08.2021  
 (62) 2017203822  
 (72) SADOWSKY, Michael J.; KHORUTS, Alexander; WEINGARDEN, Alexa R.; HAMILTON, Matthew J.  
 (74) Spruson & Ferguson
- 
- (71) Revolutionary Medical Devices, Inc.  
 (11) AU-B-2020204637  
 (21) 2020204637 (22) 10.07.2020  
 (54) Ventilation mask  
 (51) Int. Cl.  
**A61M 16/00** ( 2006.01 )  
 (43) 06.08.2020  
 (44) 19.08.2021  
 (62) 2015305893  
 (72) Pedro, Michael J.; Cataldo, Steven H.; Reilly, Thomas M.; Redford, Ryan G.; Kane, David M.  
 (74) Dark IP
- 
- (71) Ricoh Company, Ltd.  
 (11) AU-B-2019242054  
 (21) 2019242054 (22) 25.03.2019  
 (54) Fabricating system for fabricating a three-dimensional object and its control system  
 (51) Int. Cl.

- G01B 11/24** ( 2006.01 )  
**B29C 64/393** ( 2017.01 )  
**B33Y 50/02** ( 2015.01 )  
 (87) WO2019/188894  
 (31) 2018-066521 (32) 30.03.18 (33) JP  
 (43) 03.10.2019  
 (44) 19.08.2021  
 (72) YOROZU, Yasuaki  
 (74) WRAYS PTY LTD
- 
- (71) RMD Innovations Pty. Ltd.  
 (11) AU-B-2016342501  
 (21) 2016342501 (22) 21.10.2016  
 (54) Method and system for facilitating use of an electronically controlled lock  
 (51) Int. Cl.  
**G07C 9/00** ( 2006.01 )  
**H04W 12/00** ( 2009.01 )  
 (87) WO2017/066849  
 (31) 2015904329 (32) 21.10.15 (33) AU  
 (43) 27.04.2017  
 (44) 19.08.2021  
 (72) Papas, Nick  
 (74) Griffith Hack
- 
- (71) Robert Bosch GmbH  
 (11) AU-B-2018349050  
 (21) 2018349050 (22) 13.09.2018  
 (54) Information processing device for saddle-ridden vehicle, and information processing method for saddle-ridden vehicle  
 (51) Int. Cl.  
**B60R 21/00** ( 2006.01 )  
 (87) WO2019/073318  
 (31) 2017-197186 (32) 10.10.17 (33) JP  
 (43) 18.04.2019  
 (44) 19.08.2021  
 (72) FUKUZAWA, Keiichiro  
 (74) Spruson & Ferguson
- 
- (71) Rolapal Limited  
 (11) AU-B-2019240604  
 (21) 2019240604 (22) 02.10.2019  
 (54) A Seat  
 (51) Int. Cl.  
**A61G 5/10** ( 2006.01 )  
**A47C 1/022** ( 2006.01 )  
**A47C 1/025** ( 2006.01 )  
**A47K 17/00** ( 2006.01 )  
 (43) 22.04.2021  
 (44) 19.08.2021  
 (72) Scarlett, Roydon Mark  
 (74) AJ Pietras IP Limited
- 
- (71) Romteck Australia Pty Ltd  
 (11) AU-B-2016277706  
 (21) 2016277706 (22) 22.12.2016  
 (54) INTEGRATED CIRCUIT BUTTON DEVICES AND METHODS  
 (51) Int. Cl.  
**H01R 13/70** ( 2006.01 )  
 (31) 2015905341 (32) 22.12.15 (33) AU  
 (43) 06.07.2017

- (44) 19.08.2021  
 (72) Merralls, Stephen Ronald; Harman, Phil Victor; Mark Lionel, Oliver  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Rusoh, Inc.  
 (11) AU-B-2020202217  
 (21) 2020202217 (22) 27.03.2020  
 (54) FIRE EXTINGUISHER WITH INTERNAL MIXING AND GAS CARTRIDGE  
 (51) Int. Cl.  
**A62C 13/66** ( 2006.01 )  
**A62C 13/74** ( 2006.01 )  
 (43) 16.04.2020  
 (44) 19.08.2021  
 (62) 2015280284  
 (72) BARROWS, Ryan H.  
 (74) FB Rice Pty Ltd
- 
- (71) S.C. Johnson & Son, Inc.  
 (11) AU-B-2017228372  
 (21) 2017228372 (22) 03.03.2017  
 (54) Neutral floor cleaner compositions  
 (51) Int. Cl.  
**C11D 1/722** ( 2006.01 )  
**C11D 1/825** ( 2006.01 )  
**C11D 3/20** ( 2006.01 )  
 (87) WO2017/152063  
 (31) 62/304,009 (32) 04.03.16 (33) US  
 (43) 08.09.2017  
 (44) 19.08.2021  
 (72) Savaglio, Carmine; Cook, Teresa L.; Hale, Holly Ann  
 (74) Spruson & Ferguson
- 
- (71) Samsung Electronics Co., Ltd.  
 (11) AU-B-2016380597  
 (21) 2016380597 (22) 29.12.2016  
 (54) Cyclone dust collector and vacuum cleaner having the same  
 (51) Int. Cl.  
**A47L 9/16** ( 2006.01 )  
 (87) WO2017/116159  
 (31) 10-2015-0190308 (32) 30.12.15 (33) KR  
 (43) 06.07.2017  
 (44) 19.08.2021  
 (72) Cho, Dong-Jin; Tak, Hyeon-Woo  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Samsung Electronics Co., Ltd.  
 (11) AU-B-2017240614  
 (21) 2017240614 (22) 31.03.2017  
 (54) Electronic device including display  
 (51) Int. Cl.  
**G06F 1/16** ( 2006.01 )  
**H04M 1/02** ( 2006.01 )  
 (87) WO2017/171498  
 (31) 10-2016-0040398 (32) 01.04.16 (33) KR  
 (43) 05.10.2017  
 (44) 19.08.2021  
 (72) Yeo, Jung Hee; Kim, Kuk Hwan; Kim, Dong Kyun; Baik, Jae Ho; Yum, Sung Jin; Lee, Ji Young; Hwang, Jin Sang; Kwak, Woon Geun; Park, Jung Sik; Yoon, Byoung Uk; Lee, Yong Seok;

Applications Accepted - Name Index cont'd

Lee, Jung Won; Jung, Min Su; Choi, Seung Min; Hong, Hyun Ju  
**(74)** Griffith Hack

**Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.**  
**(21)** 2015346150

**(71)** Savox Communications Oy Ab (Ltd)  
**(11)** AU-B-2017281686  
**(21)** 2017281686 **(22)** 22.06.2017  
**(54)** Optimizing joint operation of a communication device and an accessory device coupled thereto  
**(51)** Int. Cl.  
*H04R 29/00* ( 2006.01 )  
*H03G 1/02* ( 2006.01 )  
*H04W 4/00* ( 2009.01 )  
*H04W 8/00* ( 2009.01 )  
*H04R 25/00* ( 2006.01 )  
**(87)** WO2017/220866  
**(31)** 20165517 **(32)** 23.06.16 **(33)** FI  
**(43)** 28.12.2017  
**(44)** 19.08.2021  
**(72)** Hackl, Daniel Patrick  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Schneider Electric (Australia) Pty Limited  
**(11)** AU-B-2015275227  
**(21)** 2015275227 **(22)** 22.12.2015  
**(54)** SWITCH ASSEMBLY, SYSTEM AND METHOD  
**(51)** Int. Cl.  
*H01H 23/00* ( 2006.01 )  
**(31)** 2014905203 **(32)** 22.12.14 **(33)** AU  
 2014905209 22.12.14 AU  
 2014905210 22.12.14 AU  
 2014905211 22.12.14 AU  
 2014905212 22.12.14 AU  
 2014905213 22.12.14 AU  
 201410795485.8 22.12.14 CN  
 201410795482.4 22.12.14 CN  
 201410795430.7 22.12.14 CN  
**(43)** 07.07.2016  
**(44)** 19.08.2021  
**(72)** Shan, Fuhua  
**(74)** Madderns Pty Ltd

**(71)** Scientific Games Holdings Limited  
**(11)** AU-B-2017232097  
**(21)** 2017232097 **(22)** 20.09.2017  
**(54)** System and method for printing scratch-off lottery tickets  
**(51)** Int. Cl.  
*C09D 11/30* ( 2014.01 )  
*A63F 3/06* ( 2006.01 )  
*B41J 2/01* ( 2006.01 )  
*C09D 11/102* ( 2014.01 )  
*C09D 11/106* ( 2014.01 )  
*C09D 11/322* ( 2014.01 )  
*C09D 11/328* ( 2014.01 )  
*C09D 181/00* ( 2006.01 )  
**(31)** 15/271,781 **(32)** 21.09.16 **(33)** US  
**(43)** 05.04.2018

**(44)** 19.08.2021  
**(72)** STEPHENS, Kenneth A.  
**(74)** Spruson & Ferguson

**(71)** SCW Systems B.V.  
**(11)** AU-B-2016256565  
**(21)** 2016256565 **(22)** 28.04.2016  
**(54)** Apparatus for and method of processing a slurry containing organic components  
**(51)** Int. Cl.  
*C02F 11/08* ( 2006.01 )  
*B01J 3/00* ( 2006.01 )  
*B01J 19/00* ( 2006.01 )  
*B01J 19/20* ( 2006.01 )  
*C02F 11/12* ( 2006.01 )  
**(87)** WO2016/174163  
**(31)** 15165677.4 **(32)** 29.04.15 **(33)** EP  
**(43)** 03.11.2016  
**(44)** 19.08.2021  
**(72)** Essing, Gerardus Cornelis Otto Bernard; Hendry, Douglas Scott  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SDI Limited  
**(11)** AU-B-2019217656  
**(21)** 2019217656 **(22)** 07.02.2019  
**(54)** Silver fluoride solutions for dental compositions  
**(51)** Int. Cl.  
*A61K 33/38* ( 2006.01 )  
*A61K 8/21* ( 2006.01 )  
*A61K 33/16* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
**(87)** WO2019/153033  
**(31)** 2018900432 **(32)** 12.02.18 **(33)** AU  
**(43)** 15.08.2019  
**(44)** 19.08.2021  
**(72)** FARRAR, Paul; TARGETT, Amanda; LUO, Mingdeng  
**(74)** Lord & Company

**(71)** Secure International Holdings Pte. Ltd  
**(11)** AU-B-2016203316  
**(21)** 2016203316 **(22)** 20.05.2016  
**(54)** Utility Meter  
**(51)** Int. Cl.  
*G01R 11/00* ( 2006.01 )  
**(31)** 1506/DEL/2015 **(32)** 26.05.15 **(33)** IN  
 1511938.1 08.07.15 GB  
**(43)** 15.12.2016  
**(44)** 19.08.2021  
**(72)** JHALORA, Surendra; PRAKASH, Ved  
**(74)** Griffith Hack

**(71)** Senhwa Biosciences, Inc.  
**(11)** AU-B-2016355268  
**(21)** 2016355268 **(22)** 09.11.2016  
**(54)** Combination therapy of tetracyclic quinolone analogs for treating cancer  
**(51)** Int. Cl.  
*A61K 31/541* ( 2006.01 )  
*C07D 471/14* ( 2006.01 )  
**(87)** WO2017/087235  
**(31)** 62/258,211 **(32)** 20.11.15 **(33)** US  
**(43)** 26.05.2017

**(44)** 19.08.2021  
**(72)** Soong, John  
**(74)** AJ PARK

**(71)** Serum Institute of India Private Limited  
**(11)** AU-B-2015334495  
**(21)** 2015334495 **(22)** 06.10.2015  
**(54)** Improved methods for Enterovirus inactivation, adjuvant adsorption and dose reduced vaccine compositions obtained thereof  
**(51)** Int. Cl.  
*C12N 7/04* ( 2006.01 )  
*A61K 39/13* ( 2006.01 )  
*A61K 39/39* ( 2006.01 )  
*C12N 7/06* ( 2006.01 )  
**(87)** WO2016/063291  
**(31)** 3180/MUM/2014 **(32)** 07.10.14 **(33)** IN  
**(43)** 28.04.2016  
**(44)** 19.08.2021  
**(72)** Dhere, Rajeev Mhalasakant; Pisal, Sambhaji Shankar; Zade, Jagdish Kamalaji; Sabale, Rajendra Narayan  
**(74)** Griffith Hack

**(71)** Shanghai Green Valley Pharmaceutical Co., Ltd.  
**(11)** AU-B-2016420064  
**(21)** 2016420064 **(22)** 15.08.2016  
**(54)** Method for preparing oligomeric mannuronic diacid  
**(51)** Int. Cl.  
*C07H 1/00* ( 2006.01 )  
*C07H 7/033* ( 2006.01 )  
**(87)** WO2018/032272  
**(43)** 22.02.2018  
**(44)** 19.08.2021  
**(72)** Xiao, Zhongping; Zhang, Zhenqing; Geng, Meiyu; Ding, Jian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Shanghai Institute of Materia Medica, Chinese Academy of Sciences  
**(11)** AU-B-2017366529  
**(21)** 2017366529 **(22)** 24.11.2017  
**(54)** Pymido(5,4-b)indolizine or pymido(5,4-b)pyrrolizine compound, preparation method and use thereof  
**(51)** Int. Cl.  
*C07D 471/14* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*C07D 487/14* ( 2006.01 )  
**(87)** WO2018/095398  
**(31)** 201611045301.1 **(32)** 24.11.16 **(33)** CN  
**(43)** 31.05.2018  
**(44)** 19.08.2021  
**(72)** Zhang, Ao; Ding, Jian; Xie, Hua; Song, Zilan; Xue, Yu; Tong, Linjiang; Geng, Meiyu  
**(74)** Baxter Patent Attorneys Pty Ltd



Applications Accepted - Name Index cont'd

(71) Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Haihe Biopharma Co., Ltd.; Jinan University  
 (11) AU-B-2019241374  
 (21) 2019241374 (22) 29.03.2019  
 (54) Quinoline or quinazoline compound and application thereof  
 (51) Int. Cl.  
**C07D 215/233** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
 (87) WO2019/185064  
 (31) 201810277244.2 (32) 30.03.18 (33) CN  
 (43) 03.10.2019  
 (44) 19.08.2021  
 (72) DING, Ke; GENG, Meiyu; CHAN, Shingpan; DING, Jian; TAN, Li; AI, Jing; ZHANG, Zhang; PENG, Xia; REN, Xiaomei; JI, Yinchun; TU, Zhengchao; DAI, Yang; LU, Xiaoyun  
 (74) Griffith Hack

(71) SharkNinja Operating LLC  
 (11) AU-B-2020203852  
 (21) 2020203852 (22) 11.06.2020  
 (54) FOOD PROCESSING APPARATUS AND METHOD  
 (51) Int. Cl.  
**A47J 44/02** ( 2006.01 )  
**A47J 43/06** ( 2006.01 )  
 (43) 02.07.2020  
 (44) 19.08.2021  
 (62) 2015203411  
 (72) Coakley, Devin Joseph; Gidwell, Christopher; Lu, Zenas; Potter, Daniel Stephen; Smith, Michael Joseph; Deblois, Bryan; Spaller, Robert; Hu, Antonio; Hernley, Lauren  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Shenzhen New Tenon Co., Ltd.  
 (11) AU-B-2017220928  
 (21) 2017220928 (22) 10.02.2017  
 (54) Environmentally friendly building structure kit  
 (51) Int. Cl.  
**E04C 1/00** ( 2006.01 )  
**E04B 2/08** ( 2006.01 )  
 (87) WO2017/140187  
 (31) 201610098785.X (32) 17.02.16 (33) CN  
 (43) 24.08.2017  
 (44) 19.08.2021  
 (72) Hon, Man Ching  
 (74) Madderns Pty Ltd

(71) Shilpa Medicare Limited  
 (11) AU-B-2018332189  
 (21) 2018332189 (22) 11.09.2018  
 (54) Tranexamic acid spray for knee arthroplasty  
 (51) Int. Cl.  
**C08L 29/02** ( 2006.01 )  
 (87) WO2019/053579  
 (31) 201741032141 (32) 12.09.17 (33) IN  
 (43) 21.03.2019  
 (44) 19.08.2021  
 (72) RANGABHATLA GUNNESWARA SUBRAMANYA, Vara Prasad;

RANGABHATLA, Sai Laxmi Aparna; AYALASOMAYAJULA, Ratna Phani  
 (74) SHILPA MEDICARE LIMITED  


---

 (71) Shoolman, Y.; Steinberg, Y.; Gottlieb, Y.; Agra, O.  
 (11) AU-B-2018294443  
 (21) 2018294443 (22) 02.07.2018  
 (54) Methods, systems, and media for controlling append-only file rewrites  
 (51) Int. Cl.  
**G06F 11/14** ( 2006.01 )  
**G06F 11/16** ( 2006.01 )  
**G06F 40/00** ( 2020.01 )  
 (87) WO2019/006454  
 (31) 15/639,965 (32) 30.06.17 (33) US  
 (43) 03.01.2019  
 (44) 19.08.2021  
 (72) SHOOLMAN, Yiftach; STEINBERG, Yoav; GOTTLIEB, Yossi; AGRA, Oran  
 (74) Spruson & Ferguson

(71) Siemens Aktiengesellschaft  
 (11) AU-B-2017420091  
 (21) 2017420091 (22) 23.06.2017  
 (54) Method for producing a gas diffusion electrode and gas diffusion electrode  
 (51) Int. Cl.  
**C25B 11/03** ( 2006.01 )  
**C25B 11/04** ( 2006.01 )  
**H01M 4/86** ( 2006.01 )  
**H01M 4/88** ( 2006.01 )  
**H01M 8/0239** ( 2016.01 )  
**H01M 8/0245** ( 2016.01 )  
**C25B 1/00** ( 2006.01 )  
**C25B 1/04** ( 2006.01 )  
 (87) WO2018/233843  
 (43) 27.12.2018  
 (44) 19.08.2021  
 (72) Hansen, Martin Kalmar; Therkildsen, Kasper Tipsmark  
 (74) Spruson & Ferguson

Singapore Health Services Pte Ltd. see 60° Pharmaceuticals LLC  
 (21) 2016368580

(71) Sloan-Kettering Institute for Cancer Research  
 (11) AU-B-2020202692  
 (21) 2020202692 (22) 22.04.2020  
 (54) TRITERPENE SAPONINS, METHODS OF SYNTHESIS, AND USES THEREOF  
 (51) Int. Cl.  
**C07H 15/24** ( 2006.01 )  
**A61K 31/704** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
 (43) 23.07.2020  
 (44) 19.08.2021  
 (62) 2018201645  
 (72) Ragupathi, Govind; Won, Annie; Gin, David; Livingston, Philip; Adams, Michelle; Perl, Nicholas; Deng, Kai  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Smith, A.  
 (11) AU-B-2020207777  
 (21) 2020207777 (22) 20.07.2020  
 (54) MULTIMODAL DEVICE FOR TRANSDERMAL TREATMENTS  
 (51) Int. Cl.  
**A61G 10/02** ( 2006.01 )  
 (43) 06.08.2020  
 (44) 19.08.2021  
 (62) 2018203255  
 (72) Smith, André Hugo  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sony Corporation  
 (11) AU-B-2018326862  
 (21) 2018326862 (22) 17.08.2018  
 (54) Communication device and method  
 (51) Int. Cl.  
**H04L 1/18** ( 2006.01 )  
**H04W 28/04** ( 2009.01 )  
**H04W 84/12** ( 2009.01 )  
 (87) WO2019/044535  
 (31) 2017-166870 (32) 31.08.17 (33) JP  
 (43) 07.03.2019  
 (44) 19.08.2021  
 (72) TANAKA, Yusuke; SUGAYA, Shigeru  
 (74) Griffith Hack

(71) Spectrum Brands, Inc.  
 (11) AU-B-2016280614  
 (21) 2016280614 (22) 09.06.2016  
 (54) Rekeyable lock cylinder with enhanced torque resistance  
 (51) Int. Cl.  
**E05B 27/00** ( 2006.01 )  
**E05B 15/04** ( 2006.01 )  
 (87) WO2016/205067  
 (31) 15/172,206 (32) 03.06.16 (33) US  
 62/180,339 16.06.15 US  
 (43) 22.12.2016  
 (44) 19.08.2021  
 (72) Farag, Hanna; Zhang, Jack; Bloom, Mark S.; Lin, James  
 (74) Phillips Ormonde Fitzpatrick

Steinberg, Y. see Shoolman, Y.  
 (21) 2018294443

(71) Stenon GmbH  
 (11) AU-B-2019267088  
 (21) 2019267088 (22) 08.05.2019  
 (54) Devices and methods for in situ soil analysis  
 (51) Int. Cl.  
**G01N 21/31** ( 2006.01 )  
**G01N 27/22** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
**A01G 25/16** ( 2006.01 )  
**G01N 21/359** ( 2014.01 )  
**G01N 27/30** ( 2006.01 )  
**G01N 27/403** ( 2006.01 )  
 (87) WO2019/215257  
 (31) 10 2018 111 336.6 (32) 11.05.18 (33) DE  
 (43) 14.11.2019

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) GRABBERT, Niels; ROTH, Dominic  
 (74) Spruson & Ferguson

(71) Strata Safety Products, LLC  
 (11) AU-B-2019206050  
 (21) 2019206050 (22) 17.07.2019  
 (54) Electromagnetic field adjustment for proximity detection  
 (51) Int. Cl.  
**G08B 21/00** ( 2006.01 )  
 (43) 01.08.2019  
 (44) 19.08.2021  
 (62) 2017202842  
 (72) FREDERICK, Larry D.; MEDLEY, Dwight  
 (74) Griffith Hack

(71) Stryker Corporation  
 (11) AU-B-2016261642  
 (21) 2016261642 (22) 10.05.2016  
 (54) System and method for driving an ultrasonic handpiece with a linear amplifier  
 (51) Int. Cl.  
**B06B 1/02** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**H02M 7/42** ( 2006.01 )  
 (87) WO2016/183084  
 (31) 62/159,672 (32) 11.05.15 (33) US  
 (43) 17.11.2016  
 (44) 19.08.2021  
 (72) Downey, Adam Darwin; Butler, Neal R.; Rhodes, Scott A.  
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation  
 (11) AU-B-2019226263  
 (21) 2019226263 (22) 06.09.2019  
 (54) SURGICAL INSTRUMENT INCLUDING HOUSING, A CUTTING ACCESSORY THAT EXTENDS FROM THE HOUSING AND ACTUATORS THAT ESTABLISH THE POSITION OF THE CUTTING ACCESSORY RELATIVE TO THE HOUSING  
 (51) Int. Cl.  
**A61B 17/17** ( 2006.01 )  
 (43) 26.09.2019  
 (44) 19.08.2021  
 (62) 2017225032  
 (72) Bozung, Timothy J.  
 (74) Davies Collison Cave Pty Ltd

(71) Sumitomo Chemical Company, Limited  
 (11) AU-B-2018277980  
 (21) 2018277980 (22) 01.06.2018  
 (54) Heterocyclic compound and composition containing same  
 (51) Int. Cl.  
**C07D 213/70** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01P 7/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )

**A61K 31/501** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**C07D 213/71** ( 2006.01 )  
**C07D 239/54** ( 2006.01 )  
**C07D 239/56** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 417/06** ( 2006.01 )  
**C07F 5/04** ( 2006.01 )  
 (87) WO2018/221720  
 (31) 2017-108998 (32) 01.06.17 (33) JP  
 2017-245956 22.12.17 JP  
 2018-070879 02.04.18 JP  
 (43) 06.12.2018  
 (44) 19.08.2021  
 (72) Tanaka, Ayaka; Sugimoto, Naoya; Tsuruda, Takeshi  
 (74) Spruson & Ferguson

(71) Sumitomo Electric Industries, Ltd.  
 (11) AU-B-2016342919  
 (21) 2016342919 (22) 03.10.2016  
 (54) Redox flow battery electrode, and redox flow battery  
 (51) Int. Cl.  
**H01M 4/96** ( 2006.01 )  
**H01M 8/18** ( 2006.01 )  
 (87) WO2017/068944  
 (31) 2015-208440 (32) 22.10.15 (33) JP  
 (43) 27.04.2017  
 (44) 19.08.2021  
 (72) Hanafusa, Kei; Ito, Kenichi; Kanno, Takashi; Okumura, Souichirou  
 (74) Spruson & Ferguson

(71) Sumitomo Electric Industries, Ltd.  
 (11) AU-B-2017207081  
 (21) 2017207081 (22) 11.01.2017  
 (54) Intermittently joined optical fiber ribbon and optical cable  
 (51) Int. Cl.  
**G02B 6/44** ( 2006.01 )  
 (87) WO2017/122665  
 (31) 2016-004683 (32) 13.01.16 (33) JP  
 (43) 20.07.2017  
 (44) 19.08.2021  
 (72) Sato, Fumiaki; Tsuchiya, Kenta; Okada, Keisuke; Nagao, Yoshiaki; Suzuki, Nobuyuki  
 (74) Davies Collison Cave Pty Ltd

(71) Sumitomo Metal Mining Co., Ltd.  
 (11) AU-B-2017232747  
 (21) 2017232747 (22) 16.03.2017  
 (54) Near-infrared shielding material fine particles and method for producing the same, and near-infrared shielding material fine particle dispersion liquid  
 (51) Int. Cl.  
**C09K 3/00** ( 2006.01 )  
**C01G 41/00** ( 2006.01 )  
 (87) WO2017/159790  
 (31) 2016-052558 (32) 16.03.16 (33) JP  
 2016-052559 16.03.16 JP  
 (43) 21.09.2017  
 (44) 19.08.2021  
 (72) Nakayama, Hiroki; Tsunematsu, Hirofumi; Chonan, Takeshi  
 (74) Davies Collison Cave Pty Ltd

(71) Sumitomo Metal Mining Co., Ltd.  
 (11) AU-B-2017232748  
 (21) 2017232748 (22) 16.03.2017  
 (54) Near-infrared shielding material fine particle dispersion body, near-infrared shielding body and near-infrared shielding laminated structure, and method for producing the same  
 (51) Int. Cl.  
**C09K 3/00** ( 2006.01 )  
**C01G 41/00** ( 2006.01 )  
 (87) WO2017/159791  
 (31) 2016-052561 (32) 16.03.16 (33) JP  
 2016-052560 16.03.16 JP  
 (43) 21.09.2017  
 (44) 19.08.2021  
 (72) Nakayama, Hiroki; Tsunematsu, Hirofumi; Chonan, Takeshi  
 (74) Davies Collison Cave Pty Ltd

(71) Superdielectrics Ltd  
 (11) AU-B-2016397050  
 (21) 2016397050 (22) 30.11.2016  
 (54) Electrically conducting hydrophilic copolymers  
 (51) Int. Cl.  
**C08F 273/00** ( 2006.01 )  
**B33Y 70/00** ( 2015.01 )  
**C08F 2/16** ( 2006.01 )  
**C08F 226/10** ( 2006.01 )  
**C09J 4/06** ( 2006.01 )  
 (87) WO2017/153705  
 (31) 1604248.3 (32) 11.03.16 (33) GB  
 (43) 14.09.2017  
 (44) 19.08.2021  
 (72) Highgate, Donald James  
 (74) Madderns Pty Ltd

(71) Super Vacuum Manufacturing Company, Inc.  
 (11) AU-B-2019414946  
 (21) 2019414946 (22) 27.12.2019  
 (54) Portable fan  
 (51) Int. Cl.  
**A62C 8/00** ( 2006.01 )  
**A62C 3/02** ( 2006.01 )  
**A62C 31/28** ( 2006.01 )  
**B62B 1/00** ( 2006.01 )  
**F04D 25/08** ( 2006.01 )  
 (87) WO2020/140033  
 (31) 16/728,678 (32) 27.12.19 (33) US  
 62/785,384 27.12.18 US  
 62/842,107 02.05.19 US  
 (43) 02.07.2020  
 (44) 19.08.2021  
 (72) WEINMEISTER, Roger; FALLOON, Thomas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Suzhou Kanova Biopharmaceutical Co., Ltd.  
 (11) AU-B-2017402210  
 (21) 2017402210 (22) 10.03.2017  
 (54) Monoclonal antibody against both IL-17A and IL-17F and use of the same  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**C07K 16/24** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2018/161340  
**(43)** 13.09.2018  
**(44)** 19.08.2021  
**(72)** Dong, Chen; Guo, Li  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Swedish Biomimetics 3000 Limited  
**(11)** AU-B-2017208031  
**(21)** 2017208031 **(22)** 11.01.2017  
**(54)** Mobile solid phase reaction system and method  
**(51)** Int. Cl.  
**B01J 19/00** ( 2006.01 )  
**C40B 60/14** ( 2006.01 )  
**(87)** WO2017/122009  
**(31)** 1600464.0 **(32)** 11.01.16 **(33)** GB  
**(43)** 20.07.2017  
**(44)** 19.08.2021  
**(72)** Prewer, Andrew Richard Russell  
**(74)** WRAYS PTY LTD

**(71)** Sweetch Energy; Centre National de la Recherche Scientifique (CNRS)  
**(11)** AU-B-2016313787  
**(21)** 2016313787 **(22)** 02.09.2016  
**(54)** Device for producing energy by salinity gradient through titanium oxide nano-fluid membranes  
**(51)** Int. Cl.  
**B01D 61/00** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
**F03G 7/00** ( 2006.01 )  
**H01M 8/22** ( 2006.01 )  
**(87)** WO2017/037213  
**(31)** 15306346.6 **(32)** 02.09.15 **(33)** EP  
**(43)** 09.03.2017  
**(44)** 19.08.2021  
**(72)** Mottet, Bruno; Bocquet, Lydéric; Siria, Alessandro; Bechelany, Mikhael  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Symic OA ApS  
**(11)** AU-B-2016248341  
**(21)** 2016248341 **(22)** 15.04.2016  
**(54)** Bioconjugates and uses thereof  
**(51)** Int. Cl.  
**A61P 19/04** ( 2006.01 )  
**C07K 14/745** ( 2006.01 )

**(87)** WO2016/168743  
**(31)** 62/149,428 **(32)** 17.04.15 **(33)** US  
 62/244,665 21.10.15 US  
 62/241,057 13.10.15 US  
**(43)** 20.10.2016  
**(44)** 19.08.2021  
**(72)** Prestwich, Glenn; Paderi, John Eric; Chen, Julia; Bartlett II, Rush Lloyd  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** TAE Technologies, Inc.  
**(11)** AU-B-2017347508  
**(21)** 2017347508 **(22)** 02.06.2017

**(54)** Non-perturbative measurements of low and null magnetic field in high temperature plasmas  
**(51)** Int. Cl.  
**G21B 1/05** ( 2006.01 )  
**H05H 1/11** ( 2006.01 )  
**(87)** WO2018/075095  
**(31)** 62/345,571 **(32)** 03.06.16 **(33)** US  
**(43)** 26.04.2018  
**(44)** 19.08.2021  
**(72)** Gupta, Deepak K.; Ignace, Richard; Nordsieck, Kenneth H.  
**(74)** AJ PARK

**(71)** TAIYUAN UNIVERSITY OF TECHNOLOGY; GUIYANG PLATEAU MINING MACHINERY COMPANY LIMITED  
**(11)** AU-B-2020202237  
**(21)** 2020202237 **(22)** 30.03.2020  
**(54)** MULTI-CHANNEL IMPACT-RESISTANT INTELLIGENT-CONSTANT-DECELERATION HYDRAULIC BRAKING SYSTEM  
**(51)** Int. Cl.  
**B66B 5/00** ( 2006.01 )  
**B60T 10/00** ( 2006.01 )  
**B66B 1/32** ( 2006.01 )  
**B66D 5/28** ( 2006.01 )  
**(31)** 2019108161146 **(32)** 30.08.19 **(33)** CN  
**(43)** 18.03.2021  
**(44)** 19.08.2021  
**(72)** KOU, Ziming; WANG, Zhensheng; WU, Juan; XIE, Deling; WANG, Yandong; ZHANG, Waiwen; ZHANG, Linan  
**(74)** Lord & Company

**(71)** TAM International, Inc.  
**(11)** AU-B-2017331280  
**(21)** 2017331280 **(22)** 22.09.2017  
**(54)** Hydraulic port collar  
**(51)** Int. Cl.  
**E21B 33/14** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
**E21B 34/12** ( 2006.01 )  
**E21B 43/10** ( 2006.01 )  
**(87)** WO2018/057958  
**(31)** 62/399,062 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(44)** 19.08.2021  
**(72)** Bowersock, Justin; Garcia, Luis  
**(74)** Spruson & Ferguson

**(71)** Tata Steel Limited  
**(11)** AU-B-2015372430  
**(21)** 2015372430 **(22)** 14.12.2015  
**(54)** Method of sealing and repairing a refractory tap hole  
**(51)** Int. Cl.  
**B22D 41/14** ( 2006.01 )  
**B22D 41/18** ( 2006.01 )  
**C21B 7/12** ( 2006.01 )  
**F27B 13/06** ( 2006.01 )  
**(87)** WO2016/101020  
**(31)** 2014905218 **(32)** 23.12.14 **(33)** AU  
**(43)** 30.06.2016  
**(44)** 19.08.2021  
**(72)** Pilote, Jacques; Dry, Rodney James  
**(74)** Griffith Hack

**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(11)** AU-B-2018338767  
**(21)** 2018338767 **(22)** 28.09.2018  
**(54)** Sub-physical resource block (sub-PRB) transmissions over a physical uplink shared channel (PUSCH)  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2019/063777  
**(31)** 62/564,911 **(32)** 28.09.17 **(33)** US  
**(43)** 04.04.2019  
**(44)** 19.08.2021  
**(72)** MEDINA ACOSTA, Gerardo Agni; WANG, Yi-Pin; BERGMAN, Johan; ERIKSSON, Anders  
**(74)** FB Rice Pty Ltd

**(71)** Terumo Kabushiki Kaisha  
**(11)** AU-B-2019317840  
**(21)** 2019317840 **(22)** 31.05.2019  
**(54)** Technique simulator  
**(51)** Int. Cl.  
**G09B 23/30** ( 2006.01 )  
**G09B 9/00** ( 2006.01 )  
**(87)** WO2020/031474  
**(31)** 2018-148494 **(32)** 07.08.18 **(33)** JP  
**(43)** 13.02.2020  
**(44)** 19.08.2021  
**(72)** TAKAHASHI, Makoto; FUKAMIZU, Junichi; NOZAWA, Daiki; OZAKI, Kouji  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** The Brigham & Women's Hospital Inc.  
**(11)** AU-B-2020200796  
**(21)** 2020200796 **(22)** 04.02.2020  
**(54)** Novel n-3 immunoresolvents: structures and actions  
**(51)** Int. Cl.  
**C07C 57/03** ( 2006.01 )  
**A61K 31/202** ( 2006.01 )  
**A61K 31/336** ( 2006.01 )  
**(43)** 20.02.2020  
**(44)** 19.08.2021  
**(62)** 2014272044  
**(72)** Serhan, Charles N.; Dalli, Jesmond  
**(74)** Griffith Hack

**The Brigham and Women's Hospital, Inc. see Northeastern University**  
**(21)** 2016305473

**(71)** The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College  
**(11)** AU-B-2018247306  
**(21)** 2018247306 **(22)** 12.10.2018  
**(54)** INDUCIBLE DNA BINDING PROTEINS AND GENOME PERTURBATION TOOLS AND APPLICATIONS THEREOF  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )

Applications Accepted - Name Index cont'd

**C12N 15/63** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(43)** 08.11.2018  
**(44)** 19.08.2021  
**(62)** 2018211340  
**(72)** Zhang, Feng; Brigham, Mark; Cong, Le; Konermann, Silvana; Sanjana, Neville Espi  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** THE CHEMOURS COMPANY FC, LLC.  
**(11)** AU-B-2020203926  
**(21)** 2020203926 **(22)** 12.06.2020  
**(54)** COMPOSITIONS COMPRISING A FLUOROOLEFIN  
**(51)** Int. Cl.  
**C09K 5/04** ( 2006.01 )  
**A62D 1/00** ( 2006.01 )  
**C08J 9/14** ( 2006.01 )  
**C09K 3/30** ( 2006.01 )  
**C10M 171/00** ( 2006.01 )  
**(43)** 02.07.2020  
**(44)** 19.08.2021  
**(62)** 2019208272  
**(72)** MINOR, Barbara Haviland; RAO, Velliyur Nott Mallikarjuna; BIVENS, Donald Bernard; PERTI, Deepak  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**The Coca-Cola Company see Changchun Meihe Science And Technology Development Co., Ltd**  
**(21)** 2020204171

**(71)** The General Hospital Corporation  
**(11)** AU-B-2016228748  
**(21)** 2016228748 **(22)** 11.03.2016  
**(54)** Plasmonic nanoparticle immunoassay method  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 33/533** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**(87)** WO2016/145342  
**(31)** 62/131,382 **(32)** 11.03.15 **(33)** US  
**(43)** 15.09.2016  
**(44)** 19.08.2021  
**(72)** Evan, Conor L.; Hansen, W. Peter; Hoffman, Robert A.; Krauledat, Petra B.; Cramer, Daniel W.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**The General Hospital Corporation see Children's Medical Center Corporation**  
**(21)** 2019201235

**(71)** The Johns Hopkins University  
**(11)** AU-B-2015277369  
**(21)** 2015277369 **(22)** 16.06.2015  
**(54)** Compositions and methods for the expression of CRISPR guide RNAs using the H1 promoter  
**(51)** Int. Cl.  
**C12N 15/63** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )

**C12N 15/79** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )  
**(87)** WO2015/195621  
**(31)** 62/012,802 **(32)** 16.06.14 **(33)** US  
**(43)** 23.12.2015  
**(44)** 19.08.2021  
**(72)** Ranganathan, Vinod; Zack, Donald  
**(74)** Madderns Pty Ltd

**(71)** Theravance Biopharma R&D IP, LLC  
**(11)** AU-B-2018231032  
**(21)** 2018231032 **(22)** 08.03.2018  
**(54)** JAK inhibitors containing a 4-membered heterocyclic amide  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/397** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**(87)** WO2018/165392  
**(31)** 62/469,073 **(32)** 09.03.17 **(33)** US  
**(43)** 13.09.2018  
**(44)** 19.08.2021  
**(72)** Fatherree, Paul R.; Brandt, Gary E.L.; Smith, Cameron; Sullivan, Steven D.E.; Van Orden, Lori Jean; Kleinschek, Melanie A.; Crater, Glenn D.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** The Regents of the University of California  
**(11)** AU-B-2019246902  
**(21)** 2019246902 **(22)** 11.10.2019  
**(54)** Use of H3K9me3 modulation for enhancing cognitive function  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/202** ( 2006.01 )  
**C07D 513/18** ( 2006.01 )  
**(43)** 31.10.2019  
**(44)** 19.08.2021  
**(62)** 2016276172  
**(72)** Cotman, Carl; Overman, Larry; Snigdha, Shikha  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** The Regents of The University of California  
**(11)** AU-B-2015302025  
**(21)** 2015302025 **(22)** 06.08.2015  
**(54)** Continuous analyte sensor  
**(51)** Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**(87)** WO2016/025297  
**(31)** 62/052,670 **(32)** 19.09.14 **(33)** US  
 62/035,985 11.08.14 US  
**(43)** 18.02.2016  
**(44)** 19.08.2021  
**(72)** Botvinick, Elliot L.; Weidling, John; White, Sean  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** The United States of America, as represented by the Secretary, Department of Health and Human Services  
**(11)** AU-B-2015315726  
**(21)** 2015315726 **(22)** 14.08.2015  
**(54)** Lentiviral vector for treating hemoglobin disorders  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(87)** WO2016/039933  
**(31)** 62/048,881 **(32)** 11.09.14 **(33)** US  
**(43)** 17.03.2016  
**(44)** 19.08.2021  
**(72)** Uchida, Naoya; Tisdale, John F.  
**(74)** Spruson & Ferguson

**(71)** The University of Melbourne  
**(11)** AU-B-2018233577  
**(21)** 2018233577 **(22)** 14.03.2018  
**(54)** Treatment for gingivitis  
**(51)** Int. Cl.  
**A61K 6/838** ( 2020.01 )  
**(87)** WO2018/165708  
**(31)** 2017900893 **(32)** 14.03.17 **(33)** AU  
**(43)** 20.09.2018  
**(44)** 19.08.2021  
**(72)** Reynolds, Eric Charles  
**(74)** FPA Patent Attorneys Pty Ltd

**The Walter and Eliza Hall Institute of Medical Research see University of Utah Research Foundation**  
**(21)** 2017298565

**(71)** Think Tank 42 Pty. Ltd.  
**(11)** AU-B-2017285710  
**(21)** 2017285710 **(22)** 16.06.2017  
**(54)** A method and system for carbon capture and recycling  
**(51)** Int. Cl.  
**B01D 53/62** ( 2006.01 )  
**C07C 1/12** ( 2006.01 )  
**C07C 2/76** ( 2006.01 )  
**C07C 11/24** ( 2006.01 )  
**(87)** WO2017/214687  
**(31)** 2016902386 **(32)** 18.06.16 **(33)** AU  
**(43)** 21.12.2017  
**(44)** 19.08.2021  
**(72)** Lewis, Andrew  
**(74)** Davies Collison Cave Pty Ltd

**Tohoku Techno Arch Co., Ltd. see Mitsubishi Gas Chemical Company, Inc.**  
**(21)** 2017209394

**(71)** ToolGen Incorporated  
**(11)** AU-B-2017308473  
**(21)** 2017308473 **(22)** 14.08.2017  
**(54)** Manipulated immunoregulatory element and immunity altered thereby  
**(51)** Int. Cl.  
**C12N 15/63** ( 2006.01 )  
**A61K 35/14** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )

Applications Accepted - Name Index cont'd

**C12N 9/22** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**(87)** WO2018/030874  
**(31)** 62/502,822 **(32)** 08.05.17 **(33)** US  
 10-2016-0103308 12.08.16 KR  
**(43)** 15.02.2018  
**(44)** 19.08.2021  
**(72)** Kim, Seok Joong; Kim, Yoon-Young;  
 Yu, Ho-Sung; Jung, In-Young; Lee,  
 Jung Min  
**(74)** Griffith Hack

**(71)** TRACTO-TECHNIK GmbH & Co. KG  
**(11)** AU-B-2016204423  
**(21)** 2016204423 **(22)** 28.06.2016  
**(54)** PERCUSSION BORING DEVICE AND  
 METHOD FOR REVERSING A PER-  
 CUSSION BORING DEVICE  
**(51)** Int. Cl.  
**E21B 4/14** ( 2006.01 )  
**E21B 1/26** ( 2006.01 )  
**E21B 7/20** ( 2006.01 )  
**E21B 7/26** ( 2006.01 )  
**(31)** 10 2015 008 339.2 **(32)** 01.07.15 **(33)** DE  
**(43)** 19.01.2017  
**(44)** 19.08.2021  
**(72)** Völkel, Gerhard; Balve, Gerhard  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Trespa International B.V.  
**(11)** AU-B-2017221752  
**(21)** 2017221752 **(22)** 17.02.2017  
**(54)** A decorative panel  
**(51)** Int. Cl.  
**B44C 5/04** ( 2006.01 )  
**F21V 33/00** ( 2006.01 )  
**(87)** WO2017/142412  
**(31)** 2016282 **(32)** 18.02.16 **(33)** NL  
**(43)** 24.08.2017  
**(44)** 19.08.2021  
**(72)** Kjellander, Birgitta Katarina Charlotte;  
 Komhoff, Henricus Hubertus Maria  
**(74)** Adams Pluck

**(71)** Trinity Bay Equipment Holdings, LLC  
**(11)** AU-B-2020210202  
**(21)** 2020210202 **(22)** 29.07.2020  
**(54)** PIPE END FITTING WITH IMPROVED  
 VENTING  
**(51)** Int. Cl.  
**F16L 21/00** ( 2006.01 )  
**(43)** 20.08.2020  
**(44)** 19.08.2021  
**(62)** 2018206739  
**(72)** Hegler, Matthew Allen; Heaton, Andrew  
 James  
**(74)** Dark IP

**(71)** TRIUMF Inc.  
**(11)** AU-B-2020203637  
**(21)** 2020203637 **(22)** 02.06.2020  
**(54)** Target system for irradiation of molyb-  
 denum with particle beams  
**(51)** Int. Cl.  
**H05H 6/00** ( 2006.01 )  
**A61B 6/00** ( 2006.01 )  
**(43)** 25.06.2020

**(44)** 19.08.2021  
**(62)** 2015251477  
**(72)** ZEISLER, Stefan K.; HANEMAAYER,  
 Victoire; BUCKLEY, Kenneth R.  
**(74)** Spruson & Ferguson

**(71)** Troy Technology II, Inc.  
**(11)** AU-B-2017311045  
**(21)** 2017311045 **(22)** 05.08.2017  
**(54)** Stable aqueous dispersions of biocides  
**(51)** Int. Cl.  
**C09D 5/16** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 43/52** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 47/12** ( 2006.01 )  
**A01N 47/32** ( 2006.01 )

**(87)** WO2018/031429  
**(31)** 15/234,621 **(32)** 11.08.16 **(33)** US  
**(43)** 15.02.2018  
**(44)** 19.08.2021  
**(72)** Colon, Ismael; Valpey, Richard S.;  
 Smith, W. Brian  
**(74)** Spruson & Ferguson

**(71)** Tsinghua University; Beijing Protgen  
 Ltd.  
**(11)** AU-B-2015342324  
**(21)** 2015342324 **(22)** 03.11.2015  
**(54)** Drug for inhibiting adipose cell differen-  
 tiation and insulin resistance  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 5/50** ( 2006.01 )

**(87)** WO2016/070798  
**(31)** 201410610777.X **(32)** 03.11.14 **(33)** CN  
 201510021469.8 15.01.15 CN  
**(43)** 12.05.2016  
**(44)** 19.08.2021  
**(72)** Luo, Yongzhang; Wang, Hui; Li, Hui;  
 Lu, Xinan; Fu, Yan; Zhan, Shunli; Zhou,  
 Daifu  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Uber Technologies, Inc.  
**(11)** AU-B-2016355605  
**(21)** 2016355605 **(22)** 21.11.2016  
**(54)** Controlling autonomous vehicles in  
 connection with transport services  
**(51)** Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**B60W 30/00** ( 2006.01 )  
**G01S 19/01** ( 2010.01 )  
**G05D 1/00** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
**G08G 1/00** ( 2006.01 )  
**H04W 4/00** ( 2009.01 )  
**H04W 12/06** ( 2009.01 )

**(87)** WO2017/087984  
**(31)** 62/258,066 **(32)** 20.11.15 **(33)** US  
 15/358,033 21.11.16 US  
**(43)** 26.05.2017  
**(44)** 19.08.2021  
**(72)** Sweeney, Matthew; Bartel, Emily;  
 Valois, Jean-Sebastien  
**(74)** Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Unicharm Corporation  
**(11)** AU-B-2016376509  
**(21)** 2016376509 **(22)** 12.09.2016  
**(54)** Litter box  
**(51)** Int. Cl.  
**A01K 23/00** ( 2006.01 )  
**A01K 1/01** ( 2006.01 )  
**A01K 67/00** ( 2006.01 )  
**(87)** WO2017/110161  
**(31)** 2015-253029 **(32)** 25.12.15 **(33)** JP  
**(43)** 29.06.2017  
**(44)** 19.08.2021  
**(72)** Kaneko, Shinya  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Universidad de la Habana; Centro de  
 Investigación y Desarrollo de Medica-  
 mentos Cidem  
**(11)** AU-B-2017259749  
**(21)** 2017259749 **(22)** 03.05.2017  
**(54)** Phenol compound and combination  
 of same with a benzodiazepine fused  
 to 1,4-dihydropyridine for treating dis-  
 eases of the central nervous and vas-  
 cular systems  
**(51)** Int. Cl.  
**C07D 319/06** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/357** ( 2006.01 )  
**A61K 47/06** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**(87)** WO2017/190714  
**(31)** 2016-0059 **(32)** 04.05.16 **(33)** CU  
**(43)** 09.11.2017  
**(44)** 19.08.2021  
**(72)** Ochoa Rodríguez, Estael; Verdecia  
 Reyes, Yamila; Núñez Figueredo,  
 Yanier; Ramírez Sánchez, Jeney;  
 Wong Guerra, Maylin; Fonseca Fon-  
 seca, Luis Arturo; Pardo Andreu, Gil-  
 berto Lázaro; Canaán-Haden Navarro,  
 Claudia Amanda; Mondelo Rodríguez,  
 Abel; Bárzaga Fernández, Pedro Gil-  
 berto; González Alfonso, Nicté; Del-  
 gado Hernández, René; Padrón Yaquis,  
 Alejandro Saúl  
**(74)** FB Rice Pty Ltd

**Universite Paris Diderot - Paris 7 see Com-  
 missariat A L'Energie Atomique et aux En-  
 ergies Alternatives**  
**(21)** 2015332668

**University of Southern California see  
 Board of Supervisors of Louisiana State  
 University and Agricultural and Mechanic-  
 al College**  
**(21)** 2018239239

**(71)** University of Utah Research Founda-  
 tion; The Walter and Eliza Hall Institute  
 of Medical Research  
**(11)** AU-B-2017298565

Applications Accepted - Name Index cont'd

- (21) 2017298565 (22) 21.07.2017  
 (54) Insulin analogs  
 (51) Int. Cl.  
**C07K 14/62** ( 2006.01 )  
**A61K 38/28** ( 2006.01 )
- (87) WO2018/014091  
 (31) 62/483,118 (32) 07.04.17 (33) US  
 2016902883 22.07.16 AU  
 (43) 25.01.2018  
 (44) 19.08.2021  
 (72) Menting, John Gerbrandt Tasman;  
 Smith, Brian; Chou, Danny Hung-  
 Chieh; Safavi-Hemami, Helena;  
 Lawrence, Michael Colin; Baldomero,  
 Olivera M.  
 (74) FB Rice Pty Ltd
- 
- (71) UTI Limited Partnership  
 (11) AU-B-2017285725  
 (21) 2017285725 (22) 13.06.2017  
 (54) Methods and compositions for modulat-  
 ing opioid withdrawal symptoms  
 (51) Int. Cl.  
**G01N 33/15** ( 2006.01 )  
**A61K 31/196** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 25/36** ( 2006.01 )  
**C07C 311/16** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )
- (87) WO2017/214725  
 (31) 62/349,327 (32) 13.06.16 (33) US  
 (43) 21.12.2017  
 (44) 19.08.2021  
 (72) Trang, Tuan; Burma, Nicole  
 (74) Spruson & Ferguson
- 
- (71) Verinata Health, Inc.  
 (11) AU-B-2015266665  
 (21) 2015266665 (22) 29.05.2015  
 (54) Detecting fetal sub-chromosomal an-  
 euploidies and copy number variations  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )
- (87) WO2015/184404  
 (31) 62/005,877 (32) 30.05.14 (33) US  
 (43) 03.12.2015  
 (44) 19.08.2021  
 (72) Chudova, Darya I.; Abdueva, Diana  
 (74) Spruson & Ferguson
- 
- (71) Vertex Pharmaceuticals Incorporated  
 (11) AU-B-2015350049  
 (21) 2015350049 (22) 18.11.2015  
 (54) Process of conducting high throughput  
 testing high performance liquid chroma-  
 tography  
 (51) Int. Cl.  
**G01N 30/06** ( 2006.01 )  
**G01N 1/38** ( 2006.01 )  
**G01N 30/88** ( 2006.01 )
- (87) WO2016/081556  
 (31) 62/081,181 (32) 18.11.14 (33) US  
 (43) 26.05.2016
- 
- (71) ViaCyte, Inc.  
 (11) AU-B-2021202943  
 (21) 2021202943 (22) 10.05.2021  
 (54) IN VITRO DIFFERENTIATION OF  
 PLURIPOTENT STEM CELLS TO  
 PANCREATIC ENDODERM CELLS  
 (PEC) AND ENDOCRINE CELLS  
 (51) Int. Cl.  
**C12N 5/0735** ( 2010.01 )
- (43) 03.06.2021  
 (44) 19.08.2021  
 (62) 2019264658  
 (72) D'Amour, Kevin; Agulnick, Alan  
 (74) RnB IP Pty Ltd
- 
- (71) Vifor (International) AG  
 (11) AU-B-2018253864  
 (21) 2018253864 (22) 18.04.2018  
 (54) Ferroportin-inhibitor salts  
 (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )
- (87) WO2018/192973  
 (31) 17166907.0 (32) 18.04.17 (33) EP  
 (43) 25.10.2018  
 (44) 19.08.2021  
 (72) Morris, Collin D.; Blatter, Fritz; Lapad-  
 ula, Giuseppe; Reim, Stefan; Burgert,  
 Michael; Philipp, Erik  
 (74) Spruson & Ferguson
- 
- (71) Vivo Mobile Communication Co., Ltd.  
 (11) AU-B-2019205055  
 (21) 2019205055 (22) 02.01.2019  
 (54) Time frequency synchronization meth-  
 od, network device, and terminal  
 (51) Int. Cl.  
**H04W 52/02** ( 2009.01 )
- (87) WO2019/134643  
 (31) 201810012587.6 (32) 05.01.18 (33) CN  
 (43) 11.07.2019  
 (44) 19.08.2021  
 (72) WU, Kai; SUN, Peng; PAN, Xueming  
 (74) Shelston IP Pty Ltd.
- 
- (71) Volin, D.  
 (11) AU-B-2019241923  
 (21) 2019241923 (22) 14.03.2019  
 (54) ADJUSTABLE COLLAPSIBLE CAN-  
 OPY SYSTEM  
 (51) Int. Cl.  
**E04H 15/50** ( 2006.01 )  
**E04H 15/16** ( 2006.01 )  
**E04H 15/18** ( 2006.01 )  
**E04H 15/54** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )
- (87) WO2019/190768  
 (31) 15/939,299 (32) 29.03.18 (33) US  
 (43) 03.10.2019
- 
- (44) 19.08.2021  
 (72) Borsje, Eric; Rasmussen, Henrik Tor-  
 stholm  
 (74) Spruson & Ferguson
- 
- (44) 19.08.2021  
 (72) VOLIN, Dee  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2018347852  
 (21) 2018347852 (22) 12.09.2018  
 (54) Telescoping prosthetic valve and deliv-  
 ery system  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )
- (87) WO2019/074607  
 (31) 62/572,281 (32) 13.10.17 (33) US  
 62/579,762 31.10.17 US  
 16/129,779 12.09.18 US
- (43) 18.04.2019  
 (44) 19.08.2021  
 (72) HAARER, Joshua C.; HARTMAN, Cody  
 L.; MANYGOATS Jr., Roy.; TITONE,  
 Ryan S.; TITTELBAUGH, Eric M.  
 (74) Griffith Hack
- 
- (71) W & H Dentalwerk Bürmoos GmbH  
 (11) AU-B-2020204220  
 (21) 2020204220 (22) 25.06.2020  
 (54) Carrier element for supporting at least  
 one medical or dental instrument in a  
 cleaning or care device  
 (51) Int. Cl.  
**A61C 19/02** ( 2006.01 )
- (31) 19185658.2 (32) 11.07.19 (33) EP  
 (43) 28.01.2021  
 (44) 19.08.2021  
 (72) PRUCKNER, Christian; KAINHOFER,  
 Manfred; REITER, Michael  
 (74) FB Rice Pty Ltd
- 
- (71) Walding, D.  
 (11) AU-B-2016282067  
 (21) 2016282067 (22) 21.06.2016  
 (54) Improving surf conditions  
 (51) Int. Cl.  
**E02B 3/02** ( 2006.01 )  
**A63C 19/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**E02F 3/00** ( 2006.01 )  
**E02F 5/00** ( 2006.01 )
- (87) WO2016/205859  
 (31) 2015902440 (32) 24.06.15 (33) AU  
 (43) 29.12.2016  
 (44) 19.08.2021  
 (72) Walding, Daniel  
 (74) BRM Patent Attorneys Pty Ltd
- 
- (71) Walter Maschinenbau GmbH  
 (11) AU-B-2016330125  
 (21) 2016330125 (22) 30.08.2016  
 (54) Conveying device for conveying a work-  
 piece  
 (51) Int. Cl.  
**B23Q 1/54** ( 2006.01 )  
**B23Q 7/04** ( 2006.01 )  
**B25J 15/00** ( 2006.01 )  
**B25J 18/00** ( 2006.01 )
- (87) WO2017/054995  
 (31) 10 2015 116 582.1 (32) 30.09.15 (33) DE  
 (43) 06.04.2017

Applications Accepted - Name Index cont'd

(44) 19.08.2021  
 (72) Gussmann, Lukas  
 (74) Spruson & Ferguson

---

**Wang, S. see Chongqing Lingshi Agricultural Technology Co., Ltd.**  
 (21) 2018403388

---

(71) WAYE, LLC  
 (11) AU-B-2019205451  
 (21) 2019205451 (22) 08.01.2019  
 (54) Method and apparatus for route planning  
 (51) Int. Cl.  
**G05D 1/00** ( 2006.01 )  
 (87) WO2019/136472  
 (31) 62/614,951 (32) 08.01.18 (33) US  
 (43) 11.07.2019  
 (44) 19.08.2021  
 (72) HO, William P.C.  
 (74) FB Rice Pty Ltd

---

(71) Weatherford Technology Holdings, LLC  
 (11) AU-B-2016304900  
 (21) 2016304900 (22) 11.08.2016  
 (54) Tool detection and alignment for tool installation  
 (51) Int. Cl.  
**E21B 3/02** ( 2006.01 )  
**E21B 19/00** ( 2006.01 )  
 (87) WO2017/027647  
 (31) 62/203,692 (32) 11.08.15 (33) US  
 (43) 16.02.2017  
 (44) 19.08.2021  
 (72) Hebebrand, Christina Karin; Thiemann, Bjoern; Liess, Martin; Wern, Frank; Zouhair, Aicam; Ownby, John Fielding  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

---

(71) WEBB, C.  
 (11) AU-B-2016210624  
 (21) 2016210624 (22) 02.08.2016  
 (54) AUTOMATED SHEEP ORGANISER SYSTEM  
 (51) Int. Cl.  
**A01K 1/00** ( 2006.01 )  
 (31) 2016900691 (32) 26.02.16 (33) AU  
 (43) 14.09.2017  
 (44) 19.08.2021  
 (72) WEBB, Charles Gordon  
 (74) ACROGON GROUP PTY LTD

---

(71) WisTa Laboratories Ltd.  
 (11) AU-B-2017381914  
 (21) 2017381914 (22) 21.12.2017  
 (54) Synthesis of a thiosulfonic acid by a step of periodate mediated oxidative coupling of a thiosulfonic acid with an aniline  
 (51) Int. Cl.  
**C09B 21/00** ( 2006.01 )  
**C07D 279/18** ( 2006.01 )  
**C09B 55/00** ( 2006.01 )  
 (87) WO2018/115292  
 (31) 1621817.4 (32) 21.12.16 (33) GB

(43) 28.06.2018  
 (44) 19.08.2021  
 (72) Sinclair, James Peter; Nicoll, Sarah Louise; Storey, John Mervyn David; Larch, Christopher Paul  
 (74) FB Rice Pty Ltd

---

(71) Wix.com Ltd.  
 (11) AU-B-2020200349  
 (21) 2020200349 (22) 17.01.2020  
 (54) Device, system, and method of website building by utilizing data lists  
 (51) Int. Cl.  
**G06F 3/0481** ( 2013.01 )  
 (43) 06.02.2020  
 (44) 19.08.2021  
 (62) 2014229331  
 (72) KAUFMAN, Amit; HOLLANDER, Oren; ABRAHAMI, Nadav; TOBISEK, Jiri  
 (74) Cotters Patent & Trade Mark Attorneys

---

(71) Wm. Wrigley Jr. Company  
 (11) AU-B-2016380935  
 (21) 2016380935 (22) 16.12.2016  
 (54) Methods for identifying carbon derived from natural sources  
 (51) Int. Cl.  
**G01N 33/02** ( 2006.01 )  
**G01N 30/88** ( 2006.01 )  
 (87) WO2017/116753  
 (31) 62/273,514 (32) 31.12.15 (33) US  
 (43) 06.07.2017  
 (44) 19.08.2021  
 (72) Morgret, Leslie; Phillips, David; Urnezis, Philip  
 (74) Spruson & Ferguson

---

(71) Wright Medical Technology, Inc.  
 (11) AU-B-2019213412  
 (21) 2019213412 (22) 09.08.2019  
 (54) Ankle replacement system and method  
 (51) Int. Cl.  
**A61B 17/88** ( 2006.01 )  
**A61B 17/14** ( 2006.01 )  
**A61B 17/15** ( 2006.01 )  
**A61B 17/90** ( 2006.01 )  
 (43) 12.09.2019  
 (44) 19.08.2021  
 (62) 2018200073  
 (72) STEMNISKI, Paul; MCGINLEY, Shawn E.; DHILLON, Braham K.; LUNA, Ramon; HOWLES, Robert M.; PATEL, Vinay; REYNOLDS, David G; NACHTRAB, Dean; FREE, Daniel E.; SCHULTZ, Matthew D.; LOWERY, Gary W; PENNER, Murray J.  
 (74) Spruson & Ferguson

---

(71) Xinjiang Goldwind Science & Technology Co., Ltd.  
 (11) AU-B-2017433607  
 (21) 2017433607 (22) 25.12.2017  
 (54) Tower portion, tower, wind turbine generator assembly and method for manufacturing tower portion  
 (51) Int. Cl.

**F03D 13/20** ( 2016.01 )  
 (87) WO2019/061891  
 (31) 201710920075.5 (32) 30.09.17 (33) CN  
 (43) 04.04.2019  
 (44) 19.08.2021  
 (72) ZHANG, Ziping; CAO, Xudong; LIU, Jinlei  
 (74) Madderns Pty Ltd

---

(71) Yoshino Gypsum Co., Ltd.  
 (11) AU-B-2017218218  
 (21) 2017218218 (22) 06.02.2017  
 (54) Gypsum-based board manufacturing apparatus  
 (51) Int. Cl.  
**B28C 7/04** ( 2006.01 )  
**B01F 3/04** ( 2006.01 )  
**B01F 3/12** ( 2006.01 )  
**B01F 7/26** ( 2006.01 )  
 (87) WO2017/138498  
 (31) 2016-023897 (32) 10.02.16 (33) JP  
 (43) 17.08.2017  
 (44) 19.08.2021  
 (72) Hirooka, Yuichi; Ishibashi, Seigo; Yoshida, Masaru  
 (74) Spruson & Ferguson

---

(71) Zen Ecosystems IP Pty Ltd  
 (11) AU-B-2020244598  
 (21) 2020244598 (22) 02.10.2020  
 (54) Consumer product system  
 (51) Int. Cl.  
**G06F 1/16** ( 2006.01 )  
**G05B 15/00** ( 2006.01 )  
**H01R 13/73** ( 2006.01 )  
**H01R 13/74** ( 2006.01 )  
 (43) 05.11.2020  
 (44) 19.08.2021  
 (62) 2015222683  
 (72) Druce, Benjamin; Sebastiani, Marco; Stimson, Jeremy Phillip; Smith, Rohan; Loscher, Alina  
 (74) Pini IP

---

(71) Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd.  
 (11) AU-B-2020203289  
 (21) 2020203289 (22) 20.05.2020  
 (54) Louver Canopy  
 (51) Int. Cl.  
**E04F 10/10** ( 2006.01 )  
**E04D 13/04** ( 2006.01 )  
**E04H 15/54** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )  
 (31) 201910423880.6 (32) 21.05.19 (33) CN  
 (43) 10.12.2020  
 (44) 19.08.2021  
 (72) SHAN, Caihua; XU, Gaoyang; SHAN, Yucheng; HAN, Chao; DING, Jie; YIN, Ruzhong; LIANG, Rixin; ZHOU, Zheng; HAN, Yongna; ZHOU, Ji; NI, Kaiyu  
 (74) A.P.T. Patent and Trade Mark Attorneys

---

(71) ZHEJIANG JINKOSOLAR CO.,LTD.; JINKO SOLAR CO., LTD.  
 (11) AU-B-2020277115

Applications Accepted - Name Index cont'd

(21) 2020277115 (22) 24.11.2020  
 (54) SOLAR CELL  
 (51) Int. Cl.  
*H01L 31/042* ( 2014.01 )  
 (31) 202011192543X (32) 30.10.20 (33) CN  
 (43) 19.08.2021  
 (44) 19.08.2021  
 (72) JIN, Jingsheng; ZHANG, Xinyu; YANG,  
 Nannan  
 (74) AJ Pietras IP Limited

---

(71) ZTE Corporation  
 (11) AU-B-2019207128  
 (21) 2019207128 (22) 11.01.2019  
 (54) Data transmission method and apparatus,  
 terminal, and base station  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/137451  
 (31) 201810031211.X (32) 12.01.18 (33) CN  
 (43) 18.07.2019  
 (44) 19.08.2021  
 (72) DAI, Bo; YUAN, Zhifeng; LIU, Kun; DU,  
 Zhongda; YUAN, Yifei  
 (74) Davies Collison Cave Pty Ltd



Numerical Index

<b>2013351959</b>	Haddish, I.	<b>2016285853</b>	Immunomedics, Inc.
<b>2014410198</b>	Lantheus Medical Imaging, Inc.	<b>2016292829</b>	Outokumpu Oyj
<b>2015222102</b>	Bayer Animal Health GmbH	<b>2016293294</b>	De La Rue International Limited
<b>2015243881</b>	Ginkgo Bioworks, Inc.	<b>2016294554</b>	De La Rue International Limited
<b>2015249099</b>	Hodge Systems Pty Ltd	<b>2016295168</b>	Alnylam Pharmaceuticals, Inc.
<b>2015249554</b>	Juno Therapeutics, Inc.	<b>2016296592</b>	Arcturus Therapeutics, Inc.
<b>2015266665</b>	Verinata Health, Inc.	<b>2016297555</b>	AI Therapeutics, Inc.
<b>2015270298</b>	Illumina Cambridge Limited	<b>2016297601</b>	Bodor Laboratories, Inc.
<b>2015273218</b>	Illumina Cambridge Limited	<b>2016297890</b>	Nymox Corporation
<b>2015275227</b>	Schneider Electric (Australia) Pty Limited	<b>2016301111</b>	ASSA ABLOY Australia Pty Limited
<b>2015277369</b>	The Johns Hopkins University	<b>2016304900</b>	Weatherford Technology Holdings, LLC
<b>2015289027</b>	Qiagen GmbH	<b>2016305473</b>	Northeastern University; Dana-Farber Cancer Institute, Inc.; The Brigham and Women's Hospital, Inc.
<b>2015302025</b>	The Regents of The University of California		De' Longhi Appliances S.r.l. Con Unico Socio
<b>2015315726</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services	<b>2016305735</b>	Caterpillar Inc.
<b>2015332668</b>	Commissariat A L'Energie Atomique et aux Energies Alternatives; Universite Paris Diderot - Paris 7; Assistance Publique Hopitaux de Paris	<b>2016306176</b>	Bianchi, Z.
		<b>2016306708</b>	Johnson & Johnson Consumer Inc.
<b>2015334495</b>	Serum Institute of India Private Limited	<b>2016307932</b>	Boehringer Ingelheim Vetmedica GmbH
<b>2015336950</b>	LaserBond Limited	<b>2016310535</b>	Sweetch Energy; Centre National de la Recherche Scientifique (CNRS)
<b>2015342324</b>	Tsinghua University; Beijing Protgen Ltd.	<b>2016313787</b>	
<b>2015346150</b>	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	<b>2016320391</b>	Philip Morris Products S.A.
<b>2015347177</b>	Commvault Systems, Inc.	<b>2016329504</b>	NanoTemper Technologies GmbH
<b>2015349644</b>	Memorial Sloan Kettering Cancer Center	<b>2016330125</b>	Walter Maschinenbau GmbH
<b>2015350049</b>	Vertex Pharmaceuticals Incorporated	<b>2016335091</b>	Dolby International AB
<b>2015358537</b>	Evolved by Nature, Inc.	<b>2016337029</b>	Medical Microinstruments S.p.A.
<b>2015366081</b>	Mobidiag Ltd	<b>2016337531</b>	Nutech Ventures
<b>2015372430</b>	Tata Steel Limited	<b>2016339738</b>	Becton Dickinson Rowa Germany GmbH
<b>2015391981</b>	Atamaniuk, V.; Novyk, A.	<b>2016339741</b>	Becton Dickinson Rowa Germany GmbH
<b>2015403433</b>	Certis Cisco Security Pte Ltd	<b>2016342501</b>	RMD Innovations Pty. Ltd.
<b>2015410635</b>	Kimberly-Clark Worldwide, Inc.	<b>2016342919</b>	Sumitomo Electric Industries, Ltd.
<b>2015412337</b>	Equinor Energy AS	<b>2016343849</b>	Auris Health, Inc.
<b>2016200605</b>	AMERICAN GREETINGS CORPORATION	<b>2016343893</b>	AxoGen Corporation
<b>2016200631</b>	Alstom Transport Technologies	<b>2016344178</b>	Bayer HealthCare LLC
<b>2016203316</b>	Secure International Holdings Pte. Ltd	<b>2016344585</b>	Ecole Polytechnique Fédérale de Lausanne (EPFL)
<b>2016203971</b>	DONALDSON, M.; PINCHEN, D.	<b>2016350155</b>	Agrowing Ltd
<b>2016204423</b>	TRACTO-TECHNIK GmbH & Co. KG	<b>2016350701</b>	Five Prime Therapeutics, Inc.
<b>2016206278</b>	Johnson & Johnson Consumer Inc.	<b>2016353972</b>	HUECK Rheinische GmbH
<b>2016210624</b>	WEBB, C.	<b>2016355268</b>	Senhwa Biosciences, Inc.
<b>2016215581</b>	Kerastem Technologies LLC	<b>2016355605</b>	Uber Technologies, Inc.
<b>2016222290</b>	FLAIM Systems Pty Ltd	<b>2016356551</b>	NORSK HYDRO ASA
<b>2016227655</b>	Merz Pharma GmbH & Co. KGaA	<b>2016357641</b>	Discovery Limited; Cambridge Mobile Telematics
<b>2016228748</b>	The General Hospital Corporation	<b>2016360527</b>	PBU (UK) Ltd.
<b>2016232771</b>	Omnicyte	<b>2016363672</b>	Deakin University; Monash University
<b>2016233426</b>	Indiana University Research and Technology Corporation; Cunha De Almeida, R.	<b>2016365309</b>	Butterfly Network, Inc.
		<b>2016368580</b>	60° Pharmaceuticals LLC; National University of Singapore; Singapore Health Services Pte Ltd.
<b>2016244038</b>	Cepheid	<b>2016372161</b>	Amazon Technologies, Inc.
<b>2016248341</b>	Symic OA ApS	<b>2016374641</b>	LifeStyles Healthcare Pte. Ltd.
<b>2016249521</b>	Memorial Sloan Kettering Cancer Center	<b>2016375994</b>	Immunocore Limited
<b>2016252489</b>	GMM S.p.A.	<b>2016376509</b>	Unicharm Corporation
<b>2016256239</b>	Bayer CropScience NV	<b>2016379081</b>	Flo-Rite, Inc.
<b>2016256565</b>	SCW Systems B.V.	<b>2016379390</b>	Prodeon, Inc.
<b>2016256581</b>	miRdetect GmbH	<b>2016379435</b>	John Zink Company, LLC
<b>2016259362</b>	AgJunction LLC	<b>2016380597</b>	Samsung Electronics Co., Ltd.
<b>2016259815</b>	Biomérieux; Hospices Civils de Lyon; Centre Hospitalier Universitaire de Nantes	<b>2016380935</b>	Wm. Wrigley Jr. Company
		<b>2016383476</b>	Paul Hartmann AG
<b>2016261642</b>	Stryker Corporation	<b>2016397050</b>	Superdielectrics Ltd
<b>2016262576</b>	Magic Leap, Inc.	<b>2016413696</b>	Kvadrat Soft Cells A/S
<b>2016264137</b>	Agile Therapeutics, Inc.	<b>2016416776</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2016264994</b>	JJ Gaming S.R.L.	<b>2016420064</b>	Shanghai Green Valley Pharmaceutical Co., Ltd.
<b>2016266114</b>	GE Global Sourcing LLC	<b>2016423182</b>	Halliburton Energy Services, Inc.
<b>2016269629</b>	Koninklijke Philips N.V.	<b>2017200187</b>	Deere & Company
<b>2016270679</b>	Jadi Cell LLC	<b>2017201002</b>	Media Global Links Co., Ltd.
<b>2016276042</b>	Dupont Industrial BioSciences USA, LLC	<b>2017201752</b>	Pall Corporation
<b>2016277706</b>	Romteck Australia Pty Ltd	<b>2017204297</b>	Adobe Inc.
<b>2016278088</b>	GW Research Limited	<b>2017207081</b>	Sumitomo Electric Industries, Ltd.
<b>2016280614</b>	Spectrum Brands, Inc.	<b>2017208031</b>	Swedish Biomimetics 3000 Limited
<b>2016282067</b>	Walding, D.		

Applications Accepted - Numerical Index cont'd

2017209394	Mitsubishi Gas Chemical Company, Inc.; Tohoku Techno Arch Co., Ltd.	2017420091	Siemens Aktiengesellschaft
2017212659	MonoSol, LLC	2017433607	Xinjiang Goldwind Science & Technology Co., Ltd.
2017214441	Genovis AB	2017437650	Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd
2017215197	iRobot Corporation	2017442632	Colgate-Palmolive Company
2017216249	Cafetto Pty Ltd	2017444848	Mitsubishi Electric Corporation
2017218218	Yoshino Gypsum Co., Ltd.	2018200164	Adobe Inc.
2017218679	AMO Groningen B.V.	2018202996	EPIPLANTA BIOTECH LTD.
2017219700	Paul Hartmann AG	2018203392	Adobe Inc.
2017219851	Immatics Biotechnologies GmbH	2018205185	Adobe Inc.
2017220928	Shenzhen New Tenon Co., Ltd.	2018215766	LG Electronics Inc.
2017221752	Trespa International B.V.	2018220861	Isofol Medical AB
2017226682	Adeka Corporation	2018221704	Denali Therapeutics Inc.
2017228372	S.C. Johnson & Son, Inc.	2018222446	LG Electronics Inc.
2017229591	Blade Therapeutics Pty Ltd	2018231032	Theravance Biopharma R&D IP, LLC
2017232097	Scientific Games Holdings Limited	2018233577	The University of Melbourne
2017232747	Sumitomo Metal Mining Co., Ltd.	2018239239	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
2017232748	Sumitomo Metal Mining Co., Ltd.	2018243432	ExxonMobil Upstream Research Company
2017240482	Becton, Dickinson and Company	2018246301	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven
2017240614	Samsung Electronics Co., Ltd.	2018247287	Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation
2017240745	BioNTech US Inc.	2018247306	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2017241749	Lubrizol Advanced Materials, Inc.	2018249675	Inventiva
2017247367	Leibniz-Institut Für Polymerforschung Dresden E. V.	2018253636	Adobe Inc.
2017247607	Immatics Biotechnologies GmbH	2018253864	Vifor (International) AG
2017248082	Huygens AS	2018261359	Baker Hughes Holdings, LLC
2017257932	Cosmed Pharmaceutical Co., Ltd.	2018277980	Sumitomo Chemical Company, Limited
2017259749	Universidad de la Habana; Centro de Investigación y Desarrollo de Medicamentos Cidem	2018283184	Emulate, Inc.
2017259983	Natural Fiber Welding, Inc.	2018283724	Indivior UK Limited
2017262479	Kimberly-Clark Worldwide, Inc.	2018294443	Shoolman, Y.; Steinberg, Y.; Gottlieb, Y.; Agra, O.
2017268028	Form 700 Pty Ltd	2018297343	Nextivity, Inc.
2017271387	Kuster, M.	2018298874	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017273857	Athira Pharma, Inc.	2018302332	Novelis Inc.
2017274442	AbbVie Inc.	2018303643	Netflix, Inc.
2017274521	ChemoCentryx, Inc.	2018309117	Meishan CRRC Brake Science & Technology Co., Ltd.
2017275657	Cadent Therapeutics, Inc.	2018313596	LG Electronics Inc.
2017279512	Arrowhead Pharmaceuticals, Inc.	2018314879	Huawei Technologies Co., Ltd.
2017280028	CommScope Technologies LLC	2018326862	Sony Corporation
2017281686	Savox Communications Oy Ab (Ltd)	2018332189	Shilpa Medicare Limited
2017285710	Think Tank 42 Pty. Ltd.	2018338767	Telefonaktiebolaget LM Ericsson (publ)
2017285725	UTI Limited Partnership	2018347852	W. L. Gore & Associates, Inc.
2017293337	Johnson & Johnson Vision Care, Inc.	2018349050	Robert Bosch GmbH
2017294133	Reckitt Benckiser (Brands) Limited	2018352399	Fujitsu General Limited
2017298565	University of Utah Research Foundation; The Walter and Eliza Hall Institute of Medical Research	2018355267	Buffalo Filter LLC
2017301105	ENE-HUB PTY LTD	2018368575	Ocado Innovation Limited
2017308473	ToolGen Incorporated	2018372621	Guangzhou Xaircraft Technology Co., Ltd
2017308583	Qualcomm Incorporated	2018378967	ICON Health & Fitness, Inc.
2017310529	Nanjing Gator Meditech Company, Ltd.; Iwanowicz, E.	2018380026	Elekta, Inc.
2017311045	Troy Technology II, Inc.	2018381656	Midea Group Co., Ltd.
2017312441	AvaSure, LLC	2018389313	Impetis Biosciences Ltd.
2017324801	Purac Biochem BV	2018389685	Arcelormittal
2017325685	Ethicon, Inc.	2018398314	Nanjing Chervon Industry Co., Ltd.
2017325863	Entasis Therapeutics Limited	2018401246	Huawei Technologies Co., Ltd.
2017331280	TAM International, Inc.	2018403388	Chongqing Lingshi Agricultural Technology Co., Ltd.; Wang, S.
2017334335	Qualcomm Incorporated	2018410430	Fullarton Bioengineering Technology (Beijing) Co., Ltd
2017335242	Daiichi Sankyo Company, Limited	2018413755	IHI Corporation
2017339075	Etex Services NV	2018414653	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017347508	TAE Technologies, Inc.	2019201134	22nd Century Limited, LLC
2017348084	Magic Leap, Inc.	2019201235	Children's Medical Center Corporation; The General Hospital Corporation
2017353986	Arbutus Biopharma Corporation	2019201294	Clinical Genomics Pty Ltd; Commonwealth Scientific and Industrial Research Organisation
2017361251	H. Lundbeck A/S.	2019201961	Adobe Inc.
2017363252	Dana-Farber Cancer Institute, Inc.	2019202765	Afton Chemical Corporation
2017363257	Dana-Farber Cancer Institute, Inc.		
2017366529	Shanghai Institute of Materia Medica, Chinese Academy of Sciences		
2017376773	Nutrition & Biosciences USA 4, Inc.		
2017377949	Qualcomm Incorporated		
2017381914	WisTa Laboratories Ltd.		
2017386515	Omniome, Inc.		
2017402210	Suzhou Kanova Biopharmaceutical Co., Ltd.		
2017409559	Natco Pharma Limited		

Applications Accepted - Numerical Index cont'd

2019203679	Derrick Corporation	2020200288	Heartflow, Inc.
2019204032	Adobe Inc.	2020200349	Wix.com Ltd.
2019204050	Redarc Technologies Pty Ltd	2020200741	LG Electronics Inc.
2019204102	Nyxoah SA	2020200796	The Brigham & Women's Hospital Inc.
2019204395	Ab Initio Technology LLC	2020200858	Giesecke+Devrient Currency Technology GmbH
2019204830	Motz Enterprises, Inc.	2020201208	Monsanto Technology LLC
2019205055	Vivo Mobile Communication Co., Ltd.	2020201243	Dow AgroSciences LLC
2019205451	WAYE, LLC	2020201263	Dow AgroSciences LLC
2019205496	Illumina, Inc.	2020201290	FWP IP APS
2019206050	Strata Safety Products, LLC	2020201358	Intarcia Therapeutics, Inc.
2019206123	Maxsun (Dalian) Co., Ltd	2020201399	Borealis AG
2019207128	ZTE Corporation	2020201502	Cytec Industries Inc.
2019210641	LG Electronics Inc.	2020201513	HONEYWELL INTERNATIONAL INC.
2019213168	Fujitsu General Limited	2020201593	Adobe Inc.
2019213404	Adobe Inc.	2020201690	Altus NZ Limited
2019213412	Wright Medical Technology, Inc.	2020201849	Apple Inc.
2019215034	Nkmax Co., Ltd.	2020202217	Rusoh, Inc.
2019217656	SDI Limited	2020202237	TAIYUAN UNIVERSITY OF TECHNOLOGY; GUIYANG PLATEAU MINING MACHINERY COMPANY LIMITED
2019219729	British American Tobacco (Investments) Limited	2020202356	Paladin Intellectual Property Pty Ltd
2019219768	ECOVATIVE DESIGN LLC	2020202562	Google Technology Holdings LLC
2019219826	Regents of the University of Minnesota	2020202692	Sloan-Kettering Institute for Cancer Research
2019222685	Illumina, Inc.	2020202743	China University of Mining and Technology, Beijing
2019222729	Advanced New Technologies Co., Ltd.	2020203069	Biosense Webster (Israel) Ltd.
2019223182	Gilead Sciences, Inc.	2020203289	Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd.
2019226263	Stryker Corporation	2020203539	Becton, Dickinson and Company
2019229413	FUJIFILM Business Innovation Corp.	2020203637	TRIUMF Inc.
2019240586	Berkeley Lights, Inc.	2020203638	Baraja Pty Ltd
2019240604	Rolapal Limited	2020203639	Fine Forge Industry Corporation
2019240656	Case Western Reserve University	2020203852	SharkNinja Operating LLC
2019240730	BASF Plant Science Company GmbH	2020203862	Accenture Global Solutions Limited
2019241374	Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Haihe Biopharma Co., Ltd.; Jin-an University	2020203926	THE CHEMOURS COMPANY FC, LLC.
2019241923	Volin, D.	2020204171	Changchun Meihe Science And Technology Development Co., Ltd; The Coca-Cola Company
2019242054	Ricoh Company, Ltd.	2020204185	FMC Corporation
2019246902	The Regents of the University of California	2020204220	W & H Dentalwerk Bürmoos GmbH
2019248685	Huawei Technologies Co., Ltd.	2020204637	Revolutionary Medical Devices, Inc.
2019248760	Innova Patent GmbH	2020207777	Smith, A.
2019258117	Fronius International GmbH	2020210202	Trinity Bay Equipment Holdings, LLC
2019262739	Baker Hughes Holdings LLC	2020217356	Huawei Technologies Co., Ltd.
2019264540	Namvar, K.	2020220144	Google LLC
2019265168	HysensBio	2020226984	Dolby Laboratories Licensing Corporation
2019267088	Stenon GmbH	2020228607	BXB Digital Pty Limited
2019267352	Apple Inc.	2020244441	American Wave Machines, Inc
2019268120	Bosal ACPS Holding 2 B.V.	2020244520	Fujian Doofar Outdoor Sporting Goods Co., Ltd
2019268137	Minelab Electronics Pty. Limited	2020244598	Zen Ecosystems IP Pty Ltd
2019268184	Adobe Inc.	2020251790	Glow Path Pavers, LLC
2019272062	Illumina, Inc.	2020277099	GenesisCare Ventures Pty Ltd
2019274220	Aarbakke Innovation, AS	2020277115	ZHEJIANG JINKOSOLAR CO.,LTD.; JINKO SOLAR CO., LTD.
2019275575	Amazon Technologies, Inc.	2020277165	Intervet International B.V.
2019281790	Motorola Solutions, Inc.	2020281113	Biomet 3i, LLC
2019283933	Lungpacer Medical Inc.	2020327860	Entire R&D Ply Ltd
2019284023	Qualcomm Incorporated	2021201126	Becton, Dickinson and Company
2019294726	Advanced New Technologies Co., Ltd.	2021202136	IsoLynx, LLC
2019299868	Hefei Midea Refrigerator Co., Ltd.; Hefei Hualing Co., Ltd.; Midea Group Co., Ltd.	2021202943	ViaCyte, Inc.
2019303114	Mitsubishi Electric Corporation		
2019307835	Biofidelity Ltd		
2019310942	Meishan Shunying Power Battery Materials Co. Ltd		
2019317840	Terumo Kabushiki Kaisha		
2019322953	Qilu University of Technology		
2019338073	Mer Mec S.p.A.		
2019354606	HOWMEDICA OSTEONICS CORP.		
2019355760	Intuit Inc.		
2019358933	FUJIFILM Corporation		
2019363349	JSP Limited		
2019414946	Super Vacuum Manufacturing Company, Inc.		
2019433418	Nantong University		
2020200045	NEC Corporation of America		
2020200084	Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners		
2020200175	Byondis B.V.		

IPC Index

<b><u>A01B 59 /-</u></b>	<b><u>A01N 47 /-</u></b>	2016343849	2016206278	<b><u>A61K 39 /-</u></b>	<b><u>A61M 16 /-</u></b>
2017200187	2017311045		2016233426	2015334495	
	2018403388	<b><u>A61B 17 /-</u></b>	2016264137	2015346150	2020204637
<b><u>A01B 69 /-</u></b>	<b><u>A01P 7 /-</u></b>	2016261642	2016278088	2015349644	<b><u>A61M 25 /-</u></b>
2017215197		2016343849	2016285853	2016232771	
	2018277980	2016343893	2016295168	2016249521	2017240482
	2018403388	2016379390	2016297555	2016305473	2019283933
<b><u>A01C 5 /-</u></b>	<b><u>A23C 9 /-</u></b>	2019213412	2016297601	2016375994	
2016379081		2019226263	2016310535	2017240745	<b><u>A61M 39 /-</u></b>
	2018410430	<b><u>A61B 18 /-</u></b>	2016355268	2017402210	
<b><u>A01C 7 /-</u></b>	<b><u>A23F 5 /-</u></b>	2020203069	2016368580	2018220861	2017201752
2016379081			2017259749	2020277165	2020203539
	2017216249	<b><u>A61B 34 /-</u></b>	2017274442	<b><u>A61K 41 /-</u></b>	<b><u>A61M 5 /-</u></b>
<b><u>A01D 34 /-</u></b>	<b><u>A24B 15 /-</u></b>	2016337029	2017274521	2016305473	2016344178
2017215197		2020281113	2017275657	<b><u>A61K 45 /-</u></b>	2017240482
2019210641	2016320391	<b><u>A61B 5 /-</u></b>	2017285725	2016278088	2021201126
<b><u>A01G 25 /-</u></b>	<b><u>A24F 47 /-</u></b>	2020277099	2017310529	2016285853	<b><u>A61N 1 /-</u></b>
2019267088			2017325863	2016297555	2019204102
	2016320391	<b><u>A61B 6 /-</u></b>	2017335242	2018220861	2019240656
	2019219729	2020203637	2017353986	<b><u>A61K 47 /-</u></b>	2019283933
<b><u>A01G 3 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 8 /-</u></b>	2017363252	2016206278	<b><u>A61N 5 /-</u></b>
2018398314		2016365309	2017363257	2016310535	2018380026
	2019363349	<b><u>A61B 90 /-</u></b>	2017366529	2017259749	<b><u>A61P 1 /-</u></b>
<b><u>A01H 5 /-</u></b>	<b><u>A47C 1 /-</u></b>	2016337029	2018220861	2017274442	2015342324
2016256239		<b><u>A61C 1 /-</u></b>	2018231032	2018283724	2016296592
2018202996	2019240604	2020200796	2018246301	2020200175	2019219826
2018247287	<b><u>A47J 31 /-</u></b>	2020201290	2018249675	<b><u>A61K 48 /-</u></b>	<b><u>A61P 11 /-</u></b>
2019240730		2020202692	2018253864	2015315726	2018231032
<b><u>A01K 1 /-</u></b>	2017216249	<b><u>A61C 19 /-</u></b>	2018277980	2018247306	<b><u>A61P 13 /-</u></b>
2016210624	<b><u>A47J 42 /-</u></b>	2020281113	2018283724	2019433418	2016297890
2016376509		<b><u>A61F 13 /-</u></b>	2018389313	<b><u>A61K 49 /-</u></b>	<b><u>A61P 15 /-</u></b>
	2017216249	2020204220	2019223182	2014410198	2015410635
<b><u>A01K 23 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61K 33 /-</u></b>	2019241374	<b><u>A61K 6 /-</u></b>	2016264137
2016376509		2019217656	2019246902	2018233577	<b><u>A61P 17 /-</u></b>
	2020203852	<b><u>A61K 35 /-</u></b>	2020200796	<b><u>A61K 8 /-</u></b>	2016206278
<b><u>A01K 61 /-</u></b>	<b><u>A47J 44 /-</u></b>	2016215581	2020201290	2015358537	2016215581
2019358933		2016249521	2020202692	2016206278	2016270679
	2020203852	2017308473	<b><u>A61K 36 /-</u></b>	2016307932	<b><u>A61P 19 /-</u></b>
<b><u>A01K 67 /-</u></b>	<b><u>A47K 10 /-</u></b>	2019201235	2015391981	2017257932	2016248341
2016376509		2019215034	2016278088	2017442632	<b><u>A61P 25 /-</u></b>
2018221704	2017262479	2019219826	2016307932	2019217656	2016278088
<b><u>A01N 25 /-</u></b>	<b><u>A47K 17 /-</u></b>	<b><u>A61F 6 /-</u></b>	2017257932	2019265168	2017259749
2017311045		2016374641	2017442632	<b><u>A61K 9 /-</u></b>	2017275657
2018403388	2019240604	2017271387	2019217656	2017294133	2017285725
	<b><u>A47K 3 /-</u></b>	<b><u>A61G 10 /-</u></b>	2019265168	<b><u>A61L 9 /-</u></b>	2018283724
<b><u>A01N 37 /-</u></b>		2015222102	<b><u>A61K 38 /-</u></b>	2017294133	<b><u>A61P 29 /-</u></b>
2018403388	2020244441	2015342324	2015222102	<b><u>A61M 1 /-</u></b>	2017229591
	<b><u>A47L 11 /-</u></b>	2016297890	2015342324	2018355267	2017366529
<b><u>A01N 43 /-</u></b>		2016350701	2016297890		2020201290
2016297601	2018313596	2017229591	2016350701	<b><u>A61M 1 /-</u></b>	
2017311045	<b><u>A47L 9 /-</u></b>	2017240745	2017229591		
2018277980		2017273857	2017240745		
2018403388	2016380597	2017285725	2017273857		
2020201243	<b><u>A61B 10 /-</u></b>	2017298565	2017285725		
2020204185		2020201358	2017298565		
		2015391981	2020201358		
		2015410635			

Applications Accepted - IPC Index cont'd

<b><u>A61P 3 /-</u></b>	<b><u>A62C 27 /-</u></b>	<b><u>B01D 69 /-</u></b>	<b><u>B25B 13 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B60N 3 /-</u></b>
2015342324	2020327860	2020202356	2020203639	2016374641	2018215766
<b><u>A61P 31 /-</u></b>	<b><u>A62C 3 /-</u></b>	<b><u>B01D 71 /-</u></b>	<b><u>B25B 27 /-</u></b>	<b><u>B30B 15 /-</u></b>	<b><u>B60R 21 /-</u></b>
2015391981	2016337531	2016313787	2020203639	2016353972	2018349050
2016368580	2019414946	<b><u>B01F 3 /-</u></b>	<b><u>B25J 15 /-</u></b>	<b><u>B31F 1 /-</u></b>	<b><u>B60R 25 /-</u></b>
2017325863	<b><u>A62C 31 /-</u></b>	2017218218	2016330125	2017262479	2016357641
2017353986	2019414946	<b><u>B01F 7 /-</u></b>	<b><u>B25J 18 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60R 3 /-</u></b>
2018246301	<b><u>A62C 37 /-</u></b>	2017218218	2016330125	2017325685	2016306708
2019215034	2016222290	<b><u>B01J 19 /-</u></b>	<b><u>B25J 9 /-</u></b>	2020201399	2016306708
2019217656	<b><u>A62C 8 /-</u></b>	2016256565	2016337029	<b><u>B32B 37 /-</u></b>	<b><u>B60T 10 /-</u></b>
2019223182	2019414946	2017208031	2018368575	2017325685	2020202237
<b><u>A61P 33 /-</u></b>	<b><u>A62D 1 /-</u></b>	<b><u>B01J 25 /-</u></b>	<b><u>B27N 1 /-</u></b>	2019219768	<b><u>B60T 13 /-</u></b>
2018277980	2020203926	2020204171	2019219768	<b><u>B32B 5 /-</u></b>	2018309117
2019215034	<b><u>A63B 21 /-</u></b>	<b><u>B01J 3 /-</u></b>	<b><u>B27N 3 /-</u></b>	2019219768	<b><u>B60T 15 /-</u></b>
<b><u>A61P 35 /-</u></b>	2018378967	2016256565	2016353972	<b><u>B32B 9 /-</u></b>	2019204050
2016232771	<b><u>A63B 22 /-</u></b>	<b><u>B01L 3 /-</u></b>	2019219768	2019219768	<b><u>B60T 17 /-</u></b>
2016249521	2018378967	2016244038	<b><u>B27N 7 /-</u></b>	<b><u>B33Y 50 /-</u></b>	2018309117
2016297555	<b><u>A63B 69 /-</u></b>	2018283184	2016353972	2019242054	<b><u>B60T 8 /-</u></b>
2016297890	2020244441	2019205496	<b><u>B28B 23 /-</u></b>	<b><u>B33Y 70 /-</u></b>	2019204050
2016375994	<b><u>A63C 19 /-</u></b>	<b><u>B06B 1 /-</u></b>	2019204830	2016397050	<b><u>B60W 10 /-</u></b>
2017229591	2016282067	2016261642	2020251790	<b><u>B41J 2 /-</u></b>	2019204050
2017310529	<b><u>A63F 13 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B28B 5 /-</u></b>	2017232097	<b><u>B60W 30 /-</u></b>
2017335242	2016262576	2019203679	2019204830	<b><u>B42D 15 /-</u></b>	2016355605
2017366529	<b><u>A63F 3 /-</u></b>	<b><u>B08B 1 /-</u></b>	<b><u>B28C 7 /-</u></b>	2016200605	<b><u>B61C 17 /-</u></b>
2018220861	2017232097	2017216249	2017218218	<b><u>B42D 25 /-</u></b>	2016200631
2018249675	<b><u>A63F 5 /-</u></b>	<b><u>B08B 7 /-</u></b>	<b><u>B28D 1 /-</u></b>	2016293294	<b><u>B61D 17 /-</u></b>
2018389313	2016264994	2016269629	2016252489	2016294554	2016200631
<b><u>A61P 37 /-</u></b>	<b><u>A63G 31 /-</u></b>	<b><u>B21B 1 /-</u></b>	<b><u>B29C 43 /-</u></b>	2016344585	2020200858
2015391981	2016262576	2016292829	2019204830	<b><u>B44C 5 /-</u></b>	<b><u>B61H 11 /-</u></b>
2016232771	2016282067	2018302332	<b><u>B29C 48 /-</u></b>	2017221752	2018309117
2017274442	<b><u>B01D 43 /-</u></b>	<b><u>B21H 8 /-</u></b>	2020200858	<b><u>B60B 29 /-</u></b>	<b><u>B61K 9 /-</u></b>
2017366529	2020202356	2016292829	<b><u>B29C 49 /-</u></b>	2020203639	2016360527
2017402210	<b><u>B01D 53 /-</u></b>	<b><u>B22D 41 /-</u></b>	2016276042	2019338073	2019338073
2020202692	2017285710	2015372430	<b><u>B29C 55 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B61L 23 /-</u></b>
<b><u>A61P 39 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B23D 45 /-</u></b>	2020200858	2019268120	2019338073
2015391981	2016206278	2016252489	<b><u>B29C 64 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B61L 25 /-</u></b>
<b><u>A61P 43 /-</u></b>	2016270679	<b><u>B23Q 1 /-</u></b>	2019242054	2018215766	2019338073
2017229591	2016307932	2016330125	<b><u>B29C 70 /-</u></b>	<b><u>B60L 7 /-</u></b>	<b><u>B62B 1 /-</u></b>
2019215034	2017257932	<b><u>B01D 67 /-</u></b>	2019219768	2016266114	2019414946
<b><u>A61P 5 /-</u></b>	<b><u>B01D 67 /-</u></b>	<b><u>B23Q 7 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B63B 3 /-</u></b>
2015342324	2016313787	2016330125	2018215766	2018215766	
<b><u>A61Q 11 /-</u></b>					
2017442632					
2019217656					
2019265168					
<b><u>A61Q 19 /-</u></b>					
2016206278					
2016270679					
2016307932					
2017257932					
<b><u>A62C 13 /-</u></b>					
2020202217					

Applications Accepted - IPC Index cont'd

2020244520	<b><u>C07C 31 /-</u></b>	<b><u>C07D 403 /-</u></b>	2016420064	<b><u>C08F 273 /-</u></b>	2017311045 2018389685
<b><u>B63B 59 /-</u></b>	2020204171	2017275657	<b><u>C07H 15 /-</u></b>	2016397050	<b><u>C09D 7 /-</u></b>
2016269629	<b><u>C07C 311 /-</u></b>	2017361251	2020202692	<b><u>C08F 290 /-</u></b>	2018389685
<b><u>B64C 39 /-</u></b>	2017285725	2017363252	<b><u>C07H 19 /-</u></b>	2017293337	<b><u>C09J 123 /-</u></b>
2016337531	<b><u>C07C 57 /-</u></b>	2018246301	<b><u>C07D 405 /-</u></b>	<b><u>C08G 18 /-</u></b>	2020201399
<b><u>B64D 1 /-</u></b>	2018239239	2017275657	2017279512	2017241749	<b><u>C09J 4 /-</u></b>
2016337531	2020200796	<b><u>C07D 409 /-</u></b>	2019222685	<b><u>C08G 77 /-</u></b>	2016397050
<b><u>B65B 5 /-</u></b>	<b><u>C07C 59 /-</u></b>	2017275657	2016295168	2017293337	<b><u>C09K 3 /-</u></b>
2018239239	2018239239	<b><u>C07D 413 /-</u></b>	2016296592	<b><u>C08J 5 /-</u></b>	2017232747
2016339738	<b><u>C07C 9 /-</u></b>	2017275657	2017279512	2017212659	2017232748
2016339741	<b><u>C07C 9 /-</u></b>	2017335242	2018247287	<b><u>C08J 9 /-</u></b>	2020203926
<b><u>B65G 17 /-</u></b>	2018239239	2018253864	2020201208	2020203926	<b><u>C09K 5 /-</u></b>
2019248760	<b><u>C07D 209 /-</u></b>	<b><u>C07D 417 /-</u></b>	2016420064	<b><u>C08K 3 /-</u></b>	2020203926
<b><u>B65G 43 /-</u></b>	2017363257	2017275657	<b><u>C07J 71 /-</u></b>	2018389685	<b><u>C10G 73 /-</u></b>
2016339741	<b><u>C07D 211 /-</u></b>	2017363252	2017274442	<b><u>C08K 5 /-</u></b>	2020202356
<b><u>B66B 1 /-</u></b>	2017325863	2018249675	<b><u>C07K 14 /-</u></b>	2017226682	<b><u>C10M 133 /-</u></b>
2020202237	<b><u>C07D 213 /-</u></b>	2018253864	2015332668	2020201502	2019202765
<b><u>B66B 5 /-</u></b>	2017353986	2018277980	2016248341	<b><u>C08L 101 /-</u></b>	<b><u>C10M 143 /-</u></b>
2020202237	2018277980	2016368580	2016256239	2017226682	2019202765
<b><u>B66D 5 /-</u></b>	<b><u>C07D 215 /-</u></b>	2017310529	2016350701	<b><u>C08L 23 /-</u></b>	<b><u>C10M 171 /-</u></b>
2020202237	2019241374	2017325863	2016375994	2017226682	2020203926
<b><u>C01G 41 /-</u></b>	<b><u>C07D 239 /-</u></b>	2017353986	2017214441	2017226682	<b><u>C11B 1 /-</u></b>
2017232747	2017409559	2017361251	2017219851	2017226682	2018247287
2017232748	2018277980	2017363257	2017240745	2020201399	<b><u>C11D 1 /-</u></b>
<b><u>C02F 11 /-</u></b>	<b><u>C07D 245 /-</u></b>	2017366529	2017247367	<b><u>C08L 31 /-</u></b>	2017228372
2016256565	2017229591	2018231032	2017247607	2017226682	<b><u>C11D 17 /-</u></b>
<b><u>C04B 18 /-</u></b>	<b><u>C07D 273 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017273857	2018332189	2017212659
2017339075	2017229591	2017275657	2017285725	<b><u>C08L 29 /-</u></b>	<b><u>C11D 3 /-</u></b>
<b><u>C04B 28 /-</u></b>	<b><u>C07D 275 /-</u></b>	2017363257	2017298565	2017226682	2017228372
2018249675	2017229591	2017366529	2018221704	<b><u>C08L 51 /-</u></b>	2017376773
2017339075	<b><u>C07D 279 /-</u></b>	2019223182	2019358933	2017293337	<b><u>C12N 1 /-</u></b>
<b><u>C07C 1 /-</u></b>	2017229591	2019246902	2020201358	<b><u>C09B 21 /-</u></b>	2015222102
2017285710	<b><u>C07D 295 /-</u></b>	<b><u>C07D 491 /-</u></b>	2020277165	2017226682	2015243881
<b><u>C07C 11 /-</u></b>	2017361251	2016285853	<b><u>C07K 16 /-</u></b>	2017226682	2017324801
2017285710	<b><u>C07D 295 /-</u></b>	2016297601	2015346150	<b><u>C08L 31 /-</u></b>	2018410430
<b><u>C07C 2 /-</u></b>	2017259749	2017275657	2015349644	2017226682	<b><u>C12N 15 /-</u></b>
2017285710	<b><u>C07D 319 /-</u></b>	2017275657	2017240745	<b><u>C08L 51 /-</u></b>	2015243881
<b><u>C07C 211 /-</u></b>	2017361251	2017361251	2017274442	2017293337	2017324801
2020201243	<b><u>C07D 319 /-</u></b>	<b><u>C07D 495 /-</u></b>	2017402210	<b><u>C09B 21 /-</u></b>	2018410430
<b><u>C07C 29 /-</u></b>	2017259749	2017363257	<b><u>C07K 4 /-</u></b>	2017381914	<b><u>C12N 1 /-</u></b>
2020201263	<b><u>C07D 401 /-</u></b>	2017275657	2017240745	<b><u>C09B 55 /-</u></b>	2015222102
2020204171	2017285725	2017361251	<b><u>C07K 7 /-</u></b>	2017381914	2015243881
	2017335242	<b><u>C07D 498 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C09D 1 /-</u></b>	2017324801
	2017363252	2017275657	2017376773	2018389685	2018410430
	2018277980	2017361251	<b><u>C08F 2 /-</u></b>	<b><u>C09D 11 /-</u></b>	2015243881
	2020201263	<b><u>C07D 513 /-</u></b>	2016397050	<b><u>C09D 181 /-</u></b>	2015289027
		2019246902	<b><u>C08F 226 /-</u></b>	2017232097	2015315726
		<b><u>C07F 5 /-</u></b>	<b><u>C09D 5 /-</u></b>	2017232097	2016232771
		2018249675			2016256239
		2018277980			2016295168
		<b><u>C07H 1 /-</u></b>			2017308473

Applications Accepted - IPC Index cont'd

2018202996	<b><u>C22B 23 /-</u></b>	<b><u>E02B 3 /-</u></b>	2020201690	<b><u>E21F 15 /-</u></b>	
2018221704					<b><u>F23L 7 /-</u></b>
2018247287	2019310942	2016282067	<b><u>E06B 9 /-</u></b>	2020202743	2016379435
2018247306	<b><u>C22B 3 /-</u></b>	<b><u>E02F 3 /-</u></b>	2015249099	<b><u>F02N 11 /-</u></b>	<b><u>F24C 3 /-</u></b>
2019201134					2018222446
2019201294	2019310942	2016282067	<b><u>E21B 1 /-</u></b>	2016266114	<b><u>F24C 7 /-</u></b>
2019240730					2018222446
2019433418	<b><u>C22C 38 /-</u></b>	<b><u>E02F 5 /-</u></b>	2016204423	<b><u>F03D 13 /-</u></b>	<b><u>F24C 7 /-</u></b>
2020201208					2018222446
<b><u>C12N 5 /-</u></b>	2018389685	2016282067	<b><u>E21B 17 /-</u></b>	2017433607	<b><u>F24F 1 /-</u></b>
	<b><u>C23C 14 /-</u></b>	<b><u>E02F 9 /-</u></b>	2017248082	<b><u>F03G 7 /-</u></b>	2019213168
2015249554					2018352399
2015315726	2015336950	2016306176	<b><u>E21B 19 /-</u></b>	2016313787	<b><u>F25B 39 /-</u></b>
2016215581					2017444848
2016375994	<b><u>C23C 28 /-</u></b>	<b><u>E04B 2 /-</u></b>	2016304900	<b><u>F04C 15 /-</u></b>	<b><u>F25B 40 /-</u></b>
2017308473					2016305735
2018221704	2015336950	2017220928	<b><u>E21B 23 /-</u></b>	2020327860	<b><u>F25B 6 /-</u></b>
2019201235					2016305735
2021202943	<b><u>C25B 1 /-</u></b>	<b><u>E04B 9 /-</u></b>	2019262739	<b><u>F04C 2 /-</u></b>	<b><u>F25B 9 /-</u></b>
					2018413755
<b><u>C12N 7 /-</u></b>	2017420091	2016413696	<b><u>E21B 25 /-</u></b>	2020327860	<b><u>F25C 1 /-</u></b>
	<b><u>C25B 11 /-</u></b>	<b><u>E04C 1 /-</u></b>	2017248082	<b><u>F04D 25 /-</u></b>	2019299868
2015334495					2019299868
2016249521	2017420091	2017220928	<b><u>E21B 29 /-</u></b>	2019414946	<b><u>F25C 5 /-</u></b>
2020277165					2018381656
<b><u>C12N 9 /-</u></b>	<b><u>C25C 3 /-</u></b>	<b><u>E04D 13 /-</u></b>	2019274220	<b><u>F16K 17 /-</u></b>	<b><u>F27B 13 /-</u></b>
					2015372430
2015277369	2016356551	2020203289	<b><u>E21B 3 /-</u></b>	2019206123	<b><u>F28D 1 /-</u></b>
2017214441					2017444848
2017308473	<b><u>C40B 30 /-</u></b>	<b><u>E04F 10 /-</u></b>	2016304900	<b><u>F16K 31 /-</u></b>	<b><u>G01B 11 /-</u></b>
					2019242054
<b><u>C12P 1 /-</u></b>	2019205496	2020203289	<b><u>E21B 33 /-</u></b>	2018222446	<b><u>G01C 25 /-</u></b>
	<b><u>C40B 50 /-</u></b>	<b><u>E04F 11 /-</u></b>	2017331280	<b><u>F16K 37 /-</u></b>	2016259362
2019219768					<b><u>G01C 3 /-</u></b>
<b><u>C12P 21 /-</u></b>	2019205496	2016306708	<b><u>E21B 34 /-</u></b>	2018222446	<b><u>G01D 5 /-</u></b>
	<b><u>C40B 60 /-</u></b>	<b><u>E04G 21 /-</u></b>	2017331280	<b><u>F16L 21 /-</u></b>	2018222446
2019358933			2019274220	<b><u>F16L 37 /-</u></b>	2017444848
	2017208031	2017268028	<b><u>E21B 4 /-</u></b>	2020210202	<b><u>G01E 13 /-</u></b>
<b><u>C12P 7 /-</u></b>					2018381656
2015243881	<b><u>D01F 8 /-</u></b>	<b><u>E04G 3 /-</u></b>	2015336950	<b><u>F16L 37 /-</u></b>	<b><u>F27B 13 /-</u></b>
			2016204423	2017201752	2015372430
<b><u>C12Q 1 /-</u></b>	2017259983	2017268028	<b><u>E21B 41 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>F28D 1 /-</u></b>
	<b><u>D02G 3 /-</u></b>	<b><u>E04G 5 /-</u></b>	2016423182	2018243432	2017444848
2015266665					2018222446
2015270298	2017259983	2017268028	<b><u>E21B 43 /-</u></b>	<b><u>F17C 6 /-</u></b>	<b><u>G01B 11 /-</u></b>
2015273218					2019242054
2015366081	<b><u>D02J 11 /-</u></b>	<b><u>E04G 9 /-</u></b>	2015412337	2018243432	<b><u>G01C 25 /-</u></b>
2016256581			2017331280	<b><u>F17C 9 /-</u></b>	2016259362
2017214441	2017259983	2020200084	2019274220	2018243432	<b><u>G01C 3 /-</u></b>
2017285725					2020203638
2017386515	<b><u>D04H 1 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F21V 8 /-</u></b>	<b><u>G01D 5 /-</u></b>
2019201294					2018222446
2019205496	2017259983	2019241923	<b><u>E21B 49 /-</u></b>	2017348084	<b><u>G01F 23 /-</u></b>
2019240586		2020203289			2018372621
2019307835	<b><u>D06B 3 /-</u></b>	<b><u>E05B 15 /-</u></b>	2015412337	<b><u>F21V 33 /-</u></b>	<b><u>G01J 3 /-</u></b>
					2016350155
<b><u>C12R 1 /-</u></b>	2017259983	2016280614	<b><u>E21B 49 /-</u></b>	2017221752	
		2016301111		2020251790	
2018410430	<b><u>D06F 39 /-</u></b>		2015412337	<b><u>F21V 8 /-</u></b>	
<b><u>G21B 7 /-</u></b>	2020200741	<b><u>E05B 27 /-</u></b>	<b><u>E21B 7 /-</u></b>	2017348084	
2015372430	<b><u>D21H 27 /-</u></b>	2016280614	2016204423	<b><u>F23G 7 /-</u></b>	
			2016423182		
<b><u>G21D 1 /-</u></b>	2017262479	<b><u>E05B 47 /-</u></b>	<b><u>E21C 41 /-</u></b>	2016379435	
2016292829	<b><u>E01C 17 /-</u></b>	2016301111	2020202743	<b><u>F23L 17 /-</u></b>	
2018389685					
	2020251790	<b><u>E05D 15 /-</u></b>			

Applications Accepted - IPC Index cont'd

<b><u>G01N 1 /-</u></b>	<b><u>G01V 3 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G06T 3 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H02M 1 /-</u></b>
2015350049 2018283184	2016360527 2019268137	2017204297 2018294443	2019213404	2020277099	2019258117
<b><u>G01N 15 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G06T 5 /-</u></b>	<b><u>G21B 1 /-</u></b>	<b><u>H02M 7 /-</u></b>
2016329504	2017293337	2015347177 2019204395	2019201961 2020201593	2017347508	2016261642 2019258117
<b><u>G01N 21 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06K 7 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01B 1 /-</u></b>	<b><u>H03G 1 /-</u></b>
2016329504 2019205496 2019267088	2016262576 2016344585	2020200045	2018200164 2018368575 2020277099 2021202136	2017209394	2017281686
<b><u>G01N 27 /-</u></b>	<b><u>G02B 3 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>H01B 13 /-</u></b>	<b><u>H04B 1 /-</u></b>
2019222685 2019240586 2019267088 2020201513	2016344585	2016350155 2017204297 2018200164 2019272062 2020200045 2020201593 2021202136	2016342501	2017209394	2019281790
<b><u>G01N 30 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G08B 13 /-</u></b>	<b><u>H01H 19 /-</u></b>	<b><u>H04H 20 /-</u></b>
2015350049 2016380935	2017207081 2017280028 2017348084	2020203862	2016372161 2020228607	2018222446	2019264540
<b><u>G01N 33 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>H01H 23 /-</u></b>	<b><u>H04H 60 /-</u></b>
2015302025 2015332668 2015349644 2015366081 2016227655 2016228748 2016233426 2016259815 2016380935 2017285725 2018221704 2019222685 2019240586 2019267088	2017348084	2019272062	2019206050	2015275227	2019264540
<b><u>G01N 35 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G06N 5 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04L 1 /-</u></b>
2016244038 2019240586	2017215197 2020244598	2018253636 2020203862	2016355605	2019205496	2018326862
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<b><u>G01S 13 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G09B 23 /-</u></b>	<b><u>H01L 35 /-</u></b>	<b><u>H04L 27 /-</u></b>
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<b><u>G01S 19 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G09F 15 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H04L 5 /-</u></b>
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<b><u>G01S 7 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>G09F 19 /-</u></b>	<b><u>H01M 6 /-</u></b>	<b><u>H04L 9 /-</u></b>
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<b><u>G01V 13 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>G09F 3 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04M 1 /-</u></b>
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				2019303114	
				<b><u>H02J 3 /-</u></b>	
				2019303114	



Applications Accepted - IPC Index cont'd

**H04N 5 /-**

2020202562

**H04N 7 /-**

2019264540

2019275575

**H04R 25 /-**

2017281686

**H04R 29 /-**

2017281686

**H04S 3 /-**

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**H04S 7 /-**

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**H04W 12 /-**

2016342501

2016355605

**H04W 28 /-**

2018326862

**H04W 36 /-**

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**H04W 4 /-**

2016355605

2017281686

**H04W 48 /-**

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**H04W 52 /-**

2018297343

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**H04W 60 /-**

2018314879

**H04W 68 /-**

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**H04W 72 /-**

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2018401246

2019207128

2019248685

**H04W 8 /-**

2017281686

2017437650

**H04W 84 /-**

2018326862

**H04W 88 /-**

2020220144

**H05H 1 /-**

2017347508

**H05H 6 /-**

2020203637

**H05K 7 /-**

2019213168

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2017268701 **Transpiro Pty Ltd** ( Dall, S. )  
 2020102685 **Boehringer Ingelheim Vetmedica GmbH** ( Zoetis Services LLC )

**Opposition Withdrawn**

2015333587 **Automatic Technology (Australia) Pty Ltd** ( COOPER IP PTY. LTD. )

**Patents Granted**

**Standard Patents**

2014413501 2015205915 2015213369 2015246127  
 2015268649 2015271955 2015317848 2015318810  
 2015330872 2015332097 2015335897 2015342813  
 2015343245 2015343482 2015365349 2015367272  
 2015368103 2015387128 2015389616 2015392201  
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**Patents Granted**

**Standard Patents**

2019204738 2019204864 2019206568 2019210550  
 2019210558 2019210561 2019211653 2019213312  
 2019213331 2019213348 2019213424 2019213436  
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**Innovation Patents**

2016102471 2017101908 2019101808 2019101811  
 2020104440 2021101727 2021102047 2021102649  
 2021102709 2021102780 2021102861 2021102937  
 2021102940 2021103122 2021103188 2021103190  
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 2021104244 2021104245 2021104252 2021104271  
 2021104302 2021104346 2021104373 2021104375  
 2021104388 2021104466 2021104478

**Assignments Registered**

2003218900 Biodry Pty Ltd The patent has been assigned to **IKC Feed Pty Ltd**

2004204561 Stryker European Holdings I, LLC The patent has been assigned to **STRYKER EUROPEAN HOLDINGS III, LLC**

2004282402 Verbus International Limited The patent has been assigned to **CIMC Modular Building Systems Holding Co., Ltd.**

**Assignments Registered**

2006291429 Novosom Verwaltungs GmbH The patent has been assigned to **BioNTech Protein Therapeutics GmbH**

2006294580 Constellation Brands, Inc. The patent has been assigned to **E. & J. Gallo Winery**

2007272224 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2008222455 Verbus International Limited The patent has been assigned to **CIMC Modular Building Systems Holding Co., Ltd.**

2008267734 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2009238282 Spectrum Pharmaceuticals, Inc. The patent has been assigned to **UNICYCIVE THERAPEUTICS, INC.**

2009239851 TSCCompany Limited OU The patent has been assigned to **Oy TM Company Ltd**

2009264564 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2009264566 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2009267729 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2009322894 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2010217120 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2010241502 Verbus International Limited The patent has been assigned to **CIMC Modular Building Systems Holding Co., Ltd.**

2010248175 Jensen, Peder The patent has been assigned to **WiSecure AB**

2010272586 Bruker Daltonik GmbH The patent has been assigned to **Bruker Daltonics GmbH & Co. KG**

2010322822 MDS Healthcare Limited The patent has been assigned to **Connected Health Systems Limited**

2010324830 ARRANTA BIO FL, LLC The patent has been assigned to **OXIDIEN PHARMACEUTICALS, LLC**

2011239353 ROLLTRAK HARDWARE PTY LTD The patent has been assigned to **ROLLTRAK SPARES PTY LTD**

2011252983 Spectrum Pharmaceuticals, Inc. The patent has been assigned to **UNICYCIVE THERAPEUTICS, INC.**

2011263694 Bruker Daltonik GmbH The patent has been assigned to **Bruker Daltonics GmbH & Co. KG**

2011284325 Start Food-Tech NZ Limited The patent has been assigned to **D M Dunningham Limited**

2011305482 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2011306078 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2012244182 Constellation Brands, Inc. The patent has been assigned to **E. & J. Gallo Winery**

**Assignments Registered**

2012308808 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2013202997 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2013203477 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2013203478 ESBATech, an Alcon Biomedical Research Unit LLC The patent has been assigned to **Novartis AG**

2013301340 BioStatus Limited The patent has been assigned to **OncoTherics Ventures Limited**

2013369473 Hua Medicine The patent has been assigned to **Hua Medicine (Shanghai) Ltd.**

2014209012 Shire Human Genetic Therapies, Inc.; Regents of the University of Minnesota The patent has been assigned to **Takeda Pharmaceutical Company Limited; Regents of the University of Minnesota**

2014228778 Atrium Medical Corporation; Karwoski, Theodore; Peatfield, Greg The patent has been assigned to **Atrium Medical Corporation**

2014243758 Cour Pharmaceuticals Development Company The patent has been assigned to **onCOUR Pharma, Inc.**

2014254270 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014389498 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014393443 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014393445 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014399900 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014402330 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014411439 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014412849 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414821 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414822 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414832 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414836 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414852 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

2014414853 Multi-Chem Group, LLC The patent has been assigned to **Halliburton Energy Services, Inc.**

**Assignments Registered**

- 2014414855 Multi-Chem Group LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2015201794 ESBATech, an Alcon Biomedical Research Unit LLC. The patent has been assigned to **Novartis AG**
- 2015293825 Delphi Genetics. The patent has been assigned to **R.P. Scherer Technologies, LLC**
- 2015391990 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2015391991 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2015414720 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2015414721 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2015417757 Multi-Chem Group LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2016200367 ESBATech, an Alcon Biomedical Research Unit LLC. The patent has been assigned to **Novartis AG**
- 2016269415 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2016273957 ESBATech, an Alcon Biomedical Research Unit LLC. The patent has been assigned to **Novartis AG**
- 2016403399 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2016403731 Multi-Chem Group, LLC. The patent has been assigned to **Halliburton Energy Services, Inc.**
- 2018100876 Yixing Kangtai Home Textiles Co., Ltd. The patent has been assigned to **NANJING COMFORTACE HOME TEXTILES CO., LTD.**
- 2018204035 ESBATech, an Alcon Biomedical Research Unit LLC. The patent has been assigned to **Novartis AG**
- 2018285441 ESBATech, an Alcon Biomedical Research Unit LLC. The patent has been assigned to **Novartis AG**
- 2019101304 Suvdoorstep Pty Ltd. The patent has been assigned to **Hong Kong Spruce Century Trading Co., Limited**
- 2020100300 Tooletries Pty Ltd. The patent has been assigned to **SJC IP Holdings Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

- 2002338015 **Kyowa Kirin Co., Ltd.**  
The earliest first regulatory approval date provided by the patentee 02 Feb 2021  
For the goods POTELIGEO mogamulizumab

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

- 2011203119 **Ono Pharmaceutical Co., Ltd.; E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 11 Jan 2016

For the goods OPDIVO nivolumab

Address for service : MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

**Corrigenda**

In Vol 35 , No 29 , Page(s) 5903 under the heading **Innovation Patents Filed - Name Index** Under the name SKYJED Pty Ltd, Application No. 2021103369, INID (31) correct the number to read PCT/AU2020/051138

In Vol 35 , No 31 , Page(s) 6237 under the heading **Innovation Patents Filed - Name Index** Under the name Guangzhou Engineering Co., Ltd. of China Railway 19th Bureau Group, Application No.2021104061, under INID (31) correct the number to read PCT/CN2020/106033

In Vol 35 , No 31 , Page(s) 6238 under the heading **Innovation Patents Filed - Name Index** Under the name Hoboomlife Bio-Technology (Shenzhen) Co., Ltd., Application No. 2021103902, under INID (31) correct the number to read PCT/CN2020/075619

In Vol 35 , No 31 , Page(s) 6250 under the heading **Innovation Patents Filed - Name Index** Under the name The Institute of Applied Ecology, Chinese Academy of Sciences; Shenyang Yikang Environmental Biotechnology Development Co., Ltd, Application No.2021104231, under INID (31) correct the number to read PCT/CN2020/092068

In Vol 35 , No 31 , Page(s) 6331 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Trustees of the University of Pennsylvania, Application No. 2019404302, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 35 , No 32 , Page(s) 6420 under the heading **Innovation Patents Filed - Name Index** Under the name DEEPINFAR OCEAN TECHNOLOGY INC., Application No.2021104137, under INID (31) correct the number to read PCT/CN2020/095682

In Vol 35 , No 32 , Page(s) 6420 under the heading **Innovation Patents Filed - Name Index** Under the name Alexander De Jonge, Application No. 2021104750, under INID (31) correct the number to read PCT/AU2020/051244

In Vol 35 , No 32 , Page(s) 6453 under the heading **Innovation Patents Filed - Name Index** Under the name ZHONGKE INFORMATION SECURITY COMMON TECHNOLOGY NATIONAL ENGINEERING RESEARCH CENTER CO., LTD., Application No.2021104060, under INID (31) correct the number to read PCT/CN2020/127778

In Vol 35 , No 32 , Page(s) 6462 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021102402.

## Corrigenda

In Vol 35 , No 32 , Page(s) 6465 under the heading **Amendments - Application for Amendments** Under the name The Regents of The University of California and The Flinders University of South Australia, Application No. 2016311269 correct the date of the statements filed to read 20 July 2021 and 22 July 2021

In Vol 35 , No 32 , Page(s) 6542 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Qingdao Haier Special Refrigerator Co. Ltd, Application No. 2020214237, under INID (71) correct the applicant name to Qingdao Haier Special Refrigerator Co., Ltd.

In Vol 35 , No 32 , Page(s) 6542 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Qingdao Haier Special Appliance Co., Ltd, Application No.2020214406, under INID (71) correct the applicant name to Qingdao Haier Special Refrigerator Co., Ltd.

In Vol 35 , No 8 , Page(s) 1112 under the heading **Complete Applications Filed - Name Index** Under the name anthony damien beaumont, Application No. 2021200698, under INID (71) correct the applicant name to Metropolitan Physiotherapy Services

## Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2016427922	<b>Chang Gung Memorial Hospital, Linkou</b>
2017217879	<b>Microvention, Inc.</b>
2017288755	<b>Kabushiki Kaisha Yakult Honsha; Riken; Japanese Foundation For Cancer Research</b>
2018317644	<b>Titian Tech Inc.</b>
2019257452	<b>L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude</b>
2019414297	<b>Chevron Phillips Chemical Company LP</b>