



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *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).

<p><b>NOTE:</b> When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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## 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 13 Jul 2021 .

(71) Achurch, R. (21) 2021902135 (22) 13.07.2021 (54) A pet wearable identification and tracking system	(71) Blastone Technology Pty Ltd (21) 2021902119 (22) 09.07.2021 (54) A THRUST REDUCTION SYSTEM FOR A BLAST NOZZLE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902151 (22) 14.07.2021 (54) Method of processing dust collected on a dust filter of a continuous dust monitoring device for analysis
(71) Adama Australia Pty Limited (21) 2021902175 (22) 15.07.2021 (54) Highly Loaded Clodinafop Formulation	(71) BMSA ANCHORING SYSTEMS PTY LTD (21) 2021902129 (22) 12.07.2021 (54) Stair stringer	(71) Commonwealth Scientific and Industrial Research Organisation; Exios Bio LLS (21) 2021902194 (22) 16.07.2021 (54) Methods and systems for detecting a coronavirus infection
(71) Alchin Long Group IP Pty Limited (21) 2021902128 (22) 12.07.2021 (54) A locking device for a window stay	(71) Botanic Gardens and Parks Authority (21) 2021902156 (22) 14.07.2021 (54) APPARATUS FOR SEEDING	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902199 (22) 16.07.2021 (54) DIGITAL CERTIFICATES
(71) Anderson, M. (21) 2021902182 (22) 16.07.2021 (54) Air-stroke hybrid combustion/air powered engine	(71) Burrell, A.I. (21) 2021902110 (22) 09.07.2021 (54) Roof gutter	<b>Coppin, L.T. see Coppin, B.A.</b> (21) 2021902198
(71) ANDRE, A.; HAM, B. (21) 2021902111 (22) 09.07.2021 (54) A MILLING DEVICE AND PROCESS	(71) Carrington, A.; Smith, B. (21) 2021902107 (22) 09.07.2021 (54) SHOWER HEAD WITH MATERIALS OR SHOWER HEAD ATTACHMENT WITH MATERIALS	(71) Coppin, B.A.; Coppin, L.T. (21) 2021902198 (22) 16.07.2021 (54) Building balcony screening system
(71) APPS ON PTY LTD (21) 2021902105 (22) 09.07.2021 (54) A SMART PHONE CALL ENDING SYSTEM AND METHOD	<b>Central Adelaide Local Health Network Inc see University of South Australia</b> (21) 2021902148	(71) CosmoAesthetics Pty Ltd (21) 2021902168 (22) 15.07.2021 (54) Disposable glove donning and doffing apparatus
(71) ASF Technologies (Australia) Pty Ltd (21) 2021902131 (22) 12.07.2021 (54) Remote control generator	<b>Chertkow, D. see Chertkow, B.</b> (21) 2021902206	(71) CosmoAesthetics Pty Ltd (21) 2021902169 (22) 15.07.2021 (54) A neck-wearable personal ionising air purification device
(71) Australian National University (21) 2021902172 (22) 15.07.2021 (54) A PHOTOELECTRODE AND METHOD FOR FABRICATION THEREOF	(71) Chertkow, B.; Chertkow, D. (21) 2021902206 (22) 18.07.2021 (54) Motor Vehicle Safety Camera System	(71) Cyber Security Research Centre Limited (21) 2021902183 (22) 16.07.2021 (54) CYBER SECURITY
(71) Barlow, D. (21) 2021902162 (22) 14.07.2021 (54) Design for angling keyboard section of desk		

Provisional Applications Filed - Name Index cont'd

(71) CYMBAL PAVERS PTY LTD  
(21) 2021902120 (22) 09.07.2021  
(54) VIRTUAL PAGING SYSTEM

(71) Dabble Sports Pty Ltd  
(21) 2021902195 (22) 16.07.2021  
(54) SYSTEM AND METHOD FOR CONTINGENCY WAGERING

(71) DELAND, D.  
(21) 2021902204 (22) 17.07.2021  
(54) WEIGHTLIFTING SYSTEM AND METHOD FOR ANALYSING LIFT MOTION

(71) DIT AgTech Limited  
(21) 2021902155 (22) 14.07.2021  
(54) A method of reducing methane production in a ruminant animal

(71) Ducrou, L.  
(21) 2021902136 (22) 13.07.2021  
(54) A tow hitch system

(71) Esnouf, P.  
(21) 2021902161 (22) 14.07.2021  
(54) Tape measure with tension indicator

**Exios Bio LLS see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2021902194

(71) Fast Automation Pty Ltd  
(21) 2021902150 (22) 14.07.2021  
(54) Lifting System

(71) Fastbrick IP Pty Ltd  
(21) 2021902190 (22) 16.07.2021  
(54) LOADER FOR HANDLING PALLETS AND CONTAINERS

(71) Flinders University of South Australia  
(21) 2021902141 (22) 13.07.2021  
(54) SLICING CARBON NANOTUBES

(71) Foote, N.  
(21) 2021902166 (22) 15.07.2021  
(54) An Electric Strand Gate

(71) Ghanbari, M.  
(21) 2021902181 (22) 15.07.2021  
(54) Ureter detector probe

(71) Global Trade Supplies Pty Ltd  
(21) 2021902117 (22) 09.07.2021  
(54) A plasterboard corner roller tool

(71) GotSkill Platforms Limited  
(21) 2021902164 (22) 14.07.2021  
(54) Automated Monitoring and Notification System for User Credentials

(71) Greengold Engineering Pty Ltd  
(21) 2021902174 (22) 15.07.2021  
(54) IMPROVED GOLD RECOVERY CIRCUIT

(71) GWR Pty Ltd  
(21) 2021902149 (22) 14.07.2021  
(54) Cable Terminator

(71) Hall, S.  
(21) 2021902124 (22) 11.07.2021  
(54) Reactive Predictive Module

**HAM, B. see ANDRE, A.**  
(21) 2021902111

(71) HENNESSY, G.  
(21) 2021902203 (22) 17.07.2021  
(54) A barrel attachment

(71) Incannex Healthcare Limited  
(21) 2021902170 (22) 15.07.2021  
(54) A composition and uses thereof

(71) Jasper Medtech Pty Ltd  
(21) 2021902126 (22) 12.07.2021  
(54) System and method for determining fall risk

(71) Kitchintel Global Holdings  
(21) 2021902189 (22) 16.07.2021  
(54) automated sous vide and grill combination

(71) Lampard, R.  
(21) 2021901903 (22) 27.05.2021  
(54) SONIC PLASMA ENHANCED COMBUSTION SYSTEM

(71) Lendlease Digital IP Pty Limited  
(21) 2021902153 (22) 14.07.2021  
(54) Building system and method of construction

(71) LI, L.  
(21) 2021902134 (22) 13.07.2021  
(54) An improved nappy

(71) lillico, k.  
(21) 2021902185 (22) 16.07.2021  
(54) Mobile hydrotherapy tank

(71) Macquarie University  
(21) 2021902179 (22) 15.07.2021  
(54) Treatment of Glaucoma

(71) Matic Financial Technology Pty Ltd  
(21) 2021902133 (22) 13.07.2021  
(54) BLOCKCHAIN ENABLED EXCHANGE SYSTEM AND METHOD THEREFOR

(71) Matthew Wolfer as Trustee for the Wolfer Family Trust  
(21) 2021902154 (22) 14.07.2021  
(54) SYSTEM AND METHOD FOR MONITORING THE OCCUPANCY STATUS OF CARPARKS

(71) MEDMONT INTERNATIONAL PTY LTD  
(21) 2021902118 (22) 09.07.2021  
(54) METHOD, DEVICE AND SYSTEM FOR COMBINING SCLERAL AND CORNEAL TOPOGRAPHY DATA

(71) Mesoblast International Sarl  
(21) 2021902180 (22) 15.07.2021  
(54) Method for treating acute respiratory distress syndrome (ARDS) using mesenchymal lineage precursor or stem cells

(71) MICROBA IP PTY LTD  
(21) 2021902122 (22) 10.07.2021  
(54) COMPOSITIONS AND METHODS FOR TREATING DISEASE

(71) Minelab Electronics Pty. Limited  
(21) 2021902109 (22) 09.07.2021  
(54) A METAL DETECTOR

(71) Moore, G.P.  
(21) 2021902145 (22) 14.07.2021  
(54) Mechanical Assembly

(71) Multigate Medical Products Pty Ltd  
(21) 2021902173 (22) 15.07.2021  
(54) Receptacle

(71) N.A. & E.P. COON NOMINEES PTY LTD  
(21) 2021902207 (22) 18.07.2021  
(54) Removable or Repositionable Self-Adhesive Label or Sign and Methods

(71) Nand, A.  
(21) 2021902121 (22) 10.07.2021  
(54) Message, call, video call and social media platform with an integrated low-value instant funds transfer feature.

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited  
(21) 2021902116 (22) 09.07.2021  
(54) Solar cell structure

(71) NewSouth Innovations Pty Limited  
(21) 2021902137 (22) 13.07.2021  
(54) Semiconductor device with a crystal heterostructure and an associated process

(71) oakey, c.  
(21) 2021902127 (22) 12.07.2021  
(54) Round fin for surfing

(71) OURFUTURES HOLDINGS PTY LTD  
(21) 2021902159 (22) 14.07.2021  
(54) OURFUTURES HOLDINGS PTY LTD

(71) Oversight Pty Ltd  
(21) 2021902201 (22) 16.07.2021  
(54) Multiplexing for lighting and camera systems

(71) Pagden, K.  
(21) 2021902165 (22) 15.07.2021  
(54) Flexible and fire rated V form evaporative cooler panel

(71) Pharmaxis Ltd.  
(21) 2021902171 (22) 15.07.2021  
(54) Radiopharmaceutical agent targeting lysyl oxidase like 2 and lysyl oxidase like 3

(71) PRANA ENTERPRISE PTY LTD  
(21) 2021902186 (22) 16.07.2021  
(54) SYSTEM AND METHOD FOR LIMITING MOBILE PHONE USE BY DRIVERS

(71) Priolo, F.  
(21) 2021902125 (22) 12.07.2021  
(54) A COMBINED DISPENSER AND APPLICATOR DEVICE FOR COSMETIC PRODUCTS

(71) RANlytics Limited  
(21) 2021902112 (22) 09.07.2021  
(54) A monitor device for measuring multiple heterogeneous radio frequency communications networks

(71) RANlytics Limited  
(21) 2021902113 (22) 09.07.2021  
(54) A measurement device for measuring multiple heterogeneous radio frequency communications networks

(71) RANlytics Limited  
(21) 2021902114 (22) 09.07.2021  
(54) A radio frequency measurement data storage, processing and analytics system

(71) ResMed Pty Ltd  
(21) 2021902143 (22) 14.07.2021  
(54) FLOW CONNECTOR FOR A PRESSURIZED FACE MASK

(71) ResMed Pty Ltd  
(21) 2021902184 (22) 16.07.2021  
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) Resource Conservation & Recycling Corp Pty Ltd  
(21) 2021902192 (22) 16.07.2021  
(54) Process for recovering values from alkaline batteries

(71) Ripponlea Australia Pty Ltd  
(21) 2021902144 (22) 14.07.2021  
(54) Mortise Door Locks

(71) Roar Software Pty Ltd  
(21) 2021902197 (22) 16.07.2021  
(54) System and method for processing an active document from a rich text document

(71) Rose, A.  
(21) 2021902160 (22) 14.07.2021  
(54) A PORTABLE DEVICE USED TO FACILITATE THE RAISING OR LOWERING OF SUBMERSIBLE BORE PUMPS IN A CONTROLLED LABOUR SAVING MANNER

(71) Samsara Recycling Pty Limited  
(21) 2021902167 (22) 15.07.2021  
(54) Enzymes and uses thereof

(71) Seeing Machines Limited  
(21) 2021902139 (22) 13.07.2021  
(54) FLIGHT CREW FATIGUE AND CONTROLLED REST MANAGEMENT SYSTEM

(71) Sim, R.  
(21) 2021902152 (22) 14.07.2021  
(54) Recess Former and Anchor Assembly

(71) Smile Real Estate Pty. Ltd.  
(21) 2021902196 (22) 16.07.2021  
(54) Customer identification system and network

Smith, B. see Carrington, A.  
(21) 2021902107

(71) STEN, M.  
(21) 2021902140 (22) 13.07.2021  
(54) ADJUSTABLE RACING SIMULATION RIG

(71) Stile Board Pty Ltd  
(21) 2021902123 (22) 11.07.2021  
(54) Shower Base System

(71) Stonehaven Incubate AG  
(21) 2021902138 (22) 13.07.2021  
(54) Composition and uses thereof

Stowell, G. see Webb, A.  
(21) 2021902108

(71) Theorem Pty Ltd  
(21) 2021902163 (22) 14.07.2021  
(54) Power Lift and Recline Outdoor Chair

(71) Thermaguard Pty Ltd  
(21) 2021902106 (22) 09.07.2021  
(54) A REUSABLE PROTECTIVE TREE COVER

(71) The University of Queensland  
(21) 2021902115 (22) 09.07.2021  
(54) Inorganic oxide particles for delivery of actives

(71) The University of Sydney  
(21) 2021902130 (22) 12.07.2021  
(54) Compositions of ivermectin and uses thereof

(71) The Walter and Eliza Hall Institute of Medical Research  
(21) 2021902158 (22) 14.07.2021  
(54) TFF3-BINDING PROTEINS

(71) TWOBEESEN Pty Ltd  
(21) 2021902200 (22) 16.07.2021  
(54) Photobiomodulation apparatus and method

(71) Twomey, G.  
(21) 2021902146 (22) 14.07.2021  
(54) Compositions for the Treatment of Diseases and Conditions

(71) UNIQCO-IP PTY LTD  
(21) 2021902177 (22) 15.07.2021  
(54) PACKAGING PRINTING SYSTEM

Provisional Applications Filed - Name Index cont'd

(71) UNIQCO-IP PTY LTD  
 (21) 2021902178 (22) 15.07.2021  
 (54) THERMAL SHEETING

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(71) University of South Australia  
 (21) 2021902147 (22) 14.07.2021  
 (54) APPARATUS AND PROCESS FOR DEBITTERING OLIVES AND OLIVES OBTAINED THEREBY

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(71) University of South Australia; Central Adelaide Local Health Network Inc  
 (21) 2021902148 (22) 14.07.2021  
 (54) METHODS AND PRODUCTS FOR DETERMINING RESPONSIVENESS TO ANTI-PD1 IMMUNE CHECKPOINT INHIBITOR IMMUNOTHERAPY

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(71) UNO Technology Pty Ltd  
 (21) 2021902094 (22) 09.07.2021  
 (54) A PROCESS AND PLANT

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(71) UNO Technology Pty Ltd  
 (21) 2021902096 (22) 09.07.2021  
 (54) A PROCESS AND PLANT

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(71) Vantari Pty Ltd  
 (21) 2021902193 (22) 16.07.2021  
 (54) Ultrasound simulation

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(71) Varden Process Pty Ltd  
 (21) 2021902187 (22) 16.07.2021  
 (54) Coating Material Application Method and Application System

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(71) Vheam Pty Ltd  
 (21) 2021902157 (22) 14.07.2021  
 (54) Teaser

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(71) Warbrook Enterprises Pty Ltd  
 (21) 2021902142 (22) 13.07.2021  
 (54) Mobile Service Platform

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(71) Webb, A.; Stowell, G.  
 (21) 2021902108 (22) 09.07.2021  
 (54) Invisible edge lens

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(71) Woodbury, G.  
 (21) 2021902176 (22) 15.07.2021  
 (54) Supply Continuity Management System

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(71) Zaatar Creek  
 (21) 2021902188 (22) 16.07.2021  
 (54) Knife plus spoon = Knoon (pronounced 'noon')

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(71) Z-INTERNATIONAL (AUSTRALIA) PTY LTD  
 (21) 2021902132 (22) 13.07.2021  
 (54) IMPROVED AUTO-ID TAG FOR WRITING INSTRUMENTS

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<b>2021901903</b>	Lampard, R.	<b>2021902168</b>	CosmoAesthetics Pty Ltd
<b>2021902094</b>	UNO Technology Pty Ltd	<b>2021902169</b>	CosmoAesthetics Pty Ltd
<b>2021902096</b>	UNO Technology Pty Ltd	<b>2021902170</b>	Incannex Healthcare Limited
<b>2021902105</b>	APPS ON PTY LTD	<b>2021902171</b>	Pharmaxis Ltd.
<b>2021902106</b>	Thermaguard Pty Ltd	<b>2021902172</b>	Australian National University
<b>2021902107</b>	Carrington, A.; Smith, B.	<b>2021902173</b>	Multigate Medical Products Pty Ltd
<b>2021902108</b>	Webb, A.; Stowell, G.	<b>2021902174</b>	Greengold Engineering Pty Ltd
<b>2021902109</b>	Minelab Electronics Pty. Limited	<b>2021902175</b>	Adama Australia Pty Limited
<b>2021902110</b>	Burrell, A.I.	<b>2021902176</b>	Woodbury, G.
<b>2021902111</b>	ANDRE, A.; HAM, B.	<b>2021902177</b>	UNIQCO-IP PTY LTD
<b>2021902112</b>	RANlytics Limited	<b>2021902178</b>	UNIQCO-IP PTY LTD
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<b>2021902114</b>	RANlytics Limited	<b>2021902180</b>	Mesoblast International Sarl
<b>2021902115</b>	The University of Queensland	<b>2021902181</b>	Ghanbari, M.
<b>2021902116</b>	NewSouth Innovations Pty Limited	<b>2021902182</b>	Anderson, M.
<b>2021902117</b>	Global Trade Supplies Pty Ltd	<b>2021902183</b>	Cyber Security Research Centre Limited
<b>2021902118</b>	MEDMONT INTERNATIONAL PTY LTD	<b>2021902184</b>	ResMed Pty Ltd
<b>2021902119</b>	Blastone Technology Pty Ltd	<b>2021902185</b>	lillico, k.
<b>2021902120</b>	CYMBAL PAVERS PTY LTD	<b>2021902186</b>	PRANA ENTERPRISE PTY LTD
<b>2021902121</b>	Nand, A.	<b>2021902187</b>	Varden Process Pty Ltd
<b>2021902122</b>	MICROBA IP PTY LTD	<b>2021902188</b>	Zaatar Creek
<b>2021902123</b>	Stile Board Pty Ltd	<b>2021902189</b>	Kitchintel Global Holdings
<b>2021902124</b>	Hall, S.	<b>2021902190</b>	Fastbrick IP Pty Ltd
<b>2021902125</b>	Priolo, F.	<b>2021902192</b>	Resource Conservation & Recycling Corp Pty Ltd
<b>2021902126</b>	Jasper Medtech Pty Ltd	<b>2021902193</b>	Vantari Pty Ltd
<b>2021902127</b>	oakey, c.	<b>2021902194</b>	Commonwealth Scientific and Industrial Research Organisation; Exios Bio LLS
<b>2021902128</b>	Alchin Long Group IP Pty Limited	<b>2021902195</b>	Dabble Sports Pty Ltd
<b>2021902129</b>	BMSA ANCHORING SYSTEMS PTY LTD	<b>2021902196</b>	Smile Real Estate Pty. Ltd.
<b>2021902130</b>	The University of Sydney	<b>2021902197</b>	Roar Software Pty Ltd
<b>2021902131</b>	ASF Technologies (Australia) Pty Ltd	<b>2021902198</b>	Coppin, B.A.; Coppin, L.T.
<b>2021902132</b>	Z-INTERNATIONAL (AUSTRALIA) PTY LTD	<b>2021902199</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2021902133</b>	Matic Financial Technology Pty Ltd	<b>2021902200</b>	TWOBESEEN Pty Ltd
<b>2021902134</b>	LI, L.	<b>2021902201</b>	Outsight Pty Ltd
<b>2021902135</b>	Achurch, R.	<b>2021902203</b>	HENNESSY, G.
<b>2021902136</b>	Ducrou, L.	<b>2021902204</b>	DELAND, D.
<b>2021902137</b>	NewSouth Innovations Pty Limited	<b>2021902206</b>	Chertkow, B.; Chertkow, D.
<b>2021902138</b>	Stonehaven Incubate AG	<b>2021902207</b>	N.A. & E.P. COON NOMINEES PTY LTD
<b>2021902139</b>	Seeing Machines Limited		
<b>2021902140</b>	STEN, M.		
<b>2021902141</b>	Flinders University of South Australia		
<b>2021902142</b>	Warbrook Enterprises Pty Ltd		
<b>2021902143</b>	ResMed Pty Ltd		
<b>2021902144</b>	Ripponlea Australia Pty Ltd		
<b>2021902145</b>	Moore, G.P.		
<b>2021902146</b>	Twomey, G.		
<b>2021902147</b>	University of South Australia		
<b>2021902148</b>	University of South Australia; Central Adelaide Local Health Network Inc		
<b>2021902149</b>	GWR Pty Ltd		
<b>2021902150</b>	Fast Automation Pty Ltd		
<b>2021902151</b>	Commonwealth Scientific and Industrial Research Organisation		
<b>2021902152</b>	Sim, R.		
<b>2021902153</b>	Lendlease Digital IP Pty Limited		
<b>2021902154</b>	Matthew Wolfer as Trustee for the Wolfer Family Trust		
<b>2021902155</b>	DIT AgTech Limited		
<b>2021902156</b>	Botanic Gardens and Parks Authority		
<b>2021902157</b>	Vheam Pty Ltd		
<b>2021902158</b>	The Walter and Eliza Hall Institute of Medical Research		
<b>2021902159</b>	OURFUTURES HOLDINGS PTY LTD		
<b>2021902160</b>	Rose, A.		
<b>2021902161</b>	Esnouf, P.		
<b>2021902162</b>	Barlow, D.		
<b>2021902163</b>	Theorem Pty Ltd		
<b>2021902164</b>	GotSkill Platforms Limited		
<b>2021902165</b>	Pagden, K.		
<b>2021902166</b>	Foote, N.		
<b>2021902167</b>	Samsara Recycling Pty Limited		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Jul 2021 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) ACCESS CLOSURE, INC. (21) 2021204805 (22) 08.07.2021 (54) Chitosan and polyethylene glycol copolymers and methods and devices for using same for sealing a vascular puncture (62) 2019204615</p> <hr/> <p>(71) Acres Technology (21) 2021204715 (22) 06.07.2021 (54) Electronic Gaming Machine Trigger in Response to a Live Sporting Event (31) 16/922,197 (32) 07.07.20 (33) US</p> <hr/> <p>(71) Activator Methods International, Ltd. (21) 2021204657 (22) 02.07.2021 (54) CHIROPRACTIC ADJUSTING INSTRUMENT SYSTEM AND METHOD (62) 2018333967</p> <hr/> <p>(71) Active Implants LLC (21) 2021204793 (22) 08.07.2021 (54) Two-piece floating joint replacement device with a rigid backing material (62) 2018306750</p> <hr/> <p>(71) AFILIAS LIMITED (21) 2021204604 (22) 01.07.2021 (54) SYSTEM AND METHOD FOR PUBLISHING DNS RECORDS OF A DOMAIN INCLUDING EITHER SIGNED OR UNSIGNED RECORDS (31) 16/920,076 (32) 02.07.20 (33) US</p> <hr/> <p>(71) Albert Einstein College of Medicine, Inc. (21) 2021204594 (22) 01.07.2021 (54) Syntac polypeptides and uses thereof (62) 2019203442</p> <hr/> <p>(71) Alert Innovation Inc. (21) 2021204720 (22) 06.07.2021 (54) Storage and retrieval system (62) 2016270946</p> <hr/> <p>(71) Align Technology, Inc. (21) 2021204816 (22) 09.07.2021 (54) IDENTIFICATION OF AREAS OF INTEREST DURING INTRAORAL SCANS (62) 2019284043</p> <hr/>	<p>(71) Alios BioPharma, Inc. (21) 2021204791 (22) 08.07.2021 (54) Substituted nucleosides, nucleotides and analogs thereof (62) 2015280248</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021204655 (22) 02.07.2021 (54) Complement component iRNA compositions and methods of use thereof (62) 2014362262</p> <hr/> <p><b>Ambrx, Inc. see Elanco US Inc.</b> (21) 2021204727</p> <hr/> <p>(71) Apple Inc. (21) 2021204661 (22) 02.07.2021 (54) Sample adaptive offset control (62) 2020201584</p> <hr/> <p>(71) Apple Inc. (21) 2021204695 (22) 05.07.2021 (54) Intelligent digital assistant in a multi-tasking environment (62) 2020201030</p> <hr/> <p>(71) Apple Inc. (21) 2021204788 (22) 08.07.2021 (54) Electronic card having an electronic interface (62) 2019222840</p> <hr/> <p>(71) Ares Trading S.A. (21) 2021204814 (22) 09.07.2021 (54) Pyrazole compounds as modulators of FSHR and uses thereof (62) 2020201240</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021204641 (22) 01.07.2021 (54) Gaming machine and gaming process including further game symbols (62) 2019203011</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021204702 (22) 05.07.2021 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2019250274</p> <hr/>	<hr/> <p>(71) Arvinas, Inc. (21) 2021204556 (22) 30.06.2021 (54) COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF ANDROGEN RECEPTOR (62) 2017341723</p> <hr/> <p>(71) Arvinas Operations, Inc. (21) 2021204549 (22) 30.06.2021 (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS (62) 2017366693</p> <hr/> <p>(71) Astellas Institute for Regenerative Medicine (21) 2021204719 (22) 06.07.2021 (54) Pharmaceutical preparations of human RPE cells and uses thereof (62) 2019201201</p> <hr/> <p>(71) AT Space Pty Ltd (21) 2021204653 (22) 02.07.2021 (54) Propellant Injector for Hybrid Rocket Engines</p> <hr/> <p>(71) Auspex Pharmaceuticals, Inc. (21) 2021204740 (22) 07.07.2021 (54) Methods for the treatment of abnormal involuntary movement disorders (62) 2016229949</p> <hr/> <p><b>Axino Solutions AG see Genossenschaft Migros Zürich</b> (21) 2021204780</p> <hr/> <p>(71) BASF Plant Science Company GmbH (21) 2021204777 (22) 08.07.2021 (54) Novel fatty acid desaturases and elongases and uses thereof (62) 2018282290</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2021204624 (22) 01.07.2021 (54) System and method for preparing a pharmaceutical compound (62) 2020202229</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2021204781 (22) 08.07.2021</p>
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(54) Biological fluid collection and stabilization system  
(62) 2019217369

(71) Bigfoot Biomedical, Inc.  
(21) 2021204821 (22) 09.07.2021  
(54) Operating multi-modal medicine delivery systems  
(62) 2016385454

(71) Bigfoot Biomedical, Inc.  
(21) 2021204831 (22) 09.07.2021  
(54) Operating multi-modal medicine delivery systems  
(62) 2016385454

(71) BISSELL Inc.  
(21) 2021204748 (22) 07.07.2021  
(54) Surface cleaning apparatus  
(31) 16/922,665 (32) 07.07.20 (33) US

(71) Boehringer Ingelheim Animal Health USA Inc.  
(21) 2021204688 (22) 05.07.2021  
(54) Parasitocidal compositions comprising an isoxazoline active agent, methods and uses thereof  
(62) 2019203419

(71) British American Tobacco (Investments) Limited  
(21) 2021204752 (22) 07.07.2021  
(54) Article for use in apparatus for heating smokable material  
(62) 2020201368

(71) C2N Diagnostics LLC  
(21) 2021204800 (22) 08.07.2021  
(54) Humanized anti-tau antibodies  
(62) 2015279643

(71) Caterpillar Underground Mining Pty. Ltd.  
(21) 2021204742 (22) 07.07.2021  
(54) INTERNAL SUPPORT STRUCTURE FOR UNDERGROUND BATTERY MACHINES  
(31) 16/936,075 (32) 22.07.20 (33) US

(71) Chelation Partners Incorporated  
(21) 2021204603 (22) 01.07.2021  
(54) Polymeric metal chelating compositions and methods of preparing same for controlling growth and activities of living cells and organisms  
(62) 2017314880

(71) Chubak, G.  
(21) 2021204696 (22) 05.07.2021  
(54) SYSTEM AND METHOD FOR GEO-PHYSICAL DATA COLLECTION  
(62) 2015201070

(71) ConMed Corporation  
(21) 2021204726 (22) 06.07.2021  
(54) Suture system for connecting and creating suspension between at least two bodies  
(62) 2018280027

(71) Cox Automotive, Inc.  
(21) 2021204794 (22) 08.07.2021  
(54) SYSTEMS AND METHODS FOR ASSOCIATING WEBSITE VISITORS WITH A STICKY DYNAMIC INTERNET PROTOCOL (IP) ADDRESS  
(31) 63/049,502 (32) 08.07.20 (33) US

(71) Deere & Company  
(21) 2021204737 (22) 07.07.2021  
(54) Row unit mounting system  
(31) 17/305,186 (32) 01.07.21 (33) US  
63/058,646 30.07.20 US

(71) Denis, D.  
(21) 2021204701 (22) 05.07.2021  
(54) System and Method for Generation of Power Utilizing Lunar Gravity  
(31) 16/929,346 (32) 15.07.20 (33) US  
17/101,309 23.11.20 US

(71) Dolby International AB  
(21) 2021204708 (22) 06.07.2021  
(54) Signaling change in output layer sets  
(62) 2019200932

(71) Dolby International AB  
(21) 2021204754 (22) 07.07.2021  
(54) Method and device for applying dynamic range compression to a higher order ambisonics signal  
(62) 2019205998

(71) Dolby International AB  
(21) 2021204773 (22) 08.07.2021  
(54) Complex Exponential Modulated Filter Bank for High Frequency Reconstruction or Parametric Stereo  
(62) 2020201570

(71) Dolby International AB  
(21) 2021204779 (22) 08.07.2021  
(54) Improved Harmonic Transposition  
(62) 2020201239

(71) DongGuan Koham Industrial Co., Ltd.  
(21) 2021204778 (22) 08.07.2021  
(54) BIDIRECTIONAL DRIVING MECHANISM FOR ELECTRIC SCISSORS BLADES AND ELECTRIC SCISSORS BLADES  
(31) 202011553727.4 (32) 24.12.20 (33) CN

(71) DraftKings, Inc.  
(21) 2021204766 (22) 08.07.2021  
(54) SYSTEMS AND METHODS FOR DYNAMICALLY ADJUSTING DISPLAY CONTENT AND PARAMETERS ON A DISPLAY DEVICE  
(62) 2019367831

(71) Edwards Lifesciences Corporation  
(21) 2021204636 (22) 01.07.2021  
(54) Catheter assembly  
(62) 2018351966

Eisai R&D Management Co., Ltd. see Epizyme, Inc.  
(21) 2021204706

(71) Elanco US Inc.; Ambrx, Inc.  
(21) 2021204727 (22) 06.07.2021  
(54) PORCINE G-CSF VARIANTS AND THEIR USES  
(62) 2018348138

(71) Epizyme, Inc.; Eisai R&D Management Co., Ltd.  
(21) 2021204706 (22) 06.07.2021  
(54) METHOD FOR TREATING CANCER  
(62) 2015350108

(71) Epona Biotech Ltd  
(21) 2021204806 (22) 08.07.2021  
(54) Device and methods  
(62) 2019213448

(71) Essilor International  
(21) 2021204776 (22) 08.07.2021  
(54) EYEWEAR  
(31) FR2007340 (32) 10.07.20 (33) FR

(71) Evelo Biosciences, Inc.  
(21) 2021204574 (22) 30.06.2021  
(54) Probiotic and prebiotic compositions, and methods of use thereof for modulation of the microbiome  
(62) 2015353425

(71) Evolve Biosystems, Inc.  
(21) 2021204822 (22) 09.07.2021  
(54) ACTIVATED BIFIDOBACTERIA AND METHODS OF USE THEREOF  
(62) 2015335601

(71) Face International Corporation  
(21) 2021204738 (22) 07.07.2021  
(54) SYSTEMS AND METHODS FOR PRODUCING SCATTERING SELECTED WAVELENGTHS OF ELECTROMAGNETIC ENERGY  
(62) 2019202892

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(71) Fastcap Systems Corporation  
 (21) 2021204666 (22) 04.07.2021  
 (54) HIGH TEMPERATURE ENERGY STORAGE DEVICE  
 (62) 2019202805

(71) Fenwal, Inc.  
 (21) 2021204735 (22) 07.07.2021  
 (54) Systems and methods for optimization of plasma collection volumes  
 (62) 2019274489

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021204649 (22) 02.07.2021  
 (54) NASAL CANNULA ASSEMBLIES AND RELATED PARTS  
 (62) 2019201077

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021204741 (22) 07.07.2021  
 (54) Patient Interfaces  
 (62) 2020200999

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021204771 (22) 08.07.2021  
 (54) High frequency welding for headgear  
 (62) 2015332097

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021204785 (22) 08.07.2021  
 (54) Patient Interfaces  
 (62) 2016314605

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021204789 (22) 08.07.2021  
 (54) Headgear assembly  
 (62) 2016298653

(71) FJ Dynamics Co., Ltd.  
 (21) 2021204694 (22) 05.07.2021  
 (54) TERMINAL, SERVER, INTERNET OF THINGS DATA TRANSMISSION METHOD, AND DATA TRANSMISSION SYSTEM  
 (31) 202010641133.2 (32) 06.07.20 (33) CN

(71) FLEXXON PTE LTD  
 (21) 2021204804 (22) 08.07.2021  
 (54) MODULE AND METHOD FOR DETECTING MALICIOUS ACTIVITIES IN A BOOT SECTOR OF A MEMORY DEVICE  
 (31) 10202009754Q (32) 01.10.20 (33) SG

(71) FMC CORPORATION  
 (21) 2021204658 (22) 02.07.2021  
 (54) USE OF SAFENERS WITH PPO INHIBITOR HERBICIDES  
 (62) 2017234507

(71) Fraser, M.  
 (21) 2021204796 (22) 08.07.2021  
 (54) A portable shelter  
 (31) 2021900005 (32) 04.01.21 (33) AU  
 (62) PCT/AU2020/050033

(71) Gallium Enterprises Pty Ltd  
 (21) 2021204644 (22) 02.07.2021  
 (54) Buried activated p-(Al,In)GaN layers  
 (62) 2018365942

(71) Genentech, Inc.  
 (21) 2021204596 (22) 01.07.2021  
 (54) Anti-CD79b antibodies and immun-conjugates and methods of use  
 (62) 2019202880

(71) Genentech, Inc.  
 (21) 2021204704 (22) 05.07.2021  
 (54) Process for the preparation of tricyclic PI3K inhibitor compounds and methods for using the same for the treatment of cancer  
 (62) 2016369528

(71) Genossenschaft Migros Zürich; Axino Solutions AG  
 (21) 2021204780 (22) 08.07.2021  
 (54) FOOD SAFETY SYSTEM FOR FOOD ITEMS IN COOLED ENVIRONMENTS  
 (31) 20 185 317.3 (32) 10.07.20 (33) EP

(71) Geovert Ground Engineering Pty Ltd  
 (21) 2021204698 (22) 05.07.2021  
 (54) A BRACKET FOR A LATTICE CONSTRUCTION TOWER FOUNDATION  
 (31) 2020902294 (32) 03.07.20 (33) AU

(71) Globaltech Corporation Pty Ltd; Longyear TM, Inc.  
 (21) 2021204633 (22) 01.07.2021  
 (54) Core barrel head assembly with an integrated sample orientation tool and system for using same  
 (62) 2019257536

(71) Globe (Jiangsu) Co., Ltd.  
 (21) 2021204765 (22) 07.07.2021  
 (54) SWITCH ASSEMBLY, CONTROL METHOD OF SWITCH ASSEMBLY AND POWER TOOL  
 (31) 202010701627.5 (32) 20.07.20 (33) CN

(71) Glycosyn LLC  
 (21) 2021204736 (22) 07.07.2021  
 (54) Alpha (1,3) fucosyltransferases for use in the production of fucosylated oligosaccharides  
 (62) 2015315110

(71) Google LLC  
 (21) 2021204723 (22) 06.07.2021

(54) REFINING QUBIT CALIBRATION MODELS USING SUPERVISED LEARNING  
 (62) 2017443044

(71) Google LLC  
 (21) 2021204774 (22) 08.07.2021  
 (54) SECURITY IN A SMART-SENSORED HOME  
 (62) 2020201207

(71) GoPlus Corp.  
 (21) 2021204598 (22) 01.07.2021  
 (54) Systems and methods for a rollaway folding bed  
 (31) 16/926,378 (32) 10.07.20 (33) US

(71) Greatcell Energy Pty Ltd  
 (21) 2021204722 (22) 06.07.2021  
 (54) A Photovoltaic Device  
 (62) 2019257470

(71) Guangzhou Classic & Fresh Crafts Co., Limited  
 (21) 2021204699 (22) 05.07.2021  
 (54) TENT PEG AND PROCESSING METHOD THEREOF  
 (31) 202010638833.6 (32) 06.07.20 (33) CN

(71) HazProtect Pty Ltd  
 (21) 2021204733 (22) 07.07.2021  
 (54) Method and system to contain or encapsulate radioactive materials and toxic substances for transportation or containment  
 (62) 2016336036

(71) Howmedica Osteonics Corp.  
 (21) 2021204775 (22) 08.07.2021  
 (54) FUNCTIONAL POSITIONING FOR KNEE PLANNING  
 (31) 63/050,924 (32) 13.07.20 (33) US

(71) HOWMEDICA OSTEONICS CORP.  
 (21) 2021204625 (22) 01.07.2021  
 (54) ANATOMIC IMPLANT FOR JOINTS  
 (31) 63/048,271 (32) 06.07.20 (33) US

(71) Huawei Technologies Co., Ltd.  
 (21) 2021204576 (22) 30.06.2021  
 (54) CONTROL INFORMATION TRANSMISSION METHOD, RELATED APPARATUS, AND COMPUTER STORAGE MEDIUM  
 (62) 2018263110

(71) Huawei Technologies Co., Ltd.  
 (21) 2021204638 (22) 01.07.2021  
 (54) SYSTEM AND METHOD FOR TRIGGERING BEAM RECOVERY  
 (62) 2018284728

Complete Applications Filed - Name Index cont'd

(71) Illumina, Inc.  
 (21) 2021204700 (22) 05.07.2021  
 (54) Polynucleotide Amplification Using CR-  
 ISPR-Cas Systems  
 (62) 2015346514

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(71) Immatix Biotechnologies GmbH  
 (21) 2021204753 (22) 07.07.2021  
 (54) TRANSFECTED T-CELLS AND T-  
 CELL RECEPTORS FOR USE IN IM-  
 MUNOTHERAPY AGAINST CANCERS  
 (62) 2017235467

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(71) Implantica Patent Ltd  
 (21) 2021204626 (22) 01.07.2021  
 (54) Device and Method for Embryo Control  
 (62) 2019204811

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(71) Insitu, Inc. (a subsidiary of the Boeing  
 Company)  
 (21) 2021204693 (22) 05.07.2021  
 (54) A controlled powerup sequence for an  
 unmanned aerial vehicle (UAV)  
 (31) 63/082,270 (32) 23.09.20 (33) US

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(71) Institut für Energietechnik  
 (21) 2021204728 (22) 06.07.2021  
 (54) Transparent photochromic device  
 (62) 2017208632

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(71) InterDigital Patent Holdings, Inc.  
 (21) 2021204761 (22) 07.07.2021  
 (54) Uplink transmissions in wireless com-  
 munications  
 (62) 2019206097

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(71) Israel Aerospace Industries Ltd.  
 (21) 2021204651 (22) 02.07.2021  
 (54) Proximity navigation of unmanned  
 vehicles  
 (62) 2019211311

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(71) Itron, Inc.  
 (21) 2021204829 (22) 09.07.2021  
 (54) Optimized parent and path selection for  
 battery powered devices within a wire-  
 less network  
 (31) 16/930,228 (32) 15.07.20 (33) US

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(71) Joy Global Underground Mining LLC  
 (21) 2021204803 (22) 08.07.2021  
 (54) Cutting bit assembly  
 (62) 2015380665

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**Knight, J. see Ryan, J.**  
 (21) 2021204665

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(71) Koninklijke Douwe Egberts B.V.  
 (21) 2021204824 (22) 09.07.2021  
 (54) A capsule, a system for preparing a  
 potable beverage from such a capsule

and use of such a capsule in a bever-  
 age preparation device  
 (62) 2016264684

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(71) Koninklijke Douwe Egberts B.V.  
 (21) 2021204827 (22) 09.07.2021  
 (54) A capsule, a system for preparing a  
 potable beverage from such a capsule  
 and use of such a capsule in a bever-  
 age preparation device  
 (62) 2016264687

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(71) Koninklijke Douwe Egberts B.V.  
 (21) 2021204832 (22) 09.07.2021  
 (54) A capsule, a system for preparing a  
 potable beverage from such a capsule  
 and use of such a capsule in a bever-  
 age preparation device  
 (62) 2016264690

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(71) KONTROL GROUP LIMITED  
 (21) 2021204731 (22) 06.07.2021  
 (54) Novel Multipurpose Fast Dehumidifica-  
 tion Device

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(71) Lees, K.  
 (21) 2021204601 (22) 01.07.2021  
 (54) BALL GAME BACKBOARD

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(71) LG Electronics Inc.  
 (21) 2021204707 (22) 06.07.2021  
 (54) Clothes treating apparatus  
 (62) 2019203836

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(71) LG Electronics Inc.  
 (21) 2021204711 (22) 06.07.2021  
 (54) REFRIGERATOR  
 (31) 10-2020-0082770 (32) 06.07.20 (33) KR  
 10-2020-0082783 06.07.20 KR

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(71) LG Electronics Inc.  
 (21) 2021204713 (22) 06.07.2021  
 (54) REFRIGERATOR  
 (31) 10-2020-0082767 (32) 06.07.20 (33) KR

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(71) LG Electronics Inc.  
 (21) 2021204714 (22) 06.07.2021  
 (54) REFRIGERATOR  
 (31) 10-2020-0082772 (32) 06.07.20 (33) KR  
 10-2020-0082773 06.07.20 KR

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(71) LG Electronics Inc.  
 (21) 2021204750 (22) 07.07.2021  
 (54) Cleaner holder  
 (62) 2020201842

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(71) LG Electronics Inc.  
 (21) 2021204809 (22) 09.07.2021  
 (54) MOTOR FAN  
 (31) 10-2020-0084923 (32) 09.07.20 (33) KR

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(71) LIM, Y.  
 (21) 2021204663 (22) 03.07.2021  
 (54) Center Bracket for Adjusting Sprinkler  
 Body  
 (31) KR (32) 14.05.21 (33) KR  
 10-2021-0062658

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(71) Lincoln Global, Inc.  
 (21) 2021205012 (22) 13.07.2021  
 (54) MOBILE OXYGEN POINT OF USE AP-  
 PARATUS  
 (31) 63/052,516 (32) 16.07.20 (33) US  
 17/227,437 12.04.21 US

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(71) LIXMA TECH CO., LTD.  
 (21) 2021204712 (22) 06.07.2021  
 (54) ABNORMALITY DETECTING SYSTEM  
 FOR A SOLAR POWER GRID  
 (31) 109123086 (32) 08.07.20 (33) TW  
 109140960 23.11.20 TW

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(71) Lockheed Martin Corporation  
 (21) 2021204833 (22) 09.07.2021  
 (54) ALL-PURPOSE FOREIGN OBJECT  
 DEBRIS DETECTION AND RETRIEV-  
 AL DEVICE  
 (31) 16/938,356 (32) 24.07.20 (33) US

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**Longyear TM, Inc. see Globaltech Corpora-  
 tion Pty Ltd**  
 (21) 2021204633

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(71) Magic Leap, Inc.  
 (21) 2021204725 (22) 06.07.2021  
 (54) Localization determination for mixed  
 reality systems  
 (62) 2018210015

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(71) Mandometer AB  
 (21) 2021204600 (22) 01.07.2021  
 (54) A probabilistic context free grammar for  
 food intake  
 (62) 2016247433

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(71) Manifold, N.  
 (21) 2021204650 (22) 02.07.2021  
 (54) TWO-POLE IEC LEAD ADAPTOR

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(71) Mashtraxx Limited  
 (21) 2021204836 (22) 09.07.2021  
 (54) Rhythmic Synchronization Of Cross  
 Fading For Musical Audio Section Re-  
 placement For Multimedia Playback  
 (62) 2021201716

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(71) Mayo Foundation for Medical Education  
 and Research  
 (21) 2021204730 (22) 06.07.2021

Complete Applications Filed - Name Index cont'd

- (54) System and method for integrating three dimensional video and galvanic vestibular stimulation  
(62) 2016377491
- 
- (71) McIntosh, J.  
(21) 2021204802 (22) 08.07.2021  
(54) Method and apparatus for modification of a motor vehicle suspension  
(62) 2020202596
- 
- (71) McMahan, A.J.  
(21) 2021204813 (22) 09.07.2021  
(54) An Electronically Implemented Quota-tion Moderation and Comparison Sys-tem  
(31) 2020902397 (32) 10.07.20 (33) AU
- 
- (71) MedImmune Limited  
(21) 2021204798 (22) 08.07.2021  
(54) BINDING PROTEINS SPECIFIC FOR LOX1 AND USES THEREOF  
(62) 2015326891
- 
- (71) Medizinische Universität Innsbruck  
(21) 2021204691 (22) 05.07.2021  
(54) Improved pharmacokinetics and cholecystokinin-2 receptor (CCK2R) targeting for diagnosis and therapy  
(62) 2018280861
- 
- (71) Medtronic Navigation, Inc.  
(21) 2021204812 (22) 09.07.2021  
(54) G-shaped arm imaging devices, sys-tems, and methods  
(31) 16/945,094 (32) 31.07.20 (33) US
- 
- (71) Merck Sharp & Dohme Corp.  
(21) 2021204629 (22) 01.07.2021  
(54) Bis-quarternary cinchona alkaloid salts as asymmetric phase transfer catalysts  
(62) 2019206049
- 
- (71) Miles, S.  
(21) 2021204762 (22) 07.07.2021  
(54) APPARATUS FOR STORING OR MOVING ITEMS  
(31) 2021901064 (32) 12.04.21 (33) AU
- 
- (71) ModernaTX, Inc.  
(21) 2021204763 (22) 07.07.2021  
(54) Compounds and compositions for intra-cellular delivery of therapeutic agents  
(62) 2016324310
- 
- (71) Molloy, M.  
(21) 2021204808 (22) 09.07.2021  
(54) A method of recycling  
(31) PCT/ (32) 12.12.18 (33) WO NZ2018/050176
- 
- (71) MORSE MICRO PTY. LTD.  
(21) 2021204647 (22) 02.07.2021  
(54) SYSTEM AND A METHOD FOR MAN-AGEMENT OF COMMUNICATION SUBCHANNELS IN A WIRELESS COMMUNICATION DEVICE  
(31) 2020902293 (32) 03.07.20 (33) AU
- 
- (71) Nabati Foods Inc.  
(21) 2021204817 (22) 09.07.2021  
(54) Egg substitute and method of manufac-ture  
(31) 17/369,930 (32) 07.07.21 (33) US
- 
- (71) Naiad Maritime Group, Inc.  
(21) 2021204825 (22) 09.07.2021  
(54) Fin stabilizer  
(31) 16/925,556 (32) 10.07.20 (33) US
- 
- (71) Natural Brew Inc  
(21) 2021204605 (22) 01.07.2021  
(54) Systems, Devices, and Methods for In-troducing Additives to a Pressurised Vessel  
(62) 2016314266
- 
- (71) Nemaska Lithium Inc.  
(21) 2021204689 (22) 05.07.2021  
(54) Methods for treating lithium-containing materials  
(62) 2019203355
- 
- (71) Nextremity Solutions, Inc.  
(21) 2021204642 (22) 02.07.2021  
(54) BONE WEDGE DEVICE AND METH-OD  
(31) 63/049,243 (32) 08.07.20 (33) US
- 
- (71) Northrop Grumman Systems Corpora-tion  
(21) 2021204744 (22) 07.07.2021  
(54) Controlling a state of a qubit assembly via tunable coupling  
(62) 2019213568
- 
- (71) Novartis AG  
(21) 2021204687 (22) 05.07.2021  
(54) Combination therapies  
(62) 2015327868
- 
- (71) NOY PTY LTD  
(21) 2021204769 (22) 08.07.2021  
(54) 12ga Proscare Rounds
- 
- (71) NuVasive Specialized Orthopedics, Inc.  
(21) 2021204968 (22) 12.07.2021  
(54) SYSTEMS FOR BONE TRANSPORT  
(62) 2017212806
- 
- (71) Ohio State Innovation Foundation  
(21) 2021204628 (22) 01.07.2021
- 
- (54) METHODS AND COMPOSITIONS RE-LATED TO ACCELERATED HUMORAL AFFINITY  
(62) 2016354444
- 
- (71) Opus Medical Therapies, LLC  
(21) 2021204745 (22) 07.07.2021  
(54) Transcatherer atrial sealing skirt, an-chor, and tether and methods of im-plantation  
(62) 2018248292
- 
- (71) Oticon Medical A/S  
(21) 2021204577 (22) 30.06.2021  
(54) Drill Bit, Drill Kit and Method for Drilling a Cavity or a Recess into a Skull  
(31) 20184691.2 (32) 08.07.20 (33) EP
- 
- (71) Palo Alto Research Center Incorpor-ated  
(21) 2021204686 (22) 05.07.2021  
(54) METHODS AND SYSTEMS FOR DAM-AGE EVALUATION OF STRUCTURAL ASSETS  
(31) 16/984,767 (32) 04.08.20 (33) US
- 
- (71) Pharmalink International Limited  
(21) 2021204787 (22) 08.07.2021  
(54) Lipid combinations  
(62) 2018392997
- 
- (71) PhysiPal Pty Ltd  
(21) 2021204640 (22) 01.07.2021  
(54) An apparatus for rehabilitating a joint of a body
- 
- (71) PLF International Limited  
(21) 2021204648 (22) 02.07.2021  
(54) Vacuum extraction and sealing of con-tainers  
(62) 2020202986
- 
- (71) Plungie IP Pty Ltd  
(21) 2021204732 (22) 06.07.2021  
(54) PREFABRICATED POOL
- 
- (71) Prudenfort Pty Ltd  
(21) 2021204566 (22) 30.06.2021  
(54) Distraction device for needle insertion into tissue
- 
- (71) Psionic LLC  
(21) 2021204561 (22) 30.06.2021  
(54) NAVIGATION SYSTEM FOR GPS DENIED ENVIRONMENTS
- 
- (71) Qualcomm Incorporated  
(21) 2021204772 (22) 08.07.2021  
(54) DYNAMICALLY CONVEY INFORMA-TION OF DEMODULATION REFER-ENCE SIGNAL AND PHASE NOISE

Complete Applications Filed - Name Index cont'd

COMPENSATION REFERENCE SIGNAL (62) 2017252163		(71) Sakura Finetek U.S.A., Inc. (21) 2021204835 (22) 09.07.2021 (54) Forceps with replaceable tips (31) 17/368,765 (32) 06.07.21 (33) US 63/052,667 16.07.20 US	(71) Shade Chic Pty Ltd (21) 2021204652 (22) 02.07.2021 (54) Fitted Sheet
(71) Rail Control Systems Australia Pty Ltd (21) 2021204799 (22) 08.07.2021 (54) Speed proving method and apparatus (62) 2017361138		(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc. (21) 2021204767 (22) 08.07.2021 (54) Methods for treating patients with heterozygous familial hypercholesterolemia (heFH) (62) 2015289613	(71) SHANGHAI PAN-CHINA FASTENING SYSTEMS CO, LTD. (21) 2021204565 (22) 30.06.2021 (54) Rolled pipe thread processing method, rolling head, apparatus, module, production line, and product thereof (62) 2017376521
(71) Reddy, S. (21) 2021204582 (22) 30.06.2021 (54) Mobile Autonomous Healthcare Integrated Facility (31) 2021901298 (32) 02.05.21 (33) AU		(71) Saphyre, Inc. (21) 2021204627 (22) 01.07.2021 (54) Technologies for file sharing (62) 2019280994	(71) Shenzhen Enduring Biotech, Ltd. (21) 2021204606 (22) 01.07.2021 (54) LONG ACTING MULTI-SPECIFIC MOLECULES AND RELATED METHODS (62) 2017346401
(71) Reeves, J. (21) 2021204834 (22) 09.07.2021 (54) VEHICLE LIGHT (31) 2020902412 (32) 13.07.20 (33) AU		(71) SAS Systems Pty Ltd (21) 2021204639 (22) 01.07.2021 (54) IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE (62) 2016218930	(71) SIGE S.P.A (21) 2021204969 (22) 12.07.2021 (54) DEVICE FOR CARRYING CONTAINERS (31) 102020000017080 (32) 14.07.20 (33) IT
<b>Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology</b> (21) 2021204767		(71) Schneider Electric Industries SAS (21) 2021204823 (22) 09.07.2021 (54) MODULE STRUCTURE OF LIQUID CRYSTAL DISPLAY AND MANUFACTURING PROCESS OF MODULE STRUCTURE (31) 202010661089.1 (32) 10.07.20 (33) CN	(71) Smart Wires Inc. (21) 2021204768 (22) 08.07.2021 (54) Sinusoidal wave formation for reduction of oscillations, harmonics and distortion using short pulses to reduce the number of required impedance injection units (31) 63/198,374 (32) 14.10.20 (33) US 17/301,148 26.03.21 US
(71) Rezvani, B. (21) 2021204810 (22) 09.07.2021 (54) EMERGENCY DRONE GUIDANCE DEVICE (62) 2018208596		(71) Schneider Electric USA, Inc. (21) 2021204755 (22) 07.07.2021 (54) SYSTEMS AND METHODS FOR MANAGING VOLTAGE EVENT ALARMS IN AN ELECTRICAL SYSTEM (62) 2019204822	(71) Snap-on Incorporated (21) 2021204591 (22) 30.06.2021 (54) SOCKET DRIVE IMPROVEMENT (61) 2017245465
(71) Rikco International, LLC (21) 2021204792 (22) 08.07.2021 (54) Pressure relief system for footwear (62) 2019200672		(71) Schock GmbH (21) 2021204815 (22) 09.07.2021 (54) Heat-curable biobased casting composition, shaped article produced therefrom and process for producing such a shaped article (31) 102020119386.6 (32) 22.07.20 (33) DE	(71) Snap-on Incorporated (21) 2021204599 (22) 01.07.2021 (54) Ergonomic housing for a power tool (31) 17/348,050 (32) 15.06.21 (33) US 63/049,800 09.07.20 US
(71) RxSafe, LLC (21) 2021204637 (22) 01.07.2021 (54) Pharmaceutical storage and retrieval system and methods of storing and retrieving pharmaceuticals (62) 2019236706		(71) SEMINIS VEGETABLE SEEDS, INC. (21) 2021204717 (22) 06.07.2021 (54) Green Bean Plants with Improved Disease Resistance (31) 16/930,304 (32) 15.07.20 (33) US	(71) Snap-on Incorporated (21) 2021204613 (22) 01.07.2021 (54) Push button release mechanism for pliers (31) 16/942,304 (32) 29.07.20 (33) US
(71) Ryan, J.; Knight, J. (21) 2021204665 (22) 04.07.2021 (54) Natural Aloe Vera is freeze-dried and re-constituted as needed, for first-aid treatment of minor burns, where the application of cool running water is either not practical or not possible.		(71) SenSen Networks Group Pty Ltd (21) 2021204716 (22) 06.07.2021 (54) System and method for automated table game activity recognition (62) 2017266438	(71) Soul Machines (21) 2021204756 (22) 07.07.2021 (54) TRANSFER LEARNING IN IMAGE RECOGNITION SYSTEMS (31) NZ776441 (32) 21.05.21 (33) NZ
(71) S.C. Johnson & Son, Inc. (21) 2021204710 (22) 06.07.2021 (54) Storage bag with improved gripping features (62) PCT/US2019/054697			(71) Soul Machines (21) 2021204757 (22) 07.07.2021 (54) SKELETAL ANIMATION IN EMBODIED AGENTS (31) 770157 (32) 20.11.20 (33) NZ

Complete Applications Filed - Name Index cont'd

(71) Soul Machines  
 (21) 2021204758 (22) 07.07.2021  
 (54) AUTONOMOUS ANIMATION IN EMBODIED AGENTS  
 (31) 770193 (32) 20.11.20 (33) NZ

(71) Soul Machines  
 (21) 2021204760 (22) 07.07.2021  
 (54) CONVERSATION ORCHESTRATION IN INTERACTIVE AGENTS  
 (31) 771659 (32) 05.01.21 (33) NZ

(71) Specialist Health Solutions Limited  
 (21) 2021204786 (22) 08.07.2021  
 (54) UV emitter and controller for disinfection of spaces  
 (31) 2010591.2 (32) 09.07.20 (33) GB

(71) Stryker Corporation  
 (21) 2021204610 (22) 01.07.2021  
 (54) Patient support usable with bariatric patients  
 (62) 2019204948

(71) Stryker Corporation  
 (21) 2021204662 (22) 02.07.2021  
 (54) Bone mill  
 (62) 2019202517

(71) Stryker European Holdings I, LLC  
 (21) 2021204590 (22) 30.06.2021  
 (54) Surgical instrument with ultrasonic tip for fibrous tissue removal  
 (62) 2016280071

(71) Sungrow Power Supply Co., Ltd.  
 (21) 2021204632 (22) 01.07.2021  
 (54) Energy storage system and method for capacity expansion thereof  
 (31) 202010633967.9 (32) 02.07.20 (33) CN

(71) Sunhouse Technologies, Inc.  
 (21) 2021205035 (22) 14.07.2021  
 (54) Systems and methods for capturing and interpreting audio  
 (62) 2015320353

(71) Suntory Holdings Limited  
 (21) 2021204645 (22) 02.07.2021  
 (54) Carbonated beverage, syrup used for preparing carbonated beverage, method for manufacturing carbonated beverage, and method for suppressing foaming in carbonated beverage  
 (62) 2019219718

(71) SWIMC LLC  
 (21) 2021204724 (22) 06.07.2021  
 (54) Prep tool  
 (62) 2019229396

(71) Symons, I.  
 (21) 2021204631 (22) 01.07.2021  
 (54) MULTIPLE BLADE CIRCULAR SAW SYSTEMS  
 (31) 2021901554 (32) 25.05.21 (33) AU

(71) Syqe Medical Ltd.  
 (21) 2021204703 (22) 05.07.2021  
 (54) FLOW REGULATING INHALER DEVICE  
 (62) 2019229369

(71) Taiyuan University of Technology  
 (21) 2021204759 (22) 07.07.2021  
 (54) DEVICE FOR DETERMINING EXPANSION PRESSURE AND EXPANSION DISPLACEMENT GENERATED BY COKING COAL BASED ON SELF-REGULATION OF SPRING  
 (31) 202010989191.4 (32) 19.09.20 (33) CN

(71) The Board of Trustees of the Leland Stanford Junior University  
 (21) 2021204595 (22) 01.07.2021  
 (54) Macrophages eat cancer cells using their own calreticulin as a guide  
 (62) 2016209268

(71) The Boeing Company  
 (21) 2021204709 (22) 06.07.2021  
 (54) Composite thin wingbox architecture for supersonic business jets  
 (31) 63/058,019 (32) 29.07.20 (33) US

(71) The Chamberlain Group, Inc.  
 (21) 2021204734 (22) 07.07.2021  
 (54) Barrier operator feature enhancement  
 (62) 2019210566

(71) The Scripps Research Institute  
 (21) 2021204635 (22) 01.07.2021  
 (54) Stem cell cultures  
 (62) 2019210531

(71) The Trustees of the University of Pennsylvania  
 (21) 2021204612 (22) 01.07.2021  
 (54) Improved vaccines and methods for using the same  
 (62) 2019229397

(71) The Trustees of the University of Pennsylvania  
 (21) 2021204630 (22) 01.07.2021  
 (54) Compositions comprising AAV expressing dual antibody constructs and uses thereof  
 (62) 2015259188

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services  
 (21) 2021204818 (22) 09.07.2021  
 (54) METHODS TO ELIMINATE CANCER STEM CELLS BY TARGETING CD47  
 (62) 2015329696

(71) Toshiba Energy Systems & Solutions Corporation  
 (21) 2021204646 (22) 02.07.2021  
 (54) Electrochemical cell and electrochemical cell stack  
 (31) 2020-114580 (32) 02.07.20 (33) JP

(71) Translate Bio, Inc.  
 (21) 2021204597 (22) 01.07.2021  
 (54) LIPID NANOPARTICLE COMPOSITIONS AND METHODS FOR MRNA DELIVERY  
 (62) 2019201924

(71) Transportation IP Holdings, LLC  
 (21) 2021204729 (22) 06.07.2021  
 (54) GEARCASE ASSEMBLY AND METHOD  
 (31) 63/048,729 (32) 07.07.20 (33) US  
 17/364,484 30.06.21 US

(71) Trespa International B.V.  
 (21) 2021204747 (22) 07.07.2021  
 (54) A DECORATIVE PANEL  
 (62) 2016377226

(71) truRating Limited  
 (21) 2021204751 (22) 07.07.2021  
 (54) Improved system for collecting customer ratings from a pin entry device  
 (62) 2015341558

(71) Turbovich, I.  
 (21) 2021204179 (22) 21.06.2021  
 (54) Garment  
 (62) 2019201913

(71) Turntide Technologies Inc.  
 (21) 2021204739 (22) 07.07.2021  
 (54) Reduced noise and vibration switched reluctance machine  
 (62) 2019255248, 2020220113

(71) TuSimple, Inc.  
 (21) 2021204746 (22) 07.07.2021  
 (54) Visibility condition determinations for autonomous driving operations  
 (31) 16/938,251 (32) 24.07.20 (33) US

(71) University of North Carolina at Chapel Hill  
 (21) 2021204797 (22) 08.07.2021

Complete Applications Filed - Name Index cont'd

(54) Method of engrafting cells from solid tissues  
(62) 2019271995

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(71) Vanda Pharmaceuticals Inc.  
(21) 2021204784 (22) 08.07.2021  
(54) TREATMENT OF CIRCADIAN RHYTHM DISORDERS  
(62) 2019204306

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(71) VELOX-PUREDIGITAL LTD.  
(21) 2021204654 (22) 02.07.2021  
(54) PRINTING FORMULATIONS AND METHODS  
(62) 2017223365

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(71) VOYAGER THERAPEUTICS, INC.  
(21) 2021204620 (22) 01.07.2021  
(54) Central nervous system targeting polynucleotides  
(62) 2016206478

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(71) W. L. Gore & Associates, Inc.  
(21) 2021204634 (22) 01.07.2021  
(54) Prosthetic valves with mechanically coupled leaflets  
(62) 2018342223

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(71) W. L. Gore & Associates, Inc.  
(21) 2021204801 (22) 08.07.2021  
(54) Leaflet frame attachment for prosthetic valves  
(62) 2018334191

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(71) Werner Co.  
(21) 2021204617 (22) 01.07.2021  
(54) Composite Rung for a Ladder and Method  
(62) 2019203056

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(21) 2021204721 (22) 06.07.2021  
(54) IMPROVED INFLUENZA B VIRUS REPLICATION FOR VACCINE DEVELOPMENT  
(62) 2017221444

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(21) 2021204819 (22) 09.07.2021  
(54) Real-time data acquisition and recording system viewer  
(62) 2017268273

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(71) Wix.com Ltd.  
(21) 2021204770 (22) 08.07.2021  
(54) System integrating a mobile device application creation, editing and distribution system with a website design system  
(62) 2016299874

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(71) Wonderland Switzerland AG  
(21) 2021204705 (22) 06.07.2021  
(54) Baby carriage brake mechanism and baby carriage having the same  
(31) 202010659794.8 (32) 09.07.20 (33) CN

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(71) Wuhan Neurophth Biotechnology Limited Company  
(21) 2021204690 (22) 05.07.2021  
(54) Compositions and methods for treating Leber's hereditary optic neuropathy  
(62) 2019296451

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(71) YETI Coolers, LLC  
(21) 2021204743 (22) 07.07.2021  
(54) Closure and lid and method of forming closure and lid  
(62) 2019257415

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(71) Yoo's Biopharm Inc.  
(21) 2021204660 (22) 02.07.2021  
(54) COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF VISUAL IMPAIRMENTS COMPRISING URSODEOXYCHOLIC ACID  
(62) 2020204384

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(71) ZTE Corporation  
(21) 2021204579 (22) 30.06.2021  
(54) Method For Processing Snapshots And Distributed Block Storage System  
(62) 2018223401

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<b>(71) Agarwal, A.; Chaturvedi, P.; Patel, R.G.; Sankar, B.B.; BHANAWAT, H.; Saxena, A.; Asthana, S.</b> (21) 2021103601 (22) 24.06.2021 <b>(54) SYSTEM AND METHOD FOR MONITORING POST COVID PATIENT USING MACHINE LEARNING AND BLOCK CHAIN</b>	<b>Asthana, S. see Agarwal, A.</b> (21) 2021103601	<b>BHANAWAT, H. see Agarwal, A.</b> (21) 2021103601
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(71) BRAVAT GLOBAL PTY LTD

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(54) A TOILET

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(21) 2021103630

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(21) 2021103638

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(21) 2021103654

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(21) 2021103570

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(21) 2021103595

(71) Central South University

(21) 2021103604 (22) 24.06.2021

(54) SOFT THRESHOLD DEFENSE METHOD FOR ADVERSARIAL EXAMPLES OF REMOTE SENSING IMAGES

(31) 2021105380702 (32) 18.05.21 (33) CN

(71) Central South University; Chongqing Geomatics and Remote Sensing Center

(21) 2021103625 (22) 25.06.2021

(54) REMOTE SENSING IMAGE SEMANTIC SEGMENTATION METHOD BASED ON CONTRASTIVE SELF-SUPERVISED LEARNING

(31) 2021102852561 (32) 17.03.21 (33) CN

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(21) 2021103639

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(21) 2021103573

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(21) 2021103601

(71) Chawla, D.; Trivedi, M.; Somani, V.; Trivedi, A.

(21) 2021103646 (22) 26.06.2021

(54) NOVEL FACE DETECTION TECHNIQUES FOR SECURITY SURVEILLANCE UNDER OCCLUDED FACE IMAGES

**Chen, G. see Ye, H.**

(21) 2021103570

(71) China Institute of Water Resources and Hydropower Research

(21) 2021103631 (22) 25.06.2021

(54) Experimental device and method for simulating the migration process of submarine debris flow

(31) 202110050217.3 (32) 14.01.21 (33) CN

(71) China University of Mining and Technology

(21) 2021103670 (22) 28.06.2021

(54) COLLAPSIBLE BUILDING UNIT

(71) Chinese Academy of Sciences

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(21) 2021103612 (22) 25.06.2021

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(21) 2021103642

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(21) 2021103616

(71) Clavijo Soto, J.D.; Clavijo Soto, J.C.

(21) 2021103616 (22) 25.06.2021

(54) A furniture system

(31) 2020903759 (32) 16.10.20 (33) AU

**CNPC Engineering Technology Research Company Limited see Tianjin University**

(21) 2021103583

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(21) 2021103640

(71) CYCLINGDEAL USA, INC.

(21) 2021103599 (22) 24.06.2021

(54) PLATFORM FOR FITNESS EQUIPMENT

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(71) Dalian University of Technology

(21) 2021103676 (22) 28.06.2021

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(21) 2021103678

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(21) 2021103628

(71) Devarajan, B.; R, P.; M, K.; J, J.C.; S.N, K.; J, V.; M, V, S.; Dukkupati, S.; S, B.; Anand, J.; O, K.; Mannam, P.; Y, M.R.; Mahammad, F.S.; V, M.; B S, V.; M, K.A.

(21) 2021103630 (22) 25.06.2021

(54) COMBINING THE GAS-METAL ELEMENT FOR GREEN ENERGY HARVESTING OPTIMISED USING MACHINE LEARNING

(71) DEVICHINTA, N.; VELUGULA, M.K.; KATRENIPADU, S.P.; PUJARI, S.; RAJESH, D.; MALLELA, K.; SHARMA, K.K.; SURYA GOWTHAM, A.V.; KUMAR AMBEDKAR, B.R.; MALLELA, G.

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(21) 2021103674

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(71) doewes, R.; Elumalai, G.; Azmi, S.H.; Abdul Razak, N.; Purnama, S.K.; Hendaro, S.; Kumar, S.; Kardiyanto, D.W.; Nair, R.; Nair, P.S.

(21) 2021103650 (22) 26.06.2021

(54) METHOD FOR DOPING KNOWLEDGE APPLICATION FOR SPORT ATHLETES AS A MEDIA FOR PREVENTING DOPING USAGE

(71) Du, T.; Zeng, J.

(21) 2021103673 (22) 28.06.2021

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(71) Eswaraiyah, R.; Tirumalasetty, S.; Gundabatini, S.G.; Putheti, S.; Kolluru, S.B.; Nallamala, S.H.; Pinnamaneni, S.P.; Janjanam, M.B.; Pujari, J.J.; Prasann, N.L.  
(21) 2021103578 (22) 24.06.2021  
(54) A Novel Method COVID -19 infection using Deep Learning Based System

(71) Everett, P.  
(21) 2021103567 (22) 23.06.2021  
(54) A Litter Box

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(21) 2021103566

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(21) 2021103568

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(71) Guang'an People's Hospital  
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(54) Inflatable acquiring cabin  
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(71) Guangdong University of Education  
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(71) Guangzhou Procept Biotech Co., Ltd.  
(21) 2021103596 (22) 24.06.2021  
(54) A PURE PLANT SOURCE OF VITAMIN A VITAMIN D SANDWICH GEL CANDY  
(31) 202010620066.6 (32) 30.06.20 (33) CN

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(71) Hebei Hospital of Traditional Chinese Medicine  
(21) 2021103611 (22) 25.06.2021  
(54) External plaster for treating asthma and preparation method thereof

(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.  
(21) 2021103628 (22) 25.06.2021  
(54) SMART ORGANIC LED FARMING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING MODEL

**Hendarto, S. see doewes, R.**  
(21) 2021103650

(71) Hollis, S.; Pickering, A.  
(21) 2021103657 (22) 27.06.2021  
(54) Fabrication of frameless, "Armoured" storm & corrosion resistant "relocatable Villa's" - mounted on, - purpose built, dissectible road registered car drawn trailers, specifically designed for transportation of Miniature houses, Villa's, Relocatable offices/Amenity & Ablution modules, Workshops, & Studios

(71) Hudswell, C.  
(21) 2021103582 (22) 24.06.2021  
(54) Training or Exercise Apparatus

(71) Ingale, P.; Jamadar, J.B.; Kaur, J.; THANGAMAYAN, S.; PREMALATHA, R.; Petare, P.; MURUGAN, V.; Shah, R.; Mahajan, T.; Pallathadka, H.; Shrivastava, A.; Kumar, T.R.  
(21) 2021103660 (22) 28.06.2021  
(54) AN ANALYSIS OF FINANCIAL STATEMENT BY USING THE TECHNIQUE OF RATIO ANALYSIS.

(71) Institute of Anima11 Husbanhy of Heilongjiang Academy of Agricultural Sciences  
(21) 2021103632 (22) 26.06.2021  
(54) An active probiotic feed additive

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(71) Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences

(21) 2021103633 (22) 26.06.2021  
(54) a feed additive capable for improving breeding capability of Min breeding pigs and preparation method thereof

(71) Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences

(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

(71) Institute of Animal Husbandry of Heilongjiang Academy of Agricultural Sciences

(21) 2021103636 (22) 26.06.2021  
(54) AUXILIARY DEVICE FOR PIGLET MEDICINE INFUSION AND USE METHOD THEREOF

(71) Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences

(21) 2021103594 (22) 24.06.2021  
(54) A SNP molecular marker for identifying lint percentage of upland cotton

(71) Institute of Cereal and Oil Crops Hebei Academy of Agri. and Fore. Sci.; Guantao County Huayezhuangyuan Black Wheat Industry Co. Ltd

(21) 2021103581 (22) 24.06.2021  
(54) Purple Wheat-Infused Liquor and Preparation Method Thereof

(71) Institute of Urban Environment, Chinese Academy of Sciences

(21) 2021103663 (22) 28.06.2021  
(54) METHOD, SYSTEM AND DEVICE FOR MEASURING BUILDING OPERATIONAL ENERGY CONSUMPTION CARBON EMISSIONS WITH HIGH RESOLUTION  
(31) 202110327526.0 (32) 26.03.21 (33) CN

(71) Institute of Water Resources for Pastoral Area, MWR

(21) 2021103617 (22) 25.06.2021  
(54) VEGETATION DRIP IRRIGATION DEVICE FOR MINING AREAS  
(31) 2021202480761 (32) 28.01.21 (33) CN

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(21) 2021103597

J, J.C. see Devarajan, B.

(21) 2021103630

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(21) 2021103654

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(21) 2021103642

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(21) 2021103660

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(21) 2021103578

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(21) 2021103648

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(21) 2021103608

Jhade, D. see Ahirwar, D.  
(21) 2021103573

Jiang, Z. see Ye, H.  
(21) 2021103570

(71) Jiangxi Agricultural University  
(21) 2021103615 (22) 25.06.2021  
(54) Convenient and Reliable High Shooting Bracket for Forest Canopy Images

(71) Jiangxi Agricultural University  
(21) 2021103672 (22) 28.06.2021  
(54) Protein related to rice wax synthesis and its coding gene WSL5 and application thereof

Jindal, S. see Malviya, R.  
(21) 2021103637

Johnreo, R. see Raaza, A.  
(21) 2021103626

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(21) 2021103680

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(21) 2021103643

Jyothi, C. see Prithvi, C.  
(21) 2021103642

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(21) 2021103638

Kamangar, S. see Tirth, V.  
(21) 2021103640

Kardiyanto, D.W. see doewes, R.  
(21) 2021103650

(71) Katpatal, Y.B.; Shirkhedkar, S.S.  
(21) 2021103681 (22) 28.06.2021  
(54) A FAULT IMPORTANCE INDEX AS EARTHQUAKE SOURCE CRITERIA FOR SEISMIC ZONATION

KATRENIPADU, S.P. see DEVICHINTA, N.  
(21) 2021103644

Kaur, J. see Ingale, P.  
(21) 2021103660

(71) Kaushik, J.; Kumar, A.; Goswami, P.  
(21) 2021103598 (22) 24.06.2021  
(54) INTERNET OF THINGS (IOT) BASED INTELLIGENT VISITOR TERMINAL FOR IDENTIFYING VISITORS

(71) KAVITHA, G.  
(21) 2021103651 (22) 26.06.2021  
(54) A METHOD AND SYSTEM FOR PERFORMING WEATHER FORECAST

Khan Tatagar, M.Y. see Tirth, V.  
(21) 2021103640

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(21) 2021103634

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(21) 2021103578

(71) Krelle, S.M.  
(21) 2021103662 (22) 28.06.2021  
(54) ADAPTOR FOR A PEELING TOOL

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(21) 2021103575

Kumar, A. see Kumar, V.  
(21) 2021103575

(71) Kumar, V.; B. S., P.; Mishra, S.B.; Biswal, A.R.; Banerjee, D.; Kumar, V.D.;

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S. Ganiger, S.; Sakri, M.; Kumar, A.; Panda, R.C. (21) 2021103575 (22) 23.06.2021 (54) VOLATILE COMPONENTS COLLECTION UNIT WITH INCINERATION OF CRUDE PLANT MATERIALS	(54) Phase Change Inhibited Heat Transfer Materials for High Density Racks and Blade Servers Cooling	(54) Neem (Azadirachita indica) Gum Based in Situ Gelling System for Targeted Delivery of Simvastatin into Stomach
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Kumar, B. see Hemalatha, S. (21) 2021103628	Mahammad, F.S. see Devarajan, B. (21) 2021103630	(71) Meesaraganda, L.V.P.; Mazumder, E.; Joseph, A. (21) 2021103680 (22) 28.06.2021 (54) A COMPOSITION OF ENVIRONMENTAL FRIENDLY SELF-COMPACTING GEOPOLYMER CONCRETE AND METHOD OF PREPARATION THEREOF
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(71) Lad, M.K.; Mane, M.; Mane, S.; Mhetre, M. (21) 2021103619 (22) 25.06.2021 (54) A MULTI-PURPOSE SANITIZATION CHAMBER	MALLELA, G. see DEVICHINTA, N. (21) 2021103644	Mishra, S. see Malviya, R. (21) 2021103637
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(71) Li, Y.; Diao, J. (21) 2021103587 (22) 24.06.2021 (54) Method for Treating Dye Wastewater by Adsorption Synergistic Magnetic Separation Technology	Mallick, B.C. see Badhai, S. (21) 2021103494	Mishra, P. see Singh, P. (21) 2021103643
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(71) Li, L. (21) 2021103666 (22) 28.06.2021	(71) Malviya, R. (21) 2021103679 (22) 28.06.2021	Mishra, S.K. see SAHU, N. (21) 2021103678
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		Mohit see Ahirwar, D. (21) 2021103573
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(71) M T, G.; K, C.; C, N.; YH, S.; B N, A.; P, R.; Gowda, V.

(21) 2021103638 (22) 26.06.2021

(54) Method of Making Potato Chips Using Machine Learning Programming.

Mungara, J. see Hemalatha, S.

(21) 2021103628

(71) Murdock, P.

(21) 2021103665 (22) 28.06.2021

(54) Method of inducing rigidity in backfilled underground mine systems

MURUGAN, V. see Ingale, P.

(21) 2021103660

(71) MyWork Australia Pty Ltd

(21) 2021103671 (22) 28.06.2021

(54) An e-commerce system for multi-party e-commerce transaction payment processing

(31) 2020902167 (32) 29.06.20 (33) AU

N., K. see S., G.

(21) 2021103654

Nair, R. see doewes, R.

(21) 2021103650

Nair, P.S. see doewes, R.

(21) 2021103650

Nallamala, S.H. see Eswaraiah, R.

(21) 2021103578

(71) Nanchang Hangkong University

(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

Nanda, A. see Barik, R.C.

(21) 2021103652

(71) Nantong University

(21) 2021103572 (22) 23.06.2021

(54) SOFT ANTI-BALLISTIC COMPOSITE MATERIAL AND PREPARATION METHOD THEREOF

Nath Panda, S. see Barik, R.C.

(21) 2021103652

(71) Navukkarasan, A.; Kumar, M.P.; Sastry, C.C.

(21) 2021103624 (22) 25.06.2021

(54) METHOD OF CRYOGENIC BROACHING OF AISI 4340 STEEL

(31) 202141024397 (32) 01.06.21 (33) IN

Nayak, C.K. see R., D.

(21) 2021103607

NCL Environmental Protection Technology Co., Ltd see Shanghai Ocean University

(21) 2021103584

Nigam, P. see R., D.

(21) 2021103607

(71) Ningbo Polytechnic

(21) 2021103590 (22) 24.06.2021

(54) Sodium manganese fluorosilicate-based cathode material for sodium ion battery and preparation method thereof

(71) Ningxia Jindingtai Energy Saving Technology Co., Ltd.; Ding, H.

(21) 2021103674 (22) 28.06.2021

(54) Preparation method of healthcare wine for dispelling cold and tonifying kidney

(71) Norton, M.

(21) 2021103585 (22) 24.06.2021

(54) New wet separator Invention

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(21) 2021103630

Owen, T. see Owen, S.

(21) 2021103645

(71) Owen, S.; Owen, T.

(21) 2021103645 (22) 26.06.2021

(54) Improved curing system for field applied UV cured coatings

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(21) 2021103638

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(21) 2021103654

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(21) 2021103652

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(21) 2021103634

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(21) 2021103660

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(21) 2021103575

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(21) 2021103606

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(21) 2021103643

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(21) 2021103601

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(21) 2021103573

Pattnaik, P. see Swetapadma, A.

(21) 2021103639

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(21) 2021103660

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(21) 2021103657

Pinnamaneni, S.P. see Eswaraiah, R.

(21) 2021103578

Pippal, S.K. see Singh, P.

(21) 2021103643

(71) Pitt, K.

(21) 2021103620 (22) 25.06.2021

(54) A DRUM BRAKE SHOE AND AN APPARATUS AND METHOD FOR CHANGING SAME

(62) 2020356723

(71) Pranveer Singh Institute of Technology Kanpur; Integral University Lucknow

(21) 2021103597 (22) 24.06.2021

(54) A POLYHERBAL GEL COMPOSITION FOR ORAL SUB MUCOSAL FIBROSIS

Prasann, N.L. see Eswaraiah, R.

(21) 2021103578

PREMALATHA, R. see Ingale, P.

(21) 2021103660

(71) Pride Mobility Australia Pty Ltd

(21) 2021103627 (22) 25.06.2021

(54) RECLINER CHAIR WITH HEADREST

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(71) Prithvi, C.; Jahnavi, C.; Chintakindi, S.; Jyothi, C.

(21) 2021103642 (22) 26.06.2021

(54) Intelligent Car Wiper: Rain and Dust Sensing Intelligent Car Wiper.

(71) PROACTIVE GROUND SOLUTIONS PTY LTD

(21) 2021103571 (22) 23.06.2021

(54) Inhibited Oxidiser or Inhibited Explosive for use in Reactive Ground

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Pujari, J.J. see Eswaraiah, R.

(21) 2021103578

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(21) 2021103644

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(21) 2021103608

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(21) 2021103650

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(21) 2021103578

(71) Qilu University of Technology

(21) 2021103668 (22) 28.06.2021

(54) METHOD FOR PREPARING HEAT-SEALABLE BASE PAPER

R, P. see Devarajan, B.

(21) 2021103630

(71) R., D.; Nayak, C.K.; Nigam, P.; Samal, S.R.; Ramana, B.V.; Kumar, M.P.; Malik, S.; Mishra, A.; Samanta, S.; Shaw, R.; Ghosh, A.; Shrivastava, A.

(21) 2021103607 (22) 24.06.2021

(54) ARTIFICIAL INTELLIGENCE IN HEALTHCARE AND MEDICINE ENHANCING THE EXPERT

(71) Raaza, A.; .A.K, D.R.; .A, S.; Salil, F.N.; Sabith, F.; Manimaran, K.; Johnreo, R.; Suhas, K.N.S.; S, J.

(21) 2021103626 (22) 25.06.2021

(54) IoT CONTROLLED AUTOBOT FOR WAREHOUSE MANAGEMENT

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(21) 2021103628

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(21) 2021103606

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(21) 2021103628

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(21) 2021103637

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(21) 2021103644

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(21) 2021103607

(71) Ramaraj, E.; Kumar, K.K.; Geetha, P.; Kumar, S.S.; Senthilrajan, A.; Majumder, K.; Rani, R.S.; Singh, K.; Pukkunnen, E.B.; Jenopaul, P.

(21) 2021103608 (22) 24.06.2021

(54) IOT BASED SMART DUSTBIN

Rani, R.S. see Ramaraj, E.

(21) 2021103608

(71) Rhino Hide Pty Ltd

(21) 2021103629 (22) 25.06.2021

(54) A Panel Assembly, A Panel, A Mounting Arrangement and a Method of Securing same to a Surface

(31) 2020902125 (32) 25.06.20 (33) AU  
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(21) 2021103628

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(21) 2021103658

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(21) 2021103626

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(21) 2021103630

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(21) 2021103628

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(21) 2021103654

(71) S., G.; P., S.K.; A., M.; S., N.; C., S.R.; E., P.; N., K.; J. S., S.M.; M., D.

(21) 2021103654 (22) 27.06.2021

(54) A SYSTEM AND METHOD FOR DIAGNOSIS OF ALZHEIMER'S DISEASE WITH AI-BASED MACHINE LEARNING

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(21) 2021103575

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(21) 2021103630

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(21) 2021103626

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(21) 2021103634

Sahu, S.K. see SAHU, N.

(21) 2021103678

(71) SAHU, N.; Bakariya, B.; Bisen, D.; Verma, J.S.; Dangi, D.; Dixit, D.K.; Sahu, S.K.; Choukiker, M.K.; Mishra, S.K.; Behera, C.

(21) 2021103678 (22) 28.06.2021

(54) METHOD AND APPARATUS FOR COMPETITIVE ADVANTAGES OF DATA SCIENCE TOOLS

(71) Saidian, S.

(21) 2021103622 (22) 25.06.2021

(54) A stud wall restraint system for in-plane building movement isolation

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(21) 2021103575

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(21) 2021103626

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(21) 2021103607

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(21) 2021103601

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(21) 2021103641

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(21) 2021103658

(71) SARKAR, V.; BISWAS, H.; SARKAR, M.; ROY, A.; VERMA, G.

(21) 2021103658 (22) 27.06.2021

(54) IOT BASED SMART PANDEMIC DETECTION DEVICE AND METHOD FOR PANDEMIC PREVENTIVE MEASURES



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(21) 2021103624

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(21) 2021103601

(71) Scott Golf Designs  
(21) 2021103655 (22) 27.06.2021  
(54) multi-purpose golf accessory

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(21) 2021103608

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(21) 2021103660

(71) Shandong Provincial No.6 Exploration Institute of Geology and Mineral Resources  
(21) 2021103577 (22) 23.06.2021  
(54) METHOD AND DEVICE FOR LOCATING DEEP-SEATED DECATONIC GOLD DEPOSITS

(71) Shandong University of Technology  
(21) 2021103591 (22) 24.06.2021  
(54) Curing agent for titanium gypsum road, preparation method and application method thereof

(71) Shanghai Ocean University; NCL Environmental Protection Technology Co., Ltd  
(21) 2021103584 (22) 24.06.2021  
(54) Method for cold chain sterilization and disinfection

(71) Shaoguan University; Shenzhen Xihan Health Co.,Ltd.; Guangdong Shichangsheng Cosmetics Manufacturing Co.,Ltd.; Fudan University  
(21) 2021103579 (22) 24.06.2021  
(54) Camellia nitidissima C.W.Chi Caffeine and Chlorogenic acid composition for anti-SARS-CoV-2 and preparation method and application thereof

(71) Sharma, R.  
(21) 2021103653 (22) 27.06.2021  
(54) A METHOD OF IN SILICO SCREENING FOR A CHEMICAL COMPOUND WHICH ACTS AS A DRUG AGAINST SARS-CoV-2

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(21) 2021103644

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(21) 2021103607

(71) Shenzhen KE RUI ER TE Electronics Technology Co., Ltd

(21) 2021103683 (22) 28.06.2021  
(54) WIRELESS CHARGER, CHARGING ASSEMBLY, MATCHING ASSEMBLY AND BRACKET FOR ELECTRIC EQUIPMENT  
(31) 202010603169.1 (32) 29.06.20 (33) CN  
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(21) 2021103579

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(21) 2021103647

(71) Sichuan Huaneng Baoxinghe Hydro-power Co., Ltd.  
(21) 2021103574 (22) 23.06.2021  
(54) An emergency management platform for hydroelectric power station

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(21) 2021103608

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(21) 2021103634

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(21) 2021103637

(71) Singh, H.; Sarkar, B.K.  
(21) 2021103641 (22) 26.06.2021  
(54) INTELLIGENT UV- LIGHT BOX/ EQUIPMENT TO DISINFECT CORONA VIRUS, BACTERIA, VIRUS.

(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.  
(21) 2021103643 (22) 26.06.2021

(54) A SYSTEM FOR EXCHANGING MEDIA BETWEEN ENTITIES

(71) Small, S.  
(21) 2021103613 (22) 25.06.2021  
(54) A SHOE COVER

(71) Snackon  
(21) 2021103682 (22) 28.06.2021  
(54) Pet pee tray / Pet patio

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(21) 2021103646

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(21) 2021103647

(71) Southwest Medical University  
(21) 2021103580 (22) 24.06.2021  
(54) Covered Stent

(71) Southwest Medical University  
(21) 2021103614 (22) 25.06.2021  
(54) Double-layer Film-coated Stent

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(21) 2021103637

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(21) 2021103643

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(21) 2021103626

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(21) 2021103637

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(21) 2021103644

**Swarnkar, S. see Wal, P.**  
(21) 2021103634

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(21) 2021103639 (22) 26.06.2021  
(54) A generalized epileptic seizure detection framework independent of defined channels.

**THANGAMAYAN, S. see Ingale, P.**  
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(71) Tianjin University; CNPC Engineering Technology Research Company Limited  
(21) 2021103583 (22) 24.06.2021  
(54) Device and experimental method for simulating the effect of submarine tidal sand waves on pipeline engineering

(71) Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University  
(21) 2021103566 (22) 23.06.2021  
(54) A MEDIUM PROMOTING MYCELIA GROWTH OF PHELLINUS IGNIARIUS

(71) Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University  
(21) 2021103568 (22) 23.06.2021  
(54) A CULTIVATION METHOD FOR BAG-PLANTED FLAMMULINA VELUTIPES FRUITING

(71) Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University  
(21) 2021103569 (22) 23.06.2021  
(54) A METHOD CULTIVATING VOLVARELLA VOLVACEA WITH FLAMMULINA VELUTIPES MUSHROOM BRAN

(71) Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.  
(21) 2021103640 (22) 26.06.2021  
(54) Textile Mill Waste Water and Solid Waste Converted into Biodiesel and Bio Composites and other Value Added Products.

**Tirumalasetty, S. see Eswaraiah, R.**  
(21) 2021103578

(71) Tomlinson, D.  
(21) 2021103576 (22) 23.06.2021  
(54) PREPARATION AND USE OF A DRY CLEAN POWDER FOR FABRIC

(71) Travers, A.; Williams, K.  
(21) 2021103675 (22) 28.06.2021  
(54) Building Element

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(71) Trivedi, M.; Goyal, N.; Somani, V.; Shukla, D.K.; Trivedi, S.  
(21) 2021103647 (22) 26.06.2021  
(54) An Approach for Classification of Malicious Host in Cloud Environment

**Upmanu, V. see Singh, P.**  
(21) 2021103643

(71) Usman, M.R.M.  
(21) 2021103621 (22) 25.06.2021  
(54) A METHOD OF PREPARATION OF AQUEOUS EXTRACT OF SIDA RHOMBIFOLIA LINN FOR ANTIBACTERIAL ACTIVITY

**V, M. see Devarajan, B.**  
(21) 2021103630

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(21) 2021103644

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(21) 2021103678

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(21) 2021103658

(71) Vermeulen, A.  
(21) 2021103586 (22) 24.06.2021  
(54) Spiral Word Game

**Vikram, S. see Hemalatha, S.**  
(21) 2021103628

(71) Wal, P.; Khunteta, A.; Pal, Y.; Swarnkar, S.; Singh, P.; Sachan, A.  
(21) 2021103634 (22) 26.06.2021  
(54) FAST DISSOLVING TABLETS FOR RESTORING IMMUNITY

**Williams, K. see Travers, A.**  
(21) 2021103675

(71) Xinjiang Agricultural University  
(21) 2021103593 (22) 24.06.2021  
(54) Additive for improving ruminant digestibility of roughage ration and use thereof  
(31) 202010655479.8 (32) 09.07.20 (33) CN

(71) Xuzhou University of Technology  
(21) 2021103656 (22) 27.06.2021  
(54) Device for producing quaternary ammonium salt surfactant

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(54) High-safety Gallium Oxide High-Temperature Calcining Furnace

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(71) Ye, H.; Ma, J.; Chen, G.; Hao, B.; Cai, Y.; Jiang, Z.; Mo, X.  
(21) 2021103570 (22) 23.06.2021  
(54) A method to expand crowns of Camellia Osmantha Young trees

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences  
(21) 2021103603 (22) 24.06.2021  
(54) METHOD FOR PREPARING SARDINE OIL FROM SARDINE LEFTOVERS

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences  
(21) 2021103605 (22) 24.06.2021  
(54) METHOD FOR PREPARING PROTEIN PEPTIDE POWDER WITH SARDINE LEFTOVERS

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd  
(21) 2021103677 (22) 28.06.2021  
(54) A method for observing natural spawning of parent fish of *Seriola aureovittata*

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(71) Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)  
(21) 2021103592 (22) 24.06.2021  
(54) EST-SSR PRIMER SET FOR GENE RELATED TO LEAD STRESS RESPONSES AND KIT

(71) Zhejiang provincial people's hospital  
(21) 2021103618 (22) 25.06.2021  
(54) Anti-virus transmission type medical waste bin with negative pressure function

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<b>2021103565</b>	Binzhou Medical University	<b>2021103608</b>	Ramaraj, E.; Kumar, K.K.; Geetha, P.; Kumar, S.S.; Senthilrajan, A.; Majumder, K.; Rani, R.S.; Singh, K.; Pukkunnen, E.B.; Jenopaul, P.
<b>2021103566</b>	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University	<b>2021103609</b>	Bhardwaj, S.; Kumar, N.; Malik, G.
<b>2021103567</b>	Everett, P.	<b>2021103610</b>	Guang'an People's Hospital
<b>2021103568</b>	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University	<b>2021103611</b>	Hebei Hospital of Traditional Chinese Medicine
<b>2021103569</b>	Tibet Academy of Agriculture and Animal Husbandry Sciences; Fujian Agriculture and Forestry University	<b>2021103612</b>	Chinese Academy of Sciences Chongqing Green Intelligence Technology Academe
<b>2021103570</b>	Ye, H.; Ma, J.; Chen, G.; Hao, B.; Cai, Y.; Jiang, Z.; Mo, X.	<b>2021103613</b>	Small, S.
<b>2021103571</b>	PROACTIVE GROUND SOLUTIONS PTY LTD	<b>2021103614</b>	Southwest Medical University
<b>2021103572</b>	Nantong University	<b>2021103615</b>	Jiangxi Agricultural University
<b>2021103573</b>	Ahirwar, D.; Patil, R.N.; Jhade, D.; Ahirwar, B.; Chanday, A.; Mohit	<b>2021103616</b>	Clavijo Soto, J.D.; Clavijo Soto, J.C.
<b>2021103574</b>	Sichuan Huaneng Baoxinghe Hydropower Co., Ltd.	<b>2021103617</b>	Institute of Water Resources for Pastoral Area, MWR
<b>2021103575</b>	Kumar, V.; B. S., P.; Mishra, S.B.; Biswal, A.R.; Banerjee, D.; Kumar, V.D.; S. Ganiger, S.; Sakri, M.; Kumar, A.; Panda, R.C.	<b>2021103618</b>	Zhejiang provincial people's hospital
<b>2021103576</b>	Tomlinson, D.	<b>2021103619</b>	Lad, M.K.; Mane, M.; Mane, S.; Mhetre, M.
<b>2021103577</b>	Shandong Provincial No.6 Exploration Institute of Geology and Mineral Resources	<b>2021103620</b>	Pitt, K.
<b>2021103578</b>	Eswaraiah, R.; Tirumalasetty, S.; Gundabatini, S.G.; Putheti, S.; Kolluru, S.B.; Nallamala, S.H.; Pinnamaneni, S.P.; Janjanam, M.B.; Pujari, J.J.; Prasann, N.L.	<b>2021103621</b>	Usman, M.R.M.
<b>2021103579</b>	Shaoguan University; Shenzhen Xihan Health Co.,Ltd.; Guangdong Shichangsheng Cosmetics Manufacturing Co.,Ltd.; Fudan University	<b>2021103622</b>	Saidian, S.
<b>2021103580</b>	Southwest Medical University	<b>2021103623</b>	Good Water Energy Ltd
<b>2021103581</b>	Institute of Cereal and Oil Crops Hebei Academy of Agri. and Fore. Sci.; Guantao County Huayezhuangyuan Black Wheat Industry Co. Ltd	<b>2021103624</b>	Navukkarasan, A.; Kumar, M.P.; Sastry, C.C.
<b>2021103582</b>	Hudswell, C.	<b>2021103625</b>	Central South University; Chongqing Geomatics and Remote Sensing Center
<b>2021103583</b>	Tianjin University; CNPC Engineering Technology Research Company Limited	<b>2021103626</b>	Raaza, A.; .A.K, D.R.; .A, S.; Salil, F.N.; Sabith, F.; Manimaran, K.; Johnreo, R.; Suhas, K.N.S.; S, J.
<b>2021103584</b>	Shanghai Ocean University; NCL Environmental Protection Technology Co., Ltd	<b>2021103627</b>	Pride Mobility Australia Pty Ltd
<b>2021103585</b>	Norton, M.	<b>2021103628</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.
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<b>2021103587</b>	Li, Y.; Diao, J.	<b>2021103630</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>2021103588</b>	BRAVAT GLOBAL PTY LTD	<b>2021103631</b>	China Institute of Water Resources and Hydropower Research
<b>2021103589</b>	Guangdong University of Education	<b>2021103632</b>	Institute of Anima11 Husbanhy of Heilongjiang Academy of Agricultural Sciences
<b>2021103590</b>	Ningbo Polytechnic	<b>2021103633</b>	Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences
<b>2021103591</b>	Shandong University of Technology	<b>2021103634</b>	Wal, P.; Khunteta, A.; Pal, Y.; Swarnkar, S.; Singh, P.; Sachan, A.
<b>2021103592</b>	Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)	<b>2021103635</b>	Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences
<b>2021103593</b>	Xinjiang Agricultural University	<b>2021103636</b>	Institute of Animal Husbanhy of Heilongjiang Academy of Agricultural Sciences
<b>2021103594</b>	Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences	<b>2021103637</b>	Malviya, R.; Sundram, S.; Awasthi, R.; Mishra, S.; Jindal, S.; Srivastava, S.P.; Raj, K.; Kumar, V.; Singh, B.; Balusamy, B.; Dhanaraj, R.K.; Fuloria, N.K.
<b>2021103595</b>	Avakian, D.; CBD2U Concepts Pty Ltd	<b>2021103638</b>	M T, G.; K, C.; C, N.; YH, S.; B N, A.; P, R.; Gowda, V.
<b>2021103596</b>	Guangzhou Procept Biotech Co., Ltd.	<b>2021103639</b>	Swetapadma, A.; Chakrabarti, S.; Pattnaik, P.
<b>2021103597</b>	Pranveer Singh Institute of Technology Kanpur; Integral University Lucknow	<b>2021103640</b>	Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.
<b>2021103598</b>	Kaushik, J.; Kumar, A.; Goswami, P.	<b>2021103641</b>	Singh, H.; Sarkar, B.K.
<b>2021103599</b>	CYCLINGDEAL USA, INC.	<b>2021103642</b>	Prithvi, C.; Jahnavi, C.; Chintakindi, S.; Jyothi, C.
<b>2021103600</b>	Aligarh Muslim University, Aligarh, India	<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>2021103601</b>	Agarwal, A.; Chaturvedi, P.; Patel, R.G.; Sankar, B.B.; BHANAWAT, H.; Saxena, A.; Asthana, S.	<b>2021103644</b>	DEVICHINTA, N.; VELUGULA, M.K.; KATRENIPADU, S.P.; PUJARI, S.; RAJESH, D.; MALLELA, K.; SHARMA, K.K.; SURYA GOWTHAM, A.V.; KUMAR AMBEDKAR, B.R.; MALLELA, G.
<b>2021103602</b>	GRAPHIC ERA (DEEMED TO BE) UNIVERSITY	<b>2021103645</b>	Owen, S.; Owen, T.
<b>2021103603</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences	<b>2021103646</b>	Chawla, D.; Trivedi, M.; Somani, V.; Trivedi, A.
<b>2021103604</b>	Central South University	<b>2021103647</b>	Trivedi, M.; Goyal, N.; Somani, V.; Shukla, D.K.; Trivedi, S.
<b>2021103605</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences	<b>2021103648</b>	Al Dhuhoori, A.; Jasar, J.
<b>2021103606</b>	Acharya, B.; Panda, S.; Agrawal, A.P.; Choudhary, A.; Raj, G.		

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<b>2021103651</b>	KAVITHA, G.	<b>2021103668</b>	Qilu University of Technology
<b>2021103652</b>	Barik, R.C.; Nath Panda, S.; Nanda, A.; Padhan, S.	<b>2021103669</b>	Beijing Cosmos Safety Technology Co. Ltd
<b>2021103653</b>	Sharma, R.	<b>2021103670</b>	China University of Mining and Technology
<b>2021103654</b>	S., G.; P., S.K.; A., M.; S., N.; C., S.R.; E., P.; N., K.; J. S., S.M.; M., D.	<b>2021103671</b>	MyWork Australia Pty Ltd
<b>2021103655</b>	Scott Golf Designs	<b>2021103672</b>	Jiangxi Agricultural University
<b>2021103656</b>	Xuzhou University of Technology	<b>2021103673</b>	Du, T.; Zeng, J.
<b>2021103657</b>	Hollis, S.; Pickering, A.	<b>2021103674</b>	Ningxia Jindingtai Energy Saving Technology Co., Ltd.; Ding, H.
<b>2021103658</b>	SARKAR, V.; BISWAS, H.; SARKAR, M.; ROY, A.; VERMA, G.	<b>2021103675</b>	Travers, A.; Williams, K.
<b>2021103659</b>	Ailixon Pty Ltd	<b>2021103676</b>	Dalian University of Technology
<b>2021103660</b>	Ingale, P.; Jamadar, J.B.; Kaur, J.; THANGAMAYAN, S.; PREMALATHA, R.; Petare, P.; MURUGAN, V.; Shah, R.; Mahajan, T.; Pallathadka, H.; Shrivastava, A.; Kumar, T.R.	<b>2021103677</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Dalian Fugu Food Co., Ltd
<b>2021103661</b>	GNANASINGHAM, A.	<b>2021103678</b>	SAHU, N.; Bakariya, B.; Bisen, D.; Verma, J.S.; Dangi, D.; Dixit, D.K.; Sahu, S.K.; Choukiker, M.K.; Mishra, S.K.; Behera, C.
<b>2021103662</b>	Krelle, S.M.	<b>2021103679</b>	Malviya, R.
<b>2021103663</b>	Institute of Urban Environment, Chinese Academy of Sciences	<b>2021103680</b>	Meesaraganda, L.V.P.; Mazumder, E.; Joseph, A.
<b>2021103665</b>	Murdock, P.	<b>2021103681</b>	Katpatal, Y.B.; Shirkhedkar, S.S.
		<b>2021103682</b>	Snackon
		<b>2021103683</b>	Shenzhen KE RUI ER TE Electronics Technology Co., Ltd

**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:

**Code Meaning**

- 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

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 2014373772 ( 14 ) 2014373774 ( 14 ) 2014373778 ( 14 )  
 2014374464 ( 14 ) 2014374489 ( 14 ) 2014375075 ( 14 )  
 2014375222 ( 14 ) 2014375238 ( 14 ) 2014375247 ( 14 )  
 2014375263 ( 14 ) 2014375511 ( 14 ) 2014375512 ( 14 )  
 2014375513 ( 14 ) 2014376981 ( 14 ) 2014377770 ( 14 )  
 2014379485 ( 14 ) 2014384595 ( 14 ) 2014415553 ( 14 )  
 2014415557 ( 14 ) 2014415559 ( 14 ) 2014415569 ( 14 )  
 2014415571 ( 4C ) 2014415572 ( 14 ) 2014415573 ( 14 )  
 2014415575 ( 14 ) 2014415580 ( 14 ) 2014415581 ( 14 )  
 2014415583 ( 4C ) 2014415587 ( 14 ) 2014415591 ( 14 )  
 2014415593 ( 14 ) 2014415596 ( 14 ) 2014415605 ( 14 )  
 2014415617 ( 14 ) 2014415623 ( 14 ) 2014415625 ( 4C )  
 2014415627 ( 14 ) 2014415628 ( 14 ) 2014415641 ( 14 )  
 2014415645 ( 14 ) 2014415653 ( 4C ) 2014415659 ( 14 )  
 2014415735 ( 4C )

**2015**

2015100147 ( 22 ) 2015101954 ( 22E ) 2015204208 ( 14 )  
 2015217301 ( 5C ) 2015218421 ( 14 ) 2015227409 ( 5C )  
 2015237282 ( 14 ) 2015264266 ( 5C ) 2015282373 ( 14 )  
 2015301953 ( 25D ) 2015314708 ( 5C ) 2015327868 ( 5C )  
 2015328090 ( 5C ) 2015339137 ( 5C ) 2015365323 ( 25D )  
 2015372443 ( 5C ) 2015373164 ( 14 ) 2015373974 ( 4C )  
 2015374078 ( 14 ) 2015375548 ( 4C ) 2015375553 ( 14 )  
 2015383062 ( 14 ) 2015388682 ( 5C ) 2015392017 ( 14 )  
 2015396661 ( 14 ) 2015400257 ( 25D ) 2015401560 ( 5C )  
 2015403840 ( 14 ) 2015409129 ( 14 ) 2015413250 ( 5C )  
 2015415833 ( 14 ) 2015415834 ( 14 ) 2015416443 ( 14 )  
 2015418927 ( 4C )

**2016**

2016200008 ( 4C ) 2016200028 ( 14 ) 2016201542 ( 5C )  
 2016204733 ( 14 ) 2016205338 ( 4C ) 2016205616 ( 4C )  
 2016205840 ( 14 ) 2016205922 ( 4C ) 2016206478 ( 5C )  
 2016207070 ( 14 ) 2016208236 ( 14 ) 2016209145 ( 5C )  
 2016222366 ( 25D ) 2016226301 ( 25D ) 2016229839 ( 5C )  
 2016247433 ( 5C ) 2016252546 ( 5C ) 2016273873 ( 14 )  
 2016279144 ( 14 ) 2016291735 ( 25D ) 2016297248 ( 5C )  
 2016320637 ( 5C ) 2016334479 ( 5C ) 2016344294 ( 25D )  
 2016381015 ( 14 ) 2016381336 ( 4C ) 2016381980 ( 4C )  
 2016382384 ( 4C ) 2016382385 ( 4C ) 2016390056 ( 14 )  
 2016433829 ( 4C ) 2016434411 ( 4B ) 2016434445 ( 4A )  
 2016434577 ( 4A )

**2017**

2017101817 ( 22E ) 2017101821 ( 22E ) 2017200021 ( 4A )  
 2017200058 ( 14 ) 2017200823 ( 14 ) 2017202991 ( 14 )  
 2017204950 ( 4B ) 2017205156 ( 4C ) 2017205395 ( 14 )  
 2017205434 ( 4C ) 2017205435 ( 4D ) 2017205824 ( 14 )  
 2017206009 ( 14 ) 2017206919 ( 4B ) 2017207196 ( 4B )  
 2017207516 ( 4B ) 2017207875 ( 5C ) 2017208319 ( 1B )  
 2017210515 ( 1B ) 2017210518 ( 1B ) 2017210541 ( 1B )  
 2017222212 ( 25D ) 2017223365 ( 5C ) 2017227967 ( 25D )  
 2017235893 ( 1B ) 2017237000 ( 25D ) 2017258820 ( 14 )  
 2017258824 ( 14 ) 2017265010 ( 1B ) 2017276249 ( 14 )  
 2017295574 ( 4C ) 2017301907 ( 1B ) 2017302172 ( 1B )  
 2017302437 ( 1B ) 2017302676 ( 1B ) 2017303258 ( 1B )  
 2017303346 ( 1B ) 2017303447 ( 1B ) 2017303847 ( 1B )  
 2017303860 ( 1B ) 2017304158 ( 1B ) 2017304185 ( 1B )  
 2017304246 ( 1B ) 2017304477 ( 1B ) 2017304598 ( 1B )  
 2017304787 ( 1B ) 2017305600 ( 1B ) 2017305635 ( 1B )  
 2017306145 ( 1B ) 2017307163 ( 1B ) 2017307235 ( 1B )  
 2017376521 ( 5C ) 2017384992 ( 1B ) 2017385713 ( 1B )

2017385802 ( 1B ) 2017389458 ( 1B ) 2017416592 ( 1B )

**2018**

2018100001 ( 22E ) 2018201937 ( 1B ) 2018201963 ( 1B )  
 2018203300 ( 14 ) 2018203909 ( 1B ) 2018204099 ( 14 )  
 2018215650 ( 5C ) 2018215651 ( 5C ) 2018220260 ( 5C )  
 2018223401 ( 5C ) 2018247261 ( 14 ) 2018263110 ( 5C )  
 2018266177 ( 1B ) 2018266655 ( 1B ) 2018266867 ( 1B )  
 2018272172 ( 1B ) 2018275999 ( 1B ) 2018277268 ( 1B )  
 2018284728 ( 5C ) 2018289025 ( 5C ) 2018297667 ( 5C )  
 2018303872 ( 5C ) 2018317313 ( 25D ) 2018333967 ( 5C )  
 2018348138 ( 5C ) 2018363884 ( 12A ) 2018386004 ( 5C )

**2019**

2019100002 ( 22E ) 2019100003 ( 22E ) 2019100008 ( 22E )  
 2019100009 ( 22E ) 2019100155 ( 22 ) 2019200061 ( 4C )  
 2019200071 ( 5C ) 2019201726 ( 25D ) 2019202127 ( 4C )  
 2019202596 ( 4C ) 2019202865 ( 25D ) 2019202880 ( 5C )  
 2019202928 ( 5C ) 2019203834 ( 5C ) 2019204104 ( 5C )  
 2019204566 ( 5C ) 2019204654 ( 4C ) 2019204728 ( 5C )  
 2019204973 ( 5C ) 2019206015 ( 5C ) 2019206082 ( 5C )  
 2019208242 ( 25D ) 2019210507 ( 5C ) 2019213353 ( 5C )  
 2019216721 ( 4C ) 2019219718 ( 5C ) 2019222953 ( 5C )  
 2019226207 ( 5C ) 2019229404 ( 5C ) 2019232799 ( 5C )  
 2019246925 ( 4C ) 2019250274 ( 5C ) 2019257392 ( 5C )  
 2019268060 ( 5C ) 2019271948 ( 5C ) 2019284010 ( 4C )

**2020**

2020200360 ( 25D ) 2020201550 ( 5C ) 2020202930 ( 5C )  
 2020202986 ( 5C ) 2020203754 ( 5C ) 2020220195 ( 4C )  
 2020902487 ( 12AN ) 2020902489 ( 12AN ) 2020902515 ( 12AN )  
 2020902559 ( 12N ) 2020902626 ( 12N ) 2020902628 ( 12N )  
 2020902970 ( 12N )

**2021**

2021102092 ( 18AN ) 2021102144 ( 18AN ) 2021102186 ( 18AN )  
 2021201401 ( 1BN ) 2021202286 ( 1B ) 2021202315 ( 1B )  
 2021202331 ( 1B ) 2021202335 ( 1B ) 2021202387 ( 1B )  
 2021202428 ( 1B ) 2021202437 ( 1B ) 2021205012 ( 12N )  
 2021902131 ( 12N )

**Assignments before Grant, Section 113**

**2007**

2007334747 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

**2015**

2015261543 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

2015348344 IVC N.V. The application has been assigned to **Flooring Industries Limited, SARL**

**2016**

2016203471 Bond Manufacturing Company The application has been assigned to **GHP Group, Inc.**

2016257150 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

2016322079 IVC, BVBA The application has been assigned to **Flooring Industries Limited, SARL**

2016371425 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

**Assignments before Grant, Section 113****2017**

2017248480 ATTLC HOLDINGS PTY LTD The application has been assigned to **Lumberjack Holdings Pty Ltd**

2017250017 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

2017260580 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

2017267945 OPW-Engineered Systems, Inc. The application has been assigned to **Knappco, LLC**

2017276311 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

2017330571 GumGum, Inc. The application has been assigned to **GumGum Sports Inc.**

2017368918 Unilin, BVBA The application has been assigned to **Flooring Industries Limited, SARL**

2017377661 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

**2018**

2018238420 Unilin, BVBA The application has been assigned to **Flooring Industries Limited, SARL**

2018249496 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2018264765 Plasser & Theurer Export von Bahnbaumaschinen GmbH The application has been assigned to **Track Machines Connected Gesellschaft m.b.H.**

2018322024 Breach Clarity, Inc. The application has been assigned to **Sontiq, Inc.**

2018323049 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

2018363532 Plasser & Theurer Export Von Bahnbaumaschinen GmbH The application has been assigned to **Track Machines Connected Gesellschaft m.b.H.**

2018364988 Ofinno, LLC The application has been assigned to **Beijing Xiaomi Mobile Software Co., Ltd.**

**2019**

2019200209 EVERETT, Tim; SEDDON, Jon The application has been assigned to **EVERETT, Tim**

2019200210 EVERETT, Tim; SEDDON, Jon The application has been assigned to **EVERETT, Tim**

**Assignments before Grant, Section 113**

2019204371 Orban, Tihamer; Jalahej, Heyam; Daubeney, Piers; Daubeney, Nara The application has been assigned to **Phaim Pharma Ltd**

2019222026 Shanghai Blueray Biopharma Co., Ltd. The application has been assigned to **Blueray Therapeutics (Shanghai) Co., Ltd**

2019246759 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

2019249112 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019281327 IVC BV The application has been assigned to **Flooring Industries Limited, SARL**

2019281328 IVC BV The application has been assigned to **Flooring Industries Limited, SARL**

2019308822 Johnson & Johnson Vision Care, Inc. The application has been assigned to **Johnson & Johnson Surgical Vision, Inc.**

2019311846 Johnson & Johnson Vision Care, Inc. The application has been assigned to **Johnson & Johnson Surgical Vision, Inc.**

2019311849 Johnson & Johnson Vision Care, Inc. The application has been assigned to **Johnson & Johnson Surgical Vision, Inc.**

2019316645 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019335592 Landmoney Holdings Pty Limited; Bowden, Maxton James The application has been assigned to **LANDMONEY GROUP LIMITED**

2019362925 Benitec Biopharma Limited The application has been assigned to **Benitec IP Holdings Inc.**

2019384549 Oncodisc, Inc. The application has been assigned to **Veris Health Inc.**

2019384794 Oncodisc, Inc. The application has been assigned to **Veris Health Inc.**

2019385473 Oncodisc, Inc. The application has been assigned to **Veris Health Inc.**

2019392204 The University of Tulsa The application has been assigned to **Exaeris Water Innovations, LLC**

2019412710 Leibniz-Institut für Katalyse e.V.; CreativeQuantum GmbH The application has been assigned to **CreativeQuantum GmbH**

**2020**

2020202026 The University Court of The University of Aberdeen The application has been assigned to **Elasmogen Limited**

**Assignments before Grant, Section 113**

2020202077 Haixing County Xinyuan Chemical Co., Ltd; Chongbo, Zhou The application has been assigned to **Chongbo, Zhou**

2020202078 Haixing County Xinyuan Chemical Co., Ltd The application has been assigned to **Chongbo, Zhou**

2020270557 BTL Medical Technologies s.r.o. The application has been assigned to **BTL Healthcare Technologies a.s.**

2020902230 ADFIXUS PTE LTD The application has been assigned to **ADFIXUS PTY LTD**

2020902446 MacDonald, Duncan Charles; Thomson, Duncan Scott; Thomson, Scott The application has been assigned to **CoalBed Innovations Pty Limited**

2020903359 MacDonald, Duncan; Thomson, Scott; Thomson, Duncan The application has been assigned to **CoalBed Innovations Pty Limited**

2020903656 ADFIXUS PTE LTD The application has been assigned to **ADFIXUS PTY LTD**

**2021**

2021202724 VARTA Microbattery GmbH The application has been assigned to **VARTA Consumer Batteries GmbH & Co KGaA**

**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.

**2010**

2010314809 **Asset Institute** An application to extend the time from 03 Nov 2020 to 03 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2014**

2014100769 **Macau University of Science and Technology** An application to extend the time from 04 Jul 2019 to 04 Jun 2021 in which to pay a renewal fee has been filed . Address for service - BRM Patent Attorneys Pty Ltd Level 14 333 Collins Street Melbourne VIC 3000 AU

2014101378 **Macau University of Science and Technology** An application to extend the time from 18 Nov 2019 to 18 May 2021 in which to pay a renewal fee has been filed . Address for service - CreateIP PO Box 21445 Edgware Christchurch 8143 NZ

**2015**

2015101749 **Macau University of Science and Technology** An application to extend the time from 03 Dec 2020 to 03 Jul 2021 in which to pay a renewal fee has been filed . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

**Extensions of Time, Section 223**

**2016**

2016257142 **360 Pop Up Gym Pty Ltd** An application to extend the time from 03 Nov 2020 to 03 Jun 2021 in which to pay a renewal fee has been filed . Address for service - 360 POP UP GYM PTY LTD 1 Marloo Ct Buddina QLD 4575 AU

**2020**

2020207833 **Aglive International Pty Ltd** An application to extend the time from 21 Dec 2020 to 21 Jul 2021 in which to pay a continuation fee has been filed . Address for service - Wallington-Dummer SE 1005, 37 Bligh St Sydney NSW 2000 AU

**2021**

2021204373 **Weber, P.** An application to extend the time from 02 Oct 2020 to 02 Jul 2021 in which to make a further application for a divisional patent has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**Applications Allowed - Section 223(2)**

**2011**

2011226976 **DMS Composites Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Apr 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**2016**

2016253657 **Pargoe, B.** The time in which to request examination has been extended to 15 Apr 2021 . Address for service - BRM Patent Attorneys Pty Ltd Level 14 333 Collins Street Melbourne VIC 3000 AU

**2017**

2017299175 **F-STAR BETA LIMITED** The time in which to request examination has been extended to 28 Jul 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2018**

2018201241 **AADIGEN, LLC** The time in which to pay a renewal fee has been extended to 14 Apr 2021 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2018369341 **Baker Hughes Holdings LLC** The time in which to gain acceptance has been extended to 03 Aug 2021 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

**2019**

2019201262 **Island Block & Paving Pty Ltd** Extension of Time to File Statement of Grounds and Particulars 28 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2020**

2020104050 **Lovely Professional University** The time in which to comply with a direction under Reg 3.2B has been extended to 19 May 2021 . Address for service - IP NATION Kedar Sane 4 Villatella Gardens, Piara Waters Piara Waters WA 6112 AU



**Extensions of Time, Section 223**

**2021**

2021201774 **Light Field Lab, Inc.** The time in which to comply with a direction under Reg 3.2A has been extended to 07 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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.

**2015**

2015258169 DOOR CLOSER **Total Hardware Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Hsu, Kuang-Sheng . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

**2016**

2016201557 Device for separating stalks of fruits grouped in bunches and method for separating stalks of fruits grouped in bunches **RODA IBÉRICA, S.L.** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2016201646 A LOCK ASSEMBLY FOR USE WITH A LATCH ASSEMBLY **ASSA ABLOY Australia Pty Limited** The nature of the amendment is: Add inventors Sepahvand, Mehdi and Ray, Simon Connolly . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016289480 Multispecific antigen-binding molecules and uses thereof **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2017**

2017377672 Estimation of spatial profile of environment **Baraja Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 May 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2018**

2018243067 Intelligent module pipeline, intelligent module helical pipeline winding machine and winding method therefor **Li, L.** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018317258 Corrugated plate for container and container having same **Nantong CIMC-Special Transportation Equipment Manufacture Co., Ltd. ; China International Marine Containers (Group) Ltd. ; CIMC Containers Holding Company Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2021 . Address

**Amendments**

for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2018371137 Method for treating high-protein grains with a view to improving the use thereof as food **Valorex** The nature of the amendment is as shown in the statement(s) filed 25 Jun 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2018413673 Multiway switch, radio frequency system, and wireless communication device **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement(s) filed 01 Jul 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

**2019**

2019236614 COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN **Antecip Bioventures II LLC** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2021 . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

2019287350 Proximal monitoring device **Safran Electronics & Defense** The nature of the amendment is as shown in the statement(s) filed 29 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2020**

2020104129 Improved twist lock/latch **UES (Int'l) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Bao, John . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

**Amendments Made**

**2012**

2012211497 **Novartis AG** The nature of the amendment is as shown in the statements filed 08 May 2020, 25 Jan 2021 and 14 Apr 2021

2012214531 **MedImmune, LLC** The nature of the amendment is as shown in the statement filed 23 Mar 2021

**2015**

2015336086 **Envirologix Inc.** The nature of the amendment is as shown in the statement filed 25 Mar 2021

**2016**

2016206270 **D & S Stott Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2016102471

2016331159 **Epiroc Rock Drills Aktiebolag** The nature of the amendment is as shown in the statement filed 09 Apr 2021

2016398721 **KYOSAN ELECTRIC MFG. CO., LTD.** The nature of the amendment is: Amend the invention title to read Gap filler

**Amendments**

**2017**

2017225161 **The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statements filed 24 Mar 2021 and 07 Apr 2021

2017283136 **F. Hoffmann-La Roche AG** The nature of the amendment is as shown in the statement filed 14 Apr 2021

2017383347 **Ondilo** The nature of the amendment is as shown in the statement filed 08 Jul 2021

**2018**

2018101203 **Mine Site Technologies Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read SNELL, Christopher John

2018313441 **Daikin Industries, Ltd.** The nature of the amendment is as shown in the statement filed 30 Mar 2021

**2019**

2019209409 **Galaxy Therapeutics Inc.** The nature of the amendment is: Amend the name of the inventor to read BADRUDDIN, Aamir; PEREIRA, Edgard Luiz Ramos; WOLFE, Thomas J. and ZAI DAT, Osama O

2019319628 **Vilmorin & Cie** The nature of the amendment is: Amend the name of the inventors to read LEVIEIL, Rémi; DAVID, Perrine; MARANDEL, Grégoire and TRAMELEUC, Anaïs

2019321069 **Binding Solutions Ltd** The nature of the amendment is: Amend the name of the inventor to read JOYCE, Richard

2019356037 **Goli Nutrition Inc.** The nature of the amendment is: Amend the name of the inventors to read HOFFMAN, Sharon; BITENSKY, Michael; KORNER-BITENSKY, Nicol; DAHM, Olivia Joan and AGARWAL, Deepak

2019356414 **Academisch Ziekenhuis Leiden (H.O.D.N. LUMC)** The nature of the amendment is: Amend the name of the inventor to read HEEMSKERK, Mirjam H.M. and FALKENBURG, J.H. Frederik

2019388011 **Kyoto University; Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement filed 25 Jun 2021

2019410233 **Airbus Defence and Space SAS** The nature of the amendment is: Amend the invention title to read Network equipment with inter-network policy-based routing function

2019414460 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS

2019418841 **Jiangmen Bonanza Metalware Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101811

**Amendments**

2019419130 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read CHROMA BLOCK PREDICTION METHOD AND APPARATUS

2019421319 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PRECODING VECTOR INDICATING AND DETERMINING METHOD AND COMMUNICATIONS APPARATUS

2019424568 **Nordischer Maschinenbau Rud. Baader GmbH + Co. KG** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR INCREASING THE PROPORTION OF MEAT USED IN FISH, POULTRY OR OTHER MEAT PRODUCTS

2019430531 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning apparatus

**2020**

2020205368 **Chengdu Kanghong Pharmaceutical Co Ltd** The nature of the amendment is: Amend the invention title to read Steroid compounds, uses and process for preparation therefor

2020223770 **OLM, C.** The nature of the amendment is: Application is to proceed under the number 2020104440

2020903389 **ZETCO VALVES PTY LTD** The nature of the amendment is: To amend the applicant to ZETCO VALVES PTY LTD

**2021**

2021102061 **Taiyuan University of Technology; Shanxi ecological environment protection service center** The nature of the amendment is: Amend the name of the inventor to read Zhang, Yongbo; Guo, Lina; Guang, Xiping and Shi, Hong

2021102892 **China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Construction and Installation Engineering Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR SPRINKLING WATER TO REDUCE DUST AND FIREFIGHTING BY SCAFFOLD IN HIGH-RISE BUILDING CONSTRUCTION

2021103509 **NAVAL AVIATION UNIVERSITY** The nature of the amendment is: To remove co-applicant Griffith Hack

2021203444 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Cleaner

2021204452 **Atlanta Stretch S.p.A.** The nature of the amendment is: To amend the applicant to read Atlanta Stretch S.p.A.

2021901802 **Rio Tinto Alcan International Limited** The nature of the amendment is: To amend the applicant to read Rio Tinto Alcan International Limited

**Alteration of Name(s) of Applicant(s)/Patentee(s)**

**2008**

2008346270 IMI Cornelius (UK) Limited The name of the patentee has been altered to **Marmon Foodservice Technologies UK Limited**

**Amendments****2009**

2009226025 Cagent Vascular, LLC The name of the patentee has been altered to **Cagent Vascular, Inc.**

**2010**

2010207494 Kaldi Pharma, SAS The name of the patentee has been altered to **Domain Therapeutics of BIOPARC**

2010298264 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**2011**

2011378675 IGEM Therapeutics Limited The name of the patentee has been altered to **Epsilon Ltd**

**2012**

2012281078 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**2015**

2015271749 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2015398984 UCB Biopharma SPRL The name of the applicant has been altered to **UCB Biopharma SRL**

**2016**

2016201363 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2016270934 Jand, Inc. The name of the patentee has been altered to **Warby Parker Inc.**

2016306656 Jand, Inc. The name of the patentee has been altered to **Warby Parker Inc.**

2016371880 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016402670 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

**2017**

2017210585 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2017235150 Assa AB The name of the applicant has been altered to **ASSA ABLOY Opening Solutions Sweden AB**

2017261611 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2017261620 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2017277600 UCB Biopharma SPRL The name of the applicant has been altered to **UCB Biopharma SRL**

**Amendments**

2017331808 R F Industries Pty Limited The name of the applicant has been altered to **Mine Site Technologies Pty Ltd**

2017361646 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2017361647 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2017383475 Guangdong Qizhi Biotechnology Co., Ltd The name of the applicant has been altered to **Guangdong Recyclean Low-Carbon Technology Co., LTD.**

2017386775 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

**2018**

2018101203 R F Industries Pty Limited The name of the patentee has been altered to **Mine Site Technologies Pty Ltd**

2018200886 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2018201238 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018202285 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018218398 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018225928 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018255232 915 Labs, LLC The name of the applicant has been altered to **915 Labs, Inc.**

**2019**

2019100680 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019200486 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019203786 Jand, Inc. The name of the applicant has been altered to **Warby Parker Inc.**

2019360254 Jand, Inc. The name of the applicant has been altered to **Warby Parker Inc.**

2019384154 Avida Biomed, Inc.; Heng Wang The name of the applicant has been altered to **Avida Biomed, Inc.**

2019419376 Jand, Inc. The name of the applicant has been altered to **Warby Parker Inc.**

**Amendments**

**2020**

2020103817 Courtney Colour Graphics (Vic) Pty Ltd The name of the patentee has been altered to **COURTNEY BRANDS PTY LTD**

2020200872 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201016 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020213356 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020260553 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

**2021**

2021102950 Huazhong University of Science and Technology; Yinlong New Energy Incorporated Company; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute; Jiangsu Paineng Energy Technology Co., Ltd. The name of the applicant has been altered to **Huazhong University of Science and Technology; Yinlong Energy Co., Ltd.; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute; Jiangsu Pylon Technologies Co., Ltd.**

2021103487 GARIMELLA, RAGHU ; VEDALA, RAMA The name of the applicant has been altered to **GARIMELLA, R.C.; VEDALA, R.S.**

2021103488 GARIMELLA, RAGHU The name of the applicant has been altered to **GARIMELLA, R.C.**

2021103489 GARIMELLA, RAGHU ; MADETI, SIVA The name of the applicant has been altered to **GARIMELLA, R.C.; MADETI, S.R.**

2021200045 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202002 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202290 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202291 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202355 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202629 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202805 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202868 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

**Amendments**

2021204167 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021204360 Globe (Jaingsu) Co., Ltd. The name of the applicant has been altered to **Globe (Jiangsu) Co., Ltd.**

2021204660 Yoo's Biopharm Inc. The name of the applicant has been altered to **AMICOGEN PHARMA INC.**

Applications Open to Public Inspection

Name Index

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

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(71) 4D Pharma Research Limited  
 (11) AU-A-2021204486  
 (21) 2021204486 (22) 29.06.2021  
 (54) Compositions comprising bacterial strains  
 (51) Int. Cl.  
*A61K 35/74* ( 2015.01 )  
*A61K 35/745* ( 2015.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2020244599  
 (72) Grant, George; Patterson, Angela Margaret; Mulder, Imke; McCluskey, Sean-in; Raftis, Emma  
 (74) FB Rice Pty Ltd

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(71) Abiomed, Inc.  
 (11) AU-A-2021204533  
 (21) 2021204533 (22) 30.06.2021  
 (54) Dual lumen sheath for arterial access  
 (51) Int. Cl.  
*A61M 60/135* ( 2021.01 )  
*A61M 25/01* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016308193  
 (72) Corbett, Scott C.; Fantuzzi, Glen Robert; Murphy, John; Kirchoff, Frank; Brousseau, David; Siess, Thorsten  
 (74) Davies Collison Cave Pty Ltd

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(71) Activator Methods International, Ltd.  
 (11) AU-A-2021204657  
 (21) 2021204657 (22) 02.07.2021  
 (54) CHIROPRACTIC ADJUSTING INSTRUMENT SYSTEM AND METHOD  
 (51) Int. Cl.  
*A61H 1/00* ( 2006.01 )  
*A61H 23/00* ( 2006.01 )  
*A61H 23/02* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2018333967  
 (72) Fuhr, Arlan W.  
 (74) Phillips Ormonde Fitzpatrick

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(71) AgeneBio, Inc.  
 (11) AU-A-2021204465  
 (21) 2021204465 (22) 29.06.2021  
 (54) Extended release pharmaceutical compositions of levetiracetam  
 (51) Int. Cl.  
*A61K 9/20* ( 2006.01 )  
*A61K 31/4015* ( 2006.01 )

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(43) 29.07.2021  
 (62) 2016268096  
 (72) Gallagher, Michela; Rosenzweig-Lipson, Sharon; Melsopp, Elsie; James, Jack Lawrence; Payie, Ken  
 (74) Spruson & Ferguson

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(71) Albert Einstein College of Medicine, Inc.  
 (11) AU-A-2021204594  
 (21) 2021204594 (22) 01.07.2021  
 (54) Syntac polypeptides and uses thereof  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61K 39/38* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019203442  
 (72) Seidel III, Ronald D.; Chaparro, Rodolfo J.; Hillerich, Brandon S.; Garforth, Scott J.; Almo, Steven C.  
 (74) FB Rice Pty Ltd

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(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2021204655  
 (21) 2021204655 (22) 02.07.2021  
 (54) Complement component iRNA compositions and methods of use thereof  
 (51) Int. Cl.  
*A61K 31/712* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 37/06* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
*A61K 31/713* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2014362262  
 (72) BORODOVSKY, Anna; BETTEN-COURT, Brian  
 (74) Griffith Hack

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(71) AMORPHICAL LTD.  
 (11) AU-A-2021204073  
 (21) 2021204073 (22) 18.06.2021  
 (54) AMORPHOUS CALCIUM CARBONATE STABILIZED WITH POLYPHOSPHATES OR BISPHOSPHONATES  
 (51) Int. Cl.  
*A61K 33/10* ( 2006.01 )  
*A61K 31/66* ( 2006.01 )  
*A61K 33/42* ( 2006.01 )  
*A61P 3/14* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016273058  
 (72) Ben, Yosef; Blum, Yigal Dov; Moshe, Hagay; Ashkenazi, Ben  
 (74) Pipers Intellectual Property

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(71) AMTAC PROFESSIONAL SERVICES PTY LTD  
 (11) AU-A-2021204519  
 (21) 2021204519 (22) 30.06.2021  
 (54) METHOD AND SYSTEM FOR LOGGING AND LOCATING FIELD ASSETS  
 (51) Int. Cl.  
*G06F 17/40* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016201542  
 (72) Draper, Roderick Alexander  
 (74) Michael Buck IP

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(71) Anhui University of Science and Technology  
 (11) AU-A-2020220120  
 (21) 2020220120 (22) 19.08.2020  
 (54) ANCHORING ROBOT APPLICABLE TO COMPLICATED WORK CONDITIONS OF FULLY MECHANIZED EXCAVATION WORKING FACE  
 (51) Int. Cl.  
*E21D 20/00* ( 2006.01 )  
*B63B 21/00* ( 2006.01 )  
*E21B 7/02* ( 2006.01 )  
*E21D 21/00* ( 2006.01 )  
 (31) 202010040881.5 (32) 13.01.20 (33) CN  
 (43) 29.07.2021  
 (72) Guo, Yongcun; Su, Guoyong; Deng, Haishun; Wang, Shuang; Hu, Kun; Ma, Tianbing  
 (74) Madderns Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2021204454  
 (21) 2021204454 (22) 29.06.2021  
 (54) Methods and interfaces for home media control  
 (51) Int. Cl.  
*H04L 29/02* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2021203669  
 (72) COFFMAN, Patrick L.; AL-BUQUERQUE, Fernando; CAR-RIGAN, Taylor G.; CIELAK, Matthew J.; FAMILY, Afrooz; GRAHAM, David Chance; IRANI, Cyrus Daniel; VERWEIJ, Hugo; ANDERSON, Molly; HULBERT, Thomas S.; KERR, Duncan; MARI, Pedro; PIERCY, Aimee  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2021204526  
 (21) 2021204526 (22) 30.06.2021  
 (54) Spatial management of audio  
 (51) Int. Cl.  
*G06F 3/16* ( 2006.01 )  
*G06F 3/0481* ( 2013.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 29.07.2021  
 (62) 2019350584  
 (72) WOOD, Stuart John; JOHNSON, Martin E.; SATONGAR, Darius A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2021204661  
 (21) 2021204661 (22) 02.07.2021  
 (54) Sample adaptive offset control  
 (51) Int. Cl.  
*H04N 19/186* ( 2014.01 )  
*H04N 19/44* ( 2014.01 )  
*H04N 19/463* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
*H04N 19/82* ( 2014.01 )  
*H04N 19/86* ( 2014.01 )

(43) 29.07.2021  
 (62) 2020201584  
 (72) TOURAPIS, Alexandros  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2021204695  
 (21) 2021204695 (22) 05.07.2021  
 (54) Intelligent digital assistant in a multi-tasking environment  
 (51) Int. Cl.  
*G06F 3/16* ( 2006.01 )

(43) 29.07.2021  
 (62) 2020201030  
 (72) KUDURSHIAN, Aram D.; JONES, Bronwyn; CRANFILL, Elizabeth Caroline; SADDLER, Harry J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2021200115  
 (21) 2021200115 (22) 10.01.2021  
 (54) RENDERING PIPELINE FOR ELECTRONIC GAMES  
 (51) Int. Cl.  
*A63F 13/35* ( 2014.01 )  
*G06T 1/20* ( 2006.01 )  
*G06T 11/00* ( 2006.01 )  
*G07F 17/32* ( 2006.01 )

(31) 62/959,407 (32) 10.01.20 (33) US 63/090,661 12.10.20 US  
 (43) 29.07.2021  
 (72) BROWN, Jody; BIBBO, Joseph  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2021204641  
 (21) 2021204641 (22) 01.07.2021  
 (54) Gaming machine and gaming process including further game symbols  
 (51) Int. Cl.  
*A63F 13/10* ( 2006.01 )

(43) 29.07.2021  
 (62) 2019203011  
 (72) NGUYEN, Hung Ngoc  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2021204702  
 (21) 2021204702 (22) 05.07.2021  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER  
 (51) Int. Cl.  
*A63F 9/24* ( 2006.01 )

(43) 29.07.2021  
 (62) 2019250274  
 (72) BRAMBLE, Paul Francis Jason  
 (74) Griffith Hack

(71) Aruze Gaming America, Inc.  
 (11) AU-A-2021204552  
 (21) 2021204552 (22) 30.06.2021  
 (54) Hybrid casino dice game  
 (51) Int. Cl.  
*A63F 3/00* ( 2006.01 )  
*A63F 9/04* ( 2006.01 )  
*G07F 17/32* ( 2006.01 )

(43) 29.07.2021  
 (62) 2018260722  
 (72) Persson, Eric; Enokido, Kenji; Munakata, Hiroki; Huang, Aaron; Nakamura, Motoya; Hamao, Kenji  
 (74) Spruson & Ferguson

(71) AXENS  
 (11) AU-A-2021200151  
 (21) 2021200151 (22) 12.01.2021  
 (54) Process for extracting gasoline from a gas containing condensable hydrocarbons  
 (51) Int. Cl.  
*C07C 7/00* ( 2006.01 )  
*C10G 5/06* ( 2006.01 )  
*C10L 3/06* ( 2006.01 )  
*C10L 3/10* ( 2006.01 )

(31) 20/00.325 (32) 14.01.20 (33) FR  
 (43) 29.07.2021  
 (72) LANFREY, Pierre-Yves  
 (74) Griffith Hack

(71) BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation  
 (11) AU-A-2021204330  
 (21) 2021204330 (22) 25.06.2021  
 (54) Materials and methods for PUFA production, and PUFA-containing compositions  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )

(43) 29.07.2021  
 (62) 2015344993  
 (72) Senger, Toralf; Marty, Laurent; Kunze, Irene; Haertel, Heiko A.; Bremmer, Steven; Breazeale, Steven; Bauer, Jörg; Vrinten, Patricia; Stymne, Sten; Lindberg Yilmaz, Jenny; McElver, John; Rein, Dietrich; Andre, Carl  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2021204538  
 (21) 2021204538 (22) 30.06.2021

(54) Protein hydrolysates as emulsifier for baked goods  
 (51) Int. Cl.  
*A23J 3/34* ( 2006.01 )  
*A21D 2/26* ( 2006.01 )  
*A23L 33/18* ( 2016.01 )

(43) 29.07.2021  
 (62) 2018356571  
 (72) HELGASON, Thrandur; HIETSCH, Dieter; HORLACHER, Peter; KUTSCHER, Jochen; MARZ, Selina  
 (74) Griffith Hack

(71) Becton, Dickinson and Company  
 (11) AU-A-2021204458  
 (21) 2021204458 (22) 29.06.2021  
 (54) End-of-dose detection for drug delivery system  
 (51) Int. Cl.  
*A61M 5/20* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
*A61M 5/315* ( 2006.01 )

(43) 29.07.2021  
 (62) 2018352202  
 (72) Booth, David E.; Quinn, Michael Vincent  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-A-2021204460  
 (21) 2021204460 (22) 29.06.2021  
 (54) Port interface for drug delivery device  
 (51) Int. Cl.  
*A61M 5/142* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )  
*A61M 5/158* ( 2006.01 )  
*A61M 5/42* ( 2006.01 )  
*A61M 39/02* ( 2006.01 )

(43) 29.07.2021  
 (62) 2019205203  
 (72) Rabolli, Christina  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-A-2021204624  
 (21) 2021204624 (22) 01.07.2021  
 (54) System and method for preparing a pharmaceutical compound  
 (51) Int. Cl.  
*G01G 21/28* ( 2006.01 )  
*G01G 19/00* ( 2006.01 )  
*A61K 9/14* ( 2006.01 )

(43) 29.07.2021  
 (62) 2020202229  
 (72) Sandmann, Christian; Thomas, Matt; Murray, Chris; Hanke, Christian; Hoerner, Helmut; Tannen, Robert; Turpault, Mathieu; Witt, Erik Kurt  
 (74) FB Rice Pty Ltd

(71) Berkeley Lights, Inc.  
 (11) AU-A-2021204437  
 (21) 2021204437 (22) 29.06.2021  
 (54) Systems for operating electrokinetic devices  
 (51) Int. Cl.  
*B01L 3/00* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- B01L 9/00** ( 2006.01 )  
**G02B 19/00** ( 2006.01 )  
**G02B 21/08** ( 2006.01 )  
**G02B 27/09** ( 2006.01 )  
**G02B 27/10** ( 2006.01 )  
**G02B 27/14** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015360611  
**(72)** McFarland, Andrew W.; Malleo, Daniele; Nevill, J. Tanner; Newstrom, Russell A.; Breinlinger, Keith J.; Lundquist, Paul M.; Valley, Justin K.; Hubbard, Jonathan Cloud Dragon  
**(74)** FB Rice Pty Ltd
- 
- Bioriginal Food & Science Corporation see BASF Plant Science Company GmbH**  
**(21)** 2021204330
- 
- (71)** BISSELL Inc.  
**(11)** AU-A-2021200119  
**(21)** 2021200119 **(22)** 11.01.2021  
**(54)** Autonomous floor cleaner and method for autonomous floor cleaning  
**(51)** Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**(31)** 62/959,259 **(32)** 10.01.20 **(33)** US  
**(43)** 29.07.2021  
**(72)** VANKAMPEN, David; COUCH, Sherman Rolf; THOMAS, Jared  
**(74)** Griffith Hack
- 
- (71)** Blue Ribbon Bags, LLC  
**(11)** AU-A-2021204459  
**(21)** 2021204459 **(22)** 29.06.2021  
**(54)** System for remuneration for lost baggage  
**(51)** Int. Cl.  
**G06Q 40/08** ( 2012.01 )  
**(43)** 29.07.2021  
**(62)** 2019232920  
**(72)** LEVINE, Daniel; MENKIN, Gabriel; YAHALOM, Don  
**(74)** Spruson & Ferguson
- 
- (71)** Board of Regents, The University of Texas System  
**(11)** AU-A-2021204534  
**(21)** 2021204534 **(22)** 30.06.2021  
**(54)** T-CELL RECEPTOR (TCR)-BINDING ANTIBODIES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2016323153  
**(72)** Cooper, Laurence J. N.; Jena, Bipulendu  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Boehringer Ingelheim Animal Health USA Inc.  
**(11)** AU-A-2021204688  
**(21)** 2021204688 **(22)** 05.07.2021

- (54)** Parasitocidal compositions comprising an isoxazoline active agent, methods and uses thereof  
**(51)** Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019203419  
**(72)** SOLL, Mark D.; ROSENTEL, Joseph K.; PATE, James; SHUB, Natalya; TEJWANI-MOTWANI, Monica; BELANSKY, Carol  
**(74)** FB Rice Pty Ltd
- 
- (71)** BOLLES, D.J.  
**(11)** AU-A-2021204514  
**(21)** 2021204514 **(22)** 30.06.2021  
**(54)** Theft-Resistant Deposit Box  
**(51)** Int. Cl.  
**A47G 29/124** ( 2006.01 )  
**A47G 29/22** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2020203754  
**(72)** BOLLES, David J.  
**(74)** Wallington-Dummer
- 
- (71)** Boyle, N.  
**(11)** AU-A-2021204513  
**(21)** 2021204513 **(22)** 30.06.2021  
**(54)** APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING  
**(51)** Int. Cl.  
**B65F 1/16** ( 2006.01 )  
**A23K 10/26** ( 2016.01 )  
**A23K 10/37** ( 2016.01 )  
**B09B 5/00** ( 2006.01 )  
**B65D 43/16** ( 2006.01 )  
**B65D 51/18** ( 2006.01 )  
**B65F 3/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2020202930  
**(72)** Boyle, Norman  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** Breville Pty Limited  
**(11)** AU-A-2021204502  
**(21)** 2021204502 **(22)** 30.06.2021  
**(54)** Sous vide device  
**(51)** Int. Cl.  
**A47J 36/24** ( 2006.01 )  
**H05B 1/02** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2018328745  
**(72)** Upston, Gregory; Rose, Vyvyan; Foxlee, Brendan  
**(74)** Spruson & Ferguson
- 
- (71)** Brian Investments Pty Ltd  
**(11)** AU-A-2020286180  
**(21)** 2020286180 **(22)** 07.12.2020  
**(54)** A DUAL THREAD FASTENER ASSEMBLY  
**(51)** Int. Cl.  
**F16B 5/02** ( 2006.01 )

- F16B 35/04** ( 2006.01 )  
**F16B 35/06** ( 2006.01 )  
**(31)** 2020900090 **(32)** 13.01.20 **(33)** AU  
**(43)** 29.07.2021  
**(72)** DAVIES, Brian  
**(74)** Griffith Hack
- 
- (71)** CareDx, Inc.  
**(11)** AU-A-2021204489  
**(21)** 2021204489 **(22)** 29.06.2021  
**(54)** Methods of monitoring immunosuppressive therapies in a transplant recipient  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C07H 21/04** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015229083  
**(72)** Woodward, Robert; Grskovic, Marica; Yee, Jim; Nelles, Mitch; Hiller, David  
**(74)** Spruson & Ferguson
- 
- (71)** Cartiva, Inc.  
**(11)** AU-A-2021204444  
**(21)** 2021204444 **(22)** 29.06.2021  
**(54)** Hydrogel implants with porous materials and methods  
**(51)** Int. Cl.  
**A61F 2/02** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
**A61L 27/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2020207814  
**(72)** Patrick, Timothy J.; Ramey, Carrieth B.; Tudor, Letitia; Axelrod, Michael A.  
**(74)** FB Rice Pty Ltd
- 
- (71)** CDRD Ventures Inc.  
**(11)** AU-A-2021204347  
**(21)** 2021204347 **(22)** 25.06.2021  
**(54)** Somatostatin receptor antagonist compounds and methods of using the same  
**(51)** Int. Cl.  
**C07K 7/06** ( 2006.01 )  
**A61K 38/08** ( 2019.01 )  
**A61P 3/08** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017217271  
**(72)** Arns, Stephen Paul; Jaquith, James Brian; Baudalet, Davy Jérémy; Simonson, Eric Roy; Liggins, Richard Tom; Kumar, Nag Sharwan; Hsieh, Tom Han Hsiao  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Centogene GmbH  
**(11)** AU-A-2021204429  
**(21)** 2021204429 **(22)** 29.06.2021  
**(54)** METHOD FOR THE DIAGNOSIS OF NIEMANN-PICK DISEASE  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**G01N 33/92** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 29.07.2021  
 (62) 2018229451  
 (72) Rolfs, Arndt; Mascher, Hermann  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chelation Partners Incorporated  
 (11) AU-A-2021204603  
 (21) 2021204603 (22) 01.07.2021  
 (54) Polymeric metal chelating compositions and methods of preparing same for controlling growth and activities of living cells and organisms  
 (51) Int. Cl.  
*C07D 213/69* ( 2006.01 )  
*A61K 31/787* ( 2006.01 )  
*A61P 39/04* ( 2006.01 )  
*C08F 220/60* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2017314880  
 (72) Holbein, Bruce E.; Ang, M. Trisha C.; Palaskar, Dnyaneshwar Vithoba; Satyanarayana, Ganugapati; Mahandru, Gireesh; Reddy, S. Vijaya Bhaskara; Ali, Sazid  
 (74) Davies Collison Cave Pty Ltd

(71) Chubak, G.  
 (11) AU-A-2021204696  
 (21) 2021204696 (22) 05.07.2021  
 (54) SYSTEM AND METHOD FOR GEOPHYSICAL DATA COLLECTION  
 (51) Int. Cl.  
*G01V 3/02* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2015201070  
 (72) Chubak, Glenn Dale  
 (74) FB Rice Pty Ltd

(71) CJ Cheiljedang Corporation  
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 (21) 2021204450 (22) 29.06.2021  
 (54) Microorganism Of The Genus Corynebacterium Producing 5'-Xanthosine Monophosphate And Method For Preparing 5'-Xanthosine Monophosphate Using The Same  
 (51) Int. Cl.  
*C12N 1/21* ( 2006.01 )  
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 (43) 29.07.2021  
 (62) 2018386357  
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 (74) WRAYS PTY LTD

(71) CLARKE, P.D.  
 (11) AU-A-2021200033  
 (21) 2021200033 (22) 05.01.2021  
 (54) Radiator fan heater  
 (51) Int. Cl.  
*H05B 3/50* ( 2006.01 )  
*F24H 3/08* ( 2006.01 )  
*F24H 9/20* ( 2006.01 )  
*G05D 23/19* ( 2006.01 )  
*H05B 1/02* ( 2006.01 )

*G05B 19/07* ( 2006.01 )  
*H02M 5/257* ( 2006.01 )  
 (31) 2020900063 (32) 09.01.20 (33) AU  
 (43) 29.07.2021  
 (72) CLARKE, Peter Denison  
 (74) Patenteur Pty Ltd

(71) Covidien LP  
 (11) AU-A-2021204476  
 (21) 2021204476 (22) 29.06.2021  
 (54) System and method of performing treatment along a lumen network  
 (51) Int. Cl.  
*A61B 34/20* ( 2016.01 )  
*A61B 18/18* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2017264479  
 (72) KRIMSKY, William S.  
 (74) Spruson & Ferguson

(71) Crossroads Extremity Systems, LLC  
 (11) AU-A-2021204456  
 (21) 2021204456 (22) 29.06.2021  
 (54) Transosseous suture anchor  
 (51) Int. Cl.  
*A61B 17/68* ( 2006.01 )  
*A61B 17/04* ( 2006.01 )  
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 (43) 29.07.2021  
 (62) 2016302127  
 (72) Fallin, T. Wade; Helgerson, Joel  
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(71) DEKA Products Limited Partnership  
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 (21) 2021204366 (22) 25.06.2021  
 (54) Fluid pumping and bioreactor system  
 (51) Int. Cl.  
*C12M 3/00* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
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 (74) Griffith Hack

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 (54) Power Supply System And Method For Alternating Current Load  
 (51) Int. Cl.  
*H02J 3/00* ( 2006.01 )  
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 (43) 29.07.2021  
 (72) DONG, Mingxuan; WANG, Changyong; QIU, Aibin  
 (74) Cotters Patent & Trade Mark Attorneys

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 (11) AU-A-2021204491  
 (21) 2021204491 (22) 29.06.2021

(54) COMPUTER RESOURCE MANAGEMENT BASED ON PRIORITIZATION OF COMPUTER EXECUTABLE EVENTS  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06F 15/16* ( 2006.01 )  
*G06Q 30/02* ( 2012.01 )

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 (72) Lo, Frank; Ward, Brandon Joseph; Krusz, Alexander John; Grove, Brendan Thompson  
 (74) RnB IP Pty Ltd

(71) Edwards Lifesciences Corporation  
 (11) AU-A-2021204539  
 (21) 2021204539 (22) 30.06.2021  
 (54) Sealing element for prosthetic heart valve  
 (51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
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(71) Edwards Lifesciences Corporation  
 (11) AU-A-2021204636  
 (21) 2021204636 (22) 01.07.2021  
 (54) Catheter assembly  
 (51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
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 (72) VALDEZ, Michael G.  
 (74) Spruson & Ferguson

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 (21) 2021204706

(71) ENLIGHTEN AUSTRALIA PTY LTD  
 (11) AU-A-2020256303  
 (21) 2020256303 (22) 12.10.2020  
 (54) Emergency Exit System Component Failure of Maintenance  
 (51) Int. Cl.  
*G08B 7/06* ( 2006.01 )  
*G08B 3/10* ( 2006.01 )  
*G08B 5/38* ( 2006.01 )  
*G08B 21/18* ( 2006.01 )  
 (31) 2020900066 (32) 10.01.20 (33) AU  
 (43) 29.07.2021  
 (72) CAHILL, Steven Michael  
 (74) Fraser Old & Sohn

(71) Epiroc Drilling Solutions, LLC  
 (11) AU-A-2021204464  
 (21) 2021204464 (22) 29.06.2021  
 (54) System and method for controlling a drilling machine  
 (51) Int. Cl.



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**(43)** 29.07.2021  
**(62)** 2017371677  
**(72)** Miller, Peter D.  
**(74)** Griffith Hack

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**(71)** Epiroc Drilling Solutions, LLC  
**(11)** AU-A-2021204469  
**(21)** 2021204469 **(22)** 29.06.2021  
**(54)** System and method for controlling a drilling machine  
**(51)** Int. Cl.  
**E21B 44/00** ( 2006.01 )  
**E21B 7/02** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017371677  
**(72)** Miller, Peter D.  
**(74)** Griffith Hack

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**(71)** Epiroc Drilling Solutions, LLC  
**(11)** AU-A-2021204477  
**(21)** 2021204477 **(22)** 29.06.2021  
**(54)** System and method for controlling a drilling machine  
**(51)** Int. Cl.  
**E21B 44/00** ( 2006.01 )  
**E21B 7/02** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017371677  
**(72)** Miller, Peter D.  
**(74)** Griffith Hack

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**(71)** Epizyme, Inc.; Health Research, Inc.  
**(11)** AU-A-2021204515  
**(21)** 2021204515 **(22)** 30.06.2021  
**(54)** COMBINATION THERAPY FOR TREATING CANCER  
**(51)** Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2016252546  
**(72)** Keilhack, Heike; Pili, Roberto  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Epizyme, Inc.; Eisai R&D Management Co., Ltd.  
**(11)** AU-A-2021204706  
**(21)** 2021204706 **(22)** 06.07.2021  
**(54)** METHOD FOR TREATING CANCER  
**(51)** Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 9/22** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015350108  
**(72)** Keilhack, Heike; Truitt, Brett; Suzuki, Yuta; Murase, Tsukasa; Shikata, Futoshi  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**Ercole Biotech, Inc. see Santaris Pharma A/S**  
**(21)** 2021204434

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**(71)** Esasolar Energy System, S.L.  
**(11)** AU-A-2021200065  
**(21)** 2021200065 **(22)** 07.01.2021  
**(54)** PRE-ASSEMBLY PLANT FOR PHOTOVOLTAIC SOLAR TRACKERS AND PRE-ASSEMBLY METHOD ASSOCIATED WITH SAID PLANT  
**(51)** Int. Cl.  
**H02S 20/32** ( 2014.01 )  
**H02S 20/00** ( 2014.01 )  
**H02S 30/10** ( 2014.01 )  
**(31)** P202030014 **(32)** 14.01.20 **(33)** ES  
**(43)** 29.07.2021  
**(72)** Maldonado Ferreira, José Antonio  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Evelo Biosciences, Inc.  
**(11)** AU-A-2021204574  
**(21)** 2021204574 **(22)** 30.06.2021  
**(54)** Probiotic and prebiotic compositions, and methods of use thereof for modulation of the microbiome  
**(51)** Int. Cl.  
**A61K 35/39** ( 2015.01 )  
**A61K 35/74** ( 2015.01 )  
**A61K 38/46** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015353425  
**(72)** BERRY, David; AFEYAN, Noubar B.; KAPLAN, Johanne; RAHMAN, Shaila  
**(74)** Spruson & Ferguson

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**(71)** Evogene Ltd.  
**(11)** AU-A-2021204318  
**(21)** 2021204318 **(22)** 24.06.2021  
**(54)** Isolated polynucleotides, polypeptides and methods of using same for increasing abiotic stress tolerance, biomass and yield of plants  
**(51)** Int. Cl.  
**A01H 5/10** ( 2018.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015265412  
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**(74)** Spruson & Ferguson

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**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2021204369  
**(21)** 2021204369 **(22)** 26.06.2021  
**(54)** Bicyclic ketone compounds and methods of use thereof  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/5365** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )

**A61P 25/28** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
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**(72)** PATEL, Snahel; HAMILTON, Gregory; ZHAO, Guiling; CHEN, Huifen; DANIELS, Blake; STIVALA, Craig  
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**(71)** Fastcap Systems Corporation  
**(11)** AU-A-2021204666  
**(21)** 2021204666 **(22)** 04.07.2021  
**(54)** HIGH TEMPERATURE ENERGY STORAGE DEVICE  
**(51)** Int. Cl.  
**H01G 9/00** ( 2006.01 )  
**B23K 9/00** ( 2006.01 )  
**B23K 20/10** ( 2006.01 )  
**B23K 26/20** ( 2014.01 )  
**H01G 9/10** ( 2006.01 )  
**H01M 2/02** ( 2006.01 )  
**H01M 2/04** ( 2006.01 )  
**H01M 2/30** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019202805  
**(72)** Signorelli, Riccardo; Cooley, John; Kuttipillai, Padmanaban; Deane, Christopher; Epstein, James  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Fasteners for Retail, Inc.  
**(11)** AU-A-2020281152  
**(21)** 2020281152 **(22)** 04.12.2020  
**(54)** Actuator with locking mechanism  
**(51)** Int. Cl.  
**A47F 3/08** ( 2006.01 )  
**A47F 1/12** ( 2006.01 )  
**(31)** 16/743,687 **(32)** 15.01.20 **(33)** US  
**(43)** 29.07.2021  
**(72)** HUA, Yun; LIEDTKE, Michael Eric  
**(74)** Griffith Hack

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**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2021204649  
**(21)** 2021204649 **(22)** 02.07.2021  
**(54)** NASAL CANNULA ASSEMBLIES AND RELATED PARTS  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019201077  
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**(74)** AJ PARK

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**(71)** FMC CORPORATION  
**(11)** AU-A-2021204658  
**(21)** 2021204658 **(22)** 02.07.2021  
**(54)** USE OF SAFENERS WITH PPO INHIBITOR HERBICIDES

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**A01N 43/40** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )
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(62) 2017234507  
(72) SHINN, Sandra L.; CHAHAL, Gurinderbir S.; D'AMICO JR, Frank J.  
(74) Houlihan<sup>2</sup> Pty Ltd
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- Gábor, R. see Lovász, S.**  
(21) 2021204442
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- (71) Gallium Enterprises Pty Ltd  
(11) AU-A-2021204644  
(21) 2021204644 (22) 02.07.2021  
(54) Buried activated p-(Al,In)GaN layers  
(51) Int. Cl.  
**H01L 33/00** ( 2010.01 )  
**H01L 21/02** ( 2006.01 )  
**H01L 33/02** ( 2010.01 )  
**H01L 33/06** ( 2010.01 )  
**H01L 33/32** ( 2010.01 )
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(62) 2018365942  
(72) MANN, Ian; BARIK, Satyanarayan; BROWN, Joshua David; LIU, Danyu  
(74) FB Rice Pty Ltd
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- (71) Garrett Thermal Systems Limited  
(11) AU-A-2021204435  
(21) 2021204435 (22) 29.06.2021  
(54) Particle detection system and related methods  
(51) Int. Cl.  
**G08B 17/107** ( 2006.01 )  
**G01N 15/02** ( 2006.01 )
- (43) 29.07.2021  
(62) 2018220149  
(72) Knox, Ronald; Cooper, Kate  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Genentech, Inc.  
(11) AU-A-2021204596  
(21) 2021204596 (22) 01.07.2021  
(54) Anti-CD79b antibodies and immun-conjugates and methods of use  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )
- (43) 29.07.2021  
(62) 2019202880  
(72) CHEN, Yvonne; DENNIS, Mark; DORNAN, David; ELKINS, Kristi; JUNUTULA, Jagath Reddy; POLSON, Andrew; ZHENG, Bing  
(74) Griffith Hack
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- (71) Genomatica, Inc.  
(11) AU-A-2021204482  
(21) 2021204482 (22) 29.06.2021  
(54) Semisynthetic routes to organic compounds  
(51) Int. Cl.  
**C07C 45/45** ( 2006.01 )
- C07C 45/62** ( 2006.01 )  
**C07C 45/65** ( 2006.01 )  
**C12P 7/42** ( 2006.01 )  
**C12P 7/44** ( 2006.01 )  
**C12P 17/04** ( 2006.01 )
- (43) 29.07.2021  
(62) 2019232831  
(72) DEL CARDAYRE, Stephen B.; SCHIRMER, Andreas W.; KO, Myong; WANG, Haibo  
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- Giber, J. see Lovász, S.**  
(21) 2021204442
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- (71) Gilead Sciences, Inc.  
(11) AU-A-2021204222  
(21) 2021204222 (22) 22.06.2021  
(54) PD-1/PD-L1 inhibitors  
(51) Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 241/18** ( 2006.01 )  
**C07D 241/20** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 487/08** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
**C07D 491/107** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )
- (43) 29.07.2021  
(62) 2019222644  
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(74) Davies Collison Cave Pty Ltd
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- (71) Globaltech Corporation Pty Ltd; Longyear TM, Inc.  
(11) AU-A-2021204633  
(21) 2021204633 (22) 01.07.2021  
(54) Core barrel head assembly with an integrated sample orientation tool and system for using same  
(51) Int. Cl.  
**E21B 10/02** ( 2006.01 )  
**E21B 49/02** ( 2006.01 )
- (43) 29.07.2021  
(62) 2019257536  
(72) DRENTH, Christopher L.; STEWART, Gordon; HEJLEH, Khaled  
(74) Cotters Patent & Trade Mark Attorneys
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- Health Research, Inc. see Epizyme, Inc.**  
(21) 2021204515
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- (71) Herlev Hospital; Immudex ApS  
(11) AU-A-2021204496  
(21) 2021204496 (22) 30.06.2021  
(54) Determining antigen recognition through barcoding of MHC multimers  
(51) Int. Cl.  
**C07K 14/74** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/543** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )
- (43) 29.07.2021  
(62) 2019264685  
(72) Reker Hadrup, Sine; Pedersen, Henrik; Jakobsen, Soren; Bentzen, Amalie Kai  
(74) FB Rice Pty Ltd
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021204449  
(21) 2021204449 (22) 29.06.2021  
(54) IMAGE SHARING METHOD AND ELECTRONIC DEVICE  
(51) Int. Cl.  
**H04N 21/47** ( 2011.01 )  
**G06F 3/0484** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )
- (43) 29.07.2021  
(62) 2017411918  
(72) Ye, Fei; Xie, Qi  
(74) Phillips Ormonde Fitzpatrick
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- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021204507  
(21) 2021204507 (22) 30.06.2021  
(54) METHOD FOR MOVING BETWEEN COMMUNICATIONS SYSTEMS AND APPARATUS  
(51) Int. Cl.  
**H04W 36/04** ( 2009.01 )  
**H04W 36/00** ( 2009.01 )  
**H04W 76/16** ( 2018.01 )
- (43) 29.07.2021  
(62) 2017413894  
(72) Jin, Hui; Dou, Fenghui; Yang, Haorui; He, Yue; Ouyang, Guowei  
(74) Phillips Ormonde Fitzpatrick
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- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021204576  
(21) 2021204576 (22) 30.06.2021  
(54) CONTROL INFORMATION TRANSMISSION METHOD, RELATED APPARATUS, AND COMPUTER STORAGE MEDIUM  
(51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04L 5/00** ( 2006.01 )
- (43) 29.07.2021  
(62) 2018263110  
(72) Zhang, Xu; Wang, Jianguo; Xue, Lixia; Chen, Zheng  
(74) Phillips Ormonde Fitzpatrick
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- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021204638  
(21) 2021204638 (22) 01.07.2021

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(54) SYSTEM AND METHOD FOR TRIGGERING BEAM RECOVERY

(51) Int. Cl.  
*H04W 16/32* ( 2009.01 )

(43) 29.07.2021  
(62) 2018284728  
(72) Xia, Pengfei; Liu, Bin  
(74) Phillips Ormonde Fitzpatrick

(71) Hunter Douglas Inc.  
(11) AU-A-2021204504  
(21) 2021204504 (22) 30.06.2021  
(54) Shutter assembly with motorized louver drive system

(51) Int. Cl.  
*E06B 7/096* ( 2006.01 )  
*E06B 7/08* ( 2006.01 )  
*E06B 7/084* ( 2006.01 )

(43) 29.07.2021  
(62) 2016204260  
(72) Meyerink, Larry; Batte, Anthony; Grubb, Dean  
(74) Shelston IP Pty Ltd.

(71) Hunt Perovskite Technologies, L.L.C.

(11) AU-A-2021204425  
(21) 2021204425 (22) 28.06.2021

(54) METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS

(51) Int. Cl.  
*H01L 31/04* ( 2014.01 )  
*C01G 23/04* ( 2006.01 )  
*H01L 31/18* ( 2006.01 )

(43) 29.07.2021  
(62) 2019236643  
(72) Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Illumina, Inc.  
(11) AU-A-2021204700  
(21) 2021204700 (22) 05.07.2021  
(54) Polynucleotide Amplification Using CRISPR-Cas Systems

(51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*C12N 15/10* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
*C12N 15/90* ( 2006.01 )

(43) 29.07.2021  
(62) 2015346514  
(72) MANDELL, Jeffrey G.  
(74) WRAYS PTY LTD

Immudex ApS see Herlev Hospital

(21) 2021204496

(71) Implantica Patent Ltd  
(11) AU-A-2021204626  
(21) 2021204626 (22) 01.07.2021  
(54) Device and Method for Embryo Control

(51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
*A61B 17/425* ( 2006.01 )  
*A61F 6/22* ( 2006.01 )

*A61N 1/36* ( 2006.01 )

(43) 29.07.2021  
(62) 2019204811  
(72) Forsell, Peter  
(74) WRAYS PTY LTD

(71) IP Reserve Pty Ltd  
(11) AU-A-2021204433  
(21) 2021204433 (22) 29.06.2021  
(54) VEHICULAR LADDER

(51) Int. Cl.  
*B60B 39/12* ( 2006.01 )

(43) 29.07.2021  
(62) 2016345065  
(72) HERMANS, TY  
(74) DAVIS IP PTY LTD

(71) Israel Aerospace Industries Ltd.

(11) AU-A-2021204651  
(21) 2021204651 (22) 02.07.2021

(54) Proximity navigation of unmanned vehicles

(51) Int. Cl.  
*G08G 5/04* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )

(43) 29.07.2021  
(62) 2019211311  
(72) SABATO, Moshe  
(74) Griffith Hack

(71) KONE CORPORATION

(11) AU-A-2021200031  
(21) 2021200031 (22) 05.01.2021

(54) ELEVATOR SYSTEM WITH METHOD OF POSITION DETECTION OF A CAR

(51) Int. Cl.  
*B66B 3/02* ( 2006.01 )  
*B66B 11/08* ( 2006.01 )

(31) 20150907.2 (32) 09.01.20 (33) EP  
(43) 29.07.2021  
(72) Wenlin, Henri; Panula, Juha; Perälä, Oskari; Forsström, Niko; Janhunen, Sami; Aitamurto, Juha-Matti; Viita-aho, Tarvo  
(74) Collison & Co

(71) Koninklijke Douwe Egberts B.V.

(11) AU-A-2021204472  
(21) 2021204472 (22) 29.06.2021

(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device

(51) Int. Cl.  
*B65D 85/804* ( 2006.01 )

(43) 29.07.2021  
(62) 2016264690  
(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph; Kamerbeek, Ralf; Eijsackers, Armin Sjoerd; Flamand, John Henri; Halliday, Andrew Michael; Hansen, Nicholas Andrew  
(74) Davies Collison Cave Pty Ltd

(71) Koninklijke Douwe Egberts B.V.

(11) AU-A-2021204474  
(21) 2021204474 (22) 29.06.2021

(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device

(51) Int. Cl.  
*B65D 85/804* ( 2006.01 )

(43) 29.07.2021  
(62) 2016264691  
(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph; Kamerbeek, Ralf; Eijsackers, Armin Sjoerd; Flamand, John Henri; Halliday, Andrew Michael; Hansen, Nicholas Andrew  
(74) Davies Collison Cave Pty Ltd

(71) Koninklijke Douwe Egberts B.V.

(11) AU-A-2021204478  
(21) 2021204478 (22) 29.06.2021

(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device

(51) Int. Cl.  
*B65D 85/804* ( 2006.01 )

(43) 29.07.2021  
(62) 2016264684  
(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph; Kamerbeek, Ralf; Eijsackers, Armin Sjoerd; Flamand, John Henri  
(74) Davies Collison Cave Pty Ltd

(71) KPR U.S., LLC

(11) AU-A-2021204524  
(21) 2021204524 (22) 30.06.2021

(54) Compression garment compliance

(51) Int. Cl.  
*A61H 9/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )

(43) 29.07.2021  
(62) 2016334479  
(72) DENSON, Jesse; WUDYKA, Scott; BECKER, Paul  
(74) Griffith Hack

(71) Kyowa Kirin Co., Ltd.

(11) AU-A-2021204307  
(21) 2021204307 (22) 24.06.2021

(54) a, β unsaturated amide compound

(51) Int. Cl.  
*C07D 213/74* ( 2006.01 )  
*A61K 31/353* ( 2006.01 )

*A61K 31/4433* ( 2006.01 )  
*A61K 31/47* ( 2006.01 )  
*A61K 31/4709* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 215/38* ( 2006.01 )  
*C07D 311/74* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )

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(43) 29.07.2021  
 (62) 2016379292  
 (72) DANJO, Tomohiro; FUJIWARA, Katsuki; NISHIKAWA, Tomoyuki; NAKAJIMA, Takahiro; OTSUBO, Nobumasa; SEIKE, Toshihiro  
 (74) Spruson & Ferguson

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (11) AU-A-2020294257  
 (21) 2020294257 (22) 23.12.2020  
 (54) GAS CONTAINER WITH DISPLAY OF THE FLOW AND OF THE CORRESPONDING AUTONOMY  
 (51) Int. Cl.  
*G01L 19/08* (2006.01)  
*F17C 1/00* (2006.01)  
*F17C 7/00* (2006.01)  
*F17C 13/02* (2006.01)  
*G01F 1/34* (2006.01)  
 (31) 2000287 (32) 14.01.20 (33) FR  
 (43) 29.07.2021  
 (72) Bellingeri, Federica; Campagnac, Adrien; Mary, Alexis  
 (74) Phillips Ormonde Fitzpatrick

(71) L & H Industrial, Inc.  
 (11) AU-A-2021203745  
 (21) 2021203745 (22) 14.01.2021  
 (54) Dipper handle assembly for a power shovel  
 (51) Int. Cl.  
*E02F 3/36* (2006.01)  
*E02F 3/28* (2006.01)  
 (31) 16/743,802 (32) 15.01.20 (33) US  
 (43) 29.07.2021  
 (72) RHODINE, Jordan; HECHT, Nathanael  
 (74) Spruson & Ferguson

(71) Landis+Gyr Innovations, Inc.  
 (11) AU-A-2021204455  
 (21) 2021204455 (22) 29.06.2021  
 (54) Utility meter for use with distributed generation device  
 (51) Int. Cl.  
*G01D 4/00* (2006.01)  
 (43) 29.07.2021  
 (62) 2017271591  
 (72) Schamber, Steven John; Venkatesan, Prasanna  
 (74) Davies Collision Cave Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2021204707  
 (21) 2021204707 (22) 06.07.2021  
 (54) Clothes treating apparatus  
 (51) Int. Cl.  
*D06F 71/08* (2006.01)  
*D06F 73/02* (2006.01)  
 (43) 29.07.2021  
 (62) 2019203836  
 (72) KIM, Jaehyung; JANG, Semin; NOH, Boram  
 (74) FB Rice Pty Ltd

(71) Lochterra Inc.  
 (11) AU-A-2021204463  
 (21) 2021204463 (22) 29.06.2021  
 (54) Systems and methods for the capture of heat energy, long-distance conveyance, storage, and distribution of the captured-heat energy and power generated therefrom  
 (51) Int. Cl.  
*F28D 21/00* (2006.01)  
*F01K 13/00* (2006.01)  
*F03G 4/00* (2006.01)  
*F03G 6/00* (2006.01)  
*F03G 7/00* (2006.01)  
*F24D 10/00* (2006.01)  
 (43) 29.07.2021  
 (62) 2018449531  
 (72) RADKE, Gerald Alvin  
 (74) Spruson & Ferguson

Longyear TM, Inc. see Globaltech Corporation Pty Ltd  
 (21) 2021204633

(71) Lovász, S.; Gábor, R.; Giber, J.  
 (11) AU-A-2021204442  
 (21) 2021204442 (22) 29.06.2021  
 (54) Adapter, process and use for instillation of agents into the bladder through the urethra without catheter  
 (51) Int. Cl.  
*A61B 1/307* (2006.01)  
*A61M 3/02* (2006.01)  
 (43) 29.07.2021  
 (62) 2016322071  
 (72) Lovász, Sándor; Gábor, Rényi; Giber, János  
 (74) Griffith Hack

(71) Mandometer AB  
 (11) AU-A-2021204600  
 (21) 2021204600 (22) 01.07.2021  
 (54) A probabilistic context free grammar for food intake  
 (51) Int. Cl.  
*G01G 19/414* (2006.01)  
 (43) 29.07.2021  
 (62) 2016247433  
 (72) Bergh, Cecilia; Södersten, Per; Ioakeimidis, Ioannis; Papapanagiotou, Vasileios; Diou, Christos; Delopoulos, Anastasios  
 (74) Griffith Hack

(71) Manja Technologies Sdn Bhd  
 (11) AU-A-2021204509  
 (21) 2021204509 (22) 30.06.2021  
 (54) Systems and methods for providing an integrated public and/or private transportation service  
 (51) Int. Cl.  
*G01C 21/00* (2006.01)  
*G01C 21/34* (2006.01)  
*G06Q 50/30* (2012.01)  
*G08G 1/0968* (2006.01)

(43) 29.07.2021  
 (62) 2015413250  
 (72) LIM, Chern Chuen  
 (74) Griffith Hack

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Massachusetts Institute of Technology see The Broad Institute, Inc.  
 (21) 2021204395

(71) Medizinische Universität Innsbruck  
 (11) AU-A-2021204691  
 (21) 2021204691 (22) 05.07.2021  
 (54) Improved pharmacokinetics and cholecystokinin-2 receptor (CCK2R) targeting for diagnosis and therapy  
 (51) Int. Cl.  
*C07K 7/06* (2006.01)  
*A61K 38/08* (2019.01)  
 (43) 29.07.2021  
 (62) 2018280861  
 (72) Von Guggenberg Zu Riedhofen, Elisabeth; Klingler, Maximilian  
 (74) FB Rice Pty Ltd

(71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-A-2021204506  
 (21) 2021204506 (22) 30.06.2021  
 (54) Methods and compositions for reducing *Clostridium difficile* infection  
 (51) Int. Cl.  
*C12Q 1/26* (2006.01)  
*A61K 35/74* (2015.01)  
 (43) 29.07.2021  
 (62) 2015264266  
 (72) PAMER, Eric G.; BUFFIE, Charlie; MCKENNEY, Peter  
 (74) Spruson & Ferguson

(71) Merck Sharp & Dohme Corp.  
 (11) AU-A-2021204629  
 (21) 2021204629 (22) 01.07.2021  
 (54) Bis-quarternary cinchona alkaloid salts as asymmetric phase transfer catalysts  
 (51) Int. Cl.  
*C07D 453/04* (2006.01)  
 (43) 29.07.2021  
 (62) 2019206049  
 (72) XIANG, Bangping; YASUDA, Nobuyoshi  
 (74) Spruson & Ferguson

(71) MP Global Products, L.L.C.  
 (11) AU-A-2021204424  
 (21) 2021204424 (22) 28.06.2021  
 (54) Method Of Making An Insulation Material And An Insulated Mailer  
 (51) Int. Cl.  
*D21H 17/35* (2006.01)  
*D21H 17/53* (2006.01)  
*D21H 21/18* (2006.01)  
*D21H 21/34* (2006.01)  
*D21H 25/06* (2006.01)  
*D21H 27/10* (2006.01)  
*D21H 27/30* (2006.01)  
*D21J 1/20* (2006.01)

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(43) 29.07.2021  
 (62) 2017359035  
 (72) COLLISON, Alan B.; BORGMAN, Reid  
 (74) WRAYS PTY LTD

(71) Myriad Women's Health, Inc.  
 (11) AU-A-2021204453  
 (21) 2021204453 (22) 29.06.2021  
 (54) SYSTEMS AND METHODS FOR  
 PRENATAL GENETIC ANALYSIS  
 (51) Int. Cl.  
 C12P 19/34 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )  
 (43) 29.07.2021  
 (62) 2018214075  
 (72) Evans, Eric; Chu, Clement; Davison,  
 Daniel; Richards, Hunter  
 (74) Arcadia Intellectual Property

(71) Natural Brew Inc  
 (11) AU-A-2021204605  
 (21) 2021204605 (22) 01.07.2021  
 (54) Systems, Devices, and Methods for In-  
 troducing Additives to a Pressurised  
 Vessel  
 (51) Int. Cl.  
 C12C 13/00 ( 2006.01 )  
 B01J 3/03 ( 2006.01 )  
 C12C 11/00 ( 2006.01 )  
 C12L 3/00 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016314266  
 (72) DROMGOOL, Matthew; WATSON, Bri-  
 an  
 (74) James & Wells Intellectual Property

(71) Nemaska Lithium Inc.  
 (11) AU-A-2021204689  
 (21) 2021204689 (22) 05.07.2021  
 (54) Methods for treating lithium-containing  
 materials  
 (51) Int. Cl.  
 C25C 1/02 ( 2006.01 )  
 B01D 61/42 ( 2006.01 )  
 C01D 15/00 ( 2006.01 )  
 C01D 15/02 ( 2006.01 )  
 C01D 15/06 ( 2006.01 )  
 C22B 1/02 ( 2006.01 )  
 C22B 3/04 ( 2006.01 )  
 C22B 3/20 ( 2006.01 )  
 C22B 26/12 ( 2006.01 )

(43) 29.07.2021  
 (62) 2019203355  
 (72) Magnan, Jean-Francois; Bourassa,  
 Guy; Laroche, Nicolas; Pearse, Gary;  
 Mackie, Stephen Charles; Gladkovas,  
 Mykolas; Peter, Symons; Genders, J.  
 David; Clayton, Geneviève; Bouchard,  
 Pierre  
 (74) Shelston IP Pty Ltd.

(71) NIKE Innovate C.V.  
 (11) AU-A-2021204461  
 (21) 2021204461 (22) 29.06.2021  
 (54) Article of clothing including a substrate  
 material and a flocking material  
 (51) Int. Cl.

A41F 9/00 ( 2006.01 )  
 A41D 27/10 ( 2006.01 )  
 A41D 27/18 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019213322  
 (72) Moore, Bruce Y.; Turner, David  
 (74) Davies Collison Cave Pty Ltd

(71) Nitto Denko Corporation  
 (11) AU-A-2021204516  
 (21) 2021204516 (22) 30.06.2021  
 (54) URINALYSIS DEVICE AND DRY RE-  
 AGENT FOR QUANTITATIVE UR-  
 INALYSIS  
 (51) Int. Cl.  
 G01N 33/70 ( 2006.01 )  
 G01N 21/25 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2014384759  
 (72) CHEN, Xiaojun; WANG, Yingsong; HO,  
 Pei Shan; YEO, Xi Er  
 (74) FB Rice Pty Ltd

(71) Nutrition Science Design Pte. Ltd.  
 (11) AU-A-2021204451  
 (21) 2021204451 (22) 29.06.2021  
 (54) Process for sugar production  
 (51) Int. Cl.  
 G01N 33/02 ( 2006.01 )  
 G06F 17/00 ( 2019.01 )  
 (43) 29.07.2021  
 (62) 2017301111  
 (72) Kannar, David  
 (74) FPA Patent Attorneys Pty Ltd

(71) Ohio State Innovation Foundation  
 (11) AU-A-2021204628  
 (21) 2021204628 (22) 01.07.2021  
 (54) METHODS AND COMPOSITIONS RE-  
 LATED TO ACCELERATED HUMORAL  
 AFFINITY  
 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )  
 A61K 39/118 ( 2006.01 )  
 A61P 31/04 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016354444  
 (72) Cherpes, Thomas; Quispe Calla , Nirk  
 E.; Vicetti, Rodolfo Miguel  
 (74) Madderns Pty Ltd

(71) OilQuick Deutschland KG  
 (11) AU-A-2020289843  
 (21) 2020289843 (22) 17.12.2020  
 (54) CHANGE SYSTEM FOR LOADING  
 CRANES  
 (51) Int. Cl.  
 B66C 1/68 ( 2006.01 )  
 B66C 3/00 ( 2006.01 )  
 B66F 9/075 ( 2006.01 )  
 E02F 3/36 ( 2006.01 )  
 (31) 10 2020 100 519.9 (32) 13.01.20 (33) DE  
 (43) 29.07.2021  
 (72) STÖSSL, Martin; KOLLMANN, Michael  
 (74) IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

(71) OMS INVESTMENTS, INC.  
 (11) AU-A-2021204518  
 (21) 2021204518 (22) 30.06.2021  
 (54) IRON-SUPPLEMENTED FERTILIZER  
 (51) Int. Cl.  
 C05D 9/00 ( 2006.01 )  
 C05C 9/00 ( 2006.01 )  
 C05C 9/02 ( 2006.01 )  
 C05C 11/00 ( 2006.01 )  
 C05D 9/02 ( 2006.01 )  
 C05G 3/00 ( 2020.01 )  
 (43) 29.07.2021  
 (62) 2017229994  
 (72) CHIA, James Liang-Hiong; KOENIG,  
 John  
 (74) AJ PARK

(71) Orgenesis Inc.  
 (11) AU-A-2021204520  
 (21) 2021204520 (22) 30.06.2021  
 (54) Pharmaceuticals for treatment of viral  
 infections of the eye  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 38/46 ( 2006.01 )  
 A61P 27/02 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 31/20 ( 2006.01 )  
 A61P 31/22 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016277827  
 (72) Squiquera, Luis; Sulley, Jamie  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Pelican Products, Inc.  
 (11) AU-A-2020201887  
 (21) 2020201887 (22) 16.03.2020  
 (54) TRUCK MOUNTING SYSTEM WITH  
 TWO PIVOTAL A-ARMS  
 (51) Int. Cl.  
 B60P 7/14 ( 2006.01 )  
 B60P 7/08 ( 2006.01 )  
 B60P 7/10 ( 2006.01 )  
 B60R 9/048 ( 2006.01 )  
 (31) 16/742,830 (32) 14.01.20 (33) US  
 (43) 29.07.2021  
 (72) DEIGHTON, Kevin John; BOSSEN-  
 BROEK, Scott Lee; TENNANT, Robert  
 Clifford  
 (74) Griffith Hack

(71) Pelican Products, Inc.  
 (11) AU-A-2020264317  
 (21) 2020264317 (22) 04.11.2020  
 (54) Shock absorbing container and vibra-  
 tion isolator system  
 (51) Int. Cl.  
 B65D 90/12 ( 2006.01 )  
 F16F 9/04 ( 2006.01 )  
 (31) 16/741,592 (32) 13.01.20 (33) US  
 (43) 29.07.2021  
 (72) HAVRILLA, George  
 (74) Griffith Hack

(71) PHARMAQ AS  
 (11) AU-A-2021204436

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(21) 2021204436 (22) 29.06.2021  
 (54) Live fish processing system, and associated method  
 (51) Int. Cl.  
*A01K 61/95* ( 2017.01 )  
*A01K 61/13* ( 2017.01 )  
 (43) 29.07.2021  
 (62) 2018313729  
 (72) Pettersen, Jørn Ståle; Oddoy, Remy Kristian; Moflag, Johan Odd; Langseth, Steffen  
 (74) Shelston IP Pty Ltd.

(71) PHARMAQ AS  
 (11) AU-A-2021204438  
 (21) 2021204438 (22) 29.06.2021  
 (54) Live fish processing system, and associated method  
 (51) Int. Cl.  
*A01K 61/95* ( 2017.01 )  
*A01K 61/13* ( 2017.01 )  
 (43) 29.07.2021  
 (62) 2018313729  
 (72) Pettersen, Jørn Ståle; Oddoy, Remy Kristian; Moflag, Johan Odd; Langseth, Steffen  
 (74) Shelston IP Pty Ltd.

(71) PLF International Limited  
 (11) AU-A-2021204648  
 (21) 2021204648 (22) 02.07.2021  
 (54) Vacuum extraction and sealing of containers  
 (51) Int. Cl.  
*B65B 31/02* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2020202986  
 (72) SCOTT, Peter Roy; EMOND, Mark  
 (74) Griffith Hack

(71) Poole, A.  
 (11) AU-A-2020289844  
 (21) 2020289844 (22) 17.12.2020  
 (54) Waste Not!  
 (51) Int. Cl.  
*G06Q 50/00* ( 2012.01 )  
*G06Q 10/08* ( 2012.01 )  
 (31) 2019904788 (32) 18.12.19 (33) AU  
 (43) 29.07.2021  
 (72) Poole, Angela  
 (74) Angela Poole

(71) Prysmian S.p.A.  
 (11) AU-A-2021200043  
 (21) 2021200043 (22) 06.01.2021  
 (54) Armoured cable for transporting alternate current  
 (51) Int. Cl.  
*H01B 7/26* ( 2006.01 )  
*H01B 7/14* ( 2006.01 )  
*H01B 7/30* ( 2006.01 )  
*H01B 7/42* ( 2006.01 )  
 (31) 102020000000343 (32) 10.01.20 (33) IT  
 (43) 29.07.2021  
 (72) Maioli, Paolo; Bechis, Massimo  
 (74) Davies Collison Cave Pty Ltd

(71) Quantum Digital Pty. Limited  
 (11) AU-A-2021204492  
 (21) 2021204492 (22) 30.06.2021  
 (54) Improved method and system for determining locations of point-of-sale terminals  
 (51) Int. Cl.  
*G06Q 20/20* ( 2012.01 )  
 (43) 29.07.2021  
 (62) 2018451381  
 (72) KRUGER, Frederick  
 (74) FB Rice Pty Ltd

(71) Queensland Hydraulics Laboratory Pty Ltd  
 (11) AU-A-2020200298  
 (21) 2020200298 (22) 15.01.2020  
 (54) A PRECAST PANEL AND ASSEMBLY  
 (51) Int. Cl.  
*E04C 2/38* ( 2006.01 )  
*E04B 2/00* ( 2006.01 )  
*E04C 2/04* ( 2006.01 )  
*E04C 2/52* ( 2006.01 )  
 (43) 29.07.2021  
 (72) Thomas, Matthew; Thomas, Phillip  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

**Qurgen, Inc. see Wayne State University**  
 (21) 2021204485

(71) Rearden, LLC  
 (11) AU-A-2021204288  
 (21) 2021204288 (22) 24.06.2021  
 (54) SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS  
 (51) Int. Cl.  
*H04B 17/12* ( 2015.01 )  
*H04W 4/00* ( 2018.01 )  
 (43) 29.07.2021  
 (62) 2020201408  
 (72) Perlman, Stephen G.; Forenza, Antonio; Saibi, Fadi; Pitman, Timothy A.  
 (74) Ellis Terry

(71) Rise Biopharmaceuticals Inc.  
 (11) AU-A-2021200121  
 (21) 2021200121 (22) 11.01.2021  
 (54) Pharmaceutical compositions and use thereof for relieving resistance due to cancer chemotherapy and enhancing effect of cancer chemotherapy  
 (51) Int. Cl.  
*A61K 38/20* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (31) 62/959,553 (32) 10.01.20 (33) US  
 (43) 29.07.2021  
 (72) Cheng, Jya-Wei; Cheng, Hsi-Tsung; Yu, Hui-Yuan; Hsu, Su-Ya; Lee, Wei-Chen  
 (74) Shelston IP Pty Ltd.

(71) RxSafe, LLC  
 (11) AU-A-2021204637  
 (21) 2021204637 (22) 01.07.2021  
 (54) Pharmaceutical storage and retrieval system and methods of storing and retrieving pharmaceuticals  
 (51) Int. Cl.  
*A47B 81/00* ( 2006.01 )  
*A61J 3/00* ( 2006.01 )  
*B65G 1/137* ( 2006.01 )  
*G06Q 50/00* ( 2012.01 )  
 (43) 29.07.2021  
 (62) 2019236706  
 (72) HOLMES, William K.; JAMES, Michael; GAASCH, Thomas F.  
 (74) Griffith Hack

(71) S.C. Johnson & Son, Inc.  
 (11) AU-A-2021204710  
 (21) 2021204710 (22) 06.07.2021  
 (54) Storage bag with improved gripping features  
 (51) Int. Cl.  
*B65D 33/00* ( 2006.01 )  
*B65D 33/25* ( 2006.01 )  
 (43) 29.07.2021  
 (62) PCT/US2019/054697  
 (72) DAIS, Brian C.; PORCHIA, Jose; ZIMMERMAN, Daniel P.  
 (74) Spruson & Ferguson

(71) Sandvik Intellectual Property AB  
 (11) AU-A-2021204488  
 (21) 2021204488 (22) 29.06.2021  
 (54) A rock drill insert  
 (51) Int. Cl.  
*C04B 35/56* ( 2006.01 )  
*C22C 29/08* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2017333850  
 (72) MÅRTENSSON, Malin; ARVANITIDIS, Ioannis; TURBA, Krystof  
 (74) Griffith Hack

(71) Sangamo Therapeutics, Inc.  
 (11) AU-A-2021204432  
 (21) 2021204432 (22) 29.06.2021  
 (54) Regulation of gene expression using engineered nucleases  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 35/12* ( 2015.01 )  
*A61K 38/46* ( 2006.01 )  
*C12N 9/16* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2017315406  
 (72) MILLER, Jeffrey C.; REBAR, Edward J.  
 (74) Griffith Hack

(71) Santaris Pharma A/S; Ercole Biotech, Inc.  
 (11) AU-A-2021204434  
 (21) 2021204434 (22) 29.06.2021  
 (54) SPLICE SWITCHING OLIGOMERS FOR TNF SUPERFAMILY RECEPT-

Applications Open to Public Inspection - Name Index cont'd

ORS AND THEIR USE IN TREATMENT OF DISEASE  
**(51)** Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(43)** 29.07.2021  
**(62)** 2019208249  
**(72)** Ørum, Henrik; Sazani, Peter L.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Saphyre, Inc.  
**(11)** AU-A-2021204627  
**(21)** 2021204627 **(22)** 01.07.2021  
**(54)** Technologies for file sharing  
**(51)** Int. Cl.  
**G06F 16/176** ( 2019.01 )  
**G06F 16/14** ( 2019.01 )  
**G06F 16/22** ( 2019.01 )  
**G06F 16/93** ( 2019.01 )  
**(43)** 29.07.2021  
**(62)** 2019280994  
**(72)** BOCK, Joel N.  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** SAS Systems Pty Ltd  
**(11)** AU-A-2021204639  
**(21)** 2021204639 **(22)** 01.07.2021  
**(54)** IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE  
**(51)** Int. Cl.  
**E04H 17/14** ( 2006.01 )  
**E04F 11/18** ( 2006.01 )  
**E04H 17/00** ( 2006.01 )  
**E04H 17/20** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2016218930  
**(72)** Thomas, Leslie James  
**(74)** Ahearn Fox

**(71)** Scholar Rock, Inc.  
**(11)** AU-A-2021204415  
**(21)** 2021204415 **(22)** 28.06.2021  
**(54)** Compositions and methods for growth factor modulation  
**(51)** Int. Cl.  
**C07K 14/495** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019203834  
**(72)** SCHURPF, Thomas; MAHANTHAPPA, Nagesh K.; STRAUB, Michelle Marie  
**(74)** FB Rice Pty Ltd

**(71)** SciSparc Ltd  
**(11)** AU-A-2021204517  
**(21)** 2021204517 **(22)** 30.06.2021  
**(54)** COMBINATION OF OPIOIDS AND N-ACYLETHANOLAMINES

**(51)** Int. Cl.  
**A61K 31/164** ( 2006.01 )  
**A61K 31/4468** ( 2006.01 )  
**A61K 31/485** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2016263292  
**(72)** SHMULEWITZ, Ascher; HABER, Elran; BRENER, Ephraim  
**(74)** Griffith Hack

**(71)** Sciwind Biosciences Co., Ltd.  
**(11)** AU-A-2021204749  
**(21)** 2021204749 **(22)** 07.07.2021  
**(54)** ACYLATED GLP-1 DERIVATIVE  
**(51)** Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 3/10** ( 2006.01 )  
**C07K 1/02** ( 2006.01 )  
**C07K 1/107** ( 2006.01 )  
**C07K 1/30** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019256245  
**(72)** Xu, Zheng; Li, Feng; Song, Rui; Guo, Wanjun; Pan, Hai; Feng, Jing  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Seagen, Inc.  
**(11)** AU-A-2021204473  
**(21)** 2021204473 **(22)** 29.06.2021  
**(54)** Humanized antibodies to LIV-1 and use of same to treat cancer  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019202530  
**(72)** SMITH, Maria Leia; SUSSMAN, Django; ARTHUR, William; NESTER-OVA, Albina  
**(74)** Spruson & Ferguson

**(71)** Seegene, Inc.  
**(11)** AU-A-2021204329  
**(21)** 2021204329 **(22)** 25.06.2021  
**(54)** Method for reducing primer dimer formation and increasing amplification efficiency  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**(43)** 29.07.2021  
**(62)** 2017385830  
**(72)** Lee, Young Jo; Kim, Dae Young  
**(74)** FB Rice Pty Ltd

**(71)** SenSen Networks Group Pty Ltd  
**(11)** AU-A-2021204716  
**(21)** 2021204716 **(22)** 06.07.2021  
**(54)** System and method for automated table game activity recognition  
**(51)** Int. Cl.  
**G06T 7/174** ( 2017.01 )

**A63F 1/04** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017266438  
**(72)** VO, Nhat Dinh Minh; CHALLA, Subhash; LI, Zhi  
**(74)** FB Rice Pty Ltd

**(71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2020294160  
**(21)** 2020294160 **(22)** 17.04.2020  
**(54)** Image recognition method and apparatus, and computer-readable storage medium  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**(87)** WO2021/136980  
**(31)** 10201913955V **(32)** 31.12.19 **(33)** SG  
**(43)** 29.07.2021  
**(72)** WU, Jinyi; ZHAO, Haiyu  
**(74)** FB Rice Pty Ltd

**(71)** Shandong Lingxiyuan Sci-Tech Development Corporation  
**(11)** AU-A-2020395785  
**(21)** 2020395785 **(22)** 30.09.2020  
**(54)** Material conveying device and scraper  
**(51)** Int. Cl.  
**B65G 19/22** ( 2006.01 )  
**B65G 19/06** ( 2006.01 )  
**(31)** 202010022714.8 **(32)** 09.01.20 **(33)** CN  
**(43)** 29.07.2021  
**(72)** ZHANG, Xiaofeng; MA, Lanying; QI, Peng; ZHANG, Xiaoqi  
**(74)** Madderns Pty Ltd

**(71)** SHANGHAI PAN-CHINA FASTENING SYSTEMS CO, LTD.  
**(11)** AU-A-2021204565  
**(21)** 2021204565 **(22)** 30.06.2021  
**(54)** Rolled pipe thread processing method, rolling head, apparatus, module, production line, and product thereof  
**(51)** Int. Cl.  
**B21H 3/04** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017376521  
**(72)** ZHOU, Jun; ZHANG, Yongliang; YANG, Jianming; YANG, Minjun  
**(74)** Griffith Hack

**(71)** Sharma, A.  
**(11)** AU-A-2021204471  
**(21)** 2021204471 **(22)** 29.06.2021  
**(54)** Optical correction  
**(51)** Int. Cl.  
**A61K 31/138** ( 2006.01 )  
**A61K 31/385** ( 2006.01 )  
**A61K 31/4168** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/498** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2018282415  
**(72)** SHARMA, Anant  
**(74)** Spruson & Ferguson

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 (11) AU-A-2021204606  
 (21) 2021204606 (22) 01.07.2021  
 (54) LONG ACTING MULTI-SPECIFIC MOLECULES AND RELATED METHODS  
 (51) Int. Cl.  
 A61K 47/00 ( 2006.01 )  
 A61K 47/10 ( 2017.01 )  
 A61K 47/36 ( 2006.01 )  
 A61K 47/68 ( 2017.01 )  
 (43) 29.07.2021  
 (62) 2017346401  
 (72) Liu, Shu-Min; Wu, Dechun  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Skyfold Inc.  
 (11) AU-A-2021200181  
 (21) 2021200181 (22) 13.01.2021  
 (54) Telescoping wall  
 (51) Int. Cl.  
 E04B 2/82 ( 2006.01 )  
 E04B 2/74 ( 2006.01 )  
 E05D 15/16 ( 2006.01 )  
 E06B 3/44 ( 2006.01 )  
 E06B 9/06 ( 2006.01 )  
 (31) 62/960,354 (32) 13.01.20 (33) US  
 (43) 29.07.2021  
 (72) MCDONALD, Mark  
 (74) FB Rice Pty Ltd

(71) Stryker Corporation  
 (11) AU-A-2021204610  
 (21) 2021204610 (22) 01.07.2021  
 (54) Patient support usable with bariatric patients  
 (51) Int. Cl.  
 A61G 7/05 ( 2006.01 )  
 A61G 7/002 ( 2006.01 )  
 A61G 7/018 ( 2006.01 )  
 A61G 7/065 ( 2006.01 )  
 A61G 7/075 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019204948  
 (72) Roussy, Richard Brian; Connell, Jason John; Elku, Joseph Steven David; Cerny, Jason James; George, Christopher Alan; Roussy, Joseph William; Jacob, Christopher Scott; Yusuf, Aleem  
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation  
 (11) AU-A-2021204662  
 (21) 2021204662 (22) 02.07.2021  
 (54) Bone mill  
 (51) Int. Cl.  
 A61B 17/16 ( 2006.01 )  
 A61F 2/46 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019202517  
 (72) Kalinka, Gary T.; Burmeister, Richard F.; Peterson, Michael J.; Sy, Ben J.; Diehl, Eric K.  
 (74) Davies Collison Cave Pty Ltd

(71) Stryker European Holdings I, LLC  
 (11) AU-A-2021204590

(21) 2021204590 (22) 30.06.2021  
 (54) Surgical instrument with ultrasonic tip for fibrous tissue removal  
 (51) Int. Cl.  
 A61B 17/32 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2016280071  
 (72) Heavey, Cathal  
 (74) Davies Collison Cave Pty Ltd

(71) Sunhouse Technologies, Inc.  
 (11) AU-A-2021205035  
 (21) 2021205035 (22) 14.07.2021  
 (54) Systems and methods for capturing and interpreting audio  
 (51) Int. Cl.  
 G01H 11/08 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2015320353  
 (72) Esparza, Tlacaeelel Miguel  
 (74) Gestalt Law Pty Ltd

(71) Suntory Holdings Limited  
 (11) AU-A-2021204645  
 (21) 2021204645 (22) 02.07.2021  
 (54) Carbonated beverage, syrup used for preparing carbonated beverage, method for manufacturing carbonated beverage, and method for suppressing foaming in carbonated beverage  
 (51) Int. Cl.  
 A23L 2/00 ( 2006.01 )  
 A23L 2/60 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019219718  
 (72) URAI, Soichiro; IZUMI, Akiko; NAGAO, Koji  
 (74) Davies Collison Cave Pty Ltd

(71) Surfacide, LLC  
 (11) AU-A-2021204510  
 (21) 2021204510 (22) 30.06.2021  
 (54) HARD SURFACE DISINFECTION SYSTEM AND METHOD  
 (51) Int. Cl.  
 A61L 2/10 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2020294165  
 (72) Garner, Michael Scott; Smigelski, Thomas; Escolin, Timothy Mathew G.; Lyslo, Waldemar John  
 (74) Phillips Ormonde Fitzpatrick

(71) Synexis LLC  
 (11) AU-A-2021202418  
 (21) 2021202418 (22) 21.04.2021  
 (54) Methods of use of purified hydrogen peroxide gas in agricultural production, transport, and storage  
 (51) Int. Cl.  
 A01G 7/06 ( 2006.01 )  
 A01N 3/02 ( 2006.01 )  
 A01N 59/00 ( 2006.01 )  
 A23B 7/14 ( 2006.01 )  
 A23B 7/144 ( 2006.01 )  
 A23B 7/152 ( 2006.01 )  
 A23L 3/34 ( 2006.01 )

(43) 29.07.2021  
 (62) 2016256431  
 (72) LEE, James D.; BOSMA, Douglas J.  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Syqe Medical Ltd.  
 (11) AU-A-2021204703  
 (21) 2021204703 (22) 05.07.2021  
 (54) FLOW REGULATING INHALER DEVICE  
 (51) Int. Cl.  
 A61M 15/00 ( 2006.01 )  
 A61M 16/20 ( 2006.01 )  
 A24F 47/00 ( 2020.01 )  
 A61M 11/04 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2019229369  
 (72) DAVIDSON, Perry; SCHORR, Aaron; SCHWARTZ, Binyamin  
 (74) Golja Haines & Friend

(71) Tableau Software, LLC  
 (11) AU-A-2021204448  
 (21) 2021204448 (22) 29.06.2021  
 (54) Systems and methods of applying pragmatics principles for interaction with visual analytics  
 (51) Int. Cl.  
 G06F 40/30 ( 2020.01 )  
 (43) 29.07.2021  
 (62) 2020230301  
 (72) SETLUR, Vidya R.; BATTERSBY, Sarah E.; TORY, Melanie K.; GOSS-WEILER III, Richard C.; CHANG, Angel Xuan; DYKEMAN, Isaac J.; PRINCE, Enamul Hoque  
 (74) FPA Patent Attorneys Pty Ltd

(71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-A-2021204447  
 (21) 2021204447 (22) 29.06.2021  
 (54) Interference measurements and channel state information feedback for multi-user multiple-in multiple-out  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 H04B 7/0452 ( 2017.01 )  
 H04B 7/06 ( 2006.01 )  
 H04L 25/02 ( 2006.01 )  
 (43) 29.07.2021  
 (62) 2018262536  
 (72) Gao, Shiwei; Faxér, Sebastian; Frenne, Mattias; Grant, Stephen; Harrison, Robert Mark; Muruganathan, Siva  
 (74) AJ PARK

(71) The Board of Trustees of the Leland Stanford Junior University  
 (11) AU-A-2021204595  
 (21) 2021204595 (22) 01.07.2021  
 (54) Macrophages eat cancer cells using their own calreticulin as a guide  
 (51) Int. Cl.  
 A61P 35/00 ( 2006.01 )  
 A61K 31/33 ( 2006.01 )  
 A61K 31/70 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )



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**(43)** 29.07.2021  
**(62)** 20162209268  
**(72)** Weissman, Irving L.; Feng, Mingye; Volkmer, Jens-Peter  
**(74)** FB Rice Pty Ltd
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- (71)** The Boeing Company  
**(11)** AU-A-2020294162  
**(21)** 2020294162 **(22)** 21.12.2020  
**(54)** Lightning damage resistant one sided installation  
**(51)** Int. Cl.  
**F16B 43/00** ( 2006.01 )  
**F16B 23/00** ( 2006.01 )  
**F16B 33/00** ( 2006.01 )  
**(31)** 16/741,363 **(32)** 13.01.20 **(33)** US  
**(43)** 29.07.2021  
**(72)** KHOSRAVANI, Shahriar  
**(74)** Spruson & Ferguson
- 
- (71)** The Boeing Company  
**(11)** AU-A-2021200036  
**(21)** 2021200036 **(22)** 05.01.2021  
**(54)** System and method for encrypted resonant inductive power transfer  
**(51)** Int. Cl.  
**H02J 50/12** ( 2016.01 )  
**H01F 38/14** ( 2006.01 )  
**H02J 5/00** ( 2016.01 )  
**H02J 50/80** ( 2016.01 )  
**H04B 5/00** ( 2006.01 )  
**(31)** 16/739,160 **(32)** 10.01.20 **(33)** US  
**(43)** 29.07.2021  
**(72)** TILLOTSON, Brian J.  
**(74)** Spruson & Ferguson
- 
- (71)** The Broad Institute, Inc.; Massachusetts Institute of Technology  
**(11)** AU-A-2021204395  
**(21)** 2021204395 **(22)** 28.06.2021  
**(54)** Delivery, use and therapeutic applications of the CRISPR-Cas systems and compositions for genome editing  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2014361781  
**(72)** Cong, Le; Cox, David Benjamin Turitz; Heidenreich, Matthias; Platt, Randall Jeffrey; Swiech, Lukasz; Zhang, Feng  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** The Regents of the University of California  
**(11)** AU-A-2021204261  
**(21)** 2021204261 **(22)** 23.06.2021  
**(54)** 5HT AGONISTS FOR TREATING DISORDERS  
**(51)** Int. Cl.  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )
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- (43)** 29.07.2021  
**(62)** 2016222804  
**(72)** Baraban, Scott C.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** The Scripps Research Institute  
**(11)** AU-A-2021204635  
**(21)** 2021204635 **(22)** 01.07.2021  
**(54)** Stem cell cultures  
**(51)** Int. Cl.  
**C07D 513/02** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019210531  
**(72)** XU, Yue; DING, Sheng  
**(74)** Spruson & Ferguson
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- (71)** The Trustees of the University of Pennsylvania  
**(11)** AU-A-2021204612  
**(21)** 2021204612 **(22)** 01.07.2021  
**(54)** Improved vaccines and methods for using the same  
**(51)** Int. Cl.  
**C07H 21/04** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019229397  
**(72)** Weiner, David B.; Yan, Jian; Laddy, Dominick  
**(74)** FB Rice Pty Ltd
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- (71)** The Trustees of the University of Pennsylvania  
**(11)** AU-A-2021204630  
**(21)** 2021204630 **(22)** 01.07.2021  
**(54)** Compositions comprising AAV expressing dual antibody constructs and uses thereof  
**(51)** Int. Cl.  
**A61P 31/12** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015259188  
**(72)** Wilson, James M.; Tretiakova, Anna  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** TRACTO-TECHNIK GmbH & Co. KG  
**(11)** AU-A-2021204394  
**(21)** 2021204394 **(22)** 10.06.2021  
**(54)** LOCATING A DRILL HEAD OF A GROUND DRILLING DEVICE  
**(51)** Int. Cl.  
**E21B 47/09** ( 2012.01 )  
**B64C 39/02** ( 2006.01 )  
**E21B 47/022** ( 2012.01 )  
**E21B 47/12** ( 2012.01 )  
**G01V 3/26** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2017381932  
**(72)** Fischer, Sebastian  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Translate Bio, Inc.  
**(11)** AU-A-2021204521  
**(21)** 2021204521 **(22)** 30.06.2021
- 
- (54)** METHODS FOR PURIFICATION OF MESSENGER RNA  
**(51)** Int. Cl.  
**C12N 1/08** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2015249312  
**(72)** DeRosa, Frank; Heartlein, Michael; Dias, Anusha; Karve, Shrirang  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Translate Bio, Inc.  
**(11)** AU-A-2021204597  
**(21)** 2021204597 **(22)** 01.07.2021  
**(54)** LIPID NANOPARTICLE COMPOSITIONS AND METHODS FOR MRNA DELIVERY  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**A61K 31/131** ( 2006.01 )  
**A61K 31/132** ( 2006.01 )  
**A61K 31/215** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/43** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019201924  
**(72)** DeRosa, Frank; Heartlein, Michael W.; Guild, Braydon Charles  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Turk, K.  
**(11)** AU-A-2020200226  
**(21)** 2020200226 **(22)** 12.01.2020  
**(54)** Breast Feeding and Breast Cancer Hospital Gown. Gown has a double flower emblem printed. Two drop down sides connected with Velcro enable; a mother to drop one side of gown to breastfeed her child, Medical Personnel to access affected breast/treated area without gown removal. Manufactured in 3 sizes with 2 size range options each. Made of natural cotton with a pink undergarment. Pink, yellow, purple, natural cotton to be used. Modest long hemline with open side hem enabling in and out of hospital bed. Ballovac Bag for discharge post-surgery. Both sleeves to elbow, open cut enabling access.  
**(51)** Int. Cl.  
**A41D 13/12** ( 2006.01 )  
**A41D 1/215** ( 2018.01 )  
**(43)** 29.07.2021  
**(72)** Turk, Katherine  
**(74)** Katherine Turk
- 
- (71)** TuSimple, Inc.  
**(11)** AU-A-2020270484  
**(21)** 2020270484 **(22)** 17.11.2020  
**(54)** System-level malfunction indicator in autonomous vehicles  
**(51)** Int. Cl.  
**G07C 5/08** ( 2006.01 )  
**(31)** 16/727,829 **(32)** 26.12.19 **(33)** US

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 (72) HAN, Xiaoling; HSU, Yu-ju  
 (74) FB Rice Pty Ltd

(71) Universität Hamburg  
 (11) AU-A-2021204467  
 (21) 2021204467 (22) 29.06.2021  
 (54) Methods for the Production of Rhamnosylated Flavonoids  
 (51) Int. Cl.  
 C12P 19/18 ( 2006.01 )  
 C12P 13/06 ( 2006.01 )

(43) 29.07.2021  
 (62) 2017207875  
 (72) RABAUSCH, Ulrich; ROSENFELD, Henning; ILMBERGER, Nele; PLAMBECK, Tanja; RUPRECHT, Constantin; BÖNISCH, Friederike  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) University of Central Florida Research Foundation, Inc.  
 (11) AU-A-2021204560  
 (21) 2021204560 (22) 30.06.2021  
 (54) Methods and compositions comprising a CT20 peptide  
 (51) Int. Cl.  
 G01N 33/53 ( 2006.01 )  
 A61K 38/10 ( 2006.01 )  
 A61K 38/16 ( 2006.01 )  
 G01N 33/574 ( 2006.01 )

(43) 29.07.2021  
 (62) 2015290058  
 (72) Khaled, Annette; Perez, Jesus Manuel; Bassiouni, Rania  
 (74) FPA Patent Attorneys Pty Ltd

(71) Valentin, B.  
 (11) AU-A-2020200305  
 (21) 2020200305 (22) 15.01.2020  
 (54) Kick stand system and method  
 (51) Int. Cl.  
 A47J 43/07 ( 2006.01 )  
 A47J 43/046 ( 2006.01 )  
 A47J 47/16 ( 2006.01 )  
 A47L 19/00 ( 2006.01 )  
 B65G 65/23 ( 2006.01 )

(43) 29.07.2021  
 (72) Valentin, Bryan  
 (74) Australian Patent and Trademark Services

(71) VELOX-PUREDIGITAL LTD.  
 (11) AU-A-2021204654  
 (21) 2021204654 (22) 02.07.2021  
 (54) PRINTING FORMULATIONS AND METHODS  
 (51) Int. Cl.  
 C09D 11/00 ( 2014.01 )

(43) 29.07.2021  
 (62) 2017223365  
 (72) COFLER, Marian; COFLER, Adrian; YASEEN, Hanady; AYLEEN, Shai; GAL, Ido  
 (74) Collison & Co

(71) Ventana Medical Systems, Inc.  
 (11) AU-A-2021204462  
 (21) 2021204462 (22) 29.06.2021  
 (54) Inkjet deposition of reagents for histological samples  
 (51) Int. Cl.  
 G01N 1/31 ( 2006.01 )  
 G01N 1/30 ( 2006.01 )  
 G01N 35/10 ( 2006.01 )

(43) 29.07.2021  
 (62) 2016251232  
 (72) POLASKE, Mindy; KOZIKOWSKI, Raymond; KLEIN, Eric; PALUSZCYK, Chana; GROLL, Henning; THAKUR, Raviraj; HAZAR, Melis  
 (74) Spruson & Ferguson

(71) Vercoe, A.  
 (11) AU-A-2020200235  
 (21) 2020200235 (22) 13.01.2020  
 (54) AN IMPROVED WORK TABLE AND CABINET  
 (51) Int. Cl.  
 B25H 1/14 ( 2006.01 )  
 A47B 9/04 ( 2006.01 )  
 A47B 11/00 ( 2006.01 )  
 A47B 13/02 ( 2006.01 )  
 A47B 13/10 ( 2006.01 )  
 A47B 55/00 ( 2006.01 )  
 A47B 57/00 ( 2006.01 )  
 A47B 81/00 ( 2006.01 )  
 A47B 83/04 ( 2006.01 )  
 B25H 3/00 ( 2006.01 )

(43) 29.07.2021  
 (72) Vercoe, Anthony  
 (74) Halfords IP

(71) VOYAGER THERAPEUTICS, INC.  
 (11) AU-A-2021204620  
 (21) 2021204620 (22) 01.07.2021  
 (54) Central nervous system targeting polynucleotides  
 (51) Int. Cl.  
 C07K 14/005 ( 2006.01 )  
 A61K 31/7088 ( 2006.01 )

(43) 29.07.2021  
 (62) 2016206478  
 (72) STEWART, Gregory Robert; SAH, Dinah Wen-Yee; HOU, Jinzhao; KELLS, Adrian Philip; GOULET, Martin; RAMAMOORTHY, Kartik; ZHOU, Pengcheng; SHU, Yanqun  
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2021204634  
 (21) 2021204634 (22) 01.07.2021  
 (54) Prosthetic valves with mechanically coupled leaflets  
 (51) Int. Cl.  
 A61F 2/24 ( 2006.01 )

(43) 29.07.2021  
 (62) 2018342223  
 (72) DIENNO, Dustin V.; HARTMAN, Cody L.; TITONE, Ryan S.; ARCARO, David J.; MANYGOATS Jr., Roy  
 (74) Griffith Hack

(71) Wayne State University; Qurgen, Inc.  
 (11) AU-A-2021204485  
 (21) 2021204485 (22) 29.06.2021  
 (54) Methods, systems and compositions relating to cell conversion via protein induced in-vivo cell reprogramming  
 (51) Int. Cl.  
 A61K 38/18 ( 2006.01 )  
 A61K 31/745 ( 2006.01 )  
 A61K 45/08 ( 2006.01 )  
 A61P 1/16 ( 2006.01 )  
 A61P 1/18 ( 2006.01 )  
 A61P 3/04 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 A61P 21/00 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C12N 5/071 ( 2010.01 )

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 (62) 2019204630  
 (72) WANG, Jianjun; LI, Qianqian; CHOPP, Michael; JIANG, Feng; WU, Guojun  
 (74) Spruson & Ferguson

(71) Webber, A.  
 (11) AU-A-2020200243  
 (21) 2020200243 (22) 13.01.2020  
 (54) Gravity assisted sliding door rail. Whereas previously designed unpowered sliding door mechanisms do not ensure snug or complete closure of the door leaf against the frame, the gravity assisted sliding door rail uses gravity to ensure such closure.  
 (51) Int. Cl.  
 E05F 1/04 ( 2006.01 )  
 E05D 15/06 ( 2006.01 )

(43) 29.07.2021  
 (72) Webber, Adam  
 (74) Adam Webber

(71) Werner Co.  
 (11) AU-A-2021204617  
 (21) 2021204617 (22) 01.07.2021  
 (54) Composite Rung for a Ladder and Method  
 (51) Int. Cl.  
 E06C 7/08 ( 2006.01 )

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 (72) Mora, Daniel  
 (74) BOSH IP Pty Ltd

(71) Woodside Energy Technologies Pty Ltd  
 (11) AU-A-2020227025  
 (21) 2020227025 (22) 01.09.2020  
 (54) AN ASSET MANAGEMENT SYSTEM  
 (51) Int. Cl.  
 G06F 16/904 ( 2019.01 )  
 B25J 9/16 ( 2006.01 )  
 G05B 19/042 ( 2006.01 )  
 G05B 19/418 ( 2006.01 )  
 G06F 16/54 ( 2019.01 )  
 G06F 16/587 ( 2019.01 )  
 G06F 16/954 ( 2019.01 )  
 G06Q 10/00 ( 2012.01 )  
 G06T 17/05 ( 2011.01 )  
 G06T 19/00 ( 2011.01 )

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**(43)** 29.07.2021  
**(62)** PCT/AU2020/050341  
**(72)** WILKINSON, Benjamin; BIRK-BECK, Brett; TRIPODI, Ryan Luke; GREGORY, Shaun Martin  
**(74)** Griffith Hack

- (43)** 29.07.2021  
**(62)** 2018223401  
**(72)** ZHANG, Guangyan; LUO, Shengmei; DU, Tao; YANG, Hongzhang  
**(74)** WRAYS PTY LTD

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- (71)** Wuhan Neurophth Biotechnology Limited Company  
**(11)** AU-A-2021204690  
**(21)** 2021204690 **(22)** 05.07.2021  
**(54)** Compositions and methods for treating Leber's hereditary optic neuropathy  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(43)** 29.07.2021  
**(62)** 2019296451  
**(72)** Li, Bin  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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- (71)** Yoo's Biopharm Inc.  
**(11)** AU-A-2021204660  
**(21)** 2021204660 **(22)** 02.07.2021  
**(54)** COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF VISUAL IMPAIRMENTS COMPRISING URSODEOXYCHOLIC ACID  
**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/718** ( 2006.01 )  
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**(43)** 29.07.2021  
**(62)** 2020204384  
**(72)** Song, Yeong Ho; Ko, Hwi Jin  
**(74)** Phillips Ormonde Fitzpatrick

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- (71)** Yueqing Zhishun Electric Co., Ltd.  
**(11)** AU-A-2021200163  
**(21)** 2021200163 **(22)** 13.01.2021  
**(54)** A MULTIFUNCTIONAL CIRCUIT BREAKER  
**(51)** Int. Cl.  
**H01H 33/26** ( 2006.01 )  
**H01H 33/02** ( 2006.01 )  
**(31)** 202020089066.3 **(32)** 15.01.20 **(33)** CN  
**(43)** 29.07.2021  
**(72)** LI, Wenjie; LI, Wenjun; LI, Wenwei  
**(74)** Lord & Company

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- (71)** ZTE Corporation  
**(11)** AU-A-2021204579  
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**(54)** Method For Processing Snapshots And Distributed Block Storage System  
**(51)** Int. Cl.  
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<b><u>G08B 21 /-</u></b> 2020256303	<b><u>H04L 25 /-</u></b> 2021204447
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<b><u>G08C 17 /-</u></b> 2020227025	<b><u>H04N 21 /-</u></b> 2021204449
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. (\*) 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.)

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**(21)** 2021102416

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**(11)** AU-A-2021103068  
**(21)** 2021103068 **(22)** 03.06.2021  
**(54)** Medical supporting device  
**(51)** Int. Cl.  
**A61H 3/00** ( 2006.01 )  
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**(54)** Support Device for Nursing Bandaging  
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**A61G 1/02** ( 2006.01 )  
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**(21)** 2021103105 **(22)** 04.06.2021  
**(54)** Turning over auxiliary bed for medical care  
**(51)** Int. Cl.  
**A61G 7/00** ( 2006.01 )  
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**A61G 7/015** ( 2006.01 )  
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**(54)** Medical dressing trolley capable of moving limbs  
**(51)** Int. Cl.  
**A61G 12/00** ( 2006.01 )  
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**(54)** Medical care bedpan convenient for sampling  
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**A61G 9/00** ( 2006.01 )  
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**(54)** Nursing tray  
**(51)** Int. Cl.  
**A61J 7/00** ( 2006.01 )  
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**(72)** Huang, Cuimai; Wang, Jianyuan; Li, Yanfei; Liang, Liandan; He, Yinlian  
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**(54)** MASSAGE MACHINE WITH LIMB MASSAGE MECHANISM AND WORKING METHOD OF LIMB MASSAGE MECHANISM  
**(51)** Int. Cl.  
**A61H 15/00** ( 2006.01 )  
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**(45)** 29.07.2021  
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**(54)** MASSAGE MECHANISM AND MASSAGE CONTROL DEVICE THEREOF, MASSAGE MACHINE AND WORKING METHOD OF MASSAGE MECHANISM  
**(51)** Int. Cl.  
**A61H 15/00** ( 2006.01 )  
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**(54)** MASSAGE MECHANISM AND MASSAGE CONTROL DEVICE THEREOF, AND MASSAGE MACHINE  
**(51)** Int. Cl.  
**A61H 15/00** ( 2006.01 )  
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**A61H 39/04** ( 2006.01 )  
**A63B 23/025** ( 2006.01 )  
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**(11)** AU-A-2021103166  
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**(54)** EASY-TO-COOK AND EASY-TO-BREW NOODLE STRUCTURE  
**(51)** Int. Cl.  
**A23L 7/113** ( 2016.01 )  
**A23P 30/20** ( 2016.01 )  
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**(45)** 29.07.2021  
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**(51)** Int. Cl.  
**G06Q 50/34** ( 2012.01 )  
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**F16L 25/14** ( 2006.01 )  
**F16L 19/028** ( 2006.01 )  
**F16L 19/04** ( 2006.01 )  
**F16L 19/065** ( 2006.01 )  
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**(72)** Morris, Peter John  
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(54) Air Conditioning Load Forecasting Method Based on Artificial Intelligence  
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*H02J 3/00* ( 2006.01 )  
*G05B 13/04* ( 2006.01 )  
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*G05B 17/02* ( 2006.01 )  
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*G06N 3/02* ( 2006.01 )  
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(21) 2021103351 (22) 15.06.2021  
(54) METHOD AND DEVICE FOR SYNCHRONIZING TOPOLOGICAL INFORMATION OF LOW-ORBIT SATELLITE NETWORK  
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(51) Int. Cl.  
*A61K 35/20* ( 2006.01 )  
*A23C 1/08* ( 2006.01 )  
*A23C 9/18* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
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- (71) Buttriss, J.  
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(51) Int. Cl.  
*G06K 19/067* ( 2006.01 )  
*G06K 19/07* ( 2006.01 )  
*G06K 19/08* ( 2006.01 )  
*G06Q 20/34* ( 2012.01 )  
*G07F 7/08* ( 2006.01 )  
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(72) Buttriss, Jeremy  
(74) Patentec Patent Attorneys
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*G01N 23/046* ( 2018.01 )  
*G06K 9/00* ( 2006.01 )  
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*G06T 7/00* ( 2017.01 )  
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*B03D 1/002* ( 2006.01 )  
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*C09K 17/40* ( 2006.01 )  
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(51) Int. Cl.  
*E04G 15/06* ( 2006.01 )  
*E04G 9/10* ( 2006.01 )

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**(74)** MOHAN MURALI KODIVEL
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**(51)** Int. Cl.  
**B61F 19/06** ( 2006.01 )  
**B61D 11/02** ( 2006.01 )  
**E01H 8/00** ( 2006.01 )  
**E21D 9/12** ( 2006.01 )  
**E21F 13/00** ( 2006.01 )  
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**(74)** MOHAN MURALI KODIVEL
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- (71)** CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; China Railway 18th Bureau Group Construction and Installation Engineering Co. Ltd  
**(11)** AU-A-2021102633  
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**(54)** METHOD FOR CARRYING OBJECTS BY GIRDER CRANE LIFTING DEVICE ARRANGED IN LIGHT WELL  
**(51)** Int. Cl.  
**B66C 6/00** ( 2006.01 )  
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**E04B 1/24** ( 2006.01 )  
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**(51)** Int. Cl.  
**E01C 23/03** ( 2006.01 )  
**B28B 11/24** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Li, Jing; Guo, Ziran; Zhang, Xiangping  
**(74)** Intellepro
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**(21)** 2021102893
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**(21)** 2021102633
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**(21)** 2021102639
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- (71)** China Railway No.3 Engineering Group Co., Ltd.; China Railway No. 3 Engineering Group Sixth Engineering Co., Ltd.  
**(11)** AU-A-2021102925  
**(21)** 2021102925 **(22)** 28.05.2021  
**(54)** DEVICE FOR ACCELERATING CONSTRUCTION OF SOIL CUTTING SLOPE ANCHOR ROD  
**(51)** Int. Cl.  
**E02D 17/20** ( 2006.01 )  
**E21B 7/02** ( 2006.01 )  
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**(45)** 29.07.2021  
**(72)** Cai, Jingliang; Liu, Xuezhong; Wang, Gang; Zhou, Peng; Li, Bin; Zhang, Weiqi; Wang, Hangzhou; Yuan, Xiaohong  
**(74)** Madders Pty Ltd
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**(21)** 2021102925
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- (71)** ChongQing Academy of Animal Sciences  
**(11)** AU-A-2021103101  
**(21)** 2021103101 **(22)** 04.06.2021  
**(54)** DRONE BREEDING DEVICE  
**(51)** Int. Cl.  
**A01K 47/06** ( 2006.01 )  
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**(72)** Wang, Ruisheng; Huang, Yong; Luo, Wenhua; Yang, Jinlong; Ren, Qin; Ji, Conghui; Gao, Lijiao; Liu, Jialin; Cao, Lan  
**(74)** Madders Pty Ltd
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- (71)** ChongQing Academy of Animal Sciences  
**(11)** AU-A-2021103107  
**(21)** 2021103107 **(22)** 04.06.2021  
**(54)** BOTTOM PLATE DEVICE FOR BEEHIVES  
**(51)** Int. Cl.  
**A01K 47/06** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Ji, Conghui; Huang, Yong; Luo, Wenhua; Yang, Jinlong; Wang, Ruisheng; Ren, Qin; Gao, Lijiao; Liu, Jialin; Cao, Lan  
**(74)** Madders Pty Ltd
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- (71)** Chongqing Electric Power College; Hanlanlvodian Solid Waste Treatment (Foshan) Co., Ltd.  
**(11)** AU-A-2021103064  
**(21)** 2021103064 **(22)** 03.06.2021  
**(54)** SUPPORTING WHEEL DEVICE FOR CHAIN GRATE FURNACE  
**(51)** Int. Cl.  
**F23H 11/24** ( 2006.01 )  
**F23H 11/00** ( 2006.01 )  
**F23H 11/18** ( 2006.01 )  
**(31)** 202011022325.1 **(32)** 25.09.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** CHEN, Shaomin; GUO, Guangzhao; XIANG, Peng; CHENG, Dingshan; ZENG, Xiaoyi; HUANG, Dan; QIU, Zhichao; XIE, Deyong; WANG, Kangning; HU, Yaowen; TAN, Longwei; JIANG, Jintao  
**(74)** Burns IP & Commercial Pty Ltd
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- (71)** Chongqing Normal University  
**(11)** AU-A-2021103153  
**(21)** 2021103153 **(22)** 07.06.2021  
**(54)** Experimental Device and Experimental Method for Efficacy of Indoor Space Insect Repellent  
**(51)** Int. Cl.  
**A01M 29/12** ( 2011.01 )  
**A01M 1/02** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Yan, Zhentian; Chen, Bin; Luo, Deyue  
**(74)** Alder IP Pty Ltd
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- (71)** Chongqing Sinstar Packaging Machinery Co., Ltd.  
**(11)** AU-A-2021102529  
**(21)** 2021102529 **(22)** 12.05.2021  
**(54)** Picture and text length on a substrate lamination control method of and apparatus thereof  
**(51)** Int. Cl.  
**B32B 37/00** ( 2006.01 )

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(71) Chongqing Technology and Business University; Chongqing Technology and Business University Technology Development Co., Ltd  
 (11) AU-A-2021103205  
 (21) 2021103205 (22) 08.06.2021  
 (54) A Supported Mesoporous Palladium Catalyst Used For Catalytic Removal Of Low Concentration Of Benzene At Normal Pressure And Its Preparation Method  
 (51) Int. Cl.  
*B01J 23/44* ( 2006.01 )  
*B01J 21/08* ( 2006.01 )  
*B01J 35/10* ( 2006.01 )  
*B01J 37/02* ( 2006.01 )  
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*B01J 37/18* ( 2006.01 )

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 (72) ZHANG, Xianming; ZHOU, Guilin; JIAO, Zhaojie; XIE, Hongmei; ZHAO, Yue; LAN, Mengna; ZHAI, Xuejiao  
 (74) WRAYS PTY LTD

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 (21) 2021103205

**Choudhary, R.P. see Kumar N S, H.**  
 (21) 2021102416

(71) Cripps Clark, J.  
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 (21) 2021103255 (22) 10.06.2021  
 (54) Disclosed are systems of devices, architectures and incentive-based methods for co-operatively building larger bodies of data that can be reliably used to discover new and faster correlations diagnosing disease (using AI techniques) and devising efficient responses to health issues (in order to prevent disease, prevent or minimise condition decline, improve performance of environments and/or prevent safety incidents).  
 (51) Int. Cl.  
*G16H 10/00* ( 2018.01 )  
*G06Q 50/26* ( 2012.01 )  
*G16H 50/70* ( 2018.01 )  
*G16H 50/80* ( 2018.01 )  
*G16Y 10/60* ( 2020.01 )  
 (31) 2020902071 (32) 22.06.20 (33) AU  
 (45) 29.07.2021  
 (72) Cripps Clark, Julianne Mary  
 (74) Julianne Mary Cripps Clark

**D., L. see T., S.**  
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(71) Dalian Maritime University  
 (11) AU-A-2021103266  
 (21) 2021103266 (22) 10.06.2021  
 (54) A Marine Ecological Environment Monitoring System  
 (51) Int. Cl.  
*G01D 21/02* ( 2006.01 )  
*B63B 22/20* ( 2006.01 )  
*G01W 1/02* ( 2006.01 )  
*G01W 1/14* ( 2006.01 )  
*B63B 22/00* ( 2006.01 )  
 (45) 29.07.2021  
 (72) YOU, Zaijin; SHI, Hongyuan; WANG, Zhaowei; LI, Yongqing  
 (74) WRAYS PTY LTD

(71) Dalian Maritime University  
 (11) AU-A-2021103267  
 (21) 2021103267 (22) 10.06.2021  
 (54) A Measuring Device For Ocean Wave Energy  
 (51) Int. Cl.  
*G01M 10/00* ( 2006.01 )  
*B63B 22/04* ( 2006.01 )  
*B63B 22/18* ( 2006.01 )  
*B63B 22/00* ( 2006.01 )  
*F03B 13/16* ( 2006.01 )  
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 (72) YOU, Zaijin; SHI, Hongyuan; WANG, Zhaowei; LI, Yongqing  
 (74) WRAYS PTY LTD

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 (21) 2021103226

**Das, S.K. see Hui, P.K.**  
 (21) 2021103279

**Dash, M. see Muduli, K.**  
 (21) 2021103226

(71) Datta Meghe Institute of Medical Sciences(DU); Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Ravi Nair Physiotherapy college; Qureshi, I.; Khedkar, S.S.; Fulzele, P.  
 (11) AU-A-2021103076  
 (21) 2021103076 (22) 03.06.2021  
 (54) AN APPARATUS FOR STRETCHING HAMSTRING MUSCLES  
 (51) Int. Cl.  
*A63B 21/00* ( 2006.01 )  
*A61H 1/02* ( 2006.01 )  
*A63B 23/035* ( 2006.01 )  
*A63H 23/04* ( 2006.01 )  
*A63B 23/04* ( 2006.01 )  
 (45) 29.07.2021  
 (72) Qureshi, Irshad; Khedkar, Sandip Sudhakar; Fulzele, Punith; Prajapati, Rahul; Chaudhari, Shubham  
 (74) Datta Meghe Institute of Medical Sciences(DU)

**Dutta, D. see Hui, P.K.**  
 (21) 2021103279

(71) East China University of Technology  
 (11) AU-A-2021103265  
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 (54) A Device For Sequential Soft Ionization Of Miscellaneous Samples  
 (51) Int. Cl.  
*G01N 27/416* ( 2006.01 )  
*G01N 27/623* ( 2021.01 )  
 (45) 29.07.2021  
 (72) XU, Jiaquan; LIU, Kun; CHEN, Ruirong; JIE, Feifan; CHEN, Huanwen  
 (74) WRAYS PTY LTD

(71) Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center, Shandong Academy of Sciences)  
 (11) AU-A-2021103099  
 (21) 2021103099 (22) 04.06.2021  
 (54) METHOD FOR PREPARING COMPOSITE MAGNETIC ADSORPTION MATERIAL AND APPLICATIONS THEREOF  
 (51) Int. Cl.  
*B01J 20/30* ( 2006.01 )  
*B01J 20/02* ( 2006.01 )  
*B01J 20/20* ( 2006.01 )  
*B01J 20/28* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
*C02F 1/28* ( 2006.01 )  
*C02F 11/10* ( 2006.01 )  
*C02F 101/20* ( 2006.01 )  
 (45) 29.07.2021  
 (72) Zheng, Liwen; Gao, Yongchao; Zhang, Wen; Wang, Leilei; Zhao, Qingqing; Ji, Lei; Chen, Guanhong; Wang, Jianing  
 (74) Madderns Pty Ltd

(71) eiChat Pty Ltd  
 (11) AU-A-2019101805  
 (21) 2019101805 (22) 09.10.2019  
 (54) Method and system for providing chatbots within instant messaging applications  
 (51) Int. Cl.  
*G06N 3/00* ( 2006.01 )  
*G06F 40/20* ( 2020.01 )  
*G06F 40/30* ( 2020.01 )  
*G06F 40/56* ( 2020.01 )  
*G06N 5/02* ( 2006.01 )  
*H04L 12/18* ( 2006.01 )  
*H04L 12/58* ( 2006.01 )  
*H04M 1/7243* ( 2021.01 )  
 (31) 2018903809 (32) 09.10.18 (33) AU  
 (45) 29.07.2021  
 (72) HUILGOL, Ravi  
 (74) K&L Gates

(71) Fitbeat Australia Pty Ltd  
 (11) AU-A-2021103236  
 (21) 2021103236 (22) 09.06.2021  
 (54) EXERCISE BAND  
 (51) Int. Cl.

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**A63B 21/00** ( 2006.01 )  
**A63B 21/02** ( 2006.01 )  
**A63B 21/068** ( 2006.01 )  
**A63B 23/035** ( 2006.01 )  
**A63B 23/04** ( 2006.01 )  
**A63B 23/00** ( 2006.01 )  
**(31)** 2021901679      **(32)** 04.06.21 **(33)** AU  
**(45)** 29.07.2021  
**(72)** Kunitz, Michael Vernon  
**(74)** LEGALVISION ILP PTY. LTD.

**(71)** Fujian Agriculture and Forestry University  
**(11)** AU-A-2021103275  
**(21)** 2021103275      **(22)** 10.06.2021  
**(54)** Method and device for determining the application amount of agricultural fertilizer under the condition of urbanization spatial structure  
**(51)** Int. Cl.  
**A01C 21/00** ( 2006.01 )  
**A01B 79/00** ( 2006.01 )  
**G06Q 50/02** ( 2012.01 )  
**(45)** 29.07.2021  
**(72)** Huang, Dongmei; Zheng, Qingchang  
**(74)** Alder IP Pty Ltd

**Fulzele, P. see Datta Meghe Institute of Medical Sciences(DU)**  
**(21)** 2021103076

**(71)** Fuzhou University  
**(11)** AU-A-2021103253  
**(21)** 2021103253      **(22)** 10.06.2021  
**(54)** Three-dimensional object reconstruction method based on RGB-D camera  
**(51)** Int. Cl.  
**G06T 15/20** ( 2011.01 )  
**G01C 11/02** ( 2006.01 )  
**G06T 17/00** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
**G06T 7/30** ( 2017.01 )  
**H04N 13/00** ( 2018.01 )  
**(45)** 29.07.2021  
**(72)** He, Bingwei; Chen, Fuxing; Zeng, Jinyuan; Li, Zhefan; Xie, Faqin  
**(74)** Alder IP Pty Ltd

**G., L.P. see T., S.**  
**(21)** 2021102319

**(71)** Geobotica Pty Ltd  
**(11)** AU-A-2021103228  
**(21)** 2021103228      **(22)** 09.06.2021  
**(54)** Rock Face Safety Monitoring System  
**(51)** Int. Cl.  
**G01S 13/90** ( 2006.01 )  
**G01S 13/89** ( 2006.01 )  
**G08B 21/18** ( 2006.01 )  
**G01S 7/41** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Campbell, Lachlan  
**(74)** Geobotica Pty Ltd

**Ghosh, A. see Rao, K.**  
**(21)** 2021103020

**Godwin Anand, R.K.P. see Bhupathyraraj, M.**  
**(21)** 2021102883

**(71)** GrainTech Innovation Pty Ltd  
**(11)** AU-A-2021103271  
**(21)** 2021103271      **(22)** 10.06.2021  
**(54)** A CLEANING ARRANGEMENT FOR A COATING APPARATUS  
**(51)** Int. Cl.  
**B08B 9/087** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
**B08B 1/04** ( 2006.01 )  
**(45)** 29.07.2021  
**(62)** 2019277266  
**(72)** Smith, Nicholas Andrew  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Guangdong Hoshion Industrial Aluminium Co., Ltd.  
**(11)** AU-A-2021103056  
**(21)** 2021103056      **(22)** 03.06.2021  
**(54)** Aluminum alloy, and manufacturing process and use thereof  
**(51)** Int. Cl.  
**C22C 21/00** ( 2006.01 )  
**C22C 49/06** ( 2006.01 )  
**C22F 1/04** ( 2006.01 )  
**(31)** 202011493550.3      **(32)** 17.12.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Ding, Xiaoli; Liu, Zhicheng; Luo, Jie; Song, Haihai; Zhou, Wang  
**(74)** Stellar Law Pty Ltd

**(71)** Guangdong Hoshion Industrial Aluminium Co., Ltd.  
**(11)** AU-A-2021103058  
**(21)** 2021103058      **(22)** 03.06.2021  
**(54)** Aluminum alloy, and manufacturing process and use thereof  
**(51)** Int. Cl.  
**C22C 21/08** ( 2006.01 )  
**C22C 49/06** ( 2006.01 )  
**C22F 1/047** ( 2006.01 )  
**(31)** 202011498379.5      **(32)** 17.12.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Ding, Xiaoli; Zhou, Wang; Zhang, Bing  
**(74)** Stellar Law Pty Ltd

**(71)** Guangxi Academy of Agricultural Sciences  
**(11)** AU-A-2021103185  
**(21)** 2021103185      **(22)** 08.06.2021  
**(54)** PRIMER GROUP, REAGENT, KIT AND APPLICATION FOR RAPIDLY DETECTING BACTERIAL WILT DISEASE OF MULBERRY TREES  
**(51)** Int. Cl.  
**C12Q 1/689** ( 2018.01 )  
**(45)** 29.07.2021  
**(72)** ZHANG, Wenlong; XIE, Ling; CEN, Zhenlu; QIN, Liping; XIE, Fei  
**(74)** Remarkable IP

**(71)** Hangyin Consumer Finance Co Ltd  
**(11)** AU-A-2021103087  
**(21)** 2021103087      **(22)** 04.06.2021  
**(54)** Big data testing method and system  
**(51)** Int. Cl.  
**G06F 11/36** ( 2006.01 )  
**G06F 16/20** ( 2019.01 )  
**(31)** CN202110026693.1 **(32)** 09.01.21 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Cao, Yang; Tao, Jiaju; Zhang, Shuai  
**(74)** Yazhu Liu

**(71)** Hangzhou Fudemin Biotechnology Co., Ltd.  
**(11)** AU-A-2021103250  
**(21)** 2021103250      **(22)** 10.06.2021  
**(54)** IMMUNOFLUORESCENT ASSAY TEST STRIP FOR HAZELNUT, USE THEREOF, AND DETECTION METHOD USING SAME  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**G07K 16/16** ( 2006.01 )  
**G01N 33/02** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/533** ( 2006.01 )  
**G01N 33/558** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** WU, Yong; LI, Xin; YUAN, Juanli; MENG, Xuanyi; TONG, Ping  
**(74)** Infinity Intellectual Property Limited

**(71)** Hangzhou Fudemin Biotechnology Co., Ltd.  
**(11)** AU-A-2021103258  
**(21)** 2021103258      **(22)** 10.06.2021  
**(54)** FLUORESCENCE IMMUNOCHROMATOGRAPHY ASSAY (FICA) TEST STRIP FOR FISH, USE THEREOF, AND DETECTION METHOD USING SAME  
**(51)** Int. Cl.  
**G01N 33/558** ( 2006.01 )  
**G07K 16/18** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G01N 33/12** ( 2006.01 )  
**G01N 33/533** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** TONG, Ping; WU, Yong; LI, Xin; YUAN, Juanli; MENG, Xuanyi  
**(74)** Infinity Intellectual Property Limited

**(71)** Hangzhou Fudemin Biotechnology Co., Ltd.  
**(11)** AU-A-2021103259  
**(21)** 2021103259      **(22)** 10.06.2021  
**(54)** FLUORESCENCE IMMUNOCHROMATOGRAPHY ASSAY (FICA) TEST STRIP FOR QUANTITATIVELY DETECTING SOYBEAN ALLERGENS, USE THEREOF, AND DETECTION METHOD USING SAME  
**(51)** Int. Cl.

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**B82Y 15/00** ( 2011.01 )  
**C07K 16/16** ( 2006.01 )  
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**G01N 33/68** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** MENG, Xuanyi; TONG, Ping; WU, Yong; LI, Xin; YUAN, Juanli  
**(74)** Infinity Intellectual Property Limited

**Hanlanlvodian Solid Waste Treatment (Foshan) Co., Ltd. see Chongqing Electric Power College**  
**(21)** 2021103064

**(71)** Harbin Institute of Technology, Shenzhen  
**(11)** AU-A-2021103295  
**(21)** 2021103295 **(22)** 11.06.2021  
**(54)** Simulation method of elastic dynamic model  
**(51)** Int. Cl.  
**G06F 17/11** ( 2006.01 )  
**G01N 3/00** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Lei, Weidong; Zhang, Yiyuan; Qin, Xiaofei; Chen, Rui  
**(74)** Alder IP Pty Ltd

**(71)** Harbin PROSYN Unite Biological Feed Co., Ltd  
**(11)** AU-A-2021103168  
**(21)** 2021103168 **(22)** 07.06.2021  
**(54)** A preparation method of high palatability anionic salt for dairy cattle  
**(51)** Int. Cl.  
**A23K 20/24** ( 2016.01 )  
**A23K 10/12** ( 2016.01 )  
**A23K 20/142** ( 2016.01 )  
**A23K 20/20** ( 2016.01 )  
**A23K 50/15** ( 2016.01 )  
**(45)** 29.07.2021  
**(72)** Chen, Chen; Pan, Jun; Liu, Ying  
**(74)** PATENTS AU PTY LTD

**Harbin University of Science and Technology see Northeast Agricultural University**  
**(21)** 2021103021

**Hui, J. see Zhongkai University of Agriculture and Engineering**  
**(21)** 2021103230

**(71)** Hui, P.K.; Tag, H.; Dutta, D.; Das, S.K.  
**(11)** AU-A-2021103279  
**(21)** 2021103279 **(22)** 10.06.2021  
**(54)** A PROCESS FOR ISOLATION AND YIELD INCREASE OF FLAVONOID COMPOUND/QUERCETIN FROM PLANT HOUTTUYNIA CORDATA THUNB BY UV-B EXPOSURE  
**(51)** Int. Cl.

**C07D 311/62** ( 2006.01 )  
**A01N 35/06** ( 2006.01 )  
**A01N 65/08** ( 2009.01 )  
**A61K 36/78** ( 2006.01 )  
**(31)** 202131017804 **(32)** 16.04.21 **(33)** IN  
**(45)** 29.07.2021  
**(72)** Hui, Pallabi Kalita; Tag, Hui; Dutta, Debjit; Das, Sanjib Kumar  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** HUTCHISON WHAMPOA GUANG-ZHOU BAIYUNSHAN CHINESE MEDICINE COMPANY LIMITED

**(11)** AU-A-2021103200  
**(21)** 2021103200 **(22)** 08.06.2021  
**(54)** Application of Rabdosia Serra in Preventing or Treating Nicotine Dependence  
**(51)** Int. Cl.  
**A61K 36/53** ( 2006.01 )  
**A61K 36/42** ( 2006.01 )  
**A61K 36/63** ( 2006.01 )  
**A61K 36/725** ( 2006.01 )  
**A61K 36/81** ( 2006.01 )  
**A61P 25/34** ( 2006.01 )  
**(31)** 2020109178166 **(32)** 03.09.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Li, Chuyuan; Guo, Haibiao; Lai, Juanjuan; Zhuang, Chuanping  
**(74)** LESICAR MAYNARD ANDREWS PTY LTD

**(71)** Idea Athletic Pty Ltd  
**(11)** AU-A-2021103207  
**(21)** 2021103207 **(22)** 08.06.2021  
**(54)** ACTIVE WEAR  
**(51)** Int. Cl.  
**A41D 1/08** ( 2018.01 )  
**A41D 1/089** ( 2018.01 )  
**A41D 13/00** ( 2006.01 )  
**A41D 27/24** ( 2006.01 )  
**A41D 31/12** ( 2019.01 )  
**A41D 31/18** ( 2019.01 )  
**A41D 27/20** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** CLARKSON, Alana  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Inner Mongolia University of Technology

**(11)** AU-A-2021103046  
**(21)** 2021103046 **(22)** 03.06.2021  
**(54)** INTELLIGENT DETECTION DEVICE FOR FABRIC DEFECTS  
**(51)** Int. Cl.  
**G01N 21/01** ( 2006.01 )  
**G01N 21/88** ( 2006.01 )  
**G01N 21/89** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**B65G 47/00** ( 2006.01 )  
**G06T 7/10** ( 2017.01 )  
**(45)** 29.07.2021  
**(72)** Chen, Xiaodong; Qiu, Li; Chen, Yuxin; Mei, Xiuzhuang; Yuan, Xiaojun; Zhao, Huan; Chen, Zelin; Wang, Liandong  
**(74)** Remarkable IP

**(71)** Institute of Agricultural Resources and Regional Planning

**(11)** AU-A-2021103147  
**(21)** 2021103147 **(22)** 07.06.2021  
**(54)** Maize Endophytic Acinetobacter ACZLY512 and Application Thereof  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**C05F 11/08** ( 2006.01 )  
**C12P 3/00** ( 2006.01 )  
**C12Q 1/689** ( 2018.01 )  
**C12R 1/01** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Ai, Chao; Zhang, Liyu; Zhou, Wei  
**(74)** Alder IP Pty Ltd

**(71)** Institute of Urban Environment, Chinese Academy of Sciences

**(11)** AU-A-2021102983  
**(21)** 2021102983 **(22)** 31.05.2021  
**(54)** METHOD AND SYSTEM FOR MEASURING ACCESSIBILITY OF ECOLOGICAL EFFECT OF GREEN SPACE ON BUILDING ENERGY CONSUMPTION CARBON EMISSION REDUCTION  
**(51)** Int. Cl.  
**G05B 13/04** ( 2006.01 )  
**G05B 17/02** ( 2006.01 )  
**G06F 30/20** ( 2020.01 )  
**(45)** 29.07.2021  
**(72)** YE, Hong; ZHAO, Zhuoqun  
**(74)** Catalyst Intellectual Property

**J, S. see T., S.**  
**(21)** 2021102319

**Jain, V. see Rao, K.**  
**(21)** 2021103020

**(71)** Jiangsu Jiaruifeng Mechanical and Electrical Equipment Co., Ltd.

**(11)** AU-A-2020104436  
**(21)** 2020104436 **(22)** 14.12.2020  
**(54)** Motor having speed regulation function  
**(51)** Int. Cl.  
**H02K 11/30** ( 2016.01 )  
**H02K 9/06** ( 2006.01 )  
**H02P 29/00** ( 2016.01 )  
**(31)** 202022958516.0 **(32)** 09.12.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** ZHU, Tinglou; LI, Wenjie; ZHANG, Tao  
**(74)** MOHAN MURALI KODIVEL

**Jindal, S. see Singh, M.**  
**(21)** 2021103320

**Khedkar, S.S. see Datta Meghe Institute of Medical Sciences(DU)**  
**(21)** 2021103076

**Kumar, K. see Rao, K.**

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**Kumar, Y. see Rao, K.**

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**Kumar, T.R. see Rao, K.**

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(71) Kumar N S, H.; Choudhary, R.P.; Murthy, C.S.N.; Chand. R. P.; ., S.; P John, R.

(11) AU-A-2021102416

(21) 2021102416 (22) 08.05.2021

(54) METHOD FOR EVOLUTION OF PROBABILITY DISTRIBUTION FUNCTION OF SHOVEL-DUMPER COMBINATION IN OPENCAST COAL MINE

(51) Int. Cl.

**G06N 3/04** ( 2006.01 )

**G06F 17/18** ( 2006.01 )

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**G06N 7/00** ( 2006.01 )

**E21C 47/02** ( 2006.01 )

(45) 29.07.2021

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(74) Dr. Harish Kumar N S

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude

(11) AU-A-2021103309

(21) 2021103309 (22) 11.06.2021

(54) DEVICE FOR SUPPLYING THERAPEUTIC GAS, PARTICULARLY NO OR N2O, TO A PATIENT

(51) Int. Cl.

**A61M 16/00** ( 2006.01 )

(45) 29.07.2021

(62) 2020267144

(72) Blandin, Yann; Thevenet, Louise; Amory, Marie

(74) Phillips Ormonde Fitzpatrick

(71) Lendvaj, M.

(11) AU-A-2021103218

(21) 2021103218 (22) 08.06.2021

(54) Electric reclining bed for all types of caravans / campervans / motorhomes / pop-tops and slide-ons

(51) Int. Cl.

**A47C 17/175** ( 2006.01 )

**B60P 3/39** ( 2006.01 )

(45) 29.07.2021

(72) Lendvaj, Mirko

(74) Mirko Lendvaj

**LI, W. see Shenzhen Traditional Chinese Medicine Hospital**

(21) 2021102938

**LIAO, Y. see Shenzhen Traditional Chinese Medicine Hospital**

(21) 2021102938

(71) LifePoint International Pty Ltd

(11) AU-A-2021103202

(21) 2021103202 (22) 08.06.2021

(54) Assembly & Indicator for a Threaded Bolt

(51) Int. Cl.

**E04G 21/32** ( 2006.01 )

**A62B 35/00** ( 2006.01 )

**F16B 31/02** ( 2006.01 )

(45) 29.07.2021

(62) 2016259973

(72) Pascoe, Andrew John; Barwick, Paul David

(74) Caska Intellectual Property Pty Ltd

(71) LIU, M.

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(21) 2021103346 (22) 15.06.2021

(54) Door lock structure

(51) Int. Cl.

**E05B 15/10** ( 2006.01 )

**E05B 15/00** ( 2006.01 )

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(45) 29.07.2021

(72) LIU, Min

(74) FB Rice Pty Ltd

(71) Lovely Professional University

(11) AU-A-2021102813

(21) 2021102813 (22) 25.05.2021

(54) A PROTEIN BASED IMMUNITY BOOSTING HEALTH DRINK

(51) Int. Cl.

**A23L 2/39** ( 2006.01 )

**A23L 33/105** ( 2016.01 )

**A23L 33/16** ( 2016.01 )

**A61K 9/00** ( 2006.01 )

**A61K 36/185** ( 2006.01 )

**A61K 36/23** ( 2006.01 )

**A61K 36/55** ( 2006.01 )

**A61K 36/752** ( 2006.01 )

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(72) Koul, Bhupendra; Adlakha, Khyati

(74) IP NATION

(71) Lovely Professional University

(11) AU-A-2021102849

(21) 2021102849 (22) 26.05.2021

(54) A SMART COTTON SWAB DISPENSING MACHINE

(51) Int. Cl.

**A61F 15/00** ( 2006.01 )

**A61F 13/38** ( 2006.01 )

**B65D 83/02** ( 2006.01 )

(45) 29.07.2021

(72) Singh, Reena; Chopra, Chirag; Dhanjal, Daljit Singh; Sonali, Sonali; Gupta, Meghna; Singh, Pavitar Parkash

(74) IP NATION

(71) Mano Design Pty Ltd

(11) AU-A-2017101915

(21) 2017101915 (22) 10.08.2017

(54) Mounting system

(51) Int. Cl.

**A47G 1/17** ( 2006.01 )

**A47G 1/06** ( 2006.01 )

**A47G 1/14** ( 2006.01 )

(31) 2016903136 (32) 10.08.16 (33) AU

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(72) Andresen, Simon; Fraser, Marc

(74) Houlihan<sup>2</sup> Pty Ltd

**Mohamaed, A. see Muduli, K.**

(21) 2021103226

(71) Moutai Institute

(11) AU-A-2021103396

(21) 2021103396 (22) 16.06.2021

(54) Automatic stacking raw material fermentation device for wine brewing processing

(51) Int. Cl.

**B65G 19/08** ( 2006.01 )

**B65G 11/12** ( 2006.01 )

**B65G 41/02** ( 2006.01 )

**B65G 47/44** ( 2006.01 )

**B65G 69/04** ( 2006.01 )

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(71) Muduli, K.; Mohamaed, A.; Das, R.P.; Dash, M.

(11) AU-A-2021103226

(21) 2021103226 (22) 09.06.2021

(54) THE SMART MEDICAL WASTE MANAGEMENT SYSTEM AND PROCESS.

(51) Int. Cl.

**G16H 40/40** ( 2018.01 )

**G08B 21/18** ( 2006.01 )

(31) 202010725560 (32) 08.06.21 (33) IN

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(72) Muduli, Kamalakanta; Mohamaed, Aezeden; Das, Rashmi Prava; Dash, Manoranjan

(74) Kamalakanta Muduli

**Murthy, C.S.N. see Kumar N S, H.**

(21) 2021102416

**Musthafa, M.E.M. see Bhupathyaaj, M.**

(21) 2021102883

**N, L. see T., S.**

(21) 2021102319

**Nadkarni, S. see Sabharwal, M.**

(21) 2021103040

(71) Nanchang University

(11) AU-A-2021103012

(21) 2021103012 (22) 01.06.2021

(54) EQUIPMENT AND METHOD FOR CONTINUOUS PRODUCTION OF WHOLE SOYBEAN MILK

(51) Int. Cl.

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**(72)** Chen, Jun; Liu, Chengmei; Li, Zhaoying; Liu, Wei; Dai, Taotao; Li, Yuting; Liang, Ruihong; Li, Ti; Luo, Shunjing; Shuai, Xixiang  
**(74)** Madderns Pty Ltd

**(71)** Nanjing Hailu Chemical Technology Co., Ltd.  
**(11)** AU-A-2021102941  
**(21)** 2021102941 **(22)** 28.05.2021  
**(54)** Waste Heat Recovery System With Flash Evaporator Connected In Parallel On Pipeline For Externally Delivered High-Temperature Sulfuric Acid Background  
**(51)** Int. Cl.  
**C01B 17/76** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**B01D 53/50** ( 2006.01 )  
**F22B 1/16** ( 2006.01 )  
**(31)** 202022920081.0 **(32)** 08.12.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** YU, Xiangdong  
**(74)** WRAYS PTY LTD

**National Grid Corporation Northwest Branch see Xi'an Jiaotong University**  
**(21)** 2021103251

**(71)** Ningbo Baoting Biotechnology Co.,Ltd  
**(11)** AU-A-2021103268  
**(21)** 2021103268 **(22)** 10.06.2021  
**(54)** Two-component polyurethane composition and its preparation method, and application thereof  
**(51)** Int. Cl.  
**A61L 15/12** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** ZHU, YABIN; HE, BIN; BAI, YUN  
**(74)** Alder IP Pty Ltd

**(71)** Ningbo Polytechnic  
**(11)** AU-A-2021103256  
**(21)** 2021103256 **(22)** 10.06.2021  
**(54)** Preparation method of graphene-composited ion exchange resin for membrane-free electrodeionization system  
**(51)** Int. Cl.  
**B01J 39/17** ( 2017.01 )  
**C02F 1/469** ( 2006.01 )  
**C08F 2/18** ( 2006.01 )  
**C08F 8/36** ( 2006.01 )  
**C08F 212/36** ( 2006.01 )  
**C08J 9/28** ( 2006.01 )  
**C08K 3/04** ( 2006.01 )  
**(31)** 202011375812.6 **(32)** 30.11.20 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Shen, Xiaolan; Ying, Yufeng; Li, Hao; Peng, Zhenbo; Shi, Haibo  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Northeast Agricultural University; Harbin University of Science and Technology  
**(11)** AU-A-2021103021  
**(21)** 2021103021 **(22)** 02.06.2021  
**(54)** Monitoring and management system for ecological environment quality in wetland  
**(51)** Int. Cl.  
**G05B 21/00** ( 2006.01 )  
**G01S 19/42** ( 2010.01 )  
**G05B 23/02** ( 2006.01 )  
**G06F 16/29** ( 2019.01 )  
**G06Q 50/02** ( 2012.01 )  
**G08C 17/02** ( 2006.01 )  
**H04W 84/18** ( 2009.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/18** ( 2006.01 )  
**G05B 13/00** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Cui, Song; Fu, Qiang; Guo, Liang; Zhang, Fuxiang  
**(74)** Alder IP Pty Ltd

**(71)** O-Net Communications (Shenzhen) Limited  
**(11)** AU-A-2017101905  
**(21)** 2017101905 **(22)** 03.11.2017  
**(54)** Array laser radar light splitting device and light splitting method thereof  
**(51)** Int. Cl.  
**G02B 6/12** ( 2006.01 )  
**(31)** 201710184407.8 **(32)** 24.03.17 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Lu, Kaiyuan; Hua, Yimin  
**(74)** MOHAN MURALI KODIVEL

**(71)** O-Net Communications (Shenzhen) Limited  
**(11)** AU-A-2017101913  
**(21)** 2017101913 **(22)** 27.09.2017  
**(54)** Monitoring and indication system of optical module  
**(51)** Int. Cl.  
**H04B 10/07** ( 2013.01 )  
**H04B 10/40** ( 2013.01 )  
**(31)** 201710475105.6 **(32)** 21.06.17 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Yi, Ye; Zeng, Zhaofeng  
**(74)** MOHAN MURALI KODIVEL

**(71)** O-Net Communications (ShenZhen) Limited  
**(11)** AU-A-2017101904  
**(21)** 2017101904 **(22)** 03.11.2017  
**(54)** Doped fiber amplifier and work method thereof  
**(51)** Int. Cl.  
**H01S 3/067** ( 2006.01 )  
**H01S 3/00** ( 2006.01 )  
**(31)** 201710184416.7 **(32)** 24.03.17 **(33)** CN  
**(45)** 29.07.2021  
**(72)** Lu, Kaiyuan; Hua, Yimin  
**(74)** MOHAN MURALI KODIVEL

**(71)** OXTI CORPORATION  
**(11)** AU-A-2021103211  
**(21)** 2021103211 **(22)** 08.06.2021  
**(54)** SIMPLIFIED LAMP BODY CARRYING FRAME STRUCTURE  
**(51)** Int. Cl.  
**F21V 21/14** ( 2006.01 )  
**F21V 19/02** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** HO, CHIH FENG  
**(74)** Alfred Lei

**Pallathadka, H. see Rao, K.**  
**(21)** 2021103020

**P John, R. see Kumar N S, H.**  
**(21)** 2021102416

**(71)** Qingdao Agricultural University  
**(11)** AU-A-2021101139  
**(21)** 2021101139 **(22)** 03.03.2021  
**(54)** Method for Improving  $\alpha$ -Linolenic Acid Content in Seeds of Oil Peony Paeonia ostii 'Feng Dan'  
**(51)** Int. Cl.  
**A01H 5/10** ( 2018.01 )  
**A01H 1/00** ( 2006.01 )  
**A01H 1/02** ( 2006.01 )  
**A01H 1/04** ( 2006.01 )  
**A01H 6/00** ( 2018.01 )  
**A23D 9/00** ( 2006.01 )  
**C11B 1/10** ( 2006.01 )  
**C11C 3/00** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Hao, Qing  
**(74)** Alder IP Pty Ltd

**(71)** Qingdao Agricultural University; Shandong Tang Wang Carp Agricultural Development Co., Ltd  
**(11)** AU-A-2021102929  
**(21)** 2021102929 **(22)** 28.05.2021  
**(54)** Transportation Method of Live *Mauremys mutica*  
**(51)** Int. Cl.  
**A01K 63/02** ( 2006.01 )  
**B65D 81/22** ( 2006.01 )  
**B65D 85/50** ( 2006.01 )  
**(45)** 29.07.2021  
**(72)** Wang, Feng; Jiang, Shibo; Zheng, Bo  
**(74)** Alder IP Pty Ltd

**(71)** Qingdao Agricultural University  
**(11)** AU-A-2021103293  
**(21)** 2021103293 **(22)** 11.06.2021  
**(54)** CRISPR/CAS9 SYSTEM WITHOUT PAM RESTRICTION AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**C12N 15/90** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/63** ( 2006.01 )



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 (74) Remarkable IP

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 (11) AU-A-2021101840  
 (21) 2021101840 (22) 09.04.2021  
 (54) DEVICE AND METHOD FOR REMOVING PRICKLES AND IMPURITIES FOR PROCESSING ROSA ROXBURGHII  
 (51) Int. Cl.  
 A01G 3/00 ( 2006.01 )  
 A01G 5/00 ( 2006.01 )  
 (31) 2021100160119 (32) 07.01.21 (33) CN  
 (45) 29.07.2021  
 (72) ZHAO, FANGYUAN  
 (74) MOHAN MURALI KODIVEL

(71) QINGDAO AGRICULTURAL UNIVERSITY  
 (11) AU-A-2021102444  
 (21) 2021102444 (22) 10.05.2021  
 (54) A POSITIVE AND NEGATIVE LINEAR FREQUENCY MODULATION METHOD FOR RANGING AND SPEED MEASUREMENT  
 (51) Int. Cl.  
 G01S 17/50 ( 2006.01 )  
 G01S 13/34 ( 2006.01 )  
 G01S 13/88 ( 2006.01 )  
 (31) 202110433024.6 (32) 22.04.21 (33) CN  
 (45) 29.07.2021  
 (72) SONG, CAIXIA  
 (74) MOHAN MURALI KODIVEL

(71) QINGDAO AGRICULTURAL UNIVERSITY  
 (11) AU-A-2021102716  
 (21) 2021102716 (22) 20.05.2021  
 (54) SCIENCE AND TECHNOLOGY CORRESPONDENT PERFORMANCE EVALUATION METHOD BASED ON ENTROPY METHOD  
 (51) Int. Cl.  
 G06Q 10/06 ( 2012.01 )  
 (31) 2021104918050 (32) 07.05.21 (33) CN  
 (45) 29.07.2021  
 (72) SONG, CAIXIA; XU, PENGMIN  
 (74) MOHAN MURALI KODIVEL

(71) QINGDAO AGRICULTURAL UNIVERSITY; QINGDAO LIBANG GAODE PEST CONTROL CO., LTD  
 (11) AU-A-2021103239  
 (21) 2021103239 (22) 09.06.2021  
 (54) Method for counting insect  
 (51) Int. Cl.  
 G06T 7/136 ( 2017.01 )  
 G06T 7/00 ( 2017.01 )  
 G06T 7/194 ( 2017.01 )  
 (45) 29.07.2021  
 (72) WANG, Junping; RONG, Shuli; CAI, Wei; WANG, Zihao; ZHANG, Yan  
 (74) Lawsci LIANG

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 (11) AU-A-2021102885  
 (21) 2021102885 (22) 27.05.2021  
 (54) A Trichoderma Polysporum Strain HZ-31 and Its Application in Biological Weed Control  
 (51) Int. Cl.  
 A01N 63/38 ( 2020.01 )  
 A01N 25/14 ( 2006.01 )  
 (45) 29.07.2021  
 (72) Zhu, Haixia  
 (74) Alder IP Pty Ltd

Qureshi, I. see Datta Meghelinstitute of Medical Sciences(DU)  
 (21) 2021103076

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 (21) 2021102319

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 (21) 2021103040

(71) Rao, K.; Shrivastava, A.; Borole, Y.D.; T., S.; Kumar, K.; Singh, A.K.; Shaw, R.N.; Ghosh, A.; Kumar, Y.; Pallathadka, H.; Jain, V.; Kumar, T.R.  
 (11) AU-A-2021103020  
 (21) 2021103020 (22) 02.06.2021  
 (54) THE APPARATUS FOR DEVELOPING PROGRAMS BY USING GREEN COMPUTING CIRCUIT.  
 (51) Int. Cl.  
 G06F 8/20 ( 2018.01 )  
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 (72) Rao, Koteswara Vaddempudi; Shrivastava, Anurag; Borole, Yogini Dilip; T., Suguna; Kumar, Keshav; Singh, Ashutosh Kumar; Shaw, Rabindra Nath; Ghosh, Ankush; Kumar, Yogendra; Pallathadka, Harikumar; Jain, Vivek; Kumar, Tulala Rajasanthosh  
 (74) Koteswara Vaddempudi Rao

Ravi Nair Physiotherapy college see Datta Meghelinstitute of Medical Sciences(DU)  
 (21) 2021103076

S., K. see T., S.  
 (21) 2021102319

S., A. see T., S.  
 (21) 2021102319

S.K., .. see T., S.  
 (21) 2021102319

(71) Sabharwal, M.; R., S.; Nadkarni, S.; Vij, M.; Vij, A.  
 (11) AU-A-2021103040  
 (21) 2021103040 (22) 02.06.2021  
 (54) Smart and Energy Efficient Automated Guest Rooms for Hospitality Services  
 (51) Int. Cl.  
 G06Q 50/12 ( 2012.01 )  
 G05B 13/02 ( 2006.01 )  
 G05B 15/02 ( 2006.01 )  
 H04L 12/28 ( 2006.01 )  
 H04W 12/08 ( 2021.01 )  
 (45) 29.07.2021  
 (72) Nadkarni, Sanjay; Vij, Mohit; Vij, Anu; Sabharwal, Munish; R., Sathiyaraj  
 (74) Sathiyaraj R

(71) Saidian, S.  
 (11) AU-A-2021103213  
 (21) 2021103213 (22) 08.06.2021  
 (54) Seismic restraint of ceilings  
 (51) Int. Cl.  
 E04B 9/30 ( 2006.01 )  
 E04B 9/06 ( 2006.01 )  
 E04B 9/16 ( 2006.01 )  
 (31) PCT/ (32) 25.01.21 (33) WO  
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 (45) 29.07.2021  
 (72) Saidian, Sasan  
 (74) Patentec Patent Attorneys

(71) Saidian, S.  
 (11) AU-A-2021103214  
 (21) 2021103214 (22) 08.06.2021  
 (54) Structural Soffit Restraint Arrangements  
 (51) Int. Cl.  
 E04B 9/24 ( 2006.01 )  
 E04B 2/72 ( 2006.01 )  
 E04B 2/76 ( 2006.01 )  
 E04B 9/00 ( 2006.01 )  
 E04B 9/06 ( 2006.01 )  
 E04B 9/18 ( 2006.01 )  
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 AU2020/050905  
 (45) 29.07.2021  
 (72) Saidian, Sasan  
 (74) Patentec Patent Attorneys

(71) School of Agriculture and Biology, Shanghai Jiao Tong University; Shanghai Institute of Veterinary Medicine, Chinese Academy of Agricultural Sciences  
 (11) AU-A-2021103277  
 (21) 2021103277 (22) 10.06.2021  
 (54) LF-RPA Detection Primer Set and Kit for Shiga Toxin-Producing Escherichia Coli  
 (51) Int. Cl.  
 C12Q 1/689 ( 2018.01 )  
 C12Q 1/6844 ( 2018.01 )  
 (45) 29.07.2021  
 (72) Cui, Li; Jiang, Wei; Zhang, Jianhua  
 (74) Alder IP Pty Ltd

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School of Life Sciences and Technology, Tongji University see Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)

(21) 2021103061

(71) Shaanxi Huikang Biotechnology Co., Ltd.

(11) AU-A-2021103260

(21) 2021103260 (22) 10.06.2021

(54) A novel bacteriostatic oral rinse and the preparation method thereof

(51) Int. Cl.

A61K 38/47 (2006.01)

A61K 8/49 (2006.01)

A61K 8/66 (2006.01)

A61K 9/00 (2006.01)

A61K 31/4425 (2006.01)

A61P 31/04 (2006.01)

A61Q 11/00 (2006.01)

(45) 29.07.2021

(72) Wang, Jiuna; He, Yue; Zhao, Jinli

(74) Shelston IP Pty Ltd.

(71) Shandong Hi-Speed Weiri Expressway Co., Ltd.; Shandong University

(11) AU-A-2021103093

(21) 2021103093 (22) 04.06.2021

(54) Method for determining blocking force of transverse rib in pull-out process of sensor-enabled geogrid

(51) Int. Cl.

G01N 3/08 (2006.01)

(31) 2020110621259 (32) 30.09.20 (33) CN

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(72) Cui, Xinzhuang; Xiao, Gang; Liu, Peng; Zhao, Guinan; Cao, Weidong; Du, Yang; Li, Shimin

(74) Shelston IP Pty Ltd.

(71) Shandong Peanut Research Institute

(11) AU-A-2021102896

(21) 2021102896 (22) 27.05.2021

(54) STORAGE BIN FOR IMPROVING STORAGE PERIOD OF FRESH PEANUTS

(51) Int. Cl.

B65D 81/22 (2006.01)

A47G 19/30 (2006.01)

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(74) MOHAN MURALI KODIVEL

(71) Shandong Ruien Ecological Environment Technology Co., Ltd.

(11) AU-A-2021102979

(21) 2021102979 (22) 31.05.2021

(54) GEOTECHNICAL ENGINEERING SAFETY MONITORING AND WARNING SYSTEM

(51) Int. Cl.

G01B 7/16 (2006.01)

E02D 1/02 (2006.01)

G08B 21/10 (2006.01)

G08B 21/18 (2006.01)

H04Q 9/02 (2006.01)

H04W 4/38 (2018.01)

G01S 19/42 (2010.01)

H04W 84/18 (2009.01)

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(21) 2021102929

Shandong University see Shandong Hi-Speed Weiri Expressway Co., Ltd.

(21) 2021103093

Shanghai Institute of Veterinary Medicine, Chinese Academy of Agricultural Sciences see School of Agriculture and Biology, Shanghai Jiao Tong University

(21) 2021103277

Sharad Pawar Dental College see Datta Meghe Institute of Medical Sciences(DU)

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Shaw, R.N. see Rao, K.

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(71) Shenzhen Institutes Of Advanced Technology Chinese Academy Of Sciences

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(54) FLEXIBLE POLYMER THIN FILM USED FOR MEASURING SOUND INTENSITY, AND METHOD FOR MANUFACTURE THEREOF

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C08L 83/04 (2006.01)

C08K 3/08 (2006.01)

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(54) LOW POWER CONSUMPTION AND ENERGY SAVING RECIRCULATING AQUACULTURE SYSTEM

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A01K 63/04 (2006.01)

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A61B 17/12 (2006.01)

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A61F 2/958 (2013.01)

A61M 25/10 (2013.01)

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WEI, Wenwen

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(71) Shihezi University; Xinjiang Huier Agricultural Group Co., Ltd

(11) AU-A-2021103257

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(54) Method of fertilizing cotton by topdressing instead of base fertilizer

(51) Int. Cl.

C05B 7/00 (2006.01)

A01C 21/00 (2006.01)

A01G 22/50 (2018.01)

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(11) AU-A-2021103297

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(54) METHOD FOR RAISING LAYING DUCKS

(51) Int. Cl.

A01K 41/00 (2006.01)

A01K 29/00 (2006.01)

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(74) Remarkable IP

(71) Sichuan University of Science & Engineering

(11) AU-A-2021103276

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(54) Single-ended protection method and device for HVDC transmission lines

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H02H 7/26 (2006.01)

G01R 31/08 (2020.01)

H02J 3/00 (2006.01)

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*G06Q 10/04* ( 2012.01 )  
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*F21K 9/20* ( 2016.01 )  
*H05B 45/30* ( 2020.01 )  
*H05B 47/13* ( 2020.01 )  
*H05B 47/16* ( 2020.01 )  
*H05B 47/19* ( 2020.01 )  
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 (11) AU-A-2021103234  
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*C04B 26/02* ( 2006.01 )  
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 (54) CANOPY FOR A VEHICLE  
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F21S 8/08 ( 2006.01 )

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H04B 10/114 ( 2013.01 )

H05B 45/30 ( 2020.01 )

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A23J 3/34 ( 2006.01 )

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A23L 5/40 ( 2016.01 )

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F24F 6/14 ( 2006.01 )

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H02K 5/24 ( 2006.01 )

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A61K 35/741 ( 2015.01 )

A23K 10/12 ( 2016.01 )

A23K 10/18 ( 2016.01 )

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**C12N 1/20** ( 2006.01 )  
**C12R 1/07** ( 2006.01 )  
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<b>2021101840</b>	QINGDAO AGRICULTURAL UNIVERSITY	<b>2021103099</b>	Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center, Shandong Academy of Sciences)
<b>2021102319</b>	T., S.; J, S.; D., L.; C., A.; R., Z.; B., B.; N, L.; S.K, .; G., L.P.; S., K.; V, .; S., A.	<b>2021103101</b>	ChongQing Academy of Animal Sciences
<b>2021102416</b>	Kumar N S, H.; Choudhary, R.P.; Murthy, C.S.N.; Chand. R, P.; ., S.; P John, R.	<b>2021103102</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021102444</b>	QINGDAO AGRICULTURAL UNIVERSITY	<b>2021103105</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021102467</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.	<b>2021103107</b>	ChongQing Academy of Animal Sciences
<b>2021102477</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.	<b>2021103115</b>	Xuzhou University of Technology
<b>2021102529</b>	Chongqing Sinstar Packaging Machinery Co., Ltd.	<b>2021103116</b>	Xuzhou University of Technology
<b>2021102633</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; China Railway 18th Bureau Group Construction and Installation Engineering Co. Ltd	<b>2021103123</b>	Xuzhou University of Technology
<b>2021102639</b>	CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; China Railway 18th Bureau Group Construction and Installation Engineering Co. Ltd	<b>2021103143</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021102716</b>	QINGDAO AGRICULTURAL UNIVERSITY	<b>2021103144</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021102813</b>	Lovely Professional University	<b>2021103145</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
<b>2021102849</b>	Lovely Professional University	<b>2021103147</b>	Institute of Agricultural Resources and Regional Planning
<b>2021102883</b>	Bhupathyraaj, M.; Godwin Anand, R.K.P.; Musthafa, M.E.M.	<b>2021103151</b>	Zhejiang Chinese Medical University
<b>2021102885</b>	Qinghai Academy of Agriculture and Forestry Sciences	<b>2021103153</b>	Chongqing Normal University
<b>2021102893</b>	China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Construction and Installation Engineering Co., Ltd.	<b>2021103157</b>	Chengdu University of Technology
<b>2021102896</b>	Shandong Peanut Research Institute	<b>2021103166</b>	A-SHA REPUBLIC INC.
<b>2021102925</b>	China Railway No.3 Engineering Group Co., Ltd.; China Railway No. 3 Engineering Group Sixth Engineering Co., Ltd.	<b>2021103168</b>	Harbin PROSYN Unite Biological Feed Co., Ltd
<b>2021102929</b>	Qingdao Agricultural University; Shandong Tang Wang Carp Agricultural Development Co., Ltd	<b>2021103181</b>	Beijing University of Civil Engineering and Architecture; State Key Laboratory in China for GeoMechanics and Deep Underground Engineering
<b>2021102938</b>	Shenzhen Traditional Chinese Medicine Hospital; LI, W.; WEI, Z.; LIAO, Y.; WEI, W.	<b>2021103185</b>	Guangxi Academy of Agricultural Sciences
<b>2021102941</b>	Nanjing Hailu Chemical Technology Co., Ltd.	<b>2021103186</b>	Yantai changhong plastic products co.,LTD
<b>2021102945</b>	Xinjiang University	<b>2021103189</b>	Central South University
<b>2021102979</b>	Shandong Ruien Ecological Environment Technology Co., Ltd.	<b>2021103192</b>	Sunderland Trading Co Pty Ltd
<b>2021102981</b>	Capital Medical University	<b>2021103200</b>	HUTCHISON WHAMPOA GUANGZHOU BAIYUNSHAN CHINESE MEDICINE COMPANY LIMITED
<b>2021102983</b>	Institute of Urban Environment, Chinese Academy of Sciences	<b>2021103201</b>	Yangzhou University
<b>2021103012</b>	Nanchang University	<b>2021103202</b>	LifePoint International Pty Ltd
<b>2021103020</b>	Rao, K.; Shrivastava, A.; Borole, Y.D.; T., S.; Kumar, K.; Singh, A.K.; Shaw, R.N.; Ghosh, A.; Kumar, Y.; Pallathadka, H.; Jain, V.; Kumar, T.R.	<b>2021103205</b>	Chongqing Technology and Business University; Chongqing Technology and Business University Technology Development Co., Ltd
<b>2021103021</b>	Northeast Agricultural University; Harbin University of Science and Technology	<b>2021103207</b>	Idea Athletic Pty Ltd
<b>2021103028</b>	Tobacco Research Institute of Chinese Academy of Agricultural Sciences	<b>2021103208</b>	Buttriss, J.
<b>2021103035</b>	Aidepingfang Health Technology (Shanghai) Co., Ltd.	<b>2021103210</b>	Yang, J.
<b>2021103037</b>	Aidepingfang Health Technology (Shanghai) Co., Ltd.	<b>2021103211</b>	OXTI CORPORATION
<b>2021103038</b>	Aidepingfang Health Technology (Shanghai) Co., Ltd.	<b>2021103212</b>	Xinjiang Institute of Ecology and Geography
<b>2021103040</b>	Sabharwal, M.; R., S.; Nadkarni, S.; Vij, M.; Vij, A.	<b>2021103213</b>	Saidian, S.
<b>2021103046</b>	Inner Mongolia University of Technology	<b>2021103214</b>	Saidian, S.
<b>2021103056</b>	Guangdong Hoshion Industrial Aluminum Co., Ltd.	<b>2021103217</b>	ASTED Pty Ltd
<b>2021103058</b>	Guangdong Hoshion Industrial Aluminum Co., Ltd.	<b>2021103218</b>	Lendvaj, M.
<b>2021103061</b>	Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research); School of Life Sciences and Technology, Tongji University	<b>2021103226</b>	Muduli, K.; Mohamaed, A.; Das, R.P.; Dash, M.
		<b>2021103227</b>	Taiyuan University of Science and Technology
		<b>2021103228</b>	Geobotica Pty Ltd
		<b>2021103230</b>	Zhongkai University of Agriculture and Engineering; Hui, J.

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2021103236	Fitbeat Australia Pty Ltd
2021103237	Tuff Tonneaus Wholesale Pty Ltd
2021103239	QINGDAO AGRICULTURAL UNIVERSITY; QINGDAO LIBANG GAODE PEST CONTROL CO., LTD
2021103250	Hangzhou Fudemin Biotechnology Co., Ltd.
2021103251	Xi'an Jiaotong University; National Grid Corporation Northwest Branch
2021103253	Fuzhou University
2021103255	Cripps Clark, J.
2021103256	Ningbo Polytechnic
2021103257	Shihezi University; Xinjiang Huier Agricultural Group Co., Ltd
2021103258	Hangzhou Fudemin Biotechnology Co., Ltd.
2021103259	Hangzhou Fudemin Biotechnology Co., Ltd.
2021103260	Shaanxi Huikang Biotechnology Co., Ltd.
2021103261	Shenzhen Jingyu Technology Co., Ltd.
2021103262	Tianjin University
2021103263	Tianjin University
2021103265	East China University of Technology
2021103266	Dalian Maritime University
2021103267	Dalian Maritime University
2021103268	Ningbo Baoting Biotechnology Co.,Ltd
2021103271	GrainTech Innovation Pty Ltd
2021103275	Fujian Agriculture and Forestry University
2021103276	Sichuan University of Science & Engineering
2021103277	School of Agriculture and Biology, Shanghai Jiao Tong University; Shanghai Institute of Veterinary Medicine, Chinese Academy of Agricultural Sciences
2021103279	Hui, P.K.; Tag, H.; Dutta, D.; Das, S.K.
2021103280	Shenzhen Institutes Of Advanced Technology Chinese Academy Of Sciences
2021103288	Sun, Y.
2021103293	Qingdao Agricultural University
2021103295	Harbin Institute of Technology, Shenzhen
2021103297	Sichuan Animal Science Academy
2021103305	Xi'an University of Science and Technology
2021103309	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
2021103316	Central South University
2021103320	Singh, M.; Chahal, P.; Bura, D.; Jindal, S.
2021103346	LIU, M.
2021103351	Beijing University of Posts and Telecommunications
2021103354	Yunnan Minzu University
2021103396	Moutai Institute

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<b><u>G01V 1 /-</u></b>	<b><u>G06K 19 /-</u></b>	2021102979	<b><u>H02P 29 /-</u></b>	<b><u>H05K 7 /-</u></b>
2021103262	2021103208	2021103212	2020104436	2021103088
<b><u>G01W 1 /-</u></b>	<b><u>G06K 9 /-</u></b>	2021103226	<b><u>H04B 10 /-</u></b>	<b>No IPC Mark</b>
2021103212	2021102981	2021103228	2017101913	
2021103266	2021103316	2021103262	2021102945	
<b><u>G02B 6 /-</u></b>	<b><u>G06N 20 /-</u></b>	2021103320	<b><u>H04B 7 /-</u></b>	
2017101905	2021103316	<b><u>G08B 25 /-</u></b>	2021102945	
<b><u>G05B 13 /-</u></b>	<b><u>G06N 3 /-</u></b>	2021103263	<b><u>H04J 3 /-</u></b>	
2021102983	2019101805	<b><u>G08B 27 /-</u></b>	2021103351	
2021103021	2021102416	<b><u>G08B 31 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2021103040	2021102981	2021103262	2019101805	
2021103181	2021103181	<b><u>G08C 17 /-</u></b>	2021103040	
<b><u>G05B 15 /-</u></b>	2021103316	2021103021	2021103354	
2021103040	<b><u>G06N 5 /-</u></b>	<b><u>G16H 10 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2021103181	2019101805	2021103255	2021103021	
<b><u>G05B 17 /-</u></b>	<b><u>G06N 7 /-</u></b>	<b><u>G16H 30 /-</u></b>	2021103354	
2021102983	2021102416	2021102981	<b><u>H04M 1 /-</u></b>	
2021103181	<b><u>G06Q 10 /-</u></b>	<b><u>G16H 40 /-</u></b>	2019101805	
<b><u>G05B 19 /-</u></b>	2021102716	2021103226	<b><u>H04N 13 /-</u></b>	
2021103181	2021103263	2021103263	2021103253	
<b><u>G05B 21 /-</u></b>	2021103320	<b><u>G16H 50 /-</u></b>	<b><u>H04Q 9 /-</u></b>	
2021103021	<b><u>G06Q 20 /-</u></b>	2021102981	2021102979	
<b><u>G05B 23 /-</u></b>	2021103208	2021103255	<b><u>H04W 12 /-</u></b>	
2021103021	<b><u>G06Q 50 /-</u></b>	<b><u>G16Y 10 /-</u></b>	2021103040	
<b><u>G06F 1 /-</u></b>	2021103021	2021103255	<b><u>H04W 4 /-</u></b>	
2021103088	2021103040	<b><u>H01S 3 /-</u></b>	2021102979	
<b><u>G06F 11 /-</u></b>	2021103217	2017101904	<b><u>H04W 48 /-</u></b>	
2021103087	2021103255	<b><u>H02H 7 /-</u></b>	2021103354	
<b><u>G06F 16 /-</u></b>	2021103275	2021103276		
2021103087	2021103320			
2021103021	<b><u>G06T 15 /-</u></b>			
2021103087	2021103253			

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Name Index

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

<p>(71) 5 Health Inc.                      (11) AU-A-2020209737                      (21) 2020209737 (22) 14.01.2020                      (54) Methods and systems for managing medical information                      (51) Int. Cl.  <i>G16H 10/00</i> ( 2018.01 )  <i>G06F 16/332</i> ( 2019.01 )  <i>G06F 16/953</i> ( 2019.01 )  <i>G06F 21/30</i> ( 2013.01 )  <i>H04L 12/58</i> ( 2006.01 )                      (87) WO2020/150260                      (31) 62/792,171 (32) 14.01.19 (33) US                      62/886,242 13.08.19 US                      (43) 23.07.2020                      (72) SIM, Yan Chuan; KOH, Dorothea Li                      Feng; BHUIYAN, Md Ihtimam Hossain;                      BHUIYAN, Md Ihtimam Hossain                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(54) Compositions, devices, and methods for the treatment of overdose and reward-based disorders                      (51) Int. Cl.  <i>A61K 9/00</i> ( 2006.01 )  <i>A61K 31/357</i> ( 2006.01 )  <i>A61K 31/4178</i> ( 2006.01 )  <i>A61K 31/496</i> ( 2006.01 )  <i>A61K 38/00</i> ( 2006.01 )  <i>A61M 11/00</i> ( 2006.01 )                      (87) WO2020/132263                      (31) 62/782,943 (32) 20.12.18 (33) US                      16/311,944 20.12.18 US                      (43) 25.06.2020                      (72) MAGGIO, Edward T.; CRYSTAL, Roger; ELLISON, Mark; SKOLNICK, Phil                      (74) FB Rice Pty Ltd</p>	<p>SPANGENBERG, German Carlos;                      KRILL, Christian                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 7912854 Canada Inc.                      (11) AU-A-2019413110                      (21) 2019413110 (22) 27.12.2019                      (54) Roller blind limiter assembly, roller blind mechanism, roller blind system and method for adjusting an end position of a roller blind                      (51) Int. Cl.  <i>E06B 9/42</i> ( 2006.01 )                      (87) WO2020/132750                      (31) 62/785,787 (32) 28.12.18 (33) US                      (43) 02.07.2020                      (72) FRANCOEUR, Alain; ARCHAMBAULT, Augustin                      (74) WRAYS PTY LTD</p>	<p>(71) Agilent Technologies, Inc.; The Trustees of the University of Pennsylvania                      (11) AU-A-2020206999                      (21) 2020206999 (22) 07.01.2020                      (54) Compositions and methods for genomic dna and gene expression analysis in single cells                      (51) Int. Cl.  <i>C12Q 1/6806</i> ( 2018.01 )  <i>C12Q 1/6809</i> ( 2018.01 )  <i>C12Q 1/6851</i> ( 2018.01 )  <i>C12Q 1/6865</i> ( 2018.01 )                      (87) WO2020/146312                      (31) 62/898,824 (32) 11.09.19 (33) US                      62/789,073 07.01.19 US                      (43) 16.07.2020                      (72) EBERWINE, James; LEE, Jae-Hee; LI, Jifen; FISHER, Stephen; LU, Youtao; KIM, Junhyong; SUL, Jai-Yoon; WANG, Jinchun; HEALY, Mimi                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) AIM ImmunoTech Inc.                      (11) AU-A-2019403445                      (21) 2019403445 (22) 20.12.2019                      (54) Compositions and methods for cancer therapy                      (51) Int. Cl.  <i>A61P 35/00</i> ( 2006.01 )  <i>A61K 31/00</i> ( 2006.01 )  <i>A61K 39/00</i> ( 2006.01 )                      (87) WO2020/132560                      (31) 62/869,909 (32) 02.07.19 (33) US                      62/885,143 09.08.19 US                      62/792,760 15.01.19 US                      62/792,765 15.01.19 US                      62/783,834 21.12.18 US                      (43) 25.06.2020                      (72) STRAYER, David R.; EQUELS, Thomas K.                      (74) James &amp; Wells Intellectual Property</p>
<p>(71) A.W. Chesterton Company                      (11) AU-A-2020205761                      (21) 2020205761 (22) 13.01.2020                      (54) Multiple component seal assembly                      (51) Int. Cl.  <i>F16J 15/3236</i> ( 2016.01 )  <i>F04B 53/02</i> ( 2006.01 )  <i>F16J 15/3248</i> ( 2016.01 )  <i>F16J 15/3268</i> ( 2016.01 )  <i>F16L 17/035</i> ( 2006.01 )                      (87) WO2020/146883                      (31) 62/791,530 (32) 11.01.19 (33) US                      (43) 16.07.2020                      (72) AL-DARRA, Pierre Aouni Alfons                      (74) Griffith Hack</p>	<p>(71) Agriculture Victoria Services Pty Ltd                      (11) AU-A-2020215663                      (21) 2020215663 (22) 31.01.2020                      (54) Methods of terpene profiling cannabis plant material.                      (51) Int. Cl.  <i>G01N 33/94</i> ( 2006.01 )  <i>A01H 1/04</i> ( 2006.01 )  <i>A01H 6/28</i> ( 2018.01 )  <i>G01N 23/2258</i> ( 2018.01 )  <i>G01N 30/02</i> ( 2006.01 )  <i>G01N 30/86</i> ( 2006.01 )                      (87) WO2020/154772                      (31) 2019900291 (32) 31.01.19 (33) AU                      2019900293 31.01.19 AU                      2019900294 31.01.19 AU                      2019900295 31.01.19 AU                      2019900296 31.01.19 AU                      (43) 06.08.2020                      (72) ELKINS, Aaron Christopher; ROCHFORD, Simone Jane; COGAN, Noel;</p>	<p>(71) Amadeus S.A.S.                      (11) AU-A-2020362928                      (21) 2020362928 (22) 06.10.2020                      (54) Providing virtual machines for centralized integration with peripherals including biometric devices                      (51) Int. Cl.  <i>G06F 9/455</i> ( 2018.01 )  <i>G06F 21/32</i> ( 2013.01 )  <i>G07C 9/37</i> ( 2020.01 )                      (87) WO2021/069411                      (31) 1911299 (32) 11.10.19 (33) FR                      (43) 15.04.2021                      (72) MCKELL-REDWOOD, Colin; WILLINGHAM, Matt Parker; TORRES, Nicolas; NAYLOR, Michael Anthony                      (74) Griffith Hack</p>
<p>(71) Aegis Therapeutics, LLC; Opiant Pharmaceuticals, Inc.                      (11) AU-A-2019403368                      (21) 2019403368 (22) 19.12.2019</p>	<p>(71) Amicro Semiconductor Co., Ltd.                      (11) AU-A-2019397879                      (21) 2019397879 (22) 11.11.2019</p>	

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**A61K 31/19** ( 2006.01 )  
**A61K 31/59** ( 2006.01 )  
**A61P 1/14** ( 2006.01 )  
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**B02C 7/12** ( 2006.01 )  
**D21D 1/20** ( 2006.01 )  
**D21D 1/26** ( 2006.01 )  
**D21D 1/30** ( 2006.01 )  
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**C25B 1/04** ( 2021.01 )  
**B60L 50/75** ( 2019.01 )  
**H01M 16/00** ( 2006.01 )  
**H01M 8/0656** ( 2016.01 )  
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**A47J 31/52** ( 2006.01 )  
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**C12N 15/115** ( 2010.01 )  
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**A61K 9/20** ( 2006.01 )  
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**A61K 31/167** ( 2006.01 )  
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**C12N 9/10** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
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**A61B 3/032** ( 2006.01 )  
**A61B 3/028** ( 2006.01 )  
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**B64C 39/02** ( 2006.01 )  
**B64D 1/12** ( 2006.01 )  
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**B01D 61/36** ( 2006.01 )  
**B01D 63/02** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
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CNP conjugates  
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A61K 9/00 ( 2006.01 )  
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A61K 38/27 ( 2006.01 )  
A61K 47/12 ( 2006.01 )  
A61K 47/18 ( 2017.01 )  
A61K 47/26 ( 2006.01 )  
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netic resonance imaging comprising  
same and zwitterionic ligand compound  
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C07C 211/63 ( 2006.01 )  
A61K 49/06 ( 2006.01 )  
B82Y 15/00 ( 2011.01 )  
C07C 211/64 ( 2006.01 )  
C07C 309/13 ( 2006.01 )  
C07D 207/06 ( 2006.01 )  
C07D 211/34 ( 2006.01 )  
C07D 211/62 ( 2006.01 )  
C07D 217/10 ( 2006.01 )  
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- C12P 17/16 ( 2006.01 )  
A61K 31/5377 ( 2006.01 )  
C07C 255/58 ( 2006.01 )  
C07D 209/88 ( 2006.01 )  
C07D 239/24 ( 2006.01 )  
C07D 413/04 ( 2006.01 )  
C07D 413/14 ( 2006.01 )  
C07D 471/04 ( 2006.01 )  
C07F 5/02 ( 2006.01 )  
C12P 11/00 ( 2006.01 )  
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F04D 29/44 ( 2006.01 )  
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dyskinesia in cerebral palsy  
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A61K 31/4745 ( 2006.01 )  
A61P 25/02 ( 2006.01 )  
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A61K 39/395 ( 2006.01 )  
C07K 16/40 ( 2006.01 )  
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model of a patient specific anatomy  
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G06T 17/00 ( 2006.01 )  
G06T 19/00 ( 2011.01 )  
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E04G 21/32 ( 2006.01 )  
E04G 3/18 ( 2006.01 )  
E04G 5/04 ( 2006.01 )  
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and related manufacturing method  
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A61M 25/06 ( 2006.01 )  
A61M 5/32 ( 2006.01 )  
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(21) 2020206692 (22) 08.01.2020  
(54) Pharmaceutical compositions comprising (S)-4-(4-(((2-(2,6-dioxopiperidin-3-yl)-1-oxoisindolin-4-yl)oxy)methyl)benzyl)piperazin-1-yl)-3-fluorobenzonitrile and methods of using the same  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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(54) Solid forms comprising (s)-4-(4-(((2-(2,6-dioxopiperidin-3-yl)-1-oxoisindolin-4-yl)oxy)methyl)benzyl)piperazin-1-yl)-3-fluorobenzonitrile and salts thereof, and compositions comprising and methods of using the same  
(51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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(51) Int. Cl.  
**C07H 3/04** ( 2006.01 )  
**A23L 27/30** ( 2016.01 )  
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**A01N 41/10** ( 2006.01 )  
**A01N 43/82** ( 2006.01 )  
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**A01P 7/00** ( 2006.01 )  
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**D07B 1/06** ( 2006.01 )  
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**G06F 16/23** ( 2019.01 )  
**H04L 29/08** ( 2006.01 )  
**H04W 4/12** ( 2009.01 )
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**A23L 5/10** ( 2016.01 )  
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**A21D 13/31** ( 2017.01 )  
**A21D 13/34** ( 2017.01 )  
**A23L 3/36** ( 2006.01 )  
**A23P 20/10** ( 2016.01 )
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- (51) Int. Cl.

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**B65G 17/48** ( 2006.01 )  
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**(51)** Int. Cl.  
**B02C 19/06** ( 2006.01 )  
**B02C 21/00** ( 2006.01 )  
**B02C 23/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02M 7/48** ( 2007.01 )  
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**(51)** Int. Cl.  
**A61K 31/167** ( 2006.01 )  
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**(54)** One-time pads encryption hub  
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**H04L 9/06** ( 2006.01 )  
**G06F 21/60** ( 2013.01 )  
**H04L 29/06** ( 2006.01 )  
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 from a satellite  
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**H04B 10/112** ( 2013.01 )  
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 hydrokinetic turbines  
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**F16H 61/48** ( 2006.01 )  
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**F16H 1/20** ( 2006.01 )  
**F16H 41/24** ( 2006.01 )  
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**(51)** Int. Cl.  
**A01N 25/10** ( 2006.01 )  
**A01N 59/12** ( 2006.01 )  
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 ulting compositions  
**(51)** Int. Cl.  
**A61K 35/57** ( 2015.01 )  
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**A23J 3/30** ( 2006.01 )  
**A23L 15/00** ( 2016.01 )  
**A23L 33/17** ( 2016.01 )  
**A61K 8/64** ( 2006.01 )  
**A61K 8/98** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
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**G06T 7/00** ( 2017.01 )  
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**B65D 5/30** ( 2006.01 )  
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**C07C 273/10** ( 2006.01 )  
**C01C 1/04** ( 2006.01 )  
**C07C 29/151** ( 2006.01 )  
**C07C 31/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07C 273/10** ( 2006.01 )  
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**C07C 29/151** ( 2006.01 )  
**C07C 31/04** ( 2006.01 )  
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**C25B 1/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C01B 3/12** ( 2006.01 )  
**C01B 3/38** ( 2006.01 )  
**C01B 3/58** ( 2006.01 )  
**C07C 29/151** ( 2006.01 )  
**C10G 2/00** ( 2006.01 )  
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 (51) Int. Cl.  
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     C07C 29/151 ( 2006.01 )  
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     G09B 7/00 ( 2006.01 )  
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     B01J 23/46 ( 2006.01 )  
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     C01B 21/26 ( 2006.01 )  
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G02B 5/18 ( 2006.01 )  
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- (71) Paragon 28, Inc.  
 (11) AU-A-2019397526  
 (21) 2019397526 (22) 13.12.2019  
 (54) Alignment instruments and methods for use in total ankle replacement  
 (51) Int. Cl.  
**A61B 17/17** ( 2006.01 )  
 (87) WO2020/123899  
 (31) 62/779,436 (32) 13.12.18 (33) US  
 62/899,655 12.09.19 US  
 (43) 18.06.2020  
 (72) LEE, Daniel J.; DOGUÉ, Joseph; ALLARD, Randy; BARMES, Francis D.; DALTON, Mark Ray; DACOSTA, Albert; RAYMOND, Spanky  
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- (71) Paragon 28, Inc.  
 (11) AU-A-2019397555  
 (21) 2019397555 (22) 13.12.2019  
 (54) Joint replacement alignment guides, systems and methods of use and assembly  
 (51) Int. Cl.  
**A61B 17/17** ( 2006.01 )



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**A61B 17/16** ( 2006.01 )  
**A61B 17/66** ( 2006.01 )  
**(87)** WO2020/124044  
**(31)** 62/779,436 **(32)** 13.12.18 **(33)** US  
62/899,655 12.09.19 US  
62/899,703 12.09.19 US  
62/899,740 12.09.19 US  
**(43)** 18.06.2020  
**(72)** LEE, Daniel J.; DOGUÉ, Joseph; RAYMOND, Spanky  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Paragon 28, Inc.  
**(11)** AU-A-2019398097  
**(21)** 2019398097 **(22)** 06.12.2019  
**(54)** Trial insert assembly  
**(51)** Int. Cl.  
**A61M 5/20** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**A61M 5/50** ( 2006.01 )  
**(87)** WO2020/123307  
**(31)** 62/779,092 **(32)** 13.12.18 **(33)** US  
62/779,436 13.12.18 US  
62/899,646 12.09.19 US  
**(43)** 18.06.2020  
**(72)** DALTON, Mark Ray; ALLARD, Randy  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Paragon 28, Inc.  
**(11)** AU-A-2019398462  
**(21)** 2019398462 **(22)** 13.12.2019  
**(54)** Patient specific instruments and methods of use  
**(51)** Int. Cl.  
**A61B 17/15** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**(87)** WO2020/124007  
**(31)** 62/779,436 **(32)** 13.12.18 **(33)** US  
62/890,611 22.08.19 US  
**(43)** 18.06.2020  
**(72)** ALLARD, Randy; BARMES, Francis D.; DALTON, Mark Ray; DOGUÉ, Joseph; KANNARD, Aaron; LEE, Daniel J.  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Paragon 28, Inc.  
**(11)** AU-A-2019398470  
**(21)** 2019398470 **(22)** 13.12.2019  
**(54)** Distractors having attachable paddles, impaction devices, and methods for use in total ankle replacement  
**(51)** Int. Cl.  
**A61B 17/66** ( 2006.01 )  
**A61B 17/02** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/60** ( 2006.01 )  
**A61B 17/92** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**(87)** WO2020/124047  
**(31)** 62/779,092 **(32)** 13.12.18 **(33)** US  
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62/898,854 11.09.19 US
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- (43)** 18.06.2020  
**(72)** DALTON, Mark Ray; CHRISTENSEN, Jeffrey; KANNARD, Aaron; LEE, Daniel J.; DOGUÉ, Joseph  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Paragon 28, Inc.  
**(11)** AU-A-2019398471  
**(21)** 2019398471 **(22)** 13.12.2019  
**(54)** Instruments, guides and related methods for total ankle replacement  
**(51)** Int. Cl.  
**A61B 17/15** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61F 2/42** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**(87)** WO2020/124052  
**(31)** 62/779,092 **(32)** 13.12.18 **(33)** US  
62/898,854 11.09.19 US  
**(43)** 18.06.2020  
**(72)** DOGUÉ, Joseph; LEE, Daniel J.; DALTON, Mark Ray  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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**(11)** AU-A-2018452738  
**(21)** 2018452738 **(22)** 12.12.2018  
**(54)** Binning for nonlinear modeling  
**(51)** Int. Cl.  
**G06F 15/00** ( 2006.01 )  
**(87)** WO2020/118554  
**(43)** 18.06.2020  
**(72)** CAI, Fan; ZHU, Rongsheng; YU, Yingying  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Pearson Education, Inc.  
**(11)** AU-A-2020206120  
**(21)** 2020206120 **(22)** 08.01.2020  
**(54)** Visually indicating on a user interface lengths, types of content, structure and current user location within a corpus of electronic content  
**(51)** Int. Cl.  
**G06F 3/01** ( 2006.01 )  
**G06F 3/048** ( 2013.01 )  
**G06F 3/0483** ( 2013.01 )  
**G06F 3/14** ( 2006.01 )  
**(87)** WO2020/146465  
**(31)** 16/244,692 **(32)** 10.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** PACE, Michael; BECKLEY, Adam; SMITH, Paul; VLASSAREV, Laura; SCHNEIDER, Emily  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Pfizer, Inc.  
**(11)** AU-A-2020205968  
**(21)** 2020205968 **(22)** 07.01.2020  
**(54)** Injection assist device  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**A61M 5/19** ( 2006.01 )
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- A61M 5/20** ( 2006.01 )  
**A61M 5/24** ( 2006.01 )  
**A61M 5/30** ( 2006.01 )  
**(87)** WO2020/146426  
**(31)** 62/789,460 **(32)** 07.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** HOPKINS, Joshua; PALYO, Matthew; LETTMAN, Jeffery A.; CASTILLO, Luis; DESANTO, Kristin; ATKIN, Marcus; REKAYA, Naceur; WILSON, Simon  
**(74)** Shelston IP Pty Ltd.
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- (71)** Pfizer Inc.  
**(11)** AU-A-2020209500  
**(21)** 2020209500 **(22)** 13.01.2020  
**(54)** Crystalline form of a CDK inhibitor  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/148635  
**(31)** 62/793,516 **(32)** 17.01.19 **(33)** US  
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**(43)** 23.07.2020  
**(72)** BEHENNA, Douglas Carl; ORNELAS, Martha Alicia  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Philip Morris Products S.A.  
**(11)** AU-A-2020251207  
**(21)** 2020251207 **(22)** 03.04.2020  
**(54)** Aerosol-generating article comprising a hollow tubular support element  
**(51)** Int. Cl.  
**A24F 47/00** ( 2020.01 )  
**A24D 1/20** ( 2020.01 )  
**A24D 3/02** ( 2006.01 )  
**(87)** WO2020/201566  
**(31)** 19167405.0 **(32)** 04.04.19 **(33)** EP  
**(43)** 08.10.2020  
**(72)** PAPAKYRILLOU, Stefanos  
**(74)** Sprunson & Ferguson
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- (71)** Pionyr Immunotherapeutics, Inc.  
**(11)** AU-A-2019397479  
**(21)** 2019397479 **(22)** 11.12.2019  
**(54)** Methods of using anti-TREM2 antibodies  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**(87)** WO2020/123664  
**(31)** PCT/US2018/065026 **(32)** 11.12.18 **(33)** US  
62/889,990 21.08.19 US  
**(43)** 18.06.2020  
**(72)** STREULLI, Michel; PRESTA, Leonard G.; SRIRAM, Venkataraman; PAL, Arithra; JAHCHAN, Nadine; BINNEWIES, Mikhail; POLLACK, Joshua L.; DU, Xiaoyan  
**(74)** FB Rice Pty Ltd
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- (71)** Pipeline Medical Technologies, Inc.  
**(11)** AU-A-2019397490  
**(21)** 2019397490 **(22)** 11.12.2019

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 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61B 17/03** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
**A61B 17/062** ( 2006.01 )  
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 (31) PCT/US2019/021480 (32) 08.03.19 (33) US  
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 (43) 18.06.2020  
 (72) BISHOP, Gordon B.; GRISWOLD, Erik; MCDANIEL, Stephen R.; PHAM, Trung H.; PURCELL, Cameron P.; LAM, Hien N.  
 (74) Griffith Hack
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- (71) Plantics B.V.  
 (11) AU-A-2020211687  
 (21) 2020211687 (22) 20.01.2020  
 (54) Biodegradable container and plate material and method for the manufacture thereof  
 (51) Int. Cl.  
**D21H 27/10** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )  
**B65D 65/42** ( 2006.01 )  
**D21H 19/28** ( 2006.01 )  
 (87) WO2020/152082  
 (31) 19152714.2 (32) 21.01.19 (33) EP  
 (43) 30.07.2020  
 (72) ALBERTS, Albert Henderikus; THYS, Ferry Ludovicus; BAKKER, Wridzer Jan Willem  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Plastecs Srl  
 (11) AU-A-2019391445  
 (21) 2019391445 (22) 05.12.2019  
 (54) Treatment device for walkable surfaces, as for example floors  
 (51) Int. Cl.  
**A47L 11/26** ( 2006.01 )  
**A47L 11/30** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
 (87) WO2020/115780  
 (31) 102018000010902 (32) 07.12.18 (33) IT  
 (43) 11.06.2020  
 (72) MILANESE, Pier Antonio  
 (74) Collison & Co
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- (71) Politecnico di Bari  
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 (21) 2020211049 (22) 17.01.2020  
 (54) Trap for horizontal flow marine sediments  
 (51) Int. Cl.  
**G01N 1/20** ( 2006.01 )  
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 (31) 102019000000931 (32) 22.01.19 (33) IT
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 (72) MOSSA, Michele; BEN MEFTAH, Mouldi; DE SERIO, Francesca; ORSI, Marco; TUCCI, Sergio; SICCARDI, Antonio; PETRILLO, Antonio Felice  
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Pontificia Universidad Catolica de Chile  
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 (21) 2019417986 (22) 03.01.2019  
 (54) Biochemical diagnostic test for attention-deficit/hyperactivity disorder (ADHD)  
 (51) Int. Cl.  
**G01N 33/92** ( 2006.01 )  
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 (43) 09.07.2020  
 (72) HENRÍQUEZ, Marcela; SOLARI, Sandra; QUIROGA, Sara; VARGAS, Sergio; ROJAS, Eric  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Position Partners Pty Ltd  
 (11) AU-A-2019421123  
 (21) 2019421123 (22) 19.12.2019  
 (54) A civil construction site control system and method of use  
 (51) Int. Cl.  
**G01S 19/43** ( 2010.01 )  
**H04W 4/021** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
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 (31) 2019900075 (32) 10.01.19 (33) AU  
 (43) 16.07.2020  
 (72) KRENSKE, Aaron  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Precision Alignment Holdings Pty Ltd  
 (11) AU-A-2020220232  
 (21) 2020220232 (22) 11.02.2020  
 (54) An inertial measurement unit and method of operation  
 (51) Int. Cl.  
**E21B 47/024** ( 2006.01 )  
**G01C 21/04** ( 2006.01 )  
**G01C 21/16** ( 2006.01 )  
**G01C 25/00** ( 2006.01 )  
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 (31) 2019900432 (32) 11.02.19 (33) AU  
 (43) 20.08.2020  
 (72) WALKER, Hayden Scott Thomas; BULLOCK, Peter; MIITEL, David  
 (74) Spruson & Ferguson
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- (71) PTC Therapeutics, Inc.; Sanford Burnham Prebys Medical Discovery Institute  
 (11) AU-A-2020209767  
 (21) 2020209767 (22) 15.01.2020  
 (54) Method for treating an acute myeloid leukemia  
 (51) Int. Cl.  
**A61P 35/02** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )
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- A61K 45/06** ( 2006.01 )  
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 (31) 62/792,502 (32) 15.01.19 (33) US  
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 (72) WEETALL, Marla L.; DESHPANDE, Aniruddha Jayant; BARBOSA GUERRA, Karina Ofelia  
 (74) FB Rice Pty Ltd
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- (71) Q.E.D. Environmental Systems, Inc.  
 (11) AU-A-2020301062  
 (21) 2020301062 (22) 14.02.2020  
 (54) Fluid pump system for groundwater wells with intelligent cycle count and air supply valve monitoring  
 (51) Int. Cl.  
**E21B 43/12** ( 2006.01 )  
**F04B 47/08** ( 2006.01 )  
**F04B 49/06** ( 2006.01 )  
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 (31) 62/866,977 (32) 26.06.19 (33) US  
 (43) 30.12.2020  
 (72) SCHAUPP, John F.  
 (74) Spruson & Ferguson
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- (71) Quantum-Si Incorporated  
 (11) AU-A-2020210940  
 (21) 2020210940 (22) 23.01.2020  
 (54) High intensity labeled reactant compositions and methods for sequencing  
 (51) Int. Cl.  
**C07H 19/00** ( 2006.01 )  
**C12Q 1/6818** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
 (87) WO2020/154546  
 (31) 62/795,932 (32) 23.01.19 (33) US  
 (43) 30.07.2020  
 (72) ROTHBERG, Jonathan M.; LACKEY, Jeremy; REED, Brian; SHI, Xinghua; HUANG, Haidong; DODD, David  
 (74) Davies Collison Cave Pty Ltd
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- (71) Rapid Phenotyping Pty Limited  
 (11) AU-A-2019393832  
 (21) 2019393832 (22) 04.12.2019  
 (54) Refractive scanning interferometer  
 (51) Int. Cl.  
**G01J 3/45** ( 2006.01 )  
**G01J 9/02** ( 2006.01 )  
 (87) WO2020/113272  
 (31) 2018904607 (32) 04.12.18 (33) AU  
 (43) 11.06.2020  
 (72) RODD-ROUTLEY, Selene  
 (74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Rappaport Family Institute for Research in the Medical Sciences  
 (11) AU-A-2019396761  
 (21) 2019396761 (22) 12.12.2019  
 (54) Method of treating cancer with an immune checkpoint inhibitor in combination with another therapeutic agent  
 (51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )

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**A61K 39/00** ( 2006.01 )  
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**(31)** 16/219,203 **(32)** 13.12.18 **(33)** US  
**(43)** 18.06.2020  
**(72)** SHAKED, Yuval  
**(74)** Collison & Co

**(71)** Raytheon Company  
**(11)** AU-A-2020276155  
**(21)** 2020276155 **(22)** 12.03.2020  
**(54)** Automated radar assembly system  
**(51)** Int. Cl.  
**G01S 7/02** ( 2006.01 )  
**B25J 9/10** ( 2006.01 )  
**G01S 13/02** ( 2006.01 )  
**(87)** WO2020/231501  
**(31)** 16/411,034 **(32)** 13.05.19 **(33)** US  
**(43)** 19.11.2020  
**(72)** DIAZ, Jayson; MICELI, David A.; MURPHY, William J.; STANGAS, Nicholas  
**(74)** RnB IP Pty Ltd

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2020212022  
**(21)** 2020212022 **(22)** 23.01.2020  
**(54)** Quantitation and identification of dimers in co-formulations  
**(51)** Int. Cl.  
**G01N 30/88** ( 2006.01 )  
**G01N 30/72** ( 2006.01 )  
**G01N 30/74** ( 2006.01 )  
**(87)** WO2020/154525  
**(31)** 62/796,794 **(32)** 25.01.19 **(33)** US  
 62/852,591 24.05.19 US  
**(43)** 30.07.2020  
**(72)** YAN, Yuetian; WANG, Shunhai  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2020212040  
**(21)** 2020212040 **(22)** 24.01.2020  
**(54)** Protein a chromatography - electrospray ionization mass spectrometer  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**G01N 30/02** ( 2006.01 )  
**G01N 30/72** ( 2006.01 )  
**(87)** WO2020/154598  
**(31)** 62/796,820 **(32)** 25.01.19 **(33)** US  
**(43)** 30.07.2020  
**(72)** WANG, Shunhai  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2020226865  
**(21)** 2020226865 **(22)** 21.02.2020  
**(54)** Rodents having genetically modified sodium channels and methods of use thereof  
**(51)** Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2020/172505  
**(31)** 62/808,957 **(32)** 22.02.19 **(33)** US

**(43)** 27.08.2020  
**(72)** ALESSANDRI-HABER, Nicole; MURPHY, Andrew J.; MACDONALD, Lynn  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Regents of The University of Minnesota  
**(11)** AU-A-2020204994  
**(21)** 2020204994 **(22)** 03.01.2020  
**(54)** Genetically modified cells, tissues, and organs for treating disease  
**(51)** Int. Cl.  
**C07K 14/74** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/79** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2020/142750  
**(31)** 62/788,044 **(32)** 03.01.19 **(33)** US  
**(43)** 09.07.2020  
**(72)** HERING, Bernhard J.; BURLAK, Christopher  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Research Triangle Institute  
**(11)** AU-A-2020208422  
**(21)** 2020208422 **(22)** 16.01.2020  
**(54)** Polyamine phosphorus dendrimer materials for metal sequestration  
**(51)** Int. Cl.  
**C02F 1/28** ( 2006.01 )  
**B01J 20/32** ( 2006.01 )  
**B01J 20/34** ( 2006.01 )  
**(87)** WO2020/150457  
**(31)** 62/793,644 **(32)** 17.01.19 **(33)** US  
**(43)** 23.07.2020  
**(72)** THOMPSON, Samuel John; SOUKRI, Mustapha  
**(74)** WRAYS PTY LTD

**(71)** RHEEM MANUFACTURING COMPANY  
**(11)** AU-A-2020205648  
**(21)** 2020205648 **(22)** 08.01.2020  
**(54)** Integrated uninterruptible power supplies for appliances  
**(51)** Int. Cl.  
**F24H 1/00** ( 2006.01 )  
**(87)** WO2020/146464  
**(31)** 16/243,556 **(32)** 09.01.19 **(33)** US  
**(43)** 16.07.2020  
**(72)** TRANT, Troy; BROWN, Robert D.  
**(74)** Halfords IP

**(71)** RKW SE  
**(11)** AU-A-2020269289  
**(21)** 2020269289 **(22)** 02.05.2020  
**(54)** Breathable film  
**(51)** Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**A61F 13/514** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
**(87)** WO2020/225165  
**(31)** 10 2019 111 445.4 **(32)** 03.05.19 **(33)** DE

**(43)** 12.11.2020  
**(72)** KOPLIN, Robert; BECKER, Dennis; MEIER, Christoph; ARLT, Thomas  
**(74)** Spruson & Ferguson

**(71)** Robel Bahnbaumaschinen GmbH  
**(11)** AU-A-2020205447  
**(21)** 2020205447 **(22)** 09.01.2020  
**(54)** Cutting grinder and method for cutting through a rail of a track  
**(51)** Int. Cl.  
**E01B 31/04** ( 2006.01 )  
**B23D 45/00** ( 2006.01 )  
**B23D 59/00** ( 2006.01 )  
**(87)** WO2020/144291  
**(31)** 10 2019 200 303.6 **(32)** 11.01.19 **(33)** DE  
**(43)** 16.07.2020  
**(72)** WIDLROITHER, Otto; HÖLZLWIMMER, Thomas  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Saint-Gobain Isover  
**(11)** AU-A-2020206005  
**(21)** 2020206005 **(22)** 08.01.2020  
**(54)** Method for manufacturing an insulation product based on mineral wool  
**(51)** Int. Cl.  
**C03C 25/1095** ( 2018.01 )  
**C03C 25/321** ( 2018.01 )  
**C09J 103/02** ( 2006.01 )  
**D04H 1/4209** ( 2012.01 )  
**D04H 1/4218** ( 2012.01 )  
**D04H 1/587** ( 2012.01 )  
**D04H 1/64** ( 2012.01 )  
**(87)** WO2020/144436  
**(31)** 1900256 **(32)** 11.01.19 **(33)** FR  
**(43)** 16.07.2020  
**(72)** LEGRAND, Aurélie; OBERT, Edouard; TOULEMON, Delphine  
**(74)** Griffith Hack

**(71)** SAMOA Industrial, S.A.  
**(11)** AU-A-2020211110  
**(21)** 2020211110 **(22)** 20.01.2020  
**(54)** Low-pressure starter device for pneumatic pumps  
**(51)** Int. Cl.  
**F04B 43/073** ( 2006.01 )  
**F16K 11/052** ( 2006.01 )  
**(87)** WO2020/152565  
**(31)** P201930040 **(32)** 21.01.19 **(33)** ES  
**(43)** 30.07.2020  
**(72)** GONZALEZ-MORATIEL ALVAREZ, Alberto  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Samplix ApS  
**(11)** AU-A-2020213695  
**(21)** 2020213695 **(22)** 31.01.2020  
**(54)** A microfluidic device and a method for provision of double emulsion droplets  
**(51)** Int. Cl.  
**B01F 3/08** ( 2006.01 )  
**B01F 13/00** ( 2006.01 )  
**B01F 13/10** ( 2006.01 )  
**(87)** WO2020/157262

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**C05G 5/00** ( 2020.01 )  
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<b>2018452571</b>	Ecolab USA Inc.	<b>2019398462</b>	Paragon 28, Inc.
<b>2018452704</b>	Koligo Therapeutics, Inc.	<b>2019398470</b>	Paragon 28, Inc.
<b>2018452738</b>	PayPal, Inc.	<b>2019398471</b>	Paragon 28, Inc.
<b>2018453622</b>	Tcherniakovski, N.; Obshchestvo S Ogranichennoy Otvetstvennostyu "NTLAB-SC"	<b>2019398579</b>	Sanofi
<b>2018454053</b>	Citrix Systems, Inc.	<b>2019398658</b>	Sanofi
<b>2018454293</b>	Suez Groupe	<b>2019398785</b>	Filtra Group Oy
<b>2018454921</b>	Kraft Foods Schweiz Holding GmbH	<b>2019399250</b>	Kyocera Corporation
<b>2018455235</b>	MI Robotic Solutions S.A.	<b>2019399365</b>	ShoreTension Holding B.V.
<b>2018455583</b>	CRRC Qishuyan Institute Co., Ltd.; CRRC Changzhou Tech-Mark Industrial Co., Ltd.	<b>2019399877</b>	Beijing Tusen Zhitu Technology Co., Ltd.
<b>2019379234</b>	Lactobio A/S	<b>2019399965</b>	Gambro Lundia AB
<b>2019391397</b>	Lipicare Life Sciences Ltd.	<b>2019400562</b>	Borealis AG
<b>2019391445</b>	Plastecs Srl	<b>2019400738</b>	AstraZeneca AB
<b>2019391512</b>	Otsuka Chemical Co., Ltd.	<b>2019401586</b>	Mynarcik, D.
<b>2019391593</b>	Suntory Holdings Limited	<b>2019401608</b>	Synthetic Genomics, Inc.
<b>2019391599</b>	Suntory Holdings Limited	<b>2019401729</b>	HK Inno.N Corporation
<b>2019391652</b>	Ecovatec Solutions Inc.	<b>2019403057</b>	Figene, LLC
<b>2019391935</b>	Suntory Holdings Limited	<b>2019403198</b>	MatriSys Bioscience, Inc.
<b>2019391944</b>	Suntory Holdings Limited	<b>2019403368</b>	Aegis Therapeutics, LLC; Opiant Pharmaceuticals, Inc.
<b>2019392184</b>	Hewlett-Packard Development Company, L.P.	<b>2019403434</b>	Bio Industrial Technology, Incorporated
<b>2019392231</b>	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	<b>2019403445</b>	AIM ImmunoTech Inc.
<b>2019392435</b>	Koninklijke Philips N.V.	<b>2019403447</b>	Ionis Pharmaceuticals, Inc.
<b>2019392578</b>	Ayoub, C.	<b>2019403480</b>	MJNN LLC
<b>2019392588</b>	Shumka, J.; Shumka, T.	<b>2019404156</b>	C.M.C. S.p.A.
<b>2019392679</b>	Washington University	<b>2019404213</b>	H.J. Heinz Company Brands LLC
<b>2019392781</b>	Ultima Genomics, Inc.	<b>2019404615</b>	Manumba Pty Ltd
<b>2019393005</b>	Forendo Pharma Ltd.	<b>2019405925</b>	KSQ Therapeutics, Inc.
<b>2019393077</b>	The Brigham and Women's Hospital, Inc.	<b>2019406077</b>	CRISP SENSATION Holding B.V.
<b>2019393256</b>	Neurocrine Biosciences, Inc.; Sanofi	<b>2019406199</b>	Avidity Biosciences, Inc.
<b>2019393559</b>	SUNTORY HOLDINGS LIMITED	<b>2019407087</b>	Borealis AG
<b>2019393560</b>	SUNTORY HOLDINGS LIMITED	<b>2019408409</b>	Deutsches Zentrum für Luft- und Raumfahrt e.V.
<b>2019393601</b>	LG Electronics Inc.	<b>2019408917</b>	Aptamer Diagnostics Limited
<b>2019393832</b>	Rapid Phenotyping Pty Limited	<b>2019409127</b>	SUEZ Groupe
<b>2019393834</b>	Get Branded Pty Ltd	<b>2019409703</b>	B. Braun Melsungen AG
<b>2019394361</b>	Jefic, N.	<b>2019410394</b>	Inventio AG
<b>2019394996</b>	Arcturus Therapeutics, Inc.	<b>2019410699</b>	Marel Salmon A/S
<b>2019395023</b>	Celltheon Corporation	<b>2019410856</b>	Leica Geosystems AG
<b>2019395250</b>	Auspex Pharmaceuticals, Inc.	<b>2019411375</b>	Tsinghua University
<b>2019395281</b>	Paragon 28, Inc.	<b>2019412231</b>	Vivo Mobile Communication Co., Ltd.
<b>2019395318</b>	Paragon 28, Inc.	<b>2019412317</b>	Shanghai Microport Cardioflow Medtech Co., Ltd.
<b>2019395338</b>	Ideaya Biosciences, Inc.	<b>2019412331</b>	ITabMed (HK) Limited
<b>2019395353</b>	The Regents of the University of California; Case West- ern Reserve University	<b>2019412420</b>	Sinovation (Beijing) Medical Technology Co. Ltd
<b>2019395366</b>	VISA International Service Association	<b>2019413110</b>	7912854 Canada Inc.
<b>2019395388</b>	Solid Biosciences Inc.	<b>2019413312</b>	Xunteng (GUANGDONG) Technology Co., Ltd.
<b>2019395410</b>	Synthetic Genomics, Inc.	<b>2019413517</b>	Vivo Mobile Communication Co., Ltd.
<b>2019396123</b>	Armitage Optometry Pty Ltd	<b>2019414291</b>	Sulvaris Inc.
<b>2019396761</b>	Rappaport Family Institute for Research in the Medical Sciences	<b>2019414459</b>	Huawei Technologies Co., Ltd.
<b>2019397176</b>	Paragon 28, Inc.	<b>2019414460</b>	Huawei Technologies Co., Ltd.
<b>2019397239</b>	Weatherford Technology Holdings, LLC	<b>2019414470</b>	Xunteng (GUANGDONG) Technology Co., Ltd.
<b>2019397309</b>	Shanghai Junshi Biosciences Co., Ltd.; Suzhou Jun- meng Biosciences Co., Ltd.	<b>2019415174</b>	Tokyo Institute of Technology; Yokogawa Electric Cor- poration
<b>2019397358</b>	JRHS Therapeutics Inc.	<b>2019415375</b>	Astellas Pharma Inc.; Riken; National Institutes for Quantum and Radiological Science and Technology
<b>2019397461</b>	Sarepta Therapeutics, Inc.	<b>2019415474</b>	Xunteng (GUANGDONG) Technology Co., Ltd.
<b>2019397479</b>	Pionyr Immunotherapeutics, Inc.	<b>2019415478</b>	Xunteng (GUANGDONG) Technology Co., Ltd.
<b>2019397490</b>	Pipeline Medical Technologies, Inc.	<b>2019415834</b>	Yunjing Intelligence Technology (Dongguan) Co., Ltd.
<b>2019397526</b>	Paragon 28, Inc.	<b>2019415870</b>	Sinovation (Beijing) Medical Technology Co. Ltd
<b>2019397555</b>	Paragon 28, Inc.	<b>2019416124</b>	Differential Dynamics Corporation
<b>2019397600</b>	Master Sinks (Pty) Ltd	<b>2019416157</b>	Korea Institute of Geoscience and Mineral Resources(KIGAM)
<b>2019397879</b>	Amicro Semiconductor Co., Ltd.	<b>2019417984</b>	Smart Earth Camelina Corp
<b>2019397998</b>	Square, Inc.	<b>2019417986</b>	Pontificia Universidad Catolica de Chile
<b>2019398025</b>	Fazio, R.	<b>2019418405</b>	Uipco, LLC
<b>2019398095</b>	Square Panda Inc.	<b>2019418588</b>	Hemanext Inc.
<b>2019398097</b>	Paragon 28, Inc.	<b>2019418627</b>	United Neuroscience Limited
		<b>2019418739</b>	Caterpillar Inc.
		<b>2019419130</b>	Huawei Technologies Co., Ltd.
		<b>2019419322</b>	Huawei Technologies Co., Ltd.

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2019419763	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020206381	Zensun (Shanghai) Science & Technology, Co., Ltd.
2019420059	Goo, J.H.	2020206416	Kritzler, S.
2019420099	Google LLC	2020206446	Colas
2019420110	University of Kentucky Research Foundation	2020206521	FermentaIq
2019420189	XW Laboratories Inc.	2020206541	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2019420490	Caterpillar Inc.	2020206554	Aspire Kunshan, Limited
2019421123	Position Partners Pty Ltd	2020206679	BNNT, LLC
2019421303	Li, C.	2020206692	Celgene Corporation
2019421319	Huawei Technologies Co., Ltd.	2020206694	Celgene Corporation
2019421360	Headway Innovation, Inc.	2020206722	Travecta Therapeutics Pte. Ltd.
2019421362	Medal Technologies, LLC	2020206853	Schreder S.A.
2019421568	Headway Innovation, Inc.	2020206865	Kandin, P.
2019421587	Caterpillar Inc.	2020206883	Defender Cyber Technologies Ltd.
2019421596	Micro-Leads, Inc.	2020206970	Schreder S.A.
2019421779	Fuel Active Limited	2020206999	Agilent Technologies, Inc.; The Trustees of the University of Pennsylvania
2019421939	Wisteria Co., Ltd.	2020207004	LTS Lohmann Therapie-Systeme AG
2019422089	Wuhan Vast Conduct Science Foundation Co., Ltd.	2020207026	Lipomedix Pharmaceuticals Ltd.; Shaare Zedek Scientific Ltd.
2019423269	MediBeacon Inc.	2020207037	The Nielsen Company (US), LLC
2019423879	Mitsubishi Heavy Industries Engineering, Ltd.; The Kansai Electric Power Co., Inc.	2020207053	Caris MPI, Inc.
2019424568	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG	2020207124	Samsung Bioepis Co., Ltd.
2019426202	BGI Shenzhen	2020207206	IDAC Holdings, Inc.
2019429074	Everseen Limited	2020207213	Becton, Dickinson and Company
2019431966	Electrolux Appliances Aktiebolag	2020207237	CTL Energy, Inc.
2019433418	Nantong University	2020207408	The Wistar Institute of Anatomy and Biology
2019434978	FUJIFILM Business Innovation Corp.	2020207576	FermentaIq
2019435161	CJ Cheiljedang Corporation	2020207614	Axial Medical Printing Limited
2019436585	Mitsubishi Electric Corporation	2020207707	Fulldepth Co., Ltd.
2019444826	Shao, H.	2020207945	GlycosBio, INC.
2019473210	Vale S.A.	2020207967	Inozyme Pharma, Inc.; Yale University
2020204657	Cargill, Incorporated	2020208143	Becton, Dickinson and Company
2020204666	Countia, LLC	2020208190	Seminis Vegetable Seeds, Inc.
2020204692	Kaydence Pharma AS	2020208193	Genentech, Inc.; BioNTech SE
2020204693	Dow Global Technologies LLC	2020208346	University of Rochester
2020204740	YETI Coolers, LLC	2020208375	Baxalta Incorporated; Baxalta GmbH
2020204763	Haier Smart Home Co., Ltd.	2020208393	Becton, Dickinson and Company
2020204805	Mesoblast International Sarl	2020208399	Becton, Dickinson and Company
2020204809	Mesoblast International Sàrl	2020208400	Cohesity, Inc.
2020204874	Comre IP Pty Ltd	2020208413	Subramaniam, T.
2020204908	William Marsh Rice University	2020208414	Apogee Biotechnology Corporation
2020204936	iDental, Inc.	2020208422	Research Triangle Institute
2020204940	Covanos, Inc.	2020208488	Intersect ENT, Inc.
2020204967	Corbion Biotech Inc.	2020208566	Heraeus Deutschland GmbH & Co. KG
2020204974	SPORTABLE TECHNOLOGIES LTD.	2020208734	Heraeus Deutschland GmbH & Co. KG
2020204994	Regents of The University of Minnesota	2020208909	Inserm (institut National De La Santé Et De La Recherche Médicale); Université de Nantes
2020205033	Apostolopoulos, V.	2020208933	Institut Pasteur
2020205095	General Tools & Instruments Company LLC.	2020208995	British American Tobacco (Investments) Limited
2020205126	Covanos, Inc.	2020209144	vTv Therapeutics LLC
2020205206	Eminent Boardsports B.V.	2020209218	The Trustees of Columbia University in the City of New York
2020205438	MedinCell	2020209225	Becton, Dickinson and Company
2020205443	Ocado Innovation Limited	2020209346	Hatfield, M.J.
2020205444	Schreder S.A.	2020209500	Pfizer Inc.
2020205447	Robel Bahnbaumaschinen GmbH	2020209654	Edwards Lifesciences Corporation
2020205648	RHEEM MANUFACTURING COMPANY	2020209687	Osaka University
2020205651	ObjectVideo Labs, LLC	2020209692	Bunka Shutter Co., Ltd.
2020205659	Gates Corporation	2020209737	5 Health Inc.
2020205761	A.W. Chesterton Company	2020209754	Nuvasive, Inc.
2020205823	ArrowTec GmbH	2020209767	PTC Therapeutics, Inc.; Sanford Burnham Prebys Medical Discovery Institute
2020205931	Isol8 (Holdings) Limited	2020209769	Novozymes A/S
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2020206005	Saint-Gobain Isover	2020210115	Nexter Systems
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2020206109	Translate Bio, Inc.	2020210710	Innate Pharma
2020206117	Magenta Therapeutics, Inc.	2020210731	JPMorgan Chase Bank, N.A.
2020206120	Pearson Education, Inc.	2020210734	CommScope Technologies LLC
2020206139	Nacuity Pharmaceuticals, Inc.	2020210798	Joy Global Underground Mining LLC
2020206280	Asahi Kasei Kabushiki Kaisha		
2020206353	Impact Urban, LLC		
2020206356	CareFusion 303, Inc.		

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2020210821	Schulte-Gobel, C.	2020227664	Cisco Technology, Inc.
2020210903	Smartsky Networks LLC	2020227733	Karcher North America, Inc.
2020210940	Quantum-Si Incorporated	2020227874	Häfele Berlin GmbH & Co KG
2020211049	Politecnico di Bari	2020228385	Millennium Pharmaceuticals, Inc.
2020211110	SAMOA Industrial, S.A.	2020229806	Novartis AG
2020211253	BiSiChem Co., Ltd.	2020229883	Geerdink, R.
2020211284	De' Longhi Appliances S.r.l.	2020229957	Clariant International Ltd
2020211687	Plantics B.V.	2020230852	BASF Coatings GmbH
2020211716	Schreder S.A.	2020231598	Sub-Drill Supply Limited
2020211796	UPL LTD	2020232257	The Chemours Company FC, LLC
2020211809	Soul Machines Limited	2020232350	Dalcor Pharma UK Ltd., Leatherhead, Zug Branch; Montreal Heart Institute
2020211938	Indivior UK Limited	2020237477	Biocompatibles UK Limited; The Johns Hopkins Uni- versity
2020211945	FloDesign Sonics, Inc.	2020240578	Komatsu Ltd.
2020212022	Regeneron Pharmaceuticals, Inc.	2020241097	King Technology Inc.
2020212036	Ironshore Pharmaceuticals & Development, Inc.	2020242858	Cryovac, LLC
2020212040	Regeneron Pharmaceuticals, Inc.	2020242886	Haldor Topsøe A/S
2020212438	CooperVision International Limited	2020244047	Haldor Topsøe A/S
2020212438	CooperVision International Limited	2020247211	Innovacell AG
2020212630	Miller, M.	2020251008	Soul Machines
2020212657	ASAP BreatheAssist Pty Ltd	2020251051	NewSouth Innovations Pty Limited
2020213103	Millennium Pharmaceuticals, Inc.; Molecular Templates, Inc.	2020251207	Philip Morris Products S.A.
2020213695	Samplix ApS	2020253978	BAE Systems PLC
2020213861	IFP Energies nouvelles	2020254232	Epiroc Rock Drills Aktiebolag
2020214469	IFP Energies nouvelles	2020254955	Haldor Topsøe A/S
2020214609	Daikin Industries, Ltd.	2020258963	Atlas Copco (WUXI) Compressor Co., Ltd.
2020214796	Truebinding, Inc.	2020261742	Boston Scientific Scimed, Inc.
2020215103	Samplix ApS	2020269289	RKW SE
2020215146	Enpro Subsea Limited	2020272084	Haldor Topsøe A/S
2020215175	Janssen BioPharma, Inc.	2020273228	Haldor Topsøe A/S
2020215303	Neem Biotech Limited	2020274296	Wright Medical Technology, Inc.
2020215312	The Francis Crick Institute Limited; University College London	2020276155	Raytheon Company
2020215343	Green Motion SA	2020282386	MicroTau IP Pty Ltd
2020215544	Seabed Separation AS	2020294160	SenseTime International Pte. Ltd.
2020215634	Balchem Corporation	2020301062	Q.E.D. Environmental Systems, Inc.
2020215663	Agriculture Victoria Services Pty Ltd	2020327866	Laing, M.
2020215730	Beam Therapeutics Inc.	2020360617	Anglo American Technical & Sustainability Services Limited
2020215795	Numab Therapeutics AG	2020362928	Amadeus S.A.S.
2020215800	Schreder S.A.	2020364192	Anatara Lifesciences Limited
2020216084	Becton, Dickinson and Company	2020379572	Google LLC
2020216186	Wave Life Sciences Ltd.	2020385008	MDSave Shared Services Inc.
2020216438	Guardant Health, Inc.	2020395785	Shandong Lingxiyuan Sci-Tech Development Corpora- tion
2020216444	Ionis Pharmaceuticals, Inc.	2020397281	Yankuang Lunan Chemicals Co.,Ltd.
2020216484	Beam Therapeutics Inc.	2021203745	L & H Industrial, Inc.
2020217543	SKF Recondoil AB		
2020217548	Boston Scientific Neuromodulation Corporation		
2020218477	Boston Scientific Neuromodulation Corporation		
2020218818	Shell Internationale Research Maatschappij B.V.		
2020218926	Compagnie Generale des Etablissements Michelin		
2020218985	Ishihara Sangyo Kaisha, Ltd.		
2020219146	Matrak Shield Pty Ltd		
2020219416	Call Matters SA		
2020219470	Microtec S.r.L.		
2020219701	SKF Recondoil AB		
2020219731	Siemens Healthcare Diagnostics Inc.		
2020219780	Andritz Inc.		
2020220021	Boston Scientific Neuromodulation Corporation		
2020220232	Precision Alignment Holdings Pty Ltd		
2020220357	ethris GmbH		
2020220636	ethris GmbH		
2020221058	Viasat Inc.		
2020222304	Johnson & Johnson Vision Care, Inc.		
2020222983	Viasat Inc.		
2020223060	Beam Therapeutics Inc.		
2020223406	Construction Research & Technology GmbH		
2020223441	Ascendis Pharma Growth Disorders A/S		
2020226380	JAQUISH BIOMEDICAL CORPORATION		
2020226857	Johnson & Johnson Vision Care, Inc.		
2020226865	Regeneron Pharmaceuticals, Inc.		
2020227188	Allnex Netherlands B.V.		
2020227212	Innolith Technology AG		
2020227654	Graphic Packaging International, LLC		

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<b><u>A01G 31 /-</u></b>	<b><u>A01N 51 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61K 31 /-</u></b>
2019403480 2020205443	2020229957	2019391652 2020206521	2020208995	2019395281 2019395318 2019397176 2019397490 2019397526 2019397555 2019398462 2019398470 2019398471 2019399250 2020274296	2019391397 2019392231 2019393005 2019393256 2019395250 2019395338 2019398579 2019400738 2019403368 2019403445 2019405925 2019420189 2020204692 2020205438 2020206109 2020206381 2020206416 2020206694 2020206722 2020207004 2020207026 2020208488 2020209144 2020209500 2020209767 2020209883 2020210564 2020210710 2020211938 2020212036 2020215175 2020215303 2020216186 2020216444 2020220636 2020228385 2020232350 2020364192
<b><u>A01G 9 /-</u></b>	<b><u>A01N 55 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 3 /-</u></b>	
2019403480 2020205443	2020206416	2019391652 2020206521	2020251207	2019396123	
<b><u>A01H 1 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A24D 3 /-</u></b>	<b><u>A61B 34 /-</u></b>	
2020208190 2020215663	2018452571	2020204967	2020208995 2020251207	2019412420 2019415870 2020209754	
<b><u>A01H 5 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A24F 40 /-</u></b>	<b><u>A61B 5 /-</u></b>	
2019417984 2020204657	2018452571	2020204967	2020208995	2019423269 2020204940 2020205126 2020208393	
<b><u>A01H 6 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61C 13 /-</u></b>	
2019417984 2020215663	2020218985	2020204967	2020251207	2020204936	
<b><u>A01K 61 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A41D 1 /-</u></b>	<b><u>A61C 8 /-</u></b>	
2020207707	2019421939	2019421939	2019393834	2020204936	
<b><u>A01K 67 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 15 /-</u></b>	<b><u>A41D 15 /-</u></b>	<b><u>A61F 13 /-</u></b>	
2020207967 2020226865	2020229957	2019391652	2019393834	2020269289	
<b><u>A01N 1 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A23L 17 /-</u></b>	<b><u>A45C 11 /-</u></b>	<b><u>A61F 15 /-</u></b>	<b><u>A61K 33 /-</u></b>
2020219416	2019406077	2019424568	2020212438	2020205095	2019422089
<b><u>A01N 25 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A45C 13 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61K 35 /-</u></b>
2018452571 2020206416 2020218985 2020229957	2019410699 2019424568	2019391593 2019391599 2019391935 2019391944 2019393559	2020204740	2019395318 2019397176 2019397490 2019398470 2019398471 2019412317 2020209654 2020222304 2020226857	2019391652 2019403057 2020204805 2020204809 2020206117 2020206359 2020207408 2020209218 2020209687 2020209769
<b><u>A01N 33 /-</u></b>	<b><u>A22C 25 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A45C 5 /-</u></b>	<b><u>A61H 1 /-</u></b>	
2020206416	2019424568	2019435161	2020204740	2020226380	
<b><u>A01N 37 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A45F 3 /-</u></b>	<b><u>A61H 23 /-</u></b>	
2020229957	2019421939	2019406077	2019418405	2020226380	
<b><u>A01N 39 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A23L 31 /-</u></b>	<b><u>A47D 13 /-</u></b>		
2020229957	2020210564	2020210564	2020206554		
<b><u>A01N 41 /-</u></b>	<b><u>A23D 7 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47G 7 /-</u></b>		
2020229957	2019421939 2020207945	2019391652 2020207576 2020210564	2019403480		
<b><u>A01N 43 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47J 31 /-</u></b>		
2019417984 2019421939 2020207945	2019421939	2019421362	2020205033 2020211284		
<b><u>A01N 47 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A47K 11 /-</u></b>		
2020206416 2020218985 2020229957	2019393560	2019406077	2019421362		
<b><u>A01N 51 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A23P 20 /-</u></b>	<b><u>A47L 11 /-</u></b>		
2018454921	2018454921	2019391445 2019415834 2020227733	2019391445 2019415834 2020227733		
<b><u>A01N 55 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A61B 1 /-</u></b>		
2018454921	2018454921	2018454921	2020261742		
<b><u>A01N 59 /-</u></b>					
2018454921					

PCT applications which have entered the National Phase - IPC Index cont'd

2020207967	2019393256		2020211253	<b><u>A63B 69 /-</u></b>	<b><u>B01J 23 /-</u></b>
2020208933	2019395353	<b><u>A61M 39 /-</u></b>	2020215303		
2020209687	2019403368			2019398025	2020208566
2020220636	2020205438	2019409703	<b><u>A61P 3 /-</u></b>		2020208734
2020223441	2020206416	2019418588		<b><u>A63B 71 /-</u></b>	
2020364192	2020206692	2020207213	2019398579		<b><u>B01J 35 /-</u></b>
	2020207004	2020208143	2020204692	2020204974	
<b><u>A61K 39 /-</u></b>	2020207026			<b><u>A63C 10 /-</u></b>	2020208566
	2020209883	<b><u>A61M 5 /-</u></b>	<b><u>A61P 31 /-</u></b>		2020208734
2019393077	2020211938			2020205206	<b><u>B01J 8 /-</u></b>
2019396761	2020212036	2019398097	2018452571		
2019397358	2020215634	2019409703	2020206416	<b><u>B01D 11 /-</u></b>	2019403434
2019397479	2020216186	2020205968	2020215175		
2019403198	2020220636	2020209225	2020215303	2020214469	<b><u>B01L 1 /-</u></b>
2019403445	2020223441	2020216084			
2019406199		<b><u>A61N 1 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01D 15 /-</u></b>	2019392781
2019412331	<b><u>A61L 2 /-</u></b>		2019392231		
2020206359		2019421596	2019393005	2019401729	<b><u>B01L 3 /-</u></b>
2020207124	2020206416	2020217548	2019395338	2020241097	
2020207408		2020218477	2019396761		2019392781
2020208193	<b><u>A61L 27 /-</u></b>	2020220021	2019397479	<b><u>B01D 17 /-</u></b>	<b><u>B02C 17 /-</u></b>
2020210710			2019403445		
2020215795	2018452704	<b><u>A61N 5 /-</u></b>	2019405925	2019421779	
2020229806	2019395353		2019412331	2020215544	2018455235
		2019420110	2020206117	2020217543	<b><u>B02C 18 /-</u></b>
<b><u>A61K 45 /-</u></b>	<b><u>A61L 29 /-</u></b>		2020206692	2020219701	
		<b><u>A61P 1 /-</u></b>	2020206694	<b><u>B01D 37 /-</u></b>	2019410699
2020206381	2020208488	2020210564	2020207026		
2020209767		2020364192	2020208193	2020219701	<b><u>B02C 19 /-</u></b>
2020232350	<b><u>A61L 31 /-</u></b>		2020208414		
		<b><u>A61P 11 /-</u></b>	2020208909	<b><u>B01D 45 /-</u></b>	2020207237
<b><u>A61K 47 /-</u></b>	2020206139		2020209500		
		2019397309	2020209767	2019398785	<b><u>B02C 21 /-</u></b>
2018452571	<b><u>A61L 9 /-</u></b>	2020220636	2020210710		
2019392679			2020211253	<b><u>B01D 53 /-</u></b>	2020207237
2019395353	2020212657	<b><u>A61P 13 /-</u></b>	2020214796		
2019398658			2020216444	2019423879	<b><u>B02C 23 /-</u></b>
2020205438	<b><u>A61M 1 /-</u></b>	2020204692	2020229806	2020208566	
2020206117			2020237477	<b><u>B01D 61 /-</u></b>	2018455235
2020206692	2019399965	<b><u>A61P 17 /-</u></b>			2020207237
2020207004	2020206041		<b><u>A61P 37 /-</u></b>	2020206280	<b><u>B02C 4 /-</u></b>
2020207026	2020208413	2020209687			
2020207124		2020209769	2019397309	<b><u>B01D 63 /-</u></b>	2020204874
2020223441	<b><u>A61M 11 /-</u></b>	2020215795	2020214796		
2020229806			2020215795	2020206280	<b><u>B02C 7 /-</u></b>
	2019403368	<b><u>A61P 19 /-</u></b>	2020229806		
<b><u>A61K 48 /-</u></b>	<b><u>A61M 16 /-</u></b>			<b><u>B01F 13 /-</u></b>	2020219780
		2019397309	<b><u>A61P 43 /-</u></b>		
2019394996	2020206356	2020207124		2020213695	<b><u>B03B 5 /-</u></b>
2019395388			2019395353	2020215103	
2019433418	<b><u>A61M 25 /-</u></b>	<b><u>A61P 23 /-</u></b>			2019421303
2020207408			<b><u>A61P 5 /-</u></b>	<b><u>B01F 17 /-</u></b>	<b><u>B04C 3 /-</u></b>
2020208933	2019409703	2019420189			
2020209687	2020207213		2019398658	2019414291	2019398785
2020220636	2020208143	<b><u>A61P 25 /-</u></b>		<b><u>B01F 3 /-</u></b>	
	2020208413		<b><u>A61P 7 /-</u></b>		<b><u>B05C 1 /-</u></b>
<b><u>A61K 49 /-</u></b>	2020208488	2019395250		2019414291	
	2020209654	2019420189	2020215303	2020213695	2020210821
2019392679		2019422089		2020215103	
2019415375	<b><u>A61M 27 /-</u></b>	2020206722	<b><u>A61P 9 /-</u></b>		<b><u>B05C 11 /-</u></b>
		2020211938		<b><u>B01J 10 /-</u></b>	
<b><u>A61K 51 /-</u></b>	2020208413	<b><u>A61P 27 /-</u></b>	2020206381		2020210821
			2020232350	2019403434	<b><u>B05D 5 /-</u></b>
2020206117	<b><u>A61M 29 /-</u></b>	2020204805			
2020237477		2020204809	<b><u>A61Q 19 /-</u></b>	<b><u>B01J 19 /-</u></b>	2020282386
	2020208488	2020206139			
<b><u>A61K 8 /-</u></b>	<b><u>A61M 3 /-</u></b>	2020208933	2020206416	2020208566	<b><u>B09B 3 /-</u></b>
		<b><u>A61P 29 /-</u></b>			
2019391652	2020208413		2019444826	<b><u>B01J 20 /-</u></b>	2020251051
2020206416		2019397309	2020226380		
<b><u>A61K 9 /-</u></b>	<b><u>A61M 37 /-</u></b>	2020207124		2020208422	
2019391397	2020205968				



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<b><u>B23D 17 /-</u></b>		<b><u>B63B 79 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07C 233 /-</u></b>
2020205095		2020218818	2020205443	2019403434	2020206722
<b><u>B23D 29 /-</u></b>	<b><u>B32B 29 /-</u></b>	<b><u>B63J 99 /-</u></b>	<b><u>B65G 17 /-</u></b>	2019423879	
2020205095	2020206416	2020218818	2020242858	<b><u>C01B 35 /-</u></b>	<b><u>C07C 235 /-</u></b>
<b><u>B23D 45 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B64B 1 /-</u></b>	<b><u>B65G 19 /-</u></b>	2020206679	2019420189
2020205447	2018454921	2019416157	2020395785	<b><u>C01C 1 /-</u></b>	<b><u>C07C 255 /-</u></b>
<b><u>B23D 59 /-</u></b>	<b><u>B33Y 30 /-</u></b>	<b><u>B64C 21 /-</u></b>	<b><u>B65G 47 /-</u></b>	2020242886	2019400738
2020205447	2018454921	2020282386	2020242858	2020244047	<b><u>C07C 269 /-</u></b>
<b><u>B23P 19 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65G 57 /-</u></b>	<b><u>C02F 1 /-</u></b>	2019415174
2018455235	2018451721	2020205823	2020205443	2018454293	<b><u>C07C 271 /-</u></b>
<b><u>B25F 3 /-</u></b>	<b><u>B60B 29 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B65G 63 /-</u></b>	2020206280	2019415174
2020205095	2020327866	2020205823	2020205443	2020208422	2019420189
<b><u>B25F 5 /-</u></b>	<b><u>B60B 30 /-</u></b>	<b><u>B64D 45 /-</u></b>	<b><u>B65H 51 /-</u></b>	2020241097	<b><u>C02F 101 /-</u></b>
2020205095	2020327866	2019416157	2020210798	2018454293	<b><u>C02F 103 /-</u></b>
<b><u>B25J 11 /-</u></b>	<b><u>B60C 9 /-</u></b>	<b><u>B64D 47 /-</u></b>	<b><u>B65H 54 /-</u></b>	2020241097	<b><u>C07C 29 /-</u></b>
2018455235	2020218926	2019416157	2020206865	<b><u>C03C 25 /-</u></b>	2020242886
<b><u>B25J 13 /-</u></b>	<b><u>B60K 15 /-</u></b>	<b><u>B65B 11 /-</u></b>	<b><u>B65H 75 /-</u></b>	2020206005	2020244047
2018455235	2019421779	2020242858	2020206865	<b><u>C04B 18 /-</u></b>	2020272084
<b><u>B25J 15 /-</u></b>	<b><u>B60L 50 /-</u></b>	<b><u>B65B 59 /-</u></b>	<b><u>B66B 7 /-</u></b>	2020251051	2020273228
2018455235	2020360617	2019404156	2019410394	<b><u>C04B 24 /-</u></b>	<b><u>C07C 309 /-</u></b>
<b><u>B25J 19 /-</u></b>	<b><u>B60L 53 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>B66D 1 /-</u></b>	2020223406	2019415375
2018455235	2020215343	2019404156	2019399365	<b><u>C04B 28 /-</u></b>	<b><u>C07C 31 /-</u></b>
<b><u>B25J 5 /-</u></b>	<b><u>B60T 7 /-</u></b>	<b><u>B65D 21 /-</u></b>	<b><u>B81B 7 /-</u></b>	2020223406	2020242886
2018455235	2020215343	2020212438	2020282386	<b><u>C05D 9 /-</u></b>	2020244047
<b><u>B25J 9 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>B81C 1 /-</u></b>	2019414291	<b><u>C07C 323 /-</u></b>
2018455235	2019418739	2020227654	2020282386	<b><u>C05D 9 /-</u></b>	2020215303
2020276155	2019418739	<b><u>B65D 47 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C05F 3 /-</u></b>	<b><u>C07C 395 /-</u></b>
<b><u>B26B 15 /-</u></b>	<b><u>B61G 7 /-</u></b>	2019404213	2019415375	2019421362	2019391512
2020205095	2018455583	<b><u>B65D 5 /-</u></b>	<b><u>C01B 17 /-</u></b>	<b><u>C05G 5 /-</u></b>	<b><u>C07C 43 /-</u></b>
<b><u>B26B 19 /-</u></b>	<b><u>B62D 55 /-</u></b>	2020227654	2019414291	2019414291	2019423879
2019392435	2019420490	<b><u>B65D 65 /-</u></b>	2019423879	<b><u>C06B 33 /-</u></b>	2020242886
<b><u>B26B 29 /-</u></b>	2019421587	2020211687	<b><u>C01B 21 /-</u></b>	2020205931	2020244047
2020205095	<b><u>B62K 11 /-</u></b>	<b><u>B65D 75 /-</u></b>	2020206679	<b><u>C07B 53 /-</u></b>	<b><u>C07C 47 /-</u></b>
<b><u>B26B 7 /-</u></b>	2020327866	2020212438	2020208566	2019415174	2020244047
2020205095	<b><u>B63B 1 /-</u></b>	<b><u>B65D 83 /-</u></b>	2020208734	<b><u>C07B 63 /-</u></b>	<b><u>C07C 51 /-</u></b>
<b><u>B29C 39 /-</u></b>	2020282386	2019403434	<b><u>C01B 3 /-</u></b>	2020211796	2020213861
2020251051	<b><u>B63B 49 /-</u></b>	2020241097	2020254955	<b><u>C07C 211 /-</u></b>	2020214469
<b><u>B29C 48 /-</u></b>	2020218818	<b><u>B65F 1 /-</u></b>	2020272084	2019415375	<b><u>C07C 67 /-</u></b>
2020210821		2019394361	2020273228	<b><u>C07C 215 /-</u></b>	2020214469
				2019423879	

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<b><u>C07C 69 /-</u></b>		2020213103	<b><u>C09K 5 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>D04H 1 /-</u></b>
2020214469	<b><u>C07D 487 /-</u></b>	2020214796	2020232257	2019397358	2020206005
	2019405925	2020215795		2019403057	
<b><u>C07D 207 /-</u></b>		2020226865	<b><u>C10G 2 /-</u></b>	2019417984	<b><u>D06F 35 /-</u></b>
2019415375	<b><u>C07F 5 /-</u></b>	<b><u>C07K 19 /-</u></b>	2020272084	2020206359	2019431966
2019420189	2019400738	2020204994	2020273228	2020208190	
		2020206359		2020209687	<b><u>D06F 37 /-</u></b>
<b><u>C07D 209 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C08F 4 /-</u></b>	<b><u>C10M 175 /-</u></b>	2020211945	2019393601
2019400738	2019391397	2019391512	2020217543	2020229806	
	2019415375		2020219701	2020247211	<b><u>D06F 39 /-</u></b>
<b><u>C07D 211 /-</u></b>	2020206722	<b><u>C08G 18 /-</u></b>	<b><u>C11B 1 /-</u></b>	<b><u>C12N 7 /-</u></b>	2019393601
2019415375	2020215175	2020204693	2019417984	2019401729	2019431966
<b><u>C07D 213 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08G 63 /-</u></b>	<b><u>C11C 1 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D06M 101 /-</u></b>
2019398579	2020210940	2020213861	2020207945	2019394996	2019401586
		2020214469		2019395410	
<b><u>C07D 217 /-</u></b>	<b><u>C07H 3 /-</u></b>	<b><u>C08J 11 /-</u></b>	<b><u>C11C 3 /-</u></b>	2019401586	<b><u>D07B 1 /-</u></b>
2019415375	2019435161	2020207945	2020207945	2019417984	2020218926
				2020208346	
<b><u>C07D 221 /-</u></b>	<b><u>C07J 41 /-</u></b>	2020213861	<b><u>C11D 3 /-</u></b>	2020213103	<b><u>D07B 9 /-</u></b>
2019420189	2019393005	2020214469	2019401586	2020216484	2019419443
				2020223060	
<b><u>C07D 239 /-</u></b>	<b><u>C07J 43 /-</u></b>	<b><u>C08J 3 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C12P 11 /-</u></b>	<b><u>D21D 1 /-</u></b>
2019395338	2019393005	2019414291	2018452704	2019400738	2020219780
2019398579			2020211945		
2019400738	<b><u>C07J 71 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C12P 17 /-</u></b>	<b><u>D21H 19 /-</u></b>
2020215303	2019393005	2020269289	2019379234	2019400738	2020211687
			2019397358		
<b><u>C07D 261 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08K 13 /-</u></b>	2019401586	<b><u>C12P 19 /-</u></b>	<b><u>D21H 27 /-</u></b>
2020215303	2019391652	2020397281	2020204967	2019401586	2020206416
	2019415174		2020206521	<b><u>C12P 7 /-</u></b>	2020211687
<b><u>C07D 307 /-</u></b>	2020207576	<b><u>C08K 3 /-</u></b>	2020207576	2020204967	<b><u>E01B 31 /-</u></b>
2020215303		2019414291			
		2020397281	<b><u>C12N 15 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2020205447
<b><u>C07D 401 /-</u></b>	2019391652	<b><u>C08L 23 /-</u></b>	2019394996	2019403447	<b><u>E01C 19 /-</u></b>
2019395338	2019395388	2019400562	2019395023	2019418627	
2019392231	2019398402	2019407087	2019395388	2019426202	2020206446
2019395338	2019398579	2020269289	2019395410	2020204908	
2020206694	2019403198		2019397358	2020206999	<b><u>E02B 3 /-</u></b>
2020211796	2020204657	<b><u>C08L 3 /-</u></b>	2019397461	2020210940	2019399365
	2020204994	2019401586	2019401608	2020215312	
<b><u>C07D 403 /-</u></b>	2020206109		2019403057	2020216438	<b><u>E02F 3 /-</u></b>
2019395338	2020206521	<b><u>C08L 59 /-</u></b>	2019403447	2020220636	
	2020207576	2020397281	2019408917	<b><u>C12R 1 /-</u></b>	2021203745
<b><u>C07D 413 /-</u></b>	2020208375		2019412331	2019379234	<b><u>E04B 1 /-</u></b>
2019400738	2020208909	<b><u>C08L 67 /-</u></b>	2019417984		2020206353
	2020213103	2020213861	2019433418	<b><u>C22B 1 /-</u></b>	<b><u>E04G 21 /-</u></b>
<b><u>C07D 417 /-</u></b>	2020226865	<b><u>C09C 1 /-</u></b>	2020204657	2019473210	
2019395338		2019403434	2020204994		<b><u>E04G 23 /-</u></b>
2020215175	<b><u>C07K 16 /-</u></b>		2020206381	<b><u>C25B 1 /-</u></b>	2019392578
	2019393077	<b><u>C09D 167 /-</u></b>	2020208190	2020254955	
<b><u>C07D 471 /-</u></b>	2019396761	2020227188	2020208346	2020272084	2019404615
2019395338	2019397309		2020209687	2020273228	
2019400738	2019397479	<b><u>C09J 103 /-</u></b>	2020215730	2020360617	<b><u>E04G 3 /-</u></b>
2020209500	2019403198	2020206005	2020216444	2019403434	2019392578
2020211253	2019406199		2020216484		
2020228385	2019412331		2020220357		
	2020206359		2020220636		
<b><u>C07D 473 /-</u></b>	2020207124		2020223060		
2019395338	2020208193		2020229806		
	2020208414				
	2020210710				

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<b><u>E04G 5 /-</u></b>			2020219470	<b><u>G03F 1 /-</u></b>	<b><u>G06N 3 /-</u></b>
2019392578	<b><u>F02M 37 /-</u></b>	<b><u>F16L 17 /-</u></b>	<b><u>G01N 27 /-</u></b>	2020282386	2019409127
<b><u>E05F 15 /-</u></b>	2019421779	2020205761	2019409127	<b><u>G03F 7 /-</u></b>	2020205651
2020209692	<b><u>F03D 15 /-</u></b>	<b><u>F17D 5 /-</u></b>	<b><u>G01N 29 /-</u></b>	2020282386	2020219146
<b><u>E06B 9 /-</u></b>	2019416124	2019409127	2019409127	<b><u>G03G 15 /-</u></b>	<b><u>G06N 5 /-</u></b>
2019413110	<b><u>F04B 43 /-</u></b>	<b><u>F21S 8 /-</u></b>	<b><u>G01N 30 /-</u></b>	2019434978	2019409127
2020209692	2020211110	2020206970	2020212022	<b><u>G05D 1 /-</u></b>	2020205651
<b><u>E21B 10 /-</u></b>	<b><u>F04B 47 /-</u></b>	<b><u>F21V 21 /-</u></b>	2020212040	2019399877	<b><u>G06Q 10 /-</u></b>
2019397600	2020301062	2020206970	2020215663	<b><u>G01N 33 /-</u></b>	2020219146
<b><u>E21B 19 /-</u></b>	<b><u>F04B 49 /-</u></b>	<b><u>F21V 25 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G06Q 20 /-</u></b>
2020210798	2020301062	2020211716	2019392679	2018451721	2019414470
2020231598	<b><u>F04B 53 /-</u></b>	<b><u>F21W 131 /-</u></b>	2019392781	<b><u>G06F 15 /-</u></b>	2019415478
<b><u>E21B 21 /-</u></b>	2020205761	2020206970	2019396761	2018452738	2019429074
2020231598	<b><u>F04D 29 /-</u></b>	<b><u>F24H 1 /-</u></b>	2019417986	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 30 /-</u></b>
<b><u>E21B 23 /-</u></b>	2020258963	2020205648	2020210710	2019397998	2019397998
2019397239	<b><u>F15B 11 /-</u></b>	<b><u>F41A 27 /-</u></b>	2020212040	2020204666	2019429074
<b><u>E21B 27 /-</u></b>	2020254232	2020210115	2020214796	2020208400	2020229883
2019397600	<b><u>F16B 13 /-</u></b>	<b><u>F42B 12 /-</u></b>	2020215663	2020209737	<b><u>G06Q 40 /-</u></b>
2020231598	2020227874	2019414291	<b><u>G01S 13 /-</u></b>	<b><u>G06F 21 /-</u></b>	2020385008
<b><u>E21B 33 /-</u></b>	<b><u>F16C 11 /-</u></b>	<b><u>G01C 21 /-</u></b>	2020253978	2018451721	<b><u>G06Q 50 /-</u></b>
2020205931	2020206970	2020218818	2020276155	2019392184	2020219146
<b><u>E21B 41 /-</u></b>	<b><u>F16F 9 /-</u></b>	2020220232	<b><u>G01S 17 /-</u></b>	2019413312	<b><u>G06T 13 /-</u></b>
2020215146	2020206679	2020221058	2019410856	2019415474	2020211809
<b><u>E21B 43 /-</u></b>	<b><u>F16G 11 /-</u></b>	<b><u>G01C 25 /-</u></b>	<b><u>G01S 19 /-</u></b>	2020206883	2020209737
2020215544	2019419443	2020220232	2018453622	202020731	2020210731
2020301062	<b><u>G01J 3 /-</u></b>	<b><u>G01T 1 /-</u></b>	2019421123	2020362928	<b><u>G06T 17 /-</u></b>
<b><u>E21B 47 /-</u></b>	<b><u>F16H 1 /-</u></b>	2019393832	<b><u>G01S 7 /-</u></b>	<b><u>G06F 3 /-</u></b>	2020207614
2020220232	2019416124	<b><u>G01J 9 /-</u></b>	2019410856	<b><u>G06T 19 /-</u></b>	<b><u>G06T 19 /-</u></b>
<b><u>E21B 49 /-</u></b>	<b><u>F16H 41 /-</u></b>	2019393832	2020253978	2020206120	2020207614
2020215544	2019416124	<b><u>G01M 13 /-</u></b>	2020276155	<b><u>G06F 30 /-</u></b>	<b><u>G06T 3 /-</u></b>
<b><u>E21B 7 /-</u></b>	<b><u>F16H 55 /-</u></b>	2019392588	<b><u>G01T 1 /-</u></b>	2019397998	<b><u>G06T 3 /-</u></b>
2019397239	2020205659	<b><u>G01M 3 /-</u></b>	2019411375	<b><u>G06F 40 /-</u></b>	2019414459
2019397600	<b><u>F16H 61 /-</u></b>	2019409127	2019420110	2019397998	2019414460
<b><u>E21C 35 /-</u></b>	2019416124	<b><u>G01N 1 /-</u></b>	<b><u>G01V 3 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G06T 7 /-</u></b>
2020254232	<b><u>F16J 15 /-</u></b>	2019392781	2019416157	2018454053	2019420099
<b><u>E21D 1 /-</u></b>	2020205761	2020211049	<b><u>G02B 27 /-</u></b>	2020362928	2020207707
2019397600	<b><u>F16K 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	2020282386	<b><u>G06K 15 /-</u></b>	2020362928
<b><u>E21D 9 /-</u></b>	2020211110	2019392781	<b><u>G02B 5 /-</u></b>	2018451721	<b><u>G07G 1 /-</u></b>
2019397600	<b><u>F16K 15 /-</u></b>	2020230852	2020282386	<b><u>G06K 9 /-</u></b>	2019429074
<b><u>F01N 3 /-</u></b>	2020209346	<b><u>G01N 23 /-</u></b>	<b><u>G02B 6 /-</u></b>	2020219146	<b><u>G07G 3 /-</u></b>
2020208566		2020215663	2020210734	2020230852	2019429074
			<b><u>G02C 7 /-</u></b>	2020294160	<b><u>G08G 1 /-</u></b>
			2020222304	<b><u>G06N 20 /-</u></b>	2019399877
			2020226857	2019409127	2020240578

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<b><u>G08G 5 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H05B 33 /-</u></b>
2020253978	2020227212	2019395366	2020205444
<b><u>G09B 17 /-</u></b>	<b><u>H01M 8 /-</u></b>	2020209737	
2019398095	2020360617	2020227664	<b><u>H05B 45 /-</u></b>
<b><u>G09B 5 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04L 29 /-</u></b>	2020205444
2019398095	2020222983	2019395366	2020206853
<b><u>G09B 7 /-</u></b>	<b><u>H01Q 19 /-</u></b>	2020204666	2020211716
2019421360	2020222983	2020206883	<b><u>H05B 47 /-</u></b>
2019421568	<b><u>H01Q 3 /-</u></b>	<b><u>H04L 5 /-</u></b>	2020206853
<b><u>G09F 21 /-</u></b>	2020222983	2019413517	2020211716
2019393834	<b><u>H02H 9 /-</u></b>	2020207206	<b><u>H05B 6 /-</u></b>
<b><u>G09F 7 /-</u></b>	2020205444	<b><u>H04L 9 /-</u></b>	2020204763
2019393834	2020211716	<b><u>H04N 1 /-</u></b>	<b><u>H05K 3 /-</u></b>
<b><u>G10L 15 /-</u></b>	<b><u>H02K 11 /-</u></b>	2018451721	2019436585
2020211809	2019420059	<b><u>H04N 19 /-</u></b>	
<b><u>G10L 21 /-</u></b>	<b><u>H02K 21 /-</u></b>	2019414459	
2020211809	2019420059	2019414460	
<b><u>G11C 11 /-</u></b>	<b><u>H02K 29 /-</u></b>	2019419130	
2020212630	2019420059	2019419322	
<b><u>G11C 8 /-</u></b>	<b><u>H02K 53 /-</u></b>	2019419763	
2018451721	2019420059	<b><u>H04N 21 /-</u></b>	
<b><u>G16H 10 /-</u></b>	<b><u>H02M 7 /-</u></b>	2020207037	
2020209737	2020214609	<b><u>H04N 5 /-</u></b>	
2020219731	<b><u>H02P 6 /-</u></b>	2020207707	
<b><u>G16H 20 /-</u></b>	2020254232	<b><u>H04N 7 /-</u></b>	
2020206356	<b><u>H03K 7 /-</u></b>	2020207707	
2020209754	2019397879	<b><u>H04W 36 /-</u></b>	
<b><u>G16H 30 /-</u></b>	<b><u>H04B 10 /-</u></b>	2019412231	
2019420099	2019408409	<b><u>H04W 4 /-</u></b>	
<b><u>G16H 40 /-</u></b>	<b><u>H04B 17 /-</u></b>	2019421123	
2020206356	2020210903	2020204666	
2020208399	<b><u>H04B 7 /-</u></b>	<b><u>H04W 52 /-</u></b>	
<b><u>G16H 50 /-</u></b>	2019421319	2019412231	
2020206356	2020221058	<b><u>H04W 72 /-</u></b>	
2020207053	<b><u>H04H 60 /-</u></b>	2020206541	
2020208399	2020207037	<b><u>H04W 76 /-</u></b>	
2020209754	<b><u>H04L 1 /-</u></b>	2020379572	
<b><u>H01L 23 /-</u></b>	2020207206	<b><u>H04W 84 /-</u></b>	
2019421596	<b><u>H04L 1 /-</u></b>	2018453622	
<b><u>H01M 16 /-</u></b>		2020215800	
2020360617		<b><u>H04W 88 /-</u></b>	
		2020379572	

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*A61B 6/00* ( 2006.01 )  
*A61B 34/10* ( 2016.01 )  
*A61F 2/46* ( 2006.01 )  
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*A61K 8/81* ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 8/24** ( 2006.01 )  
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**A61K 36/19** ( 2006.01 )  
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**A61P 17/00** ( 2006.01 )  
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**B66C 7/08** ( 2006.01 )  
**E01B 9/46** ( 2006.01 )  
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**F41A 33/00** ( 2006.01 )  
**F41A 11/02** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C10L 5/04** ( 2006.01 )  
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**(54)** Airborne relays in cooperative-MIMO systems  
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**B64C 39/02** ( 2006.01 )  
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**(11)** AU-B-2016246586  
**(21)** 2016246586 **(22)** 06.04.2016  
**(54)** Systems and methods for reading machine-readable labels on sample receptacles  
**(51)** Int. Cl.  
**G01N 35/00** ( 2006.01 )  
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**(87)** WO2016/164473  
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**(51)** Int. Cl.  
**C12Q 1/70** ( 2006.01 )  
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**C07D 311/22** ( 2006.01 )  
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**A61K 31/353** ( 2006.01 )  
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G01N 33/48 ( 2006.01 )  
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A61K 9/14 ( 2006.01 )  
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A61F 2/02 ( 2006.01 )  
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A61M 25/088 ( 2006.01 )  
A61M 25/09 ( 2006.01 )  
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**H04R 25/00** ( 2006.01 )  
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**A45F 5/10** ( 2006.01 )  
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**F16M 13/04** ( 2006.01 )  
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**A61C 8/00** ( 2006.01 )  
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**C07D 471/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**G06N 10/00** ( 2019.01 )  
**H03K 3/38** ( 2006.01 )  
**H03K 19/16** ( 2006.01 )  
**H03K 19/195** ( 2006.01 )  
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**(21)** 2019249062 **(22)** 25.03.2019  
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**(51)** Int. Cl.  
**G02B 6/42** ( 2006.01 )  
**G02F 1/01** ( 2006.01 )  
**H01L 39/00** ( 2006.01 )  
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**(21)** 2020210132 **(22)** 27.07.2020  
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**G06N 99/00** ( 2010.01 )  
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**C01D 15/08** ( 2006.01 )  
**C22B 1/00** ( 2006.01 )  
**C22B 3/00** ( 2006.01 )  
**C22B 26/12** ( 2006.01 )  
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**A61K 31/454** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
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**(51)** Int. Cl.  
**H04W 72/02** ( 2009.01 )  
**H04W 72/04** ( 2009.01 )  
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**(51)** Int. Cl.  
**G06F 7/00** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
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**(31)** 14/726,200 **(32)** 29.05.15 **(33)** US  
**(43)** 08.12.2016  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(51)** Int. Cl.  
**G06N 3/04** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C12N 9/12** ( 2006.01 )  
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**(21)** 2018280030 **(22)** 31.05.2018  
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**(51)** Int. Cl.  
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**G10L 15/00** ( 2013.01 )  
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**(54)** Method of promoting nerve regeneration using electrical stimulation  
**(51)** Int. Cl.  
**A61N 1/32** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
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**(54)** Filter, filter device, and method of use  
**(51)** Int. Cl.  
**B01D 35/30** ( 2006.01 )  
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**(43)** 18.10.2018  
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**(11)** AU-B-2016203645  
**(21)** 2016203645 **(22)** 01.06.2016  
**(54)** REDOX DESALINATION SYSTEM FOR CLEAN WATER PRODUCTION AND ENERGY STORAGE  
**(51)** Int. Cl.  
**C02F 1/469** ( 2006.01 )  
**C02F 1/42** ( 2006.01 )  
**H01M 10/0563** ( 2010.01 )  
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**(54)** Transmitting device and transmitting method  
**(51)** Int. Cl.  
**H04B 7/0413** ( 2017.01 )  
**H04B 7/0452** ( 2017.01 )  
**H04B 7/0456** ( 2017.01 )  
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**(74)** Griffith Hack

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**(54)** Quantum processing device and method  
**(51)** Int. Cl.  
**G06N 99/00** ( 2010.01 )  
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**(51)** Int. Cl.  
**G01N 3/24** ( 2006.01 )  
**G01V 1/28** ( 2006.01 )  
**G01V 1/30** ( 2006.01 )  
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**(54)** Direct resistivity determination  
**(51)** Int. Cl.  
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2015237241	Memorial Sloan-Kettering Cancer Center	2016258624	Confluence Pharmaceuticals, LLC
2015249312	Translate Bio, Inc.	2016264683	Koninklijke Douwe Egberts B.V.
2015259188	The Trustees of the University of Pennsylvania	2016264686	Koninklijke Douwe Egberts B.V.
2015264791	Pliteq Inc.	2016265982	The Boeing Company
2015265916	Technische Universitat Dresden	2016266534	Rolic AG
2015267148	Children's Hospital Medical Center	2016266655	Fresenius Medical Care Holdings, Inc.
2015267160	Quark Pharmaceuticals, Inc.	2016267397	Bespoke Medical Innovations Pty Ltd
2015273531	polybiocept GmbH	2016269390	Fluke Corporation
2015279542	Icahn School of Medicine at Mount Sinai	2016270937	Liveperson, Inc.
2015292150	Research Institute of Petroleum Processing, SINOPEC; China Petroleum & Chemical Corporation	2016271618	NuoDB, Inc.
2015315168	Lumen Bioscience, Inc.	2016272541	Reacta Biotech Limited
2015343029	Annexon, Inc.	2016277886	IMEC vzw
2015345884	Guangxi Hebabiz Pharmaceutical Technology Co., Ltd.	2016278774	Nabriva Therapeutics GmbH
2015346205	Memorial Sloan Kettering Cancer Center; The General Hospital Corporation	2016282985	Amgen Inc.
2015349787	The Board of Regents of the University of Oklahoma	2016287136	AmorePacific Corporation
2015352350	Koninklijke Nederlandse Akademie Van Wetenschap-pen	2016287262	Parity Quantum Computing GmbH
2015353465	Memorial Sloan-Kettering Cancer Center	2016293292	De La Rue International Limited
2015357068	CSL Behring AG	2016298760	Gantry Railing Ltd
2015360945	GRI Bio, Inc.	2016299873	Wix.com Ltd.
2015362067	CMTE Development Limited	2016301372	Hypertherm, Inc.
2015365167	Chugai Seiyaku Kabushiki Kaisha	2016302388	360 Knee Systems Pty Ltd
2015370507	Fisher & Paykel Healthcare Limited	2016305138	JenaBatteries GmbH
2015373893	Synthetic Genomics, Inc.	2016309002	IPSEN BIOPHARM LTD.
2015380551	Cyrex Laboratories, LLC	2016311300	Histide AG
2015392197	Kleinwachter, J.	2016320678	Ecolab USA Inc.
2015395902	TAC-M Company Limited	2016322836	Wing Acoustics Limited
2015406920	Halliburton Energy Services, Inc.	2016324144	University of Massachusetts
2016203563	Martz, M.; Martz, A.	2016324483	St. Jude Children's Research Hospital, Inc.; Memorial Sloan Kettering Cancer Center
2016203645	Palo Alto Research Center Incorporated	2016327985	Magic Leap, Inc.
2016204990	Electrolux Appliances Aktiebolag	2016329040	Traeger Pellet Grills, LLC
2016210597	Ragner Technology Corporation	2016332380	Ashigara Manufacturing Inc.
2016210664	PGS Geophysical AS	2016332560	Harsco Technologies LLC
2016210670	Armstrong, R.	2016337605	Lurie, K.
2016212059	Bayer Aktiengesellschaft	2016338997	Oxford Bioelectronics Ltd
2016217473	SciClone Pharmaceuticals International Ltd.	2016340850	Smith & Nephew, Inc.
2016219605	Carbone, R.	2016342141	Creo Medical Limited
2016219714	PGS Geophysical AS	2016343775	Tufts University; Tufts Medical Center
2016220135	Dovetail Genomics LLC	2016343949	Szeto, R.; Townsend, L.
2016222338	PGS Geophysical AS	2016344187	Johnson & Johnson Consumer Inc.
2016222360	Deere & Company	2016348265	The Coca-Cola Company
2016222382	Deere & Company	2016348689	Zenith Oilfield Technology Limited
2016225800	EZI CAMPER AWNING ARM PTY LTD	2016349705	MEDICREA INTERNATIONAL
2016226003	Boehringer Ingelheim Animal Health USA Inc.	2016350911	Fenix Advanced Technologies, Limited
2016226178	President and Fellows of Harvard College	2016352929	CommScope Connectivity Belgium BVBA
2016228128	FCI Holdings Delaware, Inc.	2016355097	Mast Group Limited
2016230883	Silixa Ltd.	2016356694	FORMA Therapeutics, Inc.
2016231944	RevoluGen Limited	2016356755	Synthes GmbH
2016232657	Amal Therapeutics SA	2016358160	Shifamed Holdings, LLC
2016239915	Thales	2016358254	Neuromod Devices Limited
2016239987	DUALSUN	2016361612	Merck Sharp & Dohme Corp.
2016240847	Eiken Kagaku Kabushiki Kaisha	2016363624	Sanofi-Aventis Deutschland GmbH
2016243545	Duracell U.S. Operations, Inc.	2016363693	General Dynamics Ordnance and Tactical Systems - Canada, Inc.
2016243631	Calithera BioSciences, Inc.	2016365808	Covidien LP
2016245203	Galderma SA	2016371258	Robert Bosch Limitada
2016245204	Galderma SA	2016374495	In8Beats Pty Ltd
2016246061	Edico Genome, Corp.	2016374644	Run The Race Pty Ltd
2016246586	Gen-Probe Incorporated	2016377782	The Regents of The University of California
2016247979	DSCG Solutions, Inc.	2016381778	Unicharm Corporation
2016250409	Johnson & Johnson Vision Care, Inc.	2016387246	Sealy Technology, LLC
2016252222	Croda International Plc	2016396405	Talladium España, S.L.
2016254946	Applied Physical Sciences Corp.	2016396632	Halliburton Energy Services, Inc.
2016256720	Fluke Corporation	2016408342	Lakrout, H.; Zhang, Y.; Crocco, G.; Hill, R.; Boral IP Holdings (Australia) Pty Limited
2016256793	SALS INVENTION PTY LTD		
2016257498	Highview Enterprises Limited		

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<b>2016413660</b>	Borges Belza, M.	<b>2017280334</b>	The Regents of the University of California; AtlasMedx, Inc
<b>2016415070</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017280928</b>	General Electric Company
<b>2016415537</b>	Prysmian S.p.A.	<b>2017284764</b>	Sensor Communication As
<b>2016416207</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017285444</b>	Cargill, Incorporated
<b>2017200323</b>	Conduent Business Services, LLC	<b>2017288755</b>	Kabushiki Kaisha Yakult Honsha; Riken; Japanese Foundation For Cancer Research
<b>2017200951</b>	K2M, Inc.	<b>2017290742</b>	Vapotherm, Inc.
<b>2017201683</b>	Microtec S.r.l.	<b>2017291514</b>	Microsoft Technology Licensing, LLC
<b>2017202528</b>	Howmedica Osteonics Corp.	<b>2017292177</b>	Richter Gedeon Nyrt.
<b>2017203913</b>	Seminis Vegetable Seeds, Inc.	<b>2017293156</b>	Mölnlycke Health Care AB
<b>2017204682</b>	Progastrine et Cancers S.à r.l.	<b>2017301579</b>	Kimberly-Clark Worldwide, Inc.
<b>2017207893</b>	Tessengerlo Group N.V./SA	<b>2017306273</b>	National Oilwell DHT, L.P.
<b>2017208655</b>	HatchTech Group B.V.	<b>2017309751</b>	Dompe' Farmaceutici S.p.A.
<b>2017208721</b>	ARMSTRONG, E.	<b>2017314880</b>	Chelation Partners Incorporated
<b>2017209250</b>	Shenzhen Salubris Pharmaceuticals Co. Ltd	<b>2017316306</b>	Stepan Company
<b>2017210758</b>	The Lacket Company Pty Ltd	<b>2017317123</b>	Medshine Discovery Inc.
<b>2017212788</b>	Heptares Therapeutics Limited	<b>2017326297</b>	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
<b>2017213628</b>	Denali Therapeutics Inc.	<b>2017327712</b>	General Electric Company
<b>2017215188</b>	The Climate Corporation	<b>2017328728</b>	AUM LifeTech, Inc.; Universitat de Valencia
<b>2017217879</b>	Microvention, Inc.	<b>2017330313</b>	CiDRA Corporate Services LLC
<b>2017220217</b>	MC Food Specialties Inc.	<b>2017333893</b>	Clean Planet Inc.
<b>2017220376</b>	Sudu IP Pty Ltd	<b>2017344436</b>	Fincantieri SpA
<b>2017220392</b>	Mason, M.	<b>2017363307</b>	Dana-Farber Cancer Institute, Inc.
<b>2017221132</b>	Varian Semiconductor Equipment Associates, Inc.	<b>2017366621</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
<b>2017221444</b>	Wisconsin Alumni Research Foundation (WARF)	<b>2017377972</b>	Landis+Gyr Innovations, Inc.
<b>2017222644</b>	The Wistar Institute of Anatomy and Biology; The Trustees of the University of Pennsylvania	<b>2017378785</b>	Afferent Pharmaceuticals, Inc.
<b>2017222957</b>	Unitec S.p.A.	<b>2017385096</b>	Biogen Therapeutics Co., Ltd.; Osteopharma Inc.
<b>2017226268</b>	Huntleigh Technology Limited	<b>2017390261</b>	llumina, Inc.
<b>2017226294</b>	Westinghouse Air Brake Technologies Corporation	<b>2017394103</b>	Killgerm Group Limited
<b>2017228766</b>	Vale S.A.	<b>2017406230</b>	Huawei Technologies Co., Ltd.
<b>2017229125</b>	Living Proof, Inc.	<b>2017423230</b>	Berker GmbH & Co. KG
<b>2017229360</b>	The Alfred E. Mann Foundation for Scientific Research	<b>2017423231</b>	Berker GmbH & Co. KG
<b>2017231043</b>	Enzymotec Ltd.	<b>2017423232</b>	Berker GmbH & Co. KG
<b>2017231820</b>	YSI, Inc.	<b>2017426470</b>	Brother Kogyo Kabushiki Kaisha
<b>2017232627</b>	Carl Zeiss Meditec Cataract Technology Inc.	<b>2017431850</b>	Huawei Technologies Co., Ltd.
<b>2017237163</b>	Marquette University	<b>2017442636</b>	Colgate-Palmolive Company
<b>2017239000</b>	Syngenta Participations AG	<b>2018202203</b>	Pall Corporation
<b>2017239002</b>	Syngenta Participations AG	<b>2018206357</b>	Apitope Technology(Bristol) Limited
<b>2017239666</b>	Berkeley Lights, Inc.	<b>2018208462</b>	Omnio, Inc.
<b>2017242894</b>	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven	<b>2018208731</b>	Construction Automation Ltd
<b>2017245099</b>	The Regents of the University of California	<b>2018209178</b>	Pieris Pharmaceuticals GmbH
<b>2017245952</b>	Global Analyzer Systems Limited	<b>2018211217</b>	Adobe Inc.
<b>2017246679</b>	ARQ IP Limited	<b>2018214431</b>	Aucentra Therapeutics Pty Ltd
<b>2017247448</b>	Clever Culture Systems AG	<b>2018218356</b>	Tecnocientifica, S.A.; Ing. Jorgensen & Asoc.
<b>2017248253</b>	Proteostasis Therapeutics, Inc.	<b>2018226340</b>	ISR Immune System Regulation Holding AB (publ)
<b>2017248506</b>	Adobe Inc.	<b>2018228271</b>	Novalith Technologies Pty Ltd
<b>2017249015</b>	Qualcomm Incorporated	<b>2018229511</b>	Kim, S.; GemVax & KAEL Co., Ltd.
<b>2017249589</b>	Siemens Aktiengesellschaft	<b>2018232798</b>	JENOPTIK Robot GmbH
<b>2017252473</b>	Etablissement Francais Du Sang	<b>2018242156</b>	Progastrine et Cancers S.à r.l.
<b>2017252546</b>	Bristol-Myers Squibb Company	<b>2018246258</b>	Merck Patent GmbH
<b>2017253674</b>	Kindeva Drug Delivery L.P.; Radius Health, Inc.	<b>2018246321</b>	Janssen Pharmaceutica NV
<b>2017253935</b>	The United States of America, as represented by the Secretary Department of Health and Human Services	<b>2018249485</b>	Listat Ltd.
<b>2017254079</b>	Qualcomm Incorporated	<b>2018250372</b>	Adobe Inc.
<b>2017260487</b>	Samsung Electronics Co., Ltd.	<b>2018251119</b>	Jiangsu Hengrui Medicine Co., Ltd.
<b>2017263377</b>	The Coca-Cola Company	<b>2018251522</b>	CJ Cheiljedang Corporation
<b>2017263585</b>	NTT DoCoMo, Inc.	<b>2018251687</b>	The Regents of the University of Michigan
<b>2017267270</b>	Nobel Biocare Services AG	<b>2018253460</b>	Adobe Inc.
<b>2017268285</b>	President and Fellows of Harvard College	<b>2018253637</b>	Adobe Inc.
<b>2017269344</b>	Qualcomm Incorporated	<b>2018262481</b>	Elanco US Inc.
<b>2017273555</b>	Qualcomm Incorporated	<b>2018264196</b>	Sony Corporation
<b>2017274891</b>	Panasonic Intellectual Property Corporation of America	<b>2018265816</b>	Kormel LLC
<b>2017276585</b>	BASF SE	<b>2018266131</b>	Alivio Therapeutics, Inc.
<b>2017277467</b>	LimaCorporate S.p.A.	<b>2018272586</b>	Taiho Pharmaceutical Co., Ltd.
<b>2017277524</b>	Vyas, A.; Takemoto, S.; Akimoto, Y.; Dermavant Sciences GmbH; Eisai R&D Management Co., Ltd.	<b>2018279009</b>	Janssen Biotech, Inc.
<b>2017278524</b>	Sumitomo Electric Industries, Ltd.	<b>2018279679</b>	Zhejiang Libiao Robots Co., Ltd.; Zhu, J.
		<b>2018280030</b>	OV Loop, Inc.
		<b>2018284726</b>	Huawei Technologies Co., Ltd.
		<b>2018289406</b>	Nextivity, Inc.

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2018290757	Milwaukee Electric Tool Corporation	2019233820	Weir Minerals Africa (Proprietary) Limited
2018293680	Telefonaktiebolaget LM Ericsson (publ)	2019235215	Espera-Werke GmbH
2018294476	Huawei Technologies Co., Ltd.	2019236594	NIKE Innovate C.V.
2018296934	Korea Institute of Science and Technology	2019240572	ENB Therapeutics, Inc.
2018299887	Shell Internationale Research Maatschappij B.V.	2019240616	Kalvista Pharmaceuticals Limited
2018301924	Eli Lilly and Company	2019240726	Smith & Nephew, Inc.
2018307416	Koki Holdings Co.,Ltd.	2019241850	Boston Scientific Neuromodulation Corporation
2018311237	LG Electronics Inc.	2019245978	Daikin Industries, Ltd.
2018318927	Intercontinental Great Brands LLC	2019246073	Komatsu Ltd.
2018320089	Kolmar Korea Co., Ltd.	2019249062	Northrop Grumman Systems Corporation
2018326768	Novartis AG	2019250127	DePuy Synthes Products, Inc.
2018333191	Komatsu Ltd.	2019250325	Dainihon Jochugiku Co., Ltd.
2018336706	ELC Management LLC	2019251704	Shell Internationale Research Maatschappij B.V.
2018341350	Boston Scientific SciMed, Inc.	2019257422	CareFusion 303, Inc.
2018342628	Komatsu Ltd.	2019266092	Boston Scientific Neuromodulation Corporation
2018345153	Komatsu Ltd.	2019268092	Adobe Inc.
2018353722	iLab	2019271949	LG ELECTRONICS INC.
2018353948	HeadBlade, Inc.	2019271969	Vision Engineering Limited
2018355506	DSI Getränkearmaturen GmbH	2019272004	ELLUMINATION PTY LTD
2018356126	LG Electronics Inc.	2019272327	Huawei Technologies Co., Ltd.
2018367102	Telefonaktiebolaget LM Ericsson (publ)	2019279920	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2018370453	Telefonaktiebolaget LM Ericsson (publ)	2019280016	FISHER & PAYKEL HEALTHCARE LIMITED
2018371935	Somnics, Inc	2019280023	Nogra Pharma Limited
2018373559	Nicoventures Trading Limited	2019283777	Skylark Wireless, LLC
2018374636	BESIM, B.	2019283787	The Board of Trustees of the Leland Stanford Junior University
2018374738	OJO Labs, Inc.	2019283829	SYNCHRON AUSTRALIA PTY LTD
2018375426	Colgate-Palmolive Company	2019283967	Advanced Inhalation Therapies (AIT) Ltd.
2018376027	South China University of Technology	2019293287	ASP Global Manufacturing GmbH
2018380169	Nite Ize, Inc.	2019300978	Samsung Electronics Co., Ltd.
2018387124	PMSW Research Pty Ltd	2019303424	PetroChina Company Limited
2018394845	Yazaki Energy System Corporation	2019303426	Hanwha Corporation
2018395184	Uber Technologies, Inc.	2019333295	National Health Research Institutes; Academia Sinica
2018395427	Google LLC	2019335071	Signature Orthopaedics Europe Ltd
2018395782	Borealis AG	2019351639	DIO Corporation
2018395857	Dropbox, Inc.	2019360152	Advanced Environmental Technologies, LLC
2018397572	Dropbox, Inc.	2019360431	Niacet Corporation
2018398495	Yazaki Energy System Corporation	2019364708	Quantum Genomics; Institut National de la Sante et de la Recherche Medicale; Centre National de la Recherche Scientifique; College De France
2018405905	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019365119	Quantum Genomics; Institut National de la Sante et de la Recherche Medicale; Centre National De La Recherche Scientifique; College De France
2018414777	Guangzhou Shengwei Electric Manufacturing Company Limited; Ye, X.	2019396832	Asiatic Innovations Pty Ltd
2018416090	Mitsubishi Electric Corporation	2019417832	Blackmore Sensors & Analytics, LLC
2018416431	Telefonaktiebolaget LM Ericsson (publ)	2019449031	NorthEastern University
2019200090	Glass Investments Projects, Inc.	2020200251	Intuit Inc.
2019200298	Adimab, LLC	2020200412	Fisher & Paykel Healthcare Limited
2019200746	Adobe Inc.	2020200547	Tecmen Electronics CO., LTD.
2019202960	Mesoblast, Inc.	2020200751	GEMoab GmbH
2019203226	Cytec Industries Inc.	2020200811	Adobe Inc.
2019203651	The Regents of the University of California	2020200938	LANDA CORPORATION LTD
2019204018	Gen-Probe Incorporated	2020200997	Interactive Intelligence Group, Inc.
2019204509	Mars Incorporated	2020200999	Fisher & Paykel Healthcare Limited
2019208165	Fisher & Paykel Healthcare Limited	2020201066	Yuan Mei Corp.
2019208416	GlaxoSmithKline Intellectual Property Development Limited	2020201074	KaNdy Therapeutics Limited
2019209163	S. C. Johnson & Son, Inc.	2020201157	Colgate-Palmolive Company
2019209295	Google LLC	2020201270	Hipsley, A.
2019210517	Stamicarbon B.V.	2020201387	Massachusetts Institute of Technology
2019213332	Xencor, Inc.	2020201415	SmartComms SC Limited
2019216159	Marlborough Oysters Limited	2020201442	Intervet International B.V.
2019216624	Vibrant Holdings LLC	2020201603	Bayer Healthcare LLC
2019216845	Nitto Kohki Co., Ltd.	2020201835	ZeniMax Media Inc.
2019217861	Astec, Inc.; Municipal Enterprises Ltd.	2020201857	Apple Inc.
2019219703	Alnylam Pharmaceuticals, Inc.	2020202176	SAFEmine AG
2019219728	Magic Leap, Inc.	2020202593	NATIONAL RESEARCH COUNCIL OF CANADA
2019221436	Borealis AG	2020202850	Shanghai Asclepius Meditec Co., Ltd.
2019222819	Adobe Inc.	2020202890	Wm. Wrigley Jr. Company
2019222892	Aristocrat Technologies Australia Pty Limited	2020202941	Qingdao Haier Joint Stock Co., Ltd
2019226215	Allergan, Inc.	2020203027	Ab Initio Technology LLC
2019226259	Aristocrat Technologies Australia Pty Limited	2020203139	Netflix, Inc.
2019226297	Dexcom, Inc.		
2019227635	ConMed Corporation		
2019228454	Northrop Grumman Systems Corporation		

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2020203262	Everett, T.
2020203570	Samsung Electronics Co., Ltd.
2020203597	GAKO Deutschland GmbH
2020204080	Genghiscomm Holdings, LLC
2020210132	Northrop Grumman Systems Corporation
2020210147	Magic Leap, Inc.
2020213347	Kivu Consulting, Inc.
2020213376	Arvinas, Inc.
2020223750	StraxCorp Pty. Ltd
2020226978	Jinko Green Energy (Shanghai) Management Co., LTD; ZHEJIANG JINKO SOLAR CO., LTD
2020229387	Plantic Technologies Limited
2020233669	Precision Planting LLC
2020233671	LivePerson, Inc.
2020244488	Schneider Electric Industries SAS
2020244494	Somnio Global Holdings, LLC
2020264265	Ethicon LLC
2020281074	ZHEJIANG JINKOSOLAR CO.,LTD.; Jinko Green En- ergy (Shanghai) Management Co., LTD.
2020281133	Pride Mobility Products Corporation
2020331397	Solos Limited
2020343932	KANDAMKULATHY, S.A.
2020385375	Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid; State Grid Cor- poration of China; State Grid Gansu Electric Power Cor- poration
2021200083	Nicira, Inc.
2021200270	Cook Medical Technologies LLC
2021201210	Britax Römer Kindersicherheit GmbH
2021201716	Mashtraxx Limited
2021201915	Mashtraxx Limited
2021201916	Mashtraxx Limited
2021202562	Equinix, Inc.
2021202834	Apple Inc.
2021203829	Wellhead Power Solutions, LLC
2021204466	AMVAC Hong Kong Limited

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<b><u>A01C 15 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47L 5 /-</u></b>	2020264265	2017278950
2021204466	2019250325	2016272541	2016374644	<b><u>A61F 2 /-</u></b>	2017280334
<b><u>A01C 23 /-</u></b>	2019293287	<b><u>A23L 7 /-</u></b>	<b><u>A47L 9 /-</u></b>	2016302388	2017288755
2021204466	2019360431	2016272541	2016349705	2016358160	2017309751
<b><u>A01C 5 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A24D 1 /-</u></b>	2016374644	2017200951	2017314880
2020233669	2017239000	2018373559	2018356126	2017202528	2017317123
<b><u>A01C 7 /-</u></b>	2017239002	<b><u>A42B 3 /-</u></b>	<b><u>A61B 17 /-</u></b>	2017217879	2017326297
2016222360	<b><u>A01P 17 /-</u></b>	2020200547	2016302388	2017277467	2017363307
2016222382	2019250325	<b><u>A43B 13 /-</u></b>	2016340850	2018341350	2017366621
<b><u>A01G 9 /-</u></b>	<b><u>A01P 3 /-</u></b>	2019236594	2016343949	2018387124	2017378785
2019200090	2019360431	<b><u>A45C 13 /-</u></b>	2016349705	2019240726	2018214431
<b><u>A01H 4 /-</u></b>	<b><u>A21D 13 /-</u></b>	2020201857	2016356755	2019335071	2018226340
2017203913	2017220217	<b><u>A45D 34 /-</u></b>	2016365808	2021200270	2018246321
<b><u>A01H 5 /-</u></b>	<b><u>A21D 2 /-</u></b>	2018336706	2017200951	<b><u>A61F 5 /-</u></b>	2018251119
2017203913	2017220217	<b><u>A45F 5 /-</u></b>	2017220392	2018371935	2018251687
<b><u>A01K 31 /-</u></b>	<b><u>A23C 23 /-</u></b>	2018380169	2017232627	<b><u>A61F 9 /-</u></b>	2018266131
2017208655	2016272541	<b><u>A46B 15 /-</u></b>	2018387124	2017232627	2018272586
<b><u>A01K 39 /-</u></b>	<b><u>A23D 9 /-</u></b>	2016343949	2019227635	2020200547	2018301924
2017208655	2016272541	2020201157	2019250127	2020201270	2018326768
<b><u>A01K 41 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A46B 17 /-</u></b>	2021200270	<b><u>A61B 18 /-</u></b>	2018353722
2017208655	2016272541	2016343949	<b><u>A61B 3 /-</u></b>	2016342141	2019208416
<b><u>A01K 45 /-</u></b>	<b><u>A23J 1 /-</u></b>	2017207893	2020210147	2020201270	2019219703
2017208655	2017220217	<b><u>A46B 5 /-</u></b>	<b><u>A61B 34 /-</u></b>	2020201270	2019222615
<b><u>A01K 61 /-</u></b>	<b><u>A23J 3 /-</u></b>	2020201157	2016302388	<b><u>A61G 5 /-</u></b>	2019240616
2019216159	2017220217	<b><u>A46B 9 /-</u></b>	2016365808	2020281133	2019283967
<b><u>A01M 1 /-</u></b>	<b><u>A23L 17 /-</u></b>	2020201157	<b><u>A61B 5 /-</u></b>	<b><u>A61G 7 /-</u></b>	2019333295
2017394103	2016272541	<b><u>A46D 3 /-</u></b>	2016267397	2016413660	2019364708
<b><u>A01N 1 /-</u></b>	<b><u>A23L 2 /-</u></b>	2020201157	2016358254	2017226268	2019365119
2020244494	2017263377	<b><u>A47C 27 /-</u></b>	2017280928	<b><u>A61K 7 /-</u></b>	2020201074
<b><u>A01N 25 /-</u></b>	2020202850	2016387246	2019203651	2016413660	<b><u>A61K 33 /-</u></b>
2019250325	<b><u>A23L 25 /-</u></b>	2017220376	2019226297	2017226268	2018272586
<b><u>A01N 27 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47H 13 /-</u></b>	<b><u>A61B 6 /-</u></b>	2016337605	<b><u>A61K 35 /-</u></b>
2019250325	2016272541	2018414777	2016302388	<b><u>A61K 125 /-</u></b>	2015353465
<b><u>A01N 31 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61B 90 /-</u></b>	2015345884	2016226178
2019250325	2016272541	2016329040	2016356755	<b><u>A61K 131 /-</u></b>	2017253935
<b><u>A01N 35 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61C 13 /-</u></b>	2015345884	2019202960
2019250325	2017231043	2017301579	2016396405	<b><u>A61K 133 /-</u></b>	<b><u>A61K 36 /-</u></b>
	2018353722		<b><u>A61C 7 /-</u></b>	2015345884	2015345884
			2016203563	<b><u>A61K 31 /-</u></b>	2015267160
			<b><u>A61C 8 /-</u></b>	2015360945	2016226178
			2017267270	2016243631	2017253935
			<b><u>A61F 13 /-</u></b>	2016258192	2019202960
				2016258624	<b><u>A61K 38 /-</u></b>
				2016278774	2015349787
				2016282985	2016217473
				2016309002	2016311300
				2016324144	2016343775
				2016324483	2017253674
				2016356694	2017385096
				2016361612	2018206357
				2017209250	2018209178
				2017231043	2019240572
				2017242894	<b><u>A61K 39 /-</u></b>
				2017248253	2015343029
				2017252546	2015357068
				2017277524	2016226003
					2016232657
					2016252222
					2016272541
					2016324144
					2017221444
					2017222644
					2018242156



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2018262481	<b><u>A61M 11 /-</u></b>	<b><u>A61P 25 /-</u></b>	2020201074	2018202203	2020201066
<b><u>A61K 45 /-</u></b>	2016344187	2015343029	<b><u>A61P 9 /-</u></b>	<b><u>B01D 47 /-</u></b>	<b><u>B06B 3 /-</u></b>
2016282985	<b><u>A61M 15 /-</u></b>	2016258624	2016282985	2019210517	2017252473
2018272586	2019208165	2016324144	2017209250	<b><u>B01D 53 /-</u></b>	<b><u>B07B 1 /-</u></b>
2018353722	2016344187	2017288755	2017252546	<b><u>B01D 53 /-</u></b>	<b><u>B07B 1 /-</u></b>
<b><u>A61K 47 /-</u></b>	<b><u>A61M 16 /-</u></b>	2019333295	2017326297	2015292150	2019233820
2016252222	2015370507	<b><u>A61P 27 /-</u></b>	2018246321	2016320678	<b><u>B07B 13 /-</u></b>
2016258624	2017290742	2019226215	2019202960	2016332380	2019233820
2016278774	2019208165	<b><u>A61P 29 /-</u></b>	2019283967	2018299887	
2016309002	2019280016		2019364708	2019210517	
2017253674	2020200412	2015343029	2019365119	<b><u>B01D 63 /-</u></b>	<b><u>B07C 5 /-</u></b>
2017263377	2020200999	2015360945	<b><u>A61Q 11 /-</u></b>	2019360152	2017222957
2018266131	<b><u>A61M 25 /-</u></b>	2016217473		<b><u>B01D 71 /-</u></b>	<b><u>B25F 5 /-</u></b>
<b><u>A61K 48 /-</u></b>	2017217879	2017288755	2017442636	<b><u>B01D 71 /-</u></b>	<b><u>B25F 5 /-</u></b>
2016324144	<b><u>A61M 39 /-</u></b>	2017317123	2018375426	2019360152	2019216845
2020201387		2018251119	<b><u>A61Q 17 /-</u></b>	2019360152	2019216845
<b><u>A61K 49 /-</u></b>	2020200412	<b><u>A61P 3 /-</u></b>	2017208721	<b><u>B01F 13 /-</u></b>	<b><u>B25J 11 /-</u></b>
2015343029	<b><u>A61M 5 /-</u></b>	2016343775	<b><u>A61Q 19 /-</u></b>	2020203597	2018356126
<b><u>A61K 8 /-</u></b>	2015357068	2017278950	2016287136	<b><u>B01F 3 /-</u></b>	<b><u>B25J 13 /-</u></b>
2016287136	2016363624	2017288755	2017208721	2020202850	2018279679
2017208721	2020201603	2017309751	2018320089	<b><u>B01J 19 /-</u></b>	<b><u>B25J 19 /-</u></b>
2017229125	<b><u>A61N 1 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>A61Q 5 /-</u></b>	2017245952	2018356126
2017442636	2016338997	2015259188	2017229125	2017252473	<b><u>B25J 9 /-</u></b>
2018320089	2016358254	2016243631	<b><u>A62B 18 /-</u></b>	<b><u>B01J 20 /-</u></b>	2018279679
2018375426	2017229360	2016278774	2019208165	2016332380	2018356126
<b><u>A61K 9 /-</u></b>	2019241850	2017222644	<b><u>A62B 9 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B26B 19 /-</u></b>
2016252222	2019266092	2017242894	2019208165	2018299887	2018353948
2016278774	2019283829	2017288755	<b><u>A63B 21 /-</u></b>	<b><u>B01J 35 /-</u></b>	<b><u>B26B 21 /-</u></b>
2016309002	<b><u>A61P 1 /-</u></b>	2017366621	2018265816	2018299887	2018353948
2016361612	2015345884	2018226340	<b><u>A63B 23 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B26B 5 /-</u></b>
2017253674	2015360945	2019208416	2018265816	2016277886	2018353948
2017253935	2018251687	<b><u>A61P 35 /-</u></b>	<b><u>A63B 6 /-</u></b>	2017252473	<b><u>B29C 37 /-</u></b>
2018246258	<b><u>A61P 11 /-</u></b>	2016243631	2015264791	2017390261	2018374636
2018266131	2016217473	2016309002	<b><u>A63F 13 /-</u></b>	<b><u>B01L 7 /-</u></b>	<b><u>B29C 45 /-</u></b>
2018301924	2017248253	2016356694	2019226259	2016355097	2020201157
2019226215	2017288755	2017278950	<b><u>A63F 5 /-</u></b>	<b><u>B01L 9 /-</u></b>	<b><u>B29C 64 /-</u></b>
2020201442	2018214431	2017280334	2019226259	2016355097	2018374636
<b><u>A61L 15 /-</u></b>	2018226340	2017288755	<b><u>A63F 9 /-</u></b>	2017252473	<b><u>B29C 67 /-</u></b>
2017293156	2018246258	2017363307	2019226259	2017390261	2018374636
<b><u>A61L 2 /-</u></b>	2018246258	2017366621	<b><u>B01D 11 /-</u></b>	<b><u>B05B 1 /-</u></b>	<b><u>B29D 11 /-</u></b>
2019351639	2018246321	2018226340	2019217861	2020201066	2016358160
<b><u>A61L 26 /-</u></b>	2018272586	2018226340	<b><u>B01D 3 /-</u></b>	<b><u>B05B 3 /-</u></b>	<b><u>B31F 1 /-</u></b>
2017293156	<b><u>A61P 17 /-</u></b>	2018246321	2019217861	2020201066	2017301579
<b><u>A61L 27 /-</u></b>	2016245204	<b><u>A61P 39 /-</u></b>	<b><u>B01D 35 /-</u></b>	<b><u>B05B 9 /-</u></b>	
2016226178	2017277524	2017317123			
<b><u>A61L 9 /-</u></b>	2017288755	2018226340			
2019209163	<b><u>A61P 19 /-</u></b>	2018246321			
<b><u>A61M 1 /-</u></b>	2017231043	<b><u>A61P 37 /-</u></b>			
2019360152	2017288755	2016243631			
		2017317123			
		2018226340			
		2018246321			
		<b><u>A61P 39 /-</u></b>			
		2017314880			
		<b><u>A61P 43 /-</u></b>			
		2017288755			
		2018272586			
		<b><u>A61P 5 /-</u></b>			

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<b>B32B 25 /-</b>			2017239002	<b>C07D 295 /-</b>	2017213628
2015264791	<b>B64D 47 /-</b>	<b>C01D 15 /-</b>	2017314880		2017252546
2019221436	2020204080	2018228271		2017292177	2017278950
<b>B32B 27 /-</b>	<b>B65D 1 /-</b>	<b>C02F 1 /-</b>	<b>C07D 215 /-</b>		2017280334
2019221436	2018336706	2016203645	2017248253	<b>C07D 303 /-</b>	2017288755
2020229387	2019204509	2019203226		2017239666	2017317123
<b>B32B 3 /-</b>	<b>B65D 41 /-</b>	<b>C02F 5 /-</b>	<b>C07D 217 /-</b>		2017326297
2015264791	2019204509	2019203226	2017239666	<b>C07D 307 /-</b>	2017366621
				2017239666	2018214431
<b>B32B 37 /-</b>	<b>B65D 43 /-</b>	<b>C04B 14 /-</b>	<b>C07D 221 /-</b>		2019280023
2016358160	2019204509	2020385375	2017239666	<b>C07D 311 /-</b>	<b>C07D 473 /-</b>
				2018353722	2016356694
<b>B41F 7 /-</b>	<b>B65D 47 /-</b>	<b>C04B 40 /-</b>	<b>C07D 231 /-</b>		
2016348265	2018336706	2020385375	2017309751	<b>C07D 321 /-</b>	<b>C07D 487 /-</b>
			2019240616	2017239666	2017213628
<b>B41J 2 /-</b>	<b>B65D 50 /-</b>	<b>C05C 9 /-</b>	<b>C07D 233 /-</b>		2017278950
2017426470	2019204509	2019210517	2020201387	<b>C07D 401 /-</b>	2019208416
2019235215				2016324483	2019280023
2020200938	<b>B65D 65 /-</b>	<b>C07C 227 /-</b>	<b>C07D 235 /-</b>	2017239000	2020201387
	2020229387	2020201387	2017309751	2017239002	<b>C07D 491 /-</b>
<b>B41J 3 /-</b>	<b>B65D 81 /-</b>	<b>C07C 229 /-</b>	<b>C07D 237 /-</b>	2017280334	2017213628
2019235215	2016332380	2020201387	2016324144	2017363307	2017278950
				2018246321	2017288755
<b>B41M 1 /-</b>	<b>B65D 85 /-</b>	<b>C07C 231 /-</b>	<b>C07D 239 /-</b>	2019240616	2017326297
2016348265	2016264683	2017209250	2017209250	<b>C07D 403 /-</b>	<b>C07D 495 /-</b>
	2016264686			2017209250	2017213628
<b>B42D 25 /-</b>	<b>B65F 1 /-</b>	<b>C07C 233 /-</b>	<b>C07D 241 /-</b>	2017213628	2017288755
2016266534	2016219605	2017209250	2017277524	2017278950	2018246321
2016293292			2017378785	2017280334	2019280023
<b>B60B 17 /-</b>	<b>B66C 7 /-</b>	<b>C07C 273 /-</b>	<b>C07D 249 /-</b>	2017363307	<b>C07D 498 /-</b>
2017228766	2016298760	2019210517	2020201387	2018246321	2017213628
				2019240616	2017317123
<b>B60H 3 /-</b>	<b>B67D 1 /-</b>	<b>C07C 275 /-</b>	<b>C07D 249 /-</b>	2019333295	
2019209163	2018355506	2017292177	2017309751	2020201387	2017213628
				2020213376	2017317123
<b>B60N 2 /-</b>	<b>B68G 9 /-</b>	<b>C07C 311 /-</b>	<b>C07D 257 /-</b>	<b>C07D 405 /-</b>	<b>C07D 513 /-</b>
2021201210	2016387246	2017309751	2017309751	2017209250	2017213628
				2017213628	2017288755
<b>B60P 3 /-</b>	<b>C01B 17 /-</b>	<b>C07C 43 /-</b>	<b>C07D 261 /-</b>	2017278950	2018246321
2016225800	2016320678	2016320678	2017213628	2017280334	2019280023
			2017309751	2018251687	<b>C07D 498 /-</b>
<b>B61H 13 /-</b>	<b>C01B 25 /-</b>	<b>C07D 207 /-</b>	<b>C07D 263 /-</b>	<b>C07D 407 /-</b>	<b>C07D 498 /-</b>
2017226294	2019203226	2020201387	2017309751	2018251119	2017213628
				<b>C07D 405 /-</b>	<b>C07D 513 /-</b>
<b>B61K 9 /-</b>	<b>C01B 3 /-</b>	<b>C07D 209 /-</b>	<b>C07D 271 /-</b>	2017239000	2017213628
2019396832	2017333893	2017239666	2017252546	2017278950	2017288755
	2019251704	2017242894		2017280334	<b>C07D 519 /-</b>
<b>B61L 1 /-</b>	2020202850	2020201387	<b>C07D 275 /-</b>	2018251687	2017288755
2019396832			2017309751	<b>C07D 407 /-</b>	<b>C07F 7 /-</b>
	<b>C01B 32 /-</b>	<b>C07D 211 /-</b>	<b>C07D 277 /-</b>	2018251119	2017248253
<b>B61L 3 /-</b>		2017239666	2017309751	<b>C07D 409 /-</b>	2017288755
2019396832	2019251704	2017242894	2017252546	2017239000	<b>C07F 9 /-</b>
		2020201387		2017239002	2019364708
<b>B64C 39 /-</b>	<b>C01B 4 /-</b>	<b>C07D 213 /-</b>	<b>C07D 285 /-</b>	2019240616	2019365119
2020204080	2017333893	2017239000	2017252546	<b>C07D 413 /-</b>	<b>C07H 15 /-</b>
				2017213628	2017263377
				2017239000	2017285444
				2018246258	<b>C07H 17 /-</b>
				2019240616	2018226340
				<b>C07D 417 /-</b>	<b>C07H 21 /-</b>
				2017213628	2015249312
				2017239000	2017239666
				2017239002	2019219703
				<b>C07D 471 /-</b>	

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<b><u>C07K 1 /-</u></b>	2019221436	<b><u>C10L 3 /-</u></b>	2017268285	2017301579	2020203262
2015357068	<b><u>C08K 7 /-</u></b>	2016320678	2018208462	<b><u>D21H 19 /-</u></b>	<b><u>E05B 63 /-</u></b>
2017268285	2016408342	<b><u>C10L 5 /-</u></b>	2018296934	2017301579	2020203262
<b><u>C07K 14 /-</u></b>	2018251522	2017327712	<b><u>C12P 19 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>E05B 65 /-</u></b>
2016240847	<b><u>C08L 23 /-</u></b>	2019251704	2018296934	2017301579	2020203262
2016311300	2018395782	<b><u>C10M 175 /-</u></b>	<b><u>C12P 21 /-</u></b>	2017301579	2020203262
2016343775	<b><u>C08L 29 /-</u></b>	2019217861	2015365167	<b><u>E01B 27 /-</u></b>	<b><u>E05C 1 /-</u></b>
2017212788	2020229387	<b><u>C11D 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2016332560	2020203262
2017222644	<b><u>C08L 3 /-</u></b>	2019293287	2015237241	<b><u>E01B 35 /-</u></b>	<b><u>E06B 3 /-</u></b>
2017237163	2020229387	<b><u>C11D 11 /-</u></b>	2015279542	2016332560	2018394845
2017253674	<b><u>C08L 63 /-</u></b>	2019293287	2016231944	<b><u>E01B 9 /-</u></b>	<b><u>E06B 5 /-</u></b>
2017268285	2017316306	<b><u>C11D 3 /-</u></b>	2016324144	2016298760	2018394845
2017385096	<b><u>C08L 67 /-</u></b>	2019293287	2018208462	<b><u>E01F 9 /-</u></b>	2018398495
2018206357	2017276585	<b><u>C12M 1 /-</u></b>	2018318927	2018232798	<b><u>E06B 9 /-</u></b>
2018209178	2017316306	2015292150	2019204018	<b><u>E02F 3 /-</u></b>	2017220376
2019240572	<b><u>C08L 75 /-</u></b>	2017247448	<b><u>C12N 1 /-</u></b>	2019246073	<b><u>E06C 1 /-</u></b>
2020200751	2016408342	2020244494	<b><u>C12N 1 /-</u></b>	<b><u>E02F 9 /-</u></b>	2017210758
<b><u>C07K 16 /-</u></b>	<b><u>C08L 77 /-</u></b>	<b><u>C12N 1 /-</u></b>	2015249312	2018333191	<b><u>E06C 7 /-</u></b>
2015343029	2018251522	2015292150	2015292150	2018342628	2017210758
2015346205	<b><u>C09D 11 /-</u></b>	2015315168	2017247448	2018345153	<b><u>E21B 1 /-</u></b>
2015357068	2020200938	2015365167	2018228271	<b><u>E03C 1 /-</u></b>	2017306273
2015365167	<b><u>C09D 133 /-</u></b>	2016212059	<b><u>C22B 26 /-</u></b>	2016210670	<b><u>E21B 17 /-</u></b>
2017204682	2016411502	<b><u>C12N 13 /-</u></b>	2018228271	<b><u>E04B 1 /-</u></b>	2017306273
2017245099	<b><u>C09D 191 /-</u></b>	2015315168	<b><u>C22B 3 /-</u></b>	2015264791	2017306273
2018242156	2016411502	<b><u>C12N 15 /-</u></b>	2018228271	2016350911	<b><u>E21B 21 /-</u></b>
2019213332	<b><u>C09K 109 /-</u></b>	2015249312	<b><u>C23F 14 /-</u></b>	2018394845	2016348689
<b><u>C07K 17 /-</u></b>	2018251522	2015259188	<b><u>C23F 15 /-</u></b>	<b><u>E04C 2 /-</u></b>	2019217861
2017237163	<b><u>C09D 133 /-</u></b>	2015267160	2019203226	2018398495	<b><u>E21B 23 /-</u></b>
<b><u>C07K 19 /-</u></b>	2020200938	2015315168	<b><u>C25B 1 /-</u></b>	<b><u>E04D 13 /-</u></b>	2016396632
2017237163	<b><u>C09D 191 /-</u></b>	2015343029	2020202850	2015395902	<b><u>E21B 28 /-</u></b>
<b><u>C07K 5 /-</u></b>	2016411502	2015365167	<b><u>C25B 15 /-</u></b>	<b><u>E04F 10 /-</u></b>	2017306273
2016377782	<b><u>C09K 3 /-</u></b>	2015373893	2020202850	<b><u>E04F 15 /-</u></b>	2017306273
2018320089	2017327712	2016231944	<b><u>C40B 30 /-</u></b>	2016225800	<b><u>E21B 31 /-</u></b>
<b><u>C07K 7 /-</u></b>	<b><u>C09K 5 /-</u></b>	2016324144	2019200298	2015264791	<b><u>E21B 33 /-</u></b>
2016311300	2018394845	2017222644	<b><u>D06F 33 /-</u></b>	2015264791	2016396632
2018320089	<b><u>C10G 21 /-</u></b>	2017328728	2016204990	<b><u>E04F 21 /-</u></b>	2016396632
<b><u>C08F 220 /-</u></b>	2016320678	2018296934	<b><u>D06F 37 /-</u></b>	2016256793	<b><u>E21B 34 /-</u></b>
2017314880	<b><u>C10G 29 /-</u></b>	2020201387	2019271949	<b><u>E04G 21 /-</u></b>	2016348689
<b><u>C08G 18 /-</u></b>	2016320678	<b><u>C12N 5 /-</u></b>	<b><u>D06F 39 /-</u></b>	2018208731	2016396632
2016408342	<b><u>C10L 1 /-</u></b>	2015267148	2019271949	<b><u>E04H 15 /-</u></b>	2017306273
2017229125	2017246679	2015273531	<b><u>D06F 58 /-</u></b>	2016225800	<b><u>E21B 41 /-</u></b>
<b><u>C08G 59 /-</u></b>	<b><u>C10L 10 /-</u></b>	2015352350	2016204990	<b><u>E05B 15 /-</u></b>	2019217861
2017316306	2017327712	2015365167	<b><u>D21F 11 /-</u></b>		
<b><u>C08G 63 /-</u></b>	<b><u>C12N 7 /-</u></b>	2016226178			
2017316306	2017221444	2018279009			
<b><u>C08J 9 /-</u></b>	<b><u>C12N 9 /-</u></b>	2019202960			
2016408342					
2017276585					
<b><u>C08K 5 /-</u></b>					
2018251522					

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<b><u>E21B 47 /-</u></b>	<b><u>F24D 11 /-</u></b>	<b><u>G01D 5 /-</u></b>	2016240847 2017201683 2017204682 2018229511 2018242156 2018318927 2019216624 2019240572	2020210147	<b><u>G06F 7 /-</u></b>
2015406920	2018398495	2016230883		<b><u>G02B 5 /-</u></b>	2016271618
<b><u>E21B 7 /-</u></b>	<b><u>F24F 5 /-</u></b>	<b><u>G01F 1 /-</u></b>		2016266534 2019271969	<b><u>G06F 8 /-</u></b>
2017306273	2018398495	2017330313			2018253637
<b><u>E21D 20 /-</u></b>	<b><u>F24H 1 /-</u></b>	<b><u>G01F 25 /-</u></b>		<b><u>G02B 6 /-</u></b>	<b><u>G06F 9 /-</u></b>
2016228128	2018414777	2017330313		2016352929 2019249062	2017291514
<b><u>E21D 21 /-</u></b>	<b><u>F24H 7 /-</u></b>	<b><u>G01G 21 /-</u></b>	2016246586 2017390261	<b><u>G02B 7 /-</u></b>	<b><u>G06K 9 /-</u></b>
2016228128	2018398495	2016371258		2017431850	2016267397 2020200251
<b><u>F16B 13 /-</u></b>	<b><u>F24S 23 /-</u></b>	<b><u>G01G 23 /-</u></b>	2017330313	<b><u>G02C 7 /-</u></b>	<b><u>G06N 10 /-</u></b>
2016228128	2015392197	2016371258		2016250409	2018395427 2019209295 2019228454
<b><u>F16B 23 /-</u></b>	<b><u>F24V 30 /-</u></b>	<b><u>G01H 9 /-</u></b>	2017221132 2019209163	<b><u>G02F 1 /-</u></b>	<b><u>G06N 20 /-</u></b>
2016228128	2017333893	2016230883 2016239915		2019249062	2019279920 2020223750
<b><u>F16B 35 /-</u></b>	<b><u>F25B 30 /-</u></b>	<b><u>G01J 1 /-</u></b>	2019209163	<b><u>G05F 1 /-</u></b>	
2016228128	2016204990	2017231820		2019272004	
<b><u>F16H 1 /-</u></b>	<b><u>F25B 49 /-</u></b>	<b><u>G01L 23 /-</u></b>	2017344436	<b><u>G06F 1 /-</u></b>	<b><u>G06N 3 /-</u></b>
2019216845	2016204990	2019209163		2020331397 2021202562	2018211217 2018374738 2019200746 2019209295 2019279920
<b><u>F16H 57 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G01N 1 /-</u></b>	2019417832	<b><u>G06F 11 /-</u></b>	<b><u>G06N 5 /-</u></b>
2019216845	2020202941	2016240847 2020202593		2016256720 2016269390	2018374738
<b><u>F16K 1 /-</u></b>	<b><u>F28D 20 /-</u></b>	<b><u>G01N 15 /-</u></b>	2020202176	<b><u>G06F 16 /-</u></b>	
2016210670	2018394845	2017330313		2016299873 2018250372 2018395857 2018397572 2019200746 2020200997 2020203027	<b><u>G06N 99 /-</u></b>
<b><u>F16K 15 /-</u></b>	<b><u>F41A 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	2017344436 2019417832		2016287262 2020210132
2016210670	2016363693	2017201683 2017231820 2017237163 2018218356		<b><u>G01V 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>
<b><u>F16K 99 /-</u></b>	<b><u>F41A 21 /-</u></b>	<b><u>G01N 27 /-</u></b>	2015406920 2016222338 2016239915 2016254946 2019303424		2016270937 2018253637
2016277886	2016363693	2015362067 2018218356		<b><u>G06F 17 /-</u></b>	<b><u>G06Q 20 /-</u></b>
<b><u>F16L 11 /-</u></b>	<b><u>F41A 33 /-</u></b>	<b><u>G01N 29 /-</u></b>	2016219714	2016271618 2017215188 2019222819 2019279920 2020233671	2020331397
2016210597	2016363693	2017330313		<b><u>G06F 21 /-</u></b>	<b><u>G06Q 30 /-</u></b>
<b><u>F16M 11 /-</u></b>	<b><u>F42D 3 /-</u></b>	<b><u>G01N 3 /-</u></b>	2015201070 2015362067 2016210664 2016219714		2016270937
2018380169	2019303426	2019303424 2019449031		2017229360 2020201415 2020213347	<b><u>G06T 1 /-</u></b>
<b><u>F16M 13 /-</u></b>	<b><u>G01B 11 /-</u></b>	<b><u>G01N 31 /-</u></b>		<b><u>G06F 3 /-</u></b>	<b><u>G06T 15 /-</u></b>
2018380169	2016267397	2018318927		2017406230 2018416431 2020343932	2016267397 2018253460 2019219728 2020200811
<b><u>F17C 11 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G01N 33 /-</u></b>	2015237241 2015265916 2015343029 2015380551 2016226003 2016226178	<b><u>G02B 21 /-</u></b>	<b><u>G06T 17 /-</u></b>
2017333893	2017200323 2018395184 2019279920 2020202176	2015237241 2015265916 2015343029 2015380551 2016226003 2016226178		2019271969	2016327985
2016257498	<b><u>G01C 22 /-</u></b>			<b><u>G02B 26 /-</u></b>	<b><u>G06T 19 /-</u></b>
<b><u>F21S 9 /-</u></b>	2020202176			2019417832	
2019272004	<b><u>G01C 7 /-</u></b>			<b><u>G02B 27 /-</u></b>	
<b><u>F21W 131 /-</u></b>	2017200323			2016299873 2018250372 2020200997	
2019272004				2019219728 2019271969	

Applications Accepted - IPC Index cont'd

2018211217 2018416431 2019219728	2016246061	<b><u>H02G 11/-</u></b>	2018293680	2016247979	2018290757
<b><u>G06T 5/-</u></b>	<b><u>G16H 20/-</u></b>	2016415537	<b><u>H04L 12/-</u></b>	<b><u>H04W 12/-</u></b>	
2017248506 2020201835	2019257422	<b><u>H02G 3/-</u></b>	2018249485 2021200083	2017229360 2017269344 2019300978	
<b><u>G06T 7/-</u></b>	<b><u>G16H 40/-</u></b>	2017423230 2017423231 2017423232	<b><u>H04L 27/-</u></b>	<b><u>H04W 24/-</u></b>	
2020201835 2020223750	2016266655	<b><u>H02H 1/-</u></b>	2017254079	2018284726	
<b><u>G07F 11/-</u></b>	<b><u>H01B 11/-</u></b>	2017221132	<b><u>H04L 29/-</u></b>	<b><u>H04W 28/-</u></b>	
2020202890	2018395782	<b><u>H02H 9/-</u></b>	2017229360 2017249589 2019300978	2017249015 2018370453 2019272327	
<b><u>G07F 17/-</u></b>	<b><u>H01B 7/-</u></b>	2017221132	<b><u>H04L 5/-</u></b>	<b><u>H04W 4/-</u></b>	
2019222892 2019226259	2018395782	<b><u>H02J 3/-</u></b>	2016416207 2017254079 2018294476	2020201857 2020331397	
<b><u>G08B 21/-</u></b>	<b><u>H01H 21/-</u></b>	<b><u>H02J 7/-</u></b>	<b><u>H04L 9/-</u></b>	<b><u>H04W 48/-</u></b>	
2016247979	2017423230 2017423231 2017423232	2021203829	2017229360 2018376027	2017377972	
<b><u>G09G 5/-</u></b>	<b><u>H01H 9/-</u></b>	2018290757 2018307416 2019209163	<b><u>H04M 1/-</u></b>	<b><u>H04W 52/-</u></b>	
2021202834	2020244488	<b><u>H02K 1/-</u></b>	2017260487 2018280030 2020201857	2018405905	
<b><u>G10H 1/-</u></b>	<b><u>H01J 49/-</u></b>	2018416090	<b><u>H04N 13/-</u></b>	<b><u>H04W 56/-</u></b>	
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<b><u>G10H 3/-</u></b>	<b><u>H01L 31/-</u></b>	2019216845	<b><u>H04N 19/-</u></b>	<b><u>H04W 68/-</u></b>	
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<b><u>G10H 5/-</u></b>	<b><u>H01L 39/-</u></b>	2019245978	<b><u>H04N 5/-</u></b>	<b><u>H04W 72/-</u></b>	
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<b><u>G10L 15/-</u></b>	<b><u>H01M 4/-</u></b>	2016239987	<b><u>H04R 1/-</u></b>	<b><u>H04W 8/-</u></b>	
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<b><u>G10L 17/-</u></b>	<b><u>H01M 50/-</u></b>	2019228454	<b><u>H04R 25/-</u></b>	<b><u>H04W 84/-</u></b>	
2016247979	2018307416	<b><u>H03M 13/-</u></b>	2016358254	2020204080	
<b><u>G11B 27/-</u></b>	<b><u>H01M 6/-</u></b>	2018293680	<b><u>H04R 3/-</u></b>	<b><u>H04W 88/-</u></b>	
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<b><u>G16B 30/-</u></b>	2016305138	2017254079 2017273555 2017274891 2018289406 2018367102 2019283777	<b><u>H04R 7/-</u></b>	<b><u>H04W 92/-</u></b>	
2016220135 2016246061	<b><u>H01P 1/-</u></b>	<b><u>H04J 3/-</u></b>	2016322836	2020201857	
<b><u>G16B 5/-</u></b>	2016342141	2021202562	<b><u>H04R 9/-</u></b>	<b><u>H05H 1/-</u></b>	
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<b><u>G16B 50/-</u></b>			<b><u>H04S 7/-</u></b>	<b><u>H05K 7/-</u></b>	

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018206769 **Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation** ( QIP Nominees Pty Ltd )

**Opposition Withdrawn**

2016322374 **BrightGene Bio-Medical Technology Co., Ltd.** ( Nu-Cana plc )

2016322375 **BrightGene Bio-Medical Technology Co., Ltd.** ( Nu-Cana plc )

**Opposition Dismissed - Proceed to Grant**

2019201262 **Island Block & Paving Pty Ltd** ( Adbri Masonry Pty Ltd )

**Patents Granted**

**Standard Patents**

2014202302 2014274555 2014285701 2014360328  
 2014361781 2014364632 2014373588 2014375928  
 2014379438 2014392629 2014413901 2015203226  
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**Patents Granted**

**Standard Patents**

2016303209 2016305022 2016306569 2016307951  
 2016308175 2016308193 2016310549 2016314266  
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 2018352740 2018352750 2018352936 2018353360  
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 2018370381 2018375161 2018376325 2018377157  
 2018380146 2018381397 2018383864 2018390121

**Patents Granted**

**Standard Patents**

2018390417	2018391964	2018393009	2018394522
2018395837	2018403485	2018406327	2018407010
2018408601	2018408667	2018412750	2018420472
2018428788	2019200145	2019200268	2019200741
2019200789	2019201585	2019201606	2019201616
2019201669	2019201705	2019201881	2019201971
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2019202480	2019202498	2019202530	2019202568
2019202702	2019202717	2019202743	2019202783
2019202785	2019202862	2019202899	2019202954
2019202992	2019203011	2019203052	2019203056
2019203114	2019203174	2019203199	2019203339
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2019203938	2019204163	2019204318	2019204338
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2019204607	2019204644	2019204666	2019204698
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2019226193	2019226302	2019227507	2019228569
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2019246921	2019246927	2019246947	2019250192
2019250276	2019257379	2019257395	2019257493
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2019272018	2019272433	2019275536	2019275589
2019275594	2019279955	2019280994	2019283781
2019283795	2019283806	2019283896	2019283930
2019284105	2019284136	2019284160	2019290870
2019296941	2019296943	2019316539	2019317251
2019320617	2019326288	2019329379	2019329794
2019334235	2019336264	2019341066	2019345614
2019350584	2019369820	2019412598	2019427987
2020200040	2020200224	2020200326	2020200354
2020200435	2020200511	2020200687	2020200941
2020200984	2020201023	2020201126	2020201174
2020201408	2020201527	2020201537	2020201641
2020201647	2020201754	2020201902	2020201957
2020202141	2020202149	2020202229	2020202363
2020202561	2020202702	2020202907	2020203447
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2020213271	2020220108	2020260455	2020264408
2020267203	2020286283	2020294165	2021200559
2021200787			

**Innovation Patents**

2015101994	2016102469	2017101904	2017101905
2017101913	2017101915	2019101805	2020104436
2021101139	2021101840	2021102319	2021102416
2021102444	2021102467	2021102477	2021102529
2021102633	2021102639	2021102716	2021102813
2021102849	2021102883	2021102885	2021102893
2021102896	2021102925	2021102929	2021102938
2021102941	2021102945	2021102979	2021102981
2021102983	2021103012	2021103020	2021103021
2021103028	2021103035	2021103037	2021103038
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2021103102	2021103105	2021103107	2021103115
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2021103145	2021103147	2021103151	2021103153
2021103157	2021103166	2021103168	2021103181
2021103185	2021103186	2021103189	2021103192

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**Innovation Patents**

2021103200	2021103201	2021103202	2021103205
2021103207	2021103208	2021103210	2021103211
2021103212	2021103213	2021103214	2021103217
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2021103255	2021103256	2021103257	2021103258
2021103259	2021103260	2021103261	2021103262
2021103263	2021103265	2021103266	2021103267
2021103268	2021103271	2021103275	2021103276
2021103277	2021103279	2021103280	2021103288
2021103293	2021103295	2021103297	2021103305
2021103309	2021103316	2021103320	2021103346
2021103351	2021103354	2021103396	

**Assignments Registered**

- 2006257073 Baxalta GmbH; Children's Medical Center Corporation; Baxalta Incorporated The patent has been assigned to **Children's Medical Center Corporation; Takeda Pharmaceutical Company Limited**
- 2007211377 UCB Pharma S.A. The patent has been assigned to **UCB Biopharma SRL**
- 2008208151 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**
- 2008217459 Advanced Materials Enterprises Co., Ltd The patent has been assigned to **Gainteam Holdings Limited**
- 2008287620 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**
- 2008358504 KyungDong Electronics Co., Ltd. The patent has been assigned to **Kyungdong Navien Co., Ltd.**
- 2008358505 KyungDong Electronics Co., Ltd. The patent has been assigned to **Kyungdong Navien Co., Ltd.**
- 2009230806 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**
- 2009292555 Kaken Pharmaceutical Co., Ltd.; AGC Inc. The patent has been assigned to **AGC Inc.**
- 2009329212 Unilin, BVBA The patent has been assigned to **Flooring Industries Limited, SARL**
- 2009339460 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**
- 2010345682 Highplus International Co., Ltd. The patent has been assigned to **Neoperl AG**
- 2010358473 KyungDong Electronics Co., Ltd. The patent has been assigned to **Kyungdong Navien Co., Ltd.**
- 2010358474 KyungDong Electronics Co., Ltd. The patent has been assigned to **Kyungdong Navien Co., Ltd.**
- 2011225259 Kaken Pharmaceutical Co., Ltd.; AGC Inc. The patent has been assigned to **AGC Inc.**
- 2011290581 UCB Pharma S.A. The patent has been assigned to **UCB Biopharma SRL**
- 2011303420 Advinus Therapeutics Limited The patent has been assigned to **Impetis Biosciences Ltd.**

**Assignments Registered**

2011306358 Advinus Therapeutics Limited The patent has been assigned to **Impetis Biosciences Ltd.**

2012200515 IVC N.V. The patent has been assigned to **Flooring Industries Limited, SARL**

2012200560 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2012214117 FSP Mining Components Pty Ltd The patent has been assigned to **FSP Holdings Pty Ltd**

2012253411 SoftLayer Technologies, Inc. The patent has been assigned to **International Business Machines Corporation**

2012273538 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2012350313 Invico Tech AB The patent has been assigned to **Sun-Pine AB**

2012359296 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2013200188 IVC N.V. The patent has been assigned to **Flooring Industries Limited, SARL**

2013201479 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2013207252 The Scripps Research Institute; Abide Therapeutics, Inc. The patent has been assigned to **Lundbeck La Jolla Research Center, Inc.; The Scripps Research Institute**

2013224003 UCB Pharma S.A. The patent has been assigned to **UCB Biopharma SRL**

2013290826 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2013290827 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2014257549 The University Court of The University of Aberdeen The patent has been assigned to **Elasmogen Limited**

2015218447 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2015261589 Ginn, Richard The patent has been assigned to **Tenon Medical, Inc.**

2016100352 Bayer New Zealand Limited The patent has been assigned to **Elanco New Zealand**

2016303907 CNH Industrial America LLC. The patent has been assigned to **IVECO S.p.A**

2017323112 Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Shanghai Haihe Pharmaceutical Co., Ltd. The patent has been assigned to **Haihe Biopharma Co., Ltd.**

2018201232 UCB Pharma S.A. The patent has been assigned to **UCB Biopharma SRL**

2020103344 ZHEJIANG NORMAL UNIVERSITY The patent has been assigned to **Zhejiang Normal University Xingzhi College**

2021101299 Shi, Ye The patent has been assigned to **Nanjing Brain Hospital**

**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.

2019216698 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 25 Jun 2009

For the goods BEOVU brolocizumab (rbe) 120 mg/mL solution for injection in pre-filled syringe

**Corrigenda**

In Vol 34 , No 42 , Page(s) 5987 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Samsung Electronics Co., Ltd., Application No. 2020203964, under INID (72) correct the co-inventor to LEE, Jookwan

In Vol 35 , No 24 , Page(s) 5134 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Scientia Vascular, LLC, Application No. 2020209837, under INID (72) correct the co-inventor to DAVIS, Clark C.

In Vol 35 , No 26 , Page(s) 5377 under the heading **Complete Applications Filed - Name Index** Under the name The trustee for Orion Australia Unit Trust, Application No. 2021203536, under INID (71) correct the applicant name to Orion Australia Pty Ltd

In Vol 35 , No 27 , Page(s) 5650 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Qu, H., Application No. 2019399552, under INID (72) correct the co-inventor to CAO, Sheng

In Vol 35 , No 28 , Page(s) 5814 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Orthopediatrics Corp., Application No. 2019398345, under INID (72) correct the co-inventor to DANIELS, David Wayne

In Vol 35 , No 28 , Page(s) 5823 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Vipergen ApS, Application No. 2020211270, under INID (54) correct the title to read A method for screening of an in vitro display library within a cell

In Vol 35 , No 29 , Page(s) 5909 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018263287.

In Vol 35 , No 29 , Page(s) 5912 under the heading **Amendments - Application for Amendments** Under the name Sun Pharmaceutical Industries Australia Limited, Patent Application No. 2016281762 correct the date of the statements filed to 22 Feb 2021 and 30 Jun 2021

In Vol 35 , No 29 , Page(s) 5913 under the heading **Amendments - Application for Amendments** Under the name Wayne State University, Patent Application No. 2019204630 correct the statements filed to 28 Jun 2021 and 06 Jul 2021



**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2014370516	<b>Kling Biotherapeutics B.V.</b>
2016299856	<b>Hequily, L.</b>
2016367260	<b>Adama Makhteshim Ltd.; Rhodia Operations</b>
2017296286	<b>Revelation Plating, LLC</b>
2017422425	<b>Beijing Geekplus Technology Co. Ltd</b>
2019236611	<b>Ember Technologies, Inc.</b>
2019427991	<b>Toshiba Mitsubishi-Electric Industrial Systems Corporation</b>