



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	4361
Amendments Made .....	4362
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	4363

#### Applications Accepted

Name Index .....	4426
Numerical Index .....	4445
IPC Index .....	4447

Applications with amended filing dates Reg 3.5(A). .....	4356
--	------

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	4357
---	------

#### Applications Open to Public Inspection

Name Index .....	4365
Numerical Index .....	4376
IPC Index .....	4377

Assignments before Grant, Section 113 .....	4358
---	------

Assignments Registered .....	4451
------------------------------	------

#### Complete Applications Filed

Name Index .....	4344
Numerical Index .....	4349

Complete Specifications Treated as Provisional Specifications, Section 37 .....	4358
--	------

Corrigenda .....	4452
------------------	------

Extensions of Term of Standard Patents .....	4452
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>4359</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	4351
Numerical Index .....	4356
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	4379
Numerical Index .....	4386
IPC Index .....	4387
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	4389
Numerical Index .....	4418
IPC Index .....	4421
<b>Patents Granted .....</b>	<b>4451</b>
<b>Mortgages Registered .....</b>	<b>4452</b>
<b>Offer to Surrender .....</b>	<b>4451</b>
<b>Opposition Proceedings .....</b>	<b>4451</b>
<b>Provisional Applications Filed</b>	
Name Index .....	4338
Numerical Index .....	4343

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 6 August 2020**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Phoenix Contact GmbH & Co. KG v Pivot Electronics Pty Ltd [2020] APO 35***

Patent Application: 2014253680

Title: Terminal and Disconnection Link

Patent Applicant: Pivot Electronics Pty Ltd

Opponent: Phoenix Contact GmbH & Co. KG

Delegate: M. G. Kraefft

Decision Date: 23 July 2020

Hearing Date: 29 April 2020

Catchwords: **PATENTS** – section 59 – opposition to grant of patent – regulation 5.22 – physical devices available arising from notice to produce pursuant to section 210(1)(c) – whether claimed invention is novel – whether claimed invention involves inventive step – opposition successful – opportunity to amend specification allowed.

Representation: Counsel for the applicant: Mr Ben Gardiner  
Patent attorney for the applicant: Mr David Lee, FB Rice.

Counsel for the opponent: Mr Ian Horak  
Patent attorney for the opponent: Mr Ray Tettman, Watermark Intellectual Property.

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 21 Jul 2020 .

(71) ADAPTAS SOLUTIONS PTY LTD (21) 2020902555 (22) 23.07.2020 (54) IMPROVED ION CONVERSION PLATE	(71) Beltrame, C. (21) 2020902566 (22) 23.07.2020 (54) Multi Compartment Wheelie Bin for household separation and kerbside collection of recyclable waste	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020902640 (22) 28.07.2020 (54) INJECTION OF CARBONACEOUS AQUEOUS SLURRY FUELS INTO LARGE DIESEL ENGINES
(71) Agriculture Victoria Services Pty Ltd (21) 2020902545 (22) 22.07.2020 (54) Compound-Producing Endophytes	(71) Bennet, S. (21) 2020902558 (22) 23.07.2020 (54) PAYLOAD DELIVERY SYSTEM	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020902641 (22) 28.07.2020 (54) METHOD AND APPARATUS FOR REDUCING CYLINDER WEAR IN ENGINES WITH HIGH PARTICULATE CONTAMINATION
(71) Algesacooling Pty Ltd (21) 2020902583 (22) 24.07.2020 (54) Energy Efficient Thermal Transfer Device	(71) Brown & Watson International Pty Ltd (21) 2020902570 (22) 23.07.2020 (54) VEHICLE BATTERY JUMP STARTER	(71) Corbett, D. (21) 2020902563 (22) 23.07.2020 (54) NOTIFICATION AND GUIDANCE SYSTEM AND METHOD FOR AVOIDING COLLISION BETWEEN VEHICLES AND STRUCTURES
(71) Allen, G. (21) 2020902616 (22) 27.07.2020 (54) Adjustable seat	(71) Cao, Y. (21) 2020902573 (22) 23.07.2020 (54) An apparatus for cleaning a gutter	(71) Corbett, M. (21) 2020902606 (22) 26.07.2020 (54) Fluid-dispensing handle tool for toilet cleaning applications
(71) AmPro Innovations Pty Ltd (21) 2020902629 (22) 27.07.2020 (54) A Processing Machine for an Additive Manufacturing Build Assembly	Church, W.B. see Scott, K.F. (21) 2020902552	(71) Curry, W. (21) 2020902530 (22) 21.07.2020 (54) BarrelVis is a surfing video camera. The camera sits to the side of the head. This is a streamlined camera that requires no handles or mounts.
(71) Amtac Professional Services Pty Ltd (21) 2020902579 (22) 24.07.2020 (54) Method of indelibly marking metals	(71) Clutch Industries Pty Ltd (21) 2020902617 (22) 27.07.2020 (54) CLUTCH ASSEMBLY	(71) Derwent Industries Pty Ltd (21) 2020902568 (22) 23.07.2020 (54) WATER MAIN CONNECTOR
(71) Asbestos Reports Australia Pty Limited (21) 2020902523 (22) 21.07.2020 (54) A DATA INTEGRITY MANAGEMENT PROCESS PERFORMED IN A COMPUTER NETWORK	(71) Clutch Industries Pty Ltd (21) 2020902618 (22) 27.07.2020 (54) CLUTCH ASSEMBLY	(71) de Vries, C. (21) 2020902603 (22) 25.07.2020 (54) Anti-Fog Face Mask
(71) Australian Export Grains Innovation Centre Limited (21) 2020902596 (22) 24.07.2020 (54) Seed Malting System and Method	(71) Clutch Industries Pty Ltd (21) 2020902619 (22) 27.07.2020 (54) CLUTCH ASSEMBLY	
(71) Autoslide Pty Ltd (21) 2020902610 (22) 27.07.2020 (54) Automatic Door System	(71) Cociuban, M. (21) 2020902542 (22) 22.07.2020 (54) DESCENDING MECHANISED ACCESS RAMP (D-MAR)	
	(71) Collins, D. (21) 2020902647 (22) 28.07.2020 (54) RECYCLING OF POLYMER NETTING	

Provisional Applications Filed - Name Index cont'd

(71) Du preez, F.J.  
 (21) 2020902526 (22) 21.07.2020  
 (54) Spaceium: a specialist online manufacturing platform that uses AI-assisted computer-aided design to create multi-layered simulation environments that performance-test new capabilities.

(71) Electronic Pain Assessment Technologies (EPAT) Pty Ltd  
 (21) 2020902564 (22) 23.07.2020  
 (54) DELIRIUM RISK ASSESSMENT METHOD AND SYSTEM

(71) EMvision Medical Devices Ltd  
 (21) 2020902597 (22) 24.07.2020  
 (54) An apparatus for electromagnetic characterisation of internal features of an object and a process for producing the apparatus

(71) Esfam Biotech Pty Ltd  
 (21) 2020902630 (22) 27.07.2020  
 (54) COMPOUNDS

(71) Esfam Biotech Pty Ltd  
 (21) 2020902631 (22) 27.07.2020  
 (54) TREATMENT OF CD151 RELATED DISORDERS

(71) Esfam Biotech Pty Ltd  
 (21) 2020902632 (22) 27.07.2020  
 (54) TREATMENT OF VETERINARY CONDITIONS ASSOCIATED WITH CD151

(71) Esfam Biotech Pty Ltd  
 (21) 2020902633 (22) 27.07.2020  
 (54) METHODS OF PROPHYLAXIS AND TREATMENT OF CORONA VIRUS

(71) Esfam Biotech Pty Ltd  
 (21) 2020902634 (22) 27.07.2020  
 (54) METHOD OF TREATMENT OF CYTOMEGALOVIRUS

(71) Farquhar, R.  
 (21) 2020902554 (22) 23.07.2020  
 (54) Systems for harvesting energy

(71) Fastbrick IP Pty Ltd  
 (21) 2020902559 (22) 23.07.2020  
 (54) LOADER FOR HANDLING PALLETS AND CONTAINERS

(71) Fitch, C.L.  
 (21) 2020902518 (22) 21.07.2020  
 (54) A Device for Identifying Faults in Cooling Systems

(71) Fung, E.  
 (21) 2020902521 (22) 21.07.2020  
 (54) Cap system for a camera body and a camera lens

(71) Fusion HVAC Pty Limited  
 (21) 2020902643 (22) 28.07.2020  
 (54) Apparatus for Sterilizing Airflow

(71) Future Roofing Australia Pty Ltd  
 (21) 2020902528 (22) 21.07.2020  
 (54) A MODULAR ROOFING CONSTRUCTION ITEM HAVING SOLAR POWER GENERATION FUNCTIONALITY

(71) Gamma Logistics Pty Ltd  
 (21) 2020902580 (22) 24.07.2020  
 (54) Vehicle For Transporting Bulk Goods

(71) Gardner, A.  
 (21) 2020902525 (22) 21.07.2020  
 (54) System and method for reducing community transmission of COVID-19.

(71) Gardner, A.  
 (21) 2020902560 (22) 23.07.2020  
 (54) System and method for reducing community transmission of COVID-19.

(71) Gardner, A.  
 (21) 2020902569 (22) 23.07.2020  
 (54) System and method for reducing community transmission of COVID-19.

(71) Gardner, A.  
 (21) 2020902581 (22) 24.07.2020  
 (54) System and method for reducing community transmission of COVID-19.

(71) Gardner, A.  
 (21) 2020902615 (22) 27.07.2020  
 (54) System and method for reducing community transmission of COVID-19.

(71) Garratt, T.  
 (21) 2020902582 (22) 24.07.2020  
 (54) AI Executive Meetings

(71) GET MEE PTY LTD  
 (21) 2020902557 (22) 23.07.2020  
 (54) SELF-ADAPTING AND AUTONOMOUS METHODS FOR ANALYSIS OF TEXTUAL AND VERBAL COMMUNICATION

(71) GLOBAL SURGICAL INNOVATIONS HOLDINGS PTY LTD  
 (21) 2020902611 (22) 27.07.2020  
 (54) A BIOCOMPATIBLE PIN, A METHOD OF TREATING JOINT ARTICULAR CARTILAGE DEFECTS IN A BONE

AND A METHOD OF ACCESSING A JOINT SURFACE

(71) GLOBAL SURGICAL INNOVATIONS HOLDINGS PTY LTD  
 (21) 2020902613 (22) 27.07.2020  
 (54) A TISSUE CULTURE ACTUATION SYSTEM, A METHOD OF TISSUE CULTURE ACTUATION, COMPUTER EXECUTABLE STEPS FOR CONTROLLING A TISSUE CULTURE ACTUATION SYSTEM, AND A COMPUTER FOR CONTROLLING A TISSUE CULTURE ACTUATION SYSTEM

(71) Glowacki, J.  
 (21) 2020902534 (22) 22.07.2020  
 (54) ENERGY STORAGE FOR ELECTRICAL PROPULSION SYSTEMS

(71) GODE, A.  
 (21) 2020902598 (22) 24.07.2020  
 (54) A TROLLEY FOR HANDLING WHEELIE BINS

(71) Goldsworthy, R.J.  
 (21) 2020902519 (22) 21.07.2020  
 (54) Method, Apparatus and System for the Collection and Quantification of Mycotoxins within the Built Environment

(71) Habi Pty Ltd  
 (21) 2020902608 (22) 26.07.2020  
 (54) SUPPLEMENTED FOODSTUFF

(71) Haig, J.  
 (21) 2020902602 (22) 25.07.2020  
 (54) Gamified Furniture Engagement System

Hanns, B. see LAMONT, D.  
 (21) 2020902622

(71) Hawthorne Holdings Pty Ltd  
 (21) 2020902646 (22) 28.07.2020  
 (54) CLIP HOLDER

(71) Hydromine Pty Ltd  
 (21) 2020902529 (22) 21.07.2020  
 (54) Pumped hydro energy storage

(71) Infrabuild Wire Pty Limited  
 (21) 2020902543 (22) 22.07.2020  
 (54) Fence Tying

(71) Intelligent Medical Technologies Pty Ltd  
 (21) 2020902609 (22) 26.07.2020  
 (54) NEBULIZER STICK

Provisional Applications Filed - Name Index cont'd

(71) InterK Peptide Therapeutics Limited  
(21) 2020902588 (22) 24.07.2020  
(54) POLYPEPTIDES AND METHODS FOR IMPROVING SKIN CONDITIONS

(71) JDM Products Pty Ltd  
(21) 2020902527 (22) 21.07.2020  
(54) Gunstock Support

(71) Kansal, V.  
(21) 2020902607 (22) 26.07.2020  
(54) A PLATFORM FOR GENERAL PUBLIC TO COOK HOME FOOD FROM THEIR HOME-KITCHEN/DOMESTIC-KITCHEN AND SELL DIRECTLY TO CUSTOMERS ONLINE THROUGH THIRD-PARTY WEBSITE AND APP. HOME COOKED FOOD INCLUDES BUT NOT LIMITED TO:- BEVERAGES/DESSERTS/SNACKS/MEALS.

(71) Kerkhoff, S.  
(21) 2020902531 (22) 21.07.2020  
(54) APPARATUS FOR ATTACHING A UTENSIL TO A SAFETY HELMET

(71) Killen, A.  
(21) 2020902638 (22) 27.07.2020  
(54) Partition extension

(71) Laconik Pty Ltd  
(21) 2020902635 (22) 27.07.2020  
(54) METHODS AND SYSTEMS FOR PREDICTING CROP YIELDS AND OPTIMISING FERTILISER DOSES

(71) LAMONT, D.; Hanns, B.  
(21) 2020902622 (22) 27.07.2020  
(54) DIGITAL CONTACT DETECTION & TRACKING DEVICE SYSTEM FOR BALLS IN SPORTING COMPETITIONS

(71) LAMONT, D.  
(21) 2020902623 (22) 27.07.2020  
(54) H2O ENRICHED WITH NATURAL MINERALS VITAMINS & NUTRIENTS FOR HEALTHY AND BENEFICIAL HUMAN CONSUMPTION

(71) Lanphier, T.  
(21) 2020902561 (22) 23.07.2020  
(54) Quick Build Bracing

(71) Lashkami, S.  
(21) 2020902639 (22) 27.07.2020  
(54) WATER PUMPING SYSTEM OPERATING BASED ON PASCAL'S LAW

(71) LevelMaster Pty Ltd  
(21) 2020902645 (22) 28.07.2020  
(54) Stair Stringer

(71) M. ATTALLA PTY LTD  
(21) 2020902600 (22) 24.07.2020  
(54) Improvements relating to medical face protectors and face shields

Mathews, T. see Owens, K.  
(21) 2020902577

(71) McCarthur, C.  
(21) 2020902553 (22) 22.07.2020  
(54) MULTI-BED SLEEPING ARRANGEMENT FOR A VEHICLE

(71) Mercotech Pty Ltd  
(21) 2020902565 (22) 23.07.2020  
(54) MEAT NETTING STRIPPING APPARATUS

(71) MICHAEL GREAVES & ASSOCIATES PTY. LTD.  
(21) 2020902637 (22) 27.07.2020  
(54) UVC Lamp producing safe visible light

(71) Microbio Pty Ltd  
(21) 2020902624 (22) 27.07.2020  
(54) A Detection Method for Viral Replication

(71) Microbio Pty Ltd  
(21) 2020902627 (22) 27.07.2020  
(54) A Detection Method

(71) Monash University  
(21) 2020902586 (22) 24.07.2020  
(54) Polyelectrolyte Complex Nanoparticle Membrane for a Stable Lithium-Sulfur Battery at Lean Electrolyte Conditions

(71) Monash University  
(21) 2020902589 (22) 24.07.2020  
(54) Macrocyclic-metal organic frameworks

(71) Monash University  
(21) 2020902595 (22) 24.07.2020  
(54) Porous Interlayer

(71) Morris, T.  
(21) 2020902576 (22) 24.07.2020  
(54) Organiser Holder and Connector

(71) Mucpharm Pty Ltd  
(21) 2020902636 (22) 27.07.2020  
(54) COMPOSITIONS AND METHODS FOR TREATING BACTERIAL INFECTIONS

(71) N GIABARDO & A.J LEVIN  
(21) 2020902599 (22) 24.07.2020  
(54) A flip-out snuff-spoon combined with an ultraviolet light, white light, and bottle opener keychain.

(71) Nic slab Pty Ltd  
(21) 2020902625 (22) 27.07.2020  
(54) Source measurement unit

(71) Norseld Pty Ltd  
(21) 2020902592 (22) 24.07.2020  
(54) Pulsed Laser for dermatology treatments

(71) N Plus Holdings Pty Ltd  
(21) 2020902533 (22) 21.07.2020  
(54) A rack to store a bicycle

(71) Nuske, G.  
(21) 2020902620 (22) 27.07.2020  
(54) AIRCRAFT TYRE

(71) Orica Australia Pty Ltd  
(21) 2020902571 (22) 23.07.2020  
(54) Blast design

(71) Owens, K.; Mathews, T.  
(21) 2020902577 (22) 24.07.2020  
(54) Cake Lift and Turning Device

(71) OZ LEGAL ONLINE PTY LTD  
(21) 2020902541 (22) 22.07.2020  
(54) Online Legal information and templates for the self-represented | Legal information and document templates for the self-represented based on a self-represented undefended / uncontested plea in Court to include the following: Digital Online Instant download Legal glossary General process and procedure for an undefended / uncontested plea in Court. E-LAWBOX forms and templates (such as character reference guide and submissions for court template) Court Date Reminder Checklist Users documents are generated in accordance with answers and are automatically to email.

(71) O'Meara, J.  
(21) 2020902584 (22) 24.07.2020  
(54) Receptacle for a Spirit Level or Straight Edge Tool

(71) Pajak, K.  
(21) 2020902556 (22) 23.07.2020  
(54) SOFTWARE BASED CONTACTLESS ORDER NOTIFICATION SYSTEM

(71) Pay@bility Pty Ltd  
(21) 2020902591 (22) 24.07.2020  
(54) Benefit Processing System and Method

Provisional Applications Filed - Name Index cont'd

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(71) PolyActiva Pty Ltd  
 (21) 2020902626 (22) 27.07.2020  
 (54) IMPLANT AND METHOD OF IMPLANT ADMINISTRATION

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(71) PolyActiva Pty Ltd  
 (21) 2020902628 (22) 27.07.2020  
 (54) QUINOLONE-POLYMER CONJUGATE AND COMPOSITION FOR DELIVERY OF QUINOLONES

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(71) Polyline Pipe Systems Limited  
 (21) 2020902572 (22) 23.07.2020  
 (54) Extrusion plant locomotion system

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(71) Prok Conveyor Components Pty Ltd  
 (21) 2020902575 (22) 23.07.2020  
 (54) CONVEYOR ROLLER TUBE

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(71) PROMETTRE RESEARCH PTY LTD  
 (21) 2020902532 (22) 21.07.2020  
 (54) METHODS AND COMPOSITIONS FOR TREATING CANCER

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(71) Prosdocimi, K.  
 (21) 2020902621 (22) 27.07.2020  
 (54) PLACEMENT GUIDE FOR PHYSICAL LAYOUT OF OBJECTS AND AUTOMATED SCORE TRACKING SYSTEM AND METHOD

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(71) Raftopoulos, O.  
 (21) 2020902644 (22) 28.07.2020  
 (54) A Personal Adornment

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(71) Rapid Phenotyping Pty Limited  
 (21) 2020902537 (22) 22.07.2020  
 (54) System for Photodetection of Diffracted Light

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(71) ResMed Pty Ltd  
 (21) 2020902538 (22) 22.07.2020  
 (54) ADJUSTABLE POSITIONING AND STABILISING STRUCTURE

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(71) RESMED PTY LTD  
 (21) 2020902601 (22) 24.07.2020  
 (54) Heat and Moisture Exchanger

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(71) Roam Pty Ltd  
 (21) 2020902593 (22) 24.07.2020  
 (54) A MONOPOLE STRENGTHENING SYSTEM

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(71) Roberts, B.C.  
 (21) 2020902614 (22) 27.07.2020  
 (54) COLLAR FOR PROTECTING ELECTRICAL CABLES

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(71) SALS INVENTION PTY LTD  
 (21) 2020902524 (22) 21.07.2020  
 (54) A LEVELLING ARRANGEMENT FOR REINFORCED CONCRETE AND A METHOD OF LEVELLING REINFORCED CONCRETE

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(71) Savio Healthy Innovations Pty Ltd  
 (21) 2020902548 (22) 22.07.2020  
 (54) A method of producing a beverage

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(71) Scott, K.F.; Church, W.B.  
 (21) 2020902552 (22) 22.07.2020  
 (54) Vimentin inhibitors

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(71) Selwyn, W.  
 (21) 2020902648 (22) 28.07.2020  
 (54) METHOD OF DESULFURIZING AN OIL COMPOSITION

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(71) Silver, B.  
 (21) 2020902547 (22) 22.07.2020  
 (54) A DISPENSING DEVICE

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(71) Snook, R.  
 (21) 2020902551 (22) 22.07.2020  
 (54) Wheelie Stand

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(71) Stone Rail Pty Ltd  
 (21) 2020902612 (22) 27.07.2020  
 (54) Cladding Bracket Assembly

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(71) STRANGE, W.  
 (21) 2020902587 (22) 24.07.2020  
 (54) SYSTEM AND METHODS FOR ENHANCED THERMAL SYPHONING

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(71) Striped IP Pty Ltd  
 (21) 2020902642 (22) 28.07.2020  
 (54) Pesticide Compositions And Uses Thereof

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(71) Telix International Pty Ltd  
 (21) 2020902585 (22) 24.07.2020  
 (54) Methods of treatment

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(71) The Florey Institute of Neuroscience and Mental Health  
 (21) 2020902550 (22) 22.07.2020  
 (54) Compositions and methods for treating disorders associated with loss-of-function mutations in SCN2A

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(71) The Trustee for KHOURY FAMILY TRUST  
 (21) 2020902605 (22) 26.07.2020  
 (54) Marine Barrier

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(71) The University of Melbourne  
 (21) 2020902546 (22) 22.07.2020  
 (54) Vaccination methods and compositions

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(71) The University of Queensland  
 (21) 2020902536 (22) 22.07.2020  
 (54) Spatial Encoding Arrangement

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(71) TNBT Holdings Pty Limited  
 (21) 2020902594 (22) 24.07.2020  
 (54) A Lock

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(71) Torres, A.  
 (21) 2020902535 (22) 22.07.2020  
 (54) Codeine and cannabinoid medicinal preparation

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(71) Torres, A.  
 (21) 2020902539 (22) 22.07.2020  
 (54) Morphine and cannabinoid medicinal preparation

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(71) Torres, A.  
 (21) 2020902540 (22) 22.07.2020  
 (54) Codeine and cannabinoid medicinal preparation

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(71) Torres, A.  
 (21) 2020902544 (22) 22.07.2020  
 (54) medicinal cannabis products designed for human and veterinary usage

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(71) Torres, A.  
 (21) 2020902604 (22) 26.07.2020  
 (54) Prescription based online Pharmacy with dispensing of prescription products by way of delivery and or over the counter.

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(71) Total Uniform Solutions Pty Ltd  
 (21) 2020902590 (22) 24.07.2020  
 (54) FACE MASK AND VISOR

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(71) UniSA Ventures Pty Ltd  
 (21) 2020902562 (22) 23.07.2020  
 (54) Prefabricated Cell Culture Plates Comprising Coatings for Controlled Release of Active Agents

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(71) University of Adelaide Enterprise  
 (21) 2020902567 (22) 23.07.2020  
 (54) AN OPTICAL ELEMENT

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(71) XENEXUS PHARMACEUTICALS PTY LTD  
 (21) 2020902574 (22) 23.07.2020  
 (54) TREATMENT FOR COVID-19 WITH REBAMIPIDE

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Provisional Applications Filed - Name Index cont'd

(71) Zenphi Pty Ltd  
(21) 2020902549 (22) 22.07.2020  
(54) Expression-based switch actions for work-  
flows



Numerical Index

<b>2020902518</b>	Fitch, C.L.	<b>2020902589</b>	Monash University
<b>2020902519</b>	Goldsworthy, R.J.	<b>2020902590</b>	Total Uniform Solutions Pty Ltd
<b>2020902521</b>	Fung, E.	<b>2020902591</b>	Pay@bility Pty Ltd
<b>2020902523</b>	Asbestos Reports Australia Pty Limited	<b>2020902592</b>	Norseld Pty Ltd
<b>2020902524</b>	SALS INVENTION PTY LTD	<b>2020902593</b>	Roam Pty Ltd
<b>2020902525</b>	Gardner, A.	<b>2020902594</b>	TNBT Holdings Pty Limited
<b>2020902526</b>	Du preez, F.J.	<b>2020902595</b>	Monash University
<b>2020902527</b>	JDM Products Pty Ltd	<b>2020902596</b>	Australian Export Grains Innovation Centre Limited
<b>2020902528</b>	Future Roofing Australia Pty Ltd	<b>2020902597</b>	EMvision Medical Devices Ltd
<b>2020902529</b>	Hydromine Pty Ltd	<b>2020902598</b>	GODE, A.
<b>2020902530</b>	Curry, W.	<b>2020902599</b>	N GLABARDO & A.J LEVIN
<b>2020902531</b>	Kerkhoff, S.	<b>2020902600</b>	M. ATTALLA PTY LTD
<b>2020902532</b>	PROMETTRE RESEARCH PTY LTD	<b>2020902601</b>	RESMED PTY LTD
<b>2020902533</b>	N Plus Holdings Pty Ltd	<b>2020902602</b>	Haig, J.
<b>2020902534</b>	Glowacki, J.	<b>2020902603</b>	de Vries, C.
<b>2020902535</b>	Torres, A.	<b>2020902604</b>	Torres, A.
<b>2020902536</b>	The University of Queensland	<b>2020902605</b>	The Trustee for KHOURY FAMILY TRUST
<b>2020902537</b>	Rapid Phenotyping Pty Limited	<b>2020902606</b>	Corbett, M.
<b>2020902538</b>	ResMed Pty Ltd	<b>2020902607</b>	Kansal, V.
<b>2020902539</b>	Torres, A.	<b>2020902608</b>	Habi Pty Ltd
<b>2020902540</b>	Torres, A.	<b>2020902609</b>	Intelligent Medical Technologies Pty Ltd
<b>2020902541</b>	OZ LEGAL ONLINE PTY LTD	<b>2020902610</b>	Autoslide Pty Ltd
<b>2020902542</b>	Cociuban, M.	<b>2020902611</b>	GLOBAL SURGICAL INNOVATIONS HOLDINGS PTY LTD
<b>2020902543</b>	Infrabuild Wire Pty Limited	<b>2020902612</b>	Stone Rail Pty Ltd
<b>2020902544</b>	Torres, A.	<b>2020902613</b>	GLOBAL SURGICAL INNOVATIONS HOLDINGS PTY LTD
<b>2020902545</b>	Agriculture Victoria Services Pty Ltd	<b>2020902614</b>	Roberts, B.C.
<b>2020902546</b>	The University of Melbourne	<b>2020902615</b>	Gardner, A.
<b>2020902547</b>	Silver, B.	<b>2020902616</b>	Allen, G.
<b>2020902548</b>	Savio Healthy Innovations Pty Ltd	<b>2020902617</b>	Clutch Industries Pty Ltd
<b>2020902549</b>	Zenphi Pty Ltd	<b>2020902618</b>	Clutch Industries Pty Ltd
<b>2020902550</b>	The Florey Institute of Neuroscience and Mental Health	<b>2020902619</b>	Clutch Industries Pty Ltd
<b>2020902551</b>	Snook, R.	<b>2020902620</b>	Nuske, G.
<b>2020902552</b>	Scott, K.F.; Church, W.B.	<b>2020902621</b>	Prosdociami, K.
<b>2020902553</b>	McCarthy, C.	<b>2020902622</b>	LAMONT, D.; Hanns, B.
<b>2020902554</b>	Farquhar, R.	<b>2020902623</b>	LAMONT, D.
<b>2020902555</b>	ADAPTAS SOLUTIONS PTY LTD	<b>2020902624</b>	Microbio Pty Ltd
<b>2020902556</b>	Pajak, K.	<b>2020902625</b>	Nicslab Pty Ltd
<b>2020902557</b>	GET MEE PTY LTD	<b>2020902626</b>	PolyActiva Pty Ltd
<b>2020902558</b>	Bennet, S.	<b>2020902627</b>	Microbio Pty Ltd
<b>2020902559</b>	Fastbrick IP Pty Ltd	<b>2020902628</b>	PolyActiva Pty Ltd
<b>2020902560</b>	Gardner, A.	<b>2020902629</b>	AmPro Innovations Pty Ltd
<b>2020902561</b>	Lanphier, T.	<b>2020902630</b>	Esfam Biotech Pty Ltd
<b>2020902562</b>	UniSA Ventures Pty Ltd	<b>2020902631</b>	Esfam Biotech Pty Ltd
<b>2020902563</b>	Corbett, D.	<b>2020902632</b>	Esfam Biotech Pty Ltd
<b>2020902564</b>	Electronic Pain Assessment Technologies (EPAT) Pty Ltd	<b>2020902633</b>	Esfam Biotech Pty Ltd
<b>2020902565</b>	Merctech Pty Ltd	<b>2020902634</b>	Esfam Biotech Pty Ltd
<b>2020902566</b>	Beltrame, C.	<b>2020902635</b>	Laconik Pty Ltd
<b>2020902567</b>	University of Adelaide Enterprise	<b>2020902636</b>	Mucpharm Pty Ltd
<b>2020902568</b>	Derwent Industries Pty Ltd	<b>2020902637</b>	MICHAEL GREAVES & ASSOCIATES PTY. LTD.
<b>2020902569</b>	Gardner, A.	<b>2020902638</b>	Killen, A.
<b>2020902570</b>	Brown & Watson International Pty Ltd	<b>2020902639</b>	Lashkami, S.
<b>2020902571</b>	Orica Australia Pty Ltd	<b>2020902640</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2020902572</b>	Polyline Pipe Systems Limited	<b>2020902641</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2020902573</b>	Cao, Y.	<b>2020902642</b>	Striped IP Pty Ltd
<b>2020902574</b>	XENEXUS PHARMACEUTICALS PTY LTD	<b>2020902643</b>	Fusion HVAC Pty Limited
<b>2020902575</b>	Prok Conveyor Components Pty Ltd	<b>2020902644</b>	Raftopoulos, O.
<b>2020902576</b>	Morris, T.	<b>2020902645</b>	LevelMaster Pty Ltd
<b>2020902577</b>	Owens, K.; Mathews, T.	<b>2020902646</b>	Hawthorne Holdings Pty Ltd
<b>2020902579</b>	Amtac Professional Services Pty Ltd	<b>2020902647</b>	Collins, D.
<b>2020902580</b>	Gamma Logistics Pty Ltd	<b>2020902648</b>	Selwyn, W.
<b>2020902581</b>	Gardner, A.		
<b>2020902582</b>	Garratt, T.		
<b>2020902583</b>	Algesacooling Pty Ltd		
<b>2020902584</b>	O'Meara, J.		
<b>2020902585</b>	Telix International Pty Ltd		
<b>2020902586</b>	Monash University		
<b>2020902587</b>	STRANGE, W.		
<b>2020902588</b>	InterK Peptide Therapeutics Limited		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jul 2020 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) Accenture Global Solutions Limited (21) 2020207818 (22) 22.07.2020 (54) EXTRACTING ACTIONABLE ITEMS FROM DOCUMENTS AND ASSIGNING THE ACTIONABLE ITEMS TO RESPONSIBLE PARTIES (31) 16/525,172 (32) 29.07.19 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020207841 (22) 23.07.2020 (54) UTILIZING A MACHINE LEARNING MODEL AND BLOCKCHAIN TECHNOLOGY TO MANAGE COLLATERAL (62) 2019200729</p> <hr/> <p>(71) Aglive International Pty Ltd (21) 2020207833 (22) 22.07.2020 (54) System, portable unit and server for associating one or more livestock with a property, and a method of operation thereof (62) 2018267599</p> <hr/> <p>(71) Allergan, Inc. (21) 2020207835 (22) 23.07.2020 (54) Ester prodrugs of gamma-lactams and their use (62) 2015327817</p> <hr/> <p>(71) Allergan Industrie, SAS (21) 2020207813 (22) 22.07.2020 (54) Implants for sculpting, augmenting or correcting facial features such as the chin (62) 2016217792</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2020207874 (22) 24.07.2020 (54) TMPRSS6 iRNA compositions and methods of use thereof (62) 2014268529</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020207871 (22) 24.07.2020 (54) Recognition system (62) 2018263987</p> <hr/> <p>(71) Apple Inc. (21) 2020207785 (22) 20.07.2020 (54) Authenticated device used to unlock another device (62) 2018229544</p> <hr/>	<p>(71) Apple Inc. (21) 2020207867 (22) 24.07.2020 (54) Intelligent automated assistant in a media environment (62) 2018260958</p> <hr/> <p>(71) Applied Molecular Transport LLC (21) 2020207779 (22) 20.07.2020 (54) Cholix toxin-derived fusion molecules for oral delivery of biologically active cargo (62) 2015255834</p> <hr/> <p>(71) ARGO COMPUTING SERVICES PTY LTD (21) 2020207773 (22) 20.07.2020 (54) A fully integrated centralised and individualised system for protecting humans from respiratory illnesses, caused by viruses, including testing, GPS, and temperature measuring components.</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2020205353 (22) 17.07.2020 (54) Gaming Cabinet with Curved Displays, Integrated Candle Lighting, and Three-Dimensional Effect Lighting (31) 62/875,497 (32) 17.07.19 (33) US 16/915,495 29.06.20 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2020207881 (22) 24.07.2020 (54) FLEXIBLE DISPLAY FOR USE WITH ONE OR MORE ELECTRONIC GAMING MACHINES (31) 62/878,145 (32) 24.07.19 (33) US 16/929,902 15.07.20 US</p> <hr/> <p><b>Arizona Board of Regents on behalf of Arizona State University see Dignity Health</b> (21) 2020207815</p> <hr/> <p>(71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD (21) 2020207877 (22) 24.07.2020 (54) A DISPENSABLE FOOD CONTAINER</p> <hr/> <p>(71) BGC Partners, Inc. (21) 2020207823 (22) 22.07.2020 (54) SYSTEMS AND METHODS FOR MAINTAINING ANONYMITY IN A GAMING OR OTHER ENVIRONMENT (62) 2018203860</p> <hr/>	<p>(71) Bibo Barmaid LLC (21) 2020210146 (22) 27.07.2020 (54) Cold beverage dispenser (62) 2015292625</p> <hr/> <p><b>Bishop, I.C. see Presswood Jr., R.G.</b> (21) 2020207838</p> <hr/> <p>(71) BLUESCOPE STEEL LIMITED (21) 2020207782 (22) 20.07.2020 (54) CLADDING SHEET (62) 2018256651</p> <hr/> <p>(71) Bradken Resources Pty Limited (21) 2020207890 (22) 24.07.2020 (54) Rotary coupling arrangement (31) 2019902621 (32) 24.07.19 (33) AU</p> <hr/> <p>(71) Bungan Industries Pty Ltd (21) 2020207825 (22) 22.07.2020 (54) Mobilisation device (31) 2019902613 (32) 24.07.19 (33) AU</p> <hr/> <p><b>Bunka, C.A. see Poviva Corp.</b> (21) 2020207796</p> <hr/> <p>(71) BURGOYNE, N.W. (21) 2020207847 (22) 23.07.2020 (54) Cable tray trolley (31) 2019903056 (32) 21.08.19 (33) AU</p> <hr/> <p>(71) Calgon Carbon Corporation (21) 2020207842 (22) 23.07.2020 (54) CARBON SORBENTS FOR THE REMOVAL OF NITROGEN OXIDES AND METHODS FOR MAKING THE SAME (62) 2016205029</p> <hr/> <p>(71) Cambria Company LLC (21) 2020207836 (22) 23.07.2020 (54) PROCESSED SLABS, AND SYSTEMS AND METHODS RELATED THERETO (62) 2015305694</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2020207772 (22) 20.07.2020 (54) Medication delivery management (62) 2014268801</p> <hr/> <p>(71) Carrier Corporation (21) 2020207816 (22) 22.07.2020</p>
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Complete Applications Filed - Name Index cont'd

(54) Shutdown of automatic ignition controls upon valve relay failures  
(31) 201911033900 (32) 22.08.19 (33) IN

(71) Cartiva, Inc.  
(21) 2020207814 (22) 22.07.2020  
(54) Hydrogel implants with porous materials and methods  
(62) 2016243659

(71) CATERPILLAR INC.  
(21) 2020207844 (22) 23.07.2020  
(54) MULTI-VARIATOR HYDROSTATIC TRANSMISSION  
(31) 16/534,926 (32) 07.08.19 (33) US

(71) Celgene Corporation  
(21) 2020210144 (22) 27.07.2020  
(54) Methods of expanding T cells  
(62) 2014302771

(71) Chill Gaming Pty Ltd  
(21) 2020207807 (22) 21.07.2020  
(54) Audio system  
(62) 2018214028

(71) Coherus Biosciences, Inc.  
(21) 2020207824 (22) 22.07.2020  
(54) Perfusion media  
(62) 2015210930

(71) Colgate-Palmolive Company; Omron Healthcare Co., Ltd.  
(21) 2020210139 (22) 27.07.2020  
(54) Electric toothbrush and method for operating an electric toothbrush  
(62) 2018253540

(71) Conair Corporation  
(21) 2020207832 (22) 22.07.2020  
(54) Curling iron apparatus with releasable clamp  
(62) 2015226956

(71) Covidien LP  
(21) 2020210133 (22) 27.07.2020  
(54) Surgical instrument with evacuation port and method  
(31) 16/564,900 (32) 09.09.19 (33) US

(71) Covidien LP  
(21) 2020210135 (22) 27.07.2020  
(54) Reusable surgical port with disposable seal assembly  
(31) 16/564,780 (32) 09.09.19 (33) US

(71) Covidien LP  
(21) 2020210136 (22) 27.07.2020  
(54) Anvil buttress loading unit for a surgical stapling apparatus  
(31) 16/565,668 (32) 10.09.19 (33) US

(71) Covidien LP  
(21) 2020210140 (22) 27.07.2020  
(54) System and method for local three dimensional volume reconstruction using a standard fluoroscope  
(62) 2019200594

(71) CSR Building Products Limited  
(21) 2020207846 (22) 23.07.2020  
(54) WALL STRUCTURE AND METHOD  
(62) 2018204722

(71) Dali Systems Co. Ltd.  
(21) 2020207827 (22) 22.07.2020  
(54) NETWORK SWITCH FOR A DISTRIBUTED ANTENNA NETWORK  
(62) 2019202185

(71) Deere & Company  
(21) 2020207839 (22) 23.07.2020  
(54) Systems and methods for selective fertilizer placement  
(31) 16/551,291 (32) 26.08.19 (33) US

(71) Deere & Company  
(21) 2020207866 (22) 24.07.2020  
(54) Residue shield for row cleaner on an agricultural machine  
(31) 16/555,874 (32) 29.08.19 (33) US

(71) Deere & Company  
(21) 2020207870 (22) 24.07.2020  
(54) Variable float and variable blade impact  
(31) 16/555,864 (32) 29.08.19 (33) US

(71) Delivery Eagle AG  
(21) 2020207858 (22) 23.07.2020  
(54) Drone for low-noise delivery of objects  
(31) 19188376.8 (32) 25.07.19 (33) EP

(71) Dexcom, Inc.  
(21) 2020207865 (22) 24.07.2020  
(54) Flexible analyte sensors  
(62) 2018209930

(71) Dignity Health; Arizona Board of Regents on behalf of Arizona State University  
(21) 2020207815 (22) 22.07.2020  
(54) Systems and methods for non-intrusive deception detection  
(62) 2020203265

**Docherty, J. see Poviva Corp.**  
(21) 2020207796

(71) DRLOCK 24H PTY LTD  
(21) 2020207886 (22) 24.07.2020  
(54) LOCK CONVERSION FITTING KIT  
(31) 2019902631 (32) 24.07.19 (33) AU

(71) Echosens  
(21) 2020207873 (22) 24.07.2020  
(54) SYSTEM FOR CHARACTERIZING TISSUE AND ASSOCIATED METHOD  
(31) 16/522,804 (32) 26.07.19 (33) US  
19188700 26.07.19 EP

(71) Embody Orthopaedic Ltd  
(21) 2020207862 (22) 23.07.2020  
(54) HOLDER FOR AN ACETABULAR CUP IMPLANT  
(62) 2017296119

(71) Envisia Therapeutics, Inc  
(21) 2020207819 (22) 22.07.2020  
(54) IMPLANT APPLICATORS  
(62) 2017321980

(71) Evogene Ltd.  
(21) 2020209370 (22) 27.07.2020  
(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing abiotic stress tolerance, yield, growth rate, vigor, biomass, oil content, and/or nitrogen use efficiency of plants  
(62) 2018203260

(71) Evonik Operations GmbH  
(21) 2020207864 (22) 24.07.2020  
(54) Production of fine-pored PMMA foams using nucleating agents  
(62) 2016239890

(71) EXODRILL PTY LTD  
(21) 2020207790 (22) 20.07.2020  
(54) The ExoDrill Double Shoulder Refacing (DSR) Tool removes imperfections from single and dual mechanical seals on specific oil country tubular goods connections and specific drilling tool connections.

(71) Fredax AB  
(21) 2020207775 (22) 20.07.2020  
(54) Humanised anti kallikrein-2 antibody  
(62) 2014351611

(71) GE & DA Kennedy Pty Ltd  
(21) 2020207799 (22) 21.07.2020  
(54) Improved Stakes for Log Carrier Bolster  
(31) 2019902609 (32) 24.07.19 (33) AU

(71) General Electric Company  
(21) 2020207831 (22) 22.07.2020  
(54) PLATELET ACTIVATION AND GROWTH FACTOR RELEASE USING ELECTRIC PULSES  
(62) 2015206756

(71) Georg Fischer WAGA NV  
(21) 2020207878 (22) 24.07.2020

Complete Applications Filed - Name Index cont'd

<p>(54) Coupling device (62) 2018264044</p> <hr/> <p>(71) Global Blood Therapeutics, Inc. (21) 2020207778 (22) 20.07.2020 (54) CRYSTALLINE POLYMORPHS OF THE FREE BASE OF 2-HYDROXY-6-((2-(1-ISOPROPYL-1H-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY)BENZALDEHYDE (62) 2015214182</p> <hr/> <p>(71) GOJO INDUSTRIES, INC. (21) 2020207849 (22) 23.07.2020 (54) COMPOSITIONS AND METHODS WITH EFFICACY AGAINST SPORES AND OTHER ORGANISMS (62) 2019201506</p> <hr/> <p>(71) Gregory-Dunsmuir, D. (21) 2020207875 (22) 24.07.2020 (54) HERBICIDE COMPOSITION (31) 2019902653 (32) 25.07.19 (33) AU</p> <hr/> <p>(71) GVA Consultants AB (21) 2020207859 (22) 23.07.2020 (54) Marine vessel comprising LG handling system (62) 2015397168</p> <hr/> <p>(71) Henkel AG &amp; Co. KGaA (21) 2020207854 (22) 23.07.2020 (54) Liquid aqueous stain remover for oily or greasy stains (31) 19188127.5 (32) 24.07.19 (33) EP</p> <hr/> <p>(71) Heron Therapeutics, Inc. (21) 2020207850 (22) 23.07.2020 (54) Long-acting polymeric delivery systems (62) 2015249949</p> <hr/> <p>(71) Hicor Technologies, Inc. (21) 2020207876 (22) 24.07.2020 (54) Compressor (62) 2016242821</p> <hr/> <p>howey, m. see howey, m. (21) 2020210137</p> <hr/> <p>howey, m. see howey, m. (21) 2020210137</p> <hr/> <p>(71) howey, m.; howey, m.; howey, m. (21) 2020210137 (22) 27.07.2020 (54) Office4Me, it is a free standing, portable, flat packed complete home office that can be shipped and installed on site globally. Height adjust legs for bespoke leveling. Simple design and can be self installed or general handy person install. Has unique design features including digital print im-</p>	<p>ages vinyl wrapped eg office background for teams/digital/virtual meetings plus wrap around the shell. Internal and external images can be customised eg tropical, beach. Different sizes (phone box, rectangular, square) and configurations according to needs. Wifi, furniture, electrical for office.</p> <hr/> <p>(71) Howmedica Osteonics Corp. (21) 2020207869 (22) 24.07.2020 (54) Hybrid metal-backed glenoid component (31) 62/881,527 (32) 01.08.19 (33) US</p> <hr/> <p>(71) Huang, H.; Liu, F. (21) 2020205351 (22) 17.07.2020 (54) Organic fiber toughened inorganic composite artificial stone panel and preparation method thereof (31) 201910656527.2 (32) 19.07.19 (33) CN</p> <hr/> <p>(71) Huawei Technologies Co., Ltd. (21) 2020207855 (22) 23.07.2020 (54) CLOSED LOOP APERTURE TUNABLE ANTENNA (62) 2017270872</p> <hr/> <p>(71) Huawei Technologies Co., Ltd. (21) 2020207857 (22) 23.07.2020 (54) IMAGE ENCODING METHOD AND APPARATUS, AND IMAGE DECODING METHOD AND APPARATUS (62) 2016390979</p> <hr/> <p>(71) Huawei Technologies Co., Ltd. (21) 2020207860 (22) 23.07.2020 (54) IMAGE ENCODING METHOD AND APPARATUS, AND IMAGE DECODING METHOD AND APPARATUS (62) 2016390979</p> <hr/> <p>(71) Hunter Douglas Inc. (21) 2020207843 (22) 23.07.2020 (54) Shutter panel with an automatic louver closure assembly and related damping features (31) 62/878,871 (32) 26.07.19 (33) US 62/979,519 21.02.20 US</p> <hr/> <p>(71) Hyprotek, Inc. (21) 2020210138 (22) 27.07.2020 (54) Port cleaning devices and method of cleaning an intravascular line port (62) 2018204820</p> <hr/> <p>(71) ICM Co., Ltd. (21) 2020207879 (22) 24.07.2020 (54) Nkx3.2 fragment and pharmaceutical composition comprising same as active ingredient (62) 2017358282</p> <hr/> <p>Ihrke, T.J. see Poviva Corp.</p>	<p>(21) 2020207796</p> <hr/> <p>(71) Illumina, Inc. (21) 2020207826 (22) 22.07.2020 (54) System and method for secondary analysis of nucleotide sequencing data (62) 2017341069</p> <hr/> <p>(71) Intervet International B.V. (21) 2020210142 (22) 27.07.2020 (54) Antagonistic anti-canine PD-1 antibodies (62) 2014368450</p> <hr/> <p>(71) Ionis Pharmaceuticals, Inc. (21) 2020207820 (22) 22.07.2020 (54) COMPOSITIONS AND METHODS FOR MODULATING APOLIPOPROTEIN CIII EXPRESSION (62) 2019200820</p> <hr/> <p>(71) JELD-WEN, Inc. (21) 2020207817 (22) 22.07.2020 (54) Corner key with drainage pathway (31) 16/518,836 (32) 22.07.19 (33) US</p> <hr/> <p>(71) Johnson &amp; Johnson Consumer Inc. (21) 2020207805 (22) 21.07.2020 (54) Compositions and methods for treating the oral cavity (31) 62/877,395 (32) 23.07.19 (33) US</p> <hr/> <p>(71) Johnson &amp; Johnson Consumer Inc. (21) 2020207882 (22) 24.07.2020 (54) Minoxidil-containing hair growth composition (62) 2015284348</p> <hr/> <p>(71) Kam, K.T.R. (21) 2020205359 (22) 19.07.2020 (54) Self-Levelling Spreader Beam</p> <hr/> <p>(71) Kyungdong Navien Co., Ltd. (21) 2020205360 (22) 20.07.2020 (54) CAP AND WATER-HEATING DEVICE INCLUDING THE SAME (31) 10-2019-0113103 (32) 11.09.19 (33) KR</p> <hr/> <p>(71) Law on Earth IP Pty Ltd (21) 2020210143 (22) 27.07.2020 (54) Computer Platform and Method for Securely Exchanging Confidential Data and Generating Legal Documents (31) 62/879,477 (32) 28.07.19 (33) US</p> <hr/> <p>(71) LG Electronics Inc. (21) 2020207851 (22) 23.07.2020 (54) Washing machine (62) 2018260955</p>
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Complete Applications Filed - Name Index cont'd

- (71) LG Electronics Inc.  
(21) 2020207853 (22) 23.07.2020  
(54) Laundry treating apparatus  
(62) 2018260951
- 
- Liu, F. see Huang, H.**  
(21) 2020205351
- 
- (71) Mallinckrodt Hospital Products IP Limited  
(21) 2020207809 (22) 21.07.2020  
(54) Systems and methods for intelligent gas source management and/or systems and methods for delivery of therapeutic gas and/or enhanced performance verification for therapeutic gas delivery  
(62) 2015255688
- 
- (71) Manitou Italia S.r.l.  
(21) 2020207786 (22) 20.07.2020  
(54) Improved arm with two or more hooks  
(31) 102019000012957 (32) 25.07.19 (33) IT
- 
- (71) MASTERCARD INTERNATIONAL INCORPORATED  
(21) 2020207783 (22) 20.07.2020  
(54) Method and system for voice authenticated distribution of payment credentials  
(62) 2017268112
- 
- (71) Medtronic Minimed, Inc.  
(21) 2020207811 (22) 22.07.2020  
(54) Infusion systems and methods for automated mitigation of exercise effects  
(62) 2017340512
- 
- (71) Mercuri, R.  
(21) 2020207852 (22) 23.07.2020  
(54) I have developed a hand sanitising station for the domestic market....fitted at the front door it allows visitors to sanitise their hands before entering the home. There are lots of these in commercial and retail but nothing suited or affordable for houses.
- 
- (71) Muffett, R.  
(21) 2020205356 (22) 17.07.2020  
(54) Absorption of Atmospheric Carbon Dioxide  
(62) 2019201889
- 
- (71) Neurocrine Biosciences, Inc.  
(21) 2020207774 (22) 20.07.2020  
(54) CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia  
(62) 2015209452
- 
- (71) Nolan, M.  
(21) 2020207770 (22) 20.07.2020  
(54) Horizontal hybrid metal spinning lure
- 
- (71) Northrop Grumman Systems Corporation  
(21) 2020210132 (22) 27.07.2020
- 
- (54) ZZZ coupler for superconducting qubits  
(62) 2018230035
- 
- (71) Novartis AG  
(21) 2020205355 (22) 17.07.2020  
(54) Chemical process for preparing imidazopyrrolidinone derivatives and intermediates thereof  
(62) 2017364332
- 
- (71) Novartis AG  
(21) 2020207771 (22) 20.07.2020  
(54) Use of the IL-1Beta binding antibody canakinumab for treating or alleviating symptoms of pulmonary sarcoidosis  
(62) 2017298656
- 
- Omron Healthcare Co., Ltd. see Colgate-Palmolive Company**  
(21) 2020210139
- 
- (71) Pajunk GmbH Medizintechnologie  
(21) 2020207884 (22) 24.07.2020  
(54) Surgical Instrument  
(31) 10 2019 120 671.5 (32) 31.07.19 (33) DE
- 
- (71) Pangang Group Panzhuhua Iron & Steel Research Institute Co., Ltd.  
(21) 2020207808 (22) 21.07.2020  
(54) A METHOD FOR CONTROLLING THE MARTENSITIC STRUCTURE OF FLASH WELDING JOINT OF R260 STEEL RAIL  
(31) 201910702872.5 (32) 31.07.19 (33) CN
- 
- (71) Pfizer Inc.  
(21) 2020210145 (22) 27.07.2020  
(54) Combination of an OX40 agonist and a 4-1BB agonist monoclonal antibody for treating cancer  
(62) 2017211540
- 
- (71) Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.  
(21) 2020207796 (22) 21.07.2020  
(54) STABLE READY-TO-DRINK BEVERAGE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS  
(62) 2019202300
- 
- (71) President and Fellows of Harvard College  
(21) 2020207837 (22) 23.07.2020  
(54) Mutant Cas9 proteins  
(62) 2014353128
- 
- (71) Presswood Jr., R.G.; Bishop, I.C.  
(21) 2020207838 (22) 23.07.2020  
(54) Method to recycle plastics, electronics, munitions or propellants using a metal reactant alloy composition  
(62) 2016263440
- 
- (71) PTC Therapeutics, Inc.  
(21) 2020207880 (22) 24.07.2020  
(54) Polymorphic and amorphous forms of (R)-2-hydroxy-2-methyl-4-(2,4,5-trimethyl-3,6-dioxocyclohexa-1,4-dienyl)butanamide  
(62) 2015364640
- 
- (71) Qualcomm Incorporated  
(21) 2020207821 (22) 22.07.2020  
(54) MOTION VECTOR DERIVATION IN VIDEO CODING  
(62) 2016243520
- 
- (71) Qualcomm Incorporated  
(21) 2020207829 (22) 22.07.2020  
(54) CONTROL CHANNEL BASED BROADCAST MESSAGING  
(62) 2016252533
- 
- (71) Rocket Innovations, Inc.  
(21) 2020205358 (22) 17.07.2020  
(54) Moisture-erasable note taking system  
(62) 2017356227
- 
- (71) S.P.C.M. SA  
(21) 2020207830 (22) 22.07.2020  
(54) COMPOSITION FOR OIL AND GAS RECOVERY  
(31) 16/523,599 (32) 26.07.19 (33) US
- 
- (71) Sage Therapeutics, Inc.  
(21) 2020207810 (22) 21.07.2020  
(54) Compositions and methods for treating CNS disorders  
(62) 2015331597
- 
- (71) Scholar Rock, Inc.  
(21) 2020210134 (22) 27.07.2020  
(54) Use of myostatin inhibitors and combination therapies  
(62) 2017283546
- 
- (71) Schott AG  
(21) 2020207845 (22) 23.07.2020  
(54) Glass composition and glass powder, in particular for the use in the dental field  
(31) 102019120434.8 (32) 29.07.19 (33) DE
- 
- (71) SELEGGT GmbH  
(21) 2020207812 (22) 22.07.2020  
(54) Egg inspection device  
(62) 2017311519
- 
- (71) Senator Boats 2017 Limited  
(21) 2020207781 (22) 20.07.2020  
(54) IMPROVEMENTS IN, OR RELATED TO, AMPHIBIOUS VESSELS  
(62) 2019203871
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Complete Applications Filed - Name Index cont'd

<p>(71) SHEKEL SCALES (2008) LTD (21) 2020207791 (22) 20.07.2020 (54) PLANAR LOAD CELL ASSEMBLY (62) PCT/IB2018/060588</p>	<p>(54) ADJUSTABLE ANGLE FLOAT ARM</p>	
<p>(71) Siemens Mobility GmbH (21) 2020205352 (22) 17.07.2020 (54) Method and communication unit for the cryptographically protected unidirectional data transmission of payload data between two networks (31) 19186690.4 (32) 17.07.19 (33) EP</p>	<p>(71) SYNERZ MEDICAL, INC. (21) 2020207787 (22) 24.07.2020 (54) Intra-gastric device for treating obesity (62) 2018282461</p>	<p>(71) Tripod Nano Technology Corporation (21) 2020207861 (22) 23.07.2020 (54) METHOD OF MAKING COLLOIDAL SELENIUM NANOPARTICLES (31) 109121408 (32) 23.06.20 (33) TW</p>
<p>(71) Simonelli Group S.P.A. (21) 2020207793 (22) 21.07.2020 (54) HEAT EXCHANGER FOR DISCHARGE CONTAINERS OF SOLENOID VALVES OF MACHINES FOR COFFEE DISPENSING, RELATIVE DISCHARGE CONTAINER EQUIPPED WITH SUCH HEAT EXCHANGER AND MACHINE FOR COFFEE DISPENSING PROVIDED WITH SUCH DISCHARGE CONTAINER AND SUCH HEAT EXCHANGER (31) 102019000012945 (32) 25.07.19 (33) IT</p>	<p>(71) The FINCH Company Pty Limited (21) 2020207883 (22) 24.07.2020 (54) Heat transfer device (31) 2019902652 (32) 25.07.19 (33) AU</p>	<p>(71) TuSimple, Inc. (21) 2020207822 (22) 22.07.2020 (54) Battery power control in autonomous vehicles having alternator-charging systems (31) 62/878,118 (32) 24.07.19 (33) US 62/878,131 24.07.19 US</p>
<p>(71) Smart Wires Inc. (21) 2020207780 (22) 20.07.2020 (54) System and method for facts device bypass mode operation and diagnostics (31) 62/878,603 (32) 25.07.19 (33) US 16/890,650 02.06.20 US</p>	<p>(71) The General Hospital Corporation (21) 2020207840 (22) 23.07.2020 (54) RNA-GUIDED TARGETING OF GENETIC AND EPIGENOMIC REGULATORY PROTEINS TO SPECIFIC GENOMIC LOCI (62) 2014239665</p>	<p>(71) Université Catholique de Louvain (21) 2020207792 (22) 21.07.2020 (54) Compositions comprising mesenchymal stem cells and uses thereof (62) 2016259737</p>
<p>(71) Smith, A. (21) 2020207777 (22) 20.07.2020 (54) MULTIMODAL DEVICE FOR TRANSDERMAL TREATMENTS (62) 2018203255</p>	<p>(71) The Nielsen Company (US), LLC (21) 2020207885 (22) 24.07.2020 (54) Methods and apparatus to monitor media presentations (62) 2018232912</p>	<p>(71) Waymo LLC (21) 2020205357 (22) 17.07.2020 (54) AUTONOMOUS VEHICLE SERVICES (62) 2016381437</p>
<p>(71) Société des Produits Nestlé S.A. (21) 2020207863 (22) 24.07.2020 (54) Synthetic milk compositions for optimal growth and development and prevention of obesity in male and female infant and children (62) 2018217206</p>	<p>(71) The Procter &amp; Gamble Company (21) 2020207834 (22) 22.07.2020 (54) Oral care compositions for promoting gum health (62) 2017335795</p>	<p>(71) X-CHEM, INC. (21) 2020207828 (22) 22.07.2020 (54) Soluble epoxide hydrolase inhibitors and uses thereof (62) 2015306643</p>
<p>(71) Société des Produits Nestlé S.A. (21) 2020210131 (22) 27.07.2020 (54) Methods using facial temperature to evaluate post-ingestive impact of food ingredients on fat oxidation (62) 2015342080</p>	<p>(71) The Scripps Research Institute (21) 2020207804 (22) 21.07.2020 (54) Peptidic chimeric antigen receptor t cell switches and uses thereof (62) 2014337367</p>	<p>(71) Xencor, Inc. (21) 2020207803 (22) 21.07.2020 (54) A method for purifying antibodies (62) 2018202978</p>
<p>(71) Sony Corporation (21) 2020207788 (22) 20.07.2020 (54) Management device, individual entity management system, and individual entity search system (62) 2016259942</p>	<p>(71) The University of North Carolina at Chapel Hill (21) 2020207806 (22) 21.07.2020 (54) Methods and compositions for targeted gene transfer (62) 2016206624</p>	<p>(71) Xenex Disinfection Services LLC (21) 2020207856 (22) 23.07.2020 (54) Room and Area Disinfection Utilizing Pulsed Light With Modulated Power Flux And Light Systems With Visible Light Compensation Between Pulses (62) 2018202610</p>
<p>(71) Stewart, T. (21) 2020207802 (22) 21.07.2020</p>	<p>(71) TNBT Holdings Pty Limited (21) 2020207887 (22) 24.07.2020 (54) A Lock (31) 2019902651 (32) 25.07.19 (33) AU</p>	<p>(71) XIAMEN LEEDARSON LIGHTING CO., LTD. (21) 2020207798 (22) 21.07.2020 (54) LED BULB APPARATUS (31) 16/893,324 (32) 04.06.20 (33) US 16/893,339 04.06.20 US</p>

Numerical Index

<b>2020205351</b>	Huang, H.; Liu, F.	<b>2020207835</b>	Allergan, Inc.
<b>2020205352</b>	Siemens Mobility GmbH	<b>2020207836</b>	Cambria Company LLC
<b>2020205353</b>	Aristocrat Technologies, Inc.	<b>2020207837</b>	President and Fellows of Harvard College
<b>2020205355</b>	Novartis AG	<b>2020207838</b>	Presswood Jr., R.G.; Bishop, I.C.
<b>2020205356</b>	Muffett, R.	<b>2020207839</b>	Deere & Company
<b>2020205357</b>	Waymo LLC	<b>2020207840</b>	The General Hospital Corporation
<b>2020205358</b>	Rocket Innovations, Inc.	<b>2020207841</b>	Accenture Global Solutions Limited
<b>2020205359</b>	Kam, K.T.R.	<b>2020207842</b>	Calgon Carbon Corporation
<b>2020205360</b>	Kyungdong Navien Co., Ltd.	<b>2020207843</b>	Hunter Douglas Inc.
<b>2020207770</b>	Nolan, M.	<b>2020207844</b>	CATERPILLAR INC.
<b>2020207771</b>	Novartis AG	<b>2020207845</b>	Schott AG
<b>2020207772</b>	CareFusion 303, Inc.	<b>2020207846</b>	CSR Building Products Limited
<b>2020207773</b>	ARGO COMPUTING SERVICES PTY LTD	<b>2020207847</b>	BURGOYNE, N.W.
<b>2020207774</b>	Neurocrine Biosciences, Inc.	<b>2020207849</b>	GOJO INDUSTRIES, INC.
<b>2020207775</b>	Fredax AB	<b>2020207850</b>	Heron Therapeutics, Inc.
<b>2020207777</b>	Smith, A.	<b>2020207851</b>	LG Electronics Inc.
<b>2020207778</b>	Global Blood Therapeutics, Inc.	<b>2020207852</b>	Mercuri, R.
<b>2020207779</b>	Applied Molecular Transport LLC	<b>2020207853</b>	LG Electronics Inc.
<b>2020207780</b>	Smart Wires Inc.	<b>2020207854</b>	Henkel AG & Co. KGaA
<b>2020207781</b>	Senator Boats 2017 Limited	<b>2020207855</b>	Huawei Technologies Co., Ltd.
<b>2020207782</b>	BLUESCOPE STEEL LIMITED	<b>2020207856</b>	Xenex Disinfection Services LLC
<b>2020207783</b>	MASTERCARD INTERNATIONAL INCORPORATED	<b>2020207857</b>	Huawei Technologies Co., Ltd.
<b>2020207785</b>	Apple Inc.	<b>2020207858</b>	Delivery Eagle AG
<b>2020207786</b>	Manitou Italia S.r.l.	<b>2020207859</b>	GVA Consultants AB
<b>2020207787</b>	SYNERZ MEDICAL, INC.	<b>2020207860</b>	Huawei Technologies Co., Ltd.
<b>2020207788</b>	Sony Corporation	<b>2020207861</b>	Tripod Nano Technology Corporation
<b>2020207790</b>	EXODRILL PTY LTD	<b>2020207862</b>	Embody Orthopaedic Ltd
<b>2020207791</b>	SHEKEL SCALES (2008) LTD	<b>2020207863</b>	Société des Produits Nestlé S.A.
<b>2020207792</b>	Université Catholique de Louvain	<b>2020207864</b>	Evonik Operations GmbH
<b>2020207793</b>	Simonelli Group S.P.A.	<b>2020207865</b>	Dexcom, Inc.
<b>2020207796</b>	Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.	<b>2020207866</b>	Deere & Company
<b>2020207798</b>	XIAMEN LEEDARSON LIGHTING CO., LTD.	<b>2020207867</b>	Apple Inc.
<b>2020207799</b>	GE & DA Kennedy Pty Ltd	<b>2020207869</b>	Howmedica Osteonics Corp.
<b>2020207802</b>	Stewart, T.	<b>2020207870</b>	Deere & Company
<b>2020207803</b>	Xencor, Inc.	<b>2020207871</b>	Angel Playing Cards Co., Ltd.
<b>2020207804</b>	The Scripps Research Institute	<b>2020207873</b>	Echosens
<b>2020207805</b>	Johnson & Johnson Consumer Inc.	<b>2020207874</b>	Alnylam Pharmaceuticals, Inc.
<b>2020207806</b>	The University of North Carolina at Chapel Hill	<b>2020207875</b>	Gregory-Dunsmuir, D.
<b>2020207807</b>	Chill Gaming Pty Ltd	<b>2020207876</b>	Hicor Technologies, Inc.
<b>2020207808</b>	Pangang Group Panzhihua Iron & Steel Research Institute Co., Ltd.	<b>2020207877</b>	B.BOX FOR KIDS DEVELOPMENTS PTY LTD
<b>2020207809</b>	Mallinckrodt Hospital Products IP Limited	<b>2020207878</b>	Georg Fischer WAGA NV
<b>2020207810</b>	Sage Therapeutics, Inc.	<b>2020207879</b>	ICM Co., Ltd.
<b>2020207811</b>	Medtronic Minimed, Inc.	<b>2020207880</b>	PTC Therapeutics, Inc.
<b>2020207812</b>	SELEGGT GmbH	<b>2020207881</b>	Aristocrat Technologies, Inc.
<b>2020207813</b>	Allergan Industrie, SAS	<b>2020207882</b>	Johnson & Johnson Consumer Inc.
<b>2020207814</b>	Cartiva, Inc.	<b>2020207883</b>	The FINCH Company Pty Limited
<b>2020207815</b>	Dignity Health; Arizona Board of Regents on behalf of Arizona State University	<b>2020207884</b>	Pajunk GmbH Medizintechnologie
<b>2020207816</b>	Carrier Corporation	<b>2020207885</b>	The Nielsen Company (US), LLC
<b>2020207817</b>	JELD-WEN, Inc.	<b>2020207886</b>	DRLOCK 24H PTY LTD
<b>2020207818</b>	Accenture Global Solutions Limited	<b>2020207887</b>	TNBT Holdings Pty Limited
<b>2020207819</b>	Envisia Therapeutics, Inc	<b>2020207888</b>	TNBT Holdings Pty Limited
<b>2020207820</b>	Ionis Pharmaceuticals, Inc.	<b>2020207889</b>	TNBT Holdings Pty Limited
<b>2020207821</b>	Qualcomm Incorporated	<b>2020207890</b>	Bradken Resources Pty Limited
<b>2020207822</b>	TuSimple, Inc.	<b>2020209370</b>	Evogene Ltd.
<b>2020207823</b>	BGC Partners, Inc.	<b>2020210131</b>	Société des Produits Nestlé S.A.
<b>2020207824</b>	Coherus Biosciences, Inc.	<b>2020210132</b>	Northrop Grumman Systems Corporation
<b>2020207825</b>	Bungan Industries Pty Ltd	<b>2020210133</b>	Covidien LP
<b>2020207826</b>	Illumina, Inc.	<b>2020210134</b>	Scholar Rock, Inc.
<b>2020207827</b>	Dali Systems Co. Ltd.	<b>2020210135</b>	Covidien LP
<b>2020207828</b>	X-CHEM, INC.	<b>2020210136</b>	Covidien LP
<b>2020207829</b>	Qualcomm Incorporated	<b>2020210137</b>	howey, m.; howey, m.; howey, m.
<b>2020207830</b>	S.P.C.M. SA	<b>2020210138</b>	Hyprotek, Inc.
<b>2020207831</b>	General Electric Company	<b>2020210139</b>	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.
<b>2020207832</b>	Conair Corporation	<b>2020210140</b>	Covidien LP
<b>2020207833</b>	Aglive International Pty Ltd	<b>2020210142</b>	Intervet International B.V.
<b>2020207834</b>	The Procter & Gamble Company	<b>2020210143</b>	Law on Earth IP Pty Ltd
		<b>2020210144</b>	Celgene Corporation
		<b>2020210145</b>	Pfizer Inc.

Complete Applications Filed - Numerical Index cont'd

2020210146 Bibo Barmaid LLC



**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jul 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) .B.M.S, R.; MIKKILI, D.; VALLABHUNI, R.R.; PITTALA, C.S.; VALLABHUNI, V.; BOBBILLAPATI, S.; H, B.N.P. (21) 2020101450 (22) 23.07.2020 (54) RETINAL VASCULAR DISEASE DETECTION FROM RETINAL FUNDUS IMAGES USING MACHINE LEARNING</p>	<p>(54) ONLINE MONITORING METHOD FOR STABILITY OF AERO COMPRESSOR SYSTEM UNDER DISTORTED INFLOW (31) 202010003731.7 (32) 03.01.20 (33) CN</p>	<p>(71) China Institute of Water Resources and Hydropower Research (21) 2020101492 (22) 24.07.2020 (54) METHOD FOR ACQUIRING SEISMIC DYNAMIC AMPLIFICATION EFFECT OF SLOPE UNDER OBLIQUE INCIDENCE EFFECT OF SEISMIC WAVE (31) 201910681027.4 (32) 26.07.19 (33) CN</p>
<p>Aditya Nag, M.V. see K, L. (21) 2020101429</p>	<p>(71) Bennet, S. (21) 2020101457 (22) 23.07.2020 (54) PAYLOAD DELIVERY SYSTEM</p>	<p>China the 2nd Water Transportation Bureau see Huazhong University of Science and Technology (21) 2020101453</p>
<p>(71) Affiliated Hospital of Qingdao University (21) 2020101443 (22) 22.07.2020 (54) Method for determining the cytotoxicity of conjugated chitosan nanoparticles against CD44 highly expressed tumors</p>	<p>(71) Bogdan, I. (21) 2020101499 (22) 25.07.2020 (54) A clear material splash guard attached to dental suction tubes to suppress air borne pathogens.</p>	<p>China the 3rd Construction Group LLC see Huazhong University of Science and Technology (21) 2020101453</p>
<p>(71) Anhui Polytechnic University (21) 2020101471 (22) 24.07.2020 (54) A Method for Recovering Carbon Fiber from Carbon Fiber Composite</p>	<p>(71) Bubba Blue Pty Ltd (21) 2020101458 (22) 23.07.2020 (54) Infant bed liner</p>	<p>(71) China University of Geosciences, Beijing (21) 2020101481 (22) 24.07.2020 (54) CALCULATION METHOD FOR MULTI-STAGE RIFT SUBSIDENCE PROCESS AND DEEP THERMAL EVOLUTION (31) 202010504403.5 (32) 05.06.20 (33) CN</p>
<p>(71) Anhui University of Technology (21) 2020101497 (22) 25.07.2020 (54) MOLYBDENUM-BASED ALLOY COATING AND SUBSTRATE HAVING THE ALLOY COATING (31) 201910701722. 2 (32) 31.07.19 (33) CN</p>	<p>C, K. see K G S, V. (21) 2020101444</p>	<p>(71) China University of Geosciences, Beijing (21) 2020101482 (22) 24.07.2020 (54) CALCULATION METHOD FOR QUANTITATIVELY ESTABLISHING SEA LEVEL CHANGE AND TRANS-GRESSION-REGRESSION CURVES (31) 202010504873.1 (32) 05.06.20 (33) CN</p>
<p>(71) Apple Inc. (21) 2020101440 (22) 22.07.2020 (54) Wireless power systems with charging status information (31) 62/884,391 (32) 08.08.19 (33) US 16/562,278 05.09.19 US 16/675,082 05.11.19 US</p>	<p>(71) Chang'an University (21) 2020101454 (22) 23.07.2020 (54) VR-Based Experience System for Virtual Assembly and Disassembly of Intelligent Alternative Fuel Vehicle and Method for Using Same (31) 201910797413.X (32) 27.08.19 (33) CN</p>	<p>(71) Church, S. (21) 2020101442 (22) 22.07.2020 (54) GPS &amp; Bluetooth Device Treasure Hunt / Scavenger hunt:It is a treasure hunt involving a GPS device or a Bluetooth tracking device where users are rewarded with loyalty points, business rewards, cryptocurrency, discounts, or vouchers for finding the device Hints for the location are displayed online users recover the reward for finding the device.</p>
<p>B, S. see S, K. (21) 2020101466</p>	<p>(71) Chen, G. (21) 2020101323 (22) 10.07.2020 (54) ENVIRONMENTALLY FRIENDLY COAL-ROCK SAMPLE PRECESSION LOADING DEVICE FOR A NUCLEAR MAGNETIC RESONANCE EXPERIMENT (31) 202021022365.1 (32) 06.06.20 (33) CN</p>	<p>(71) CIJ Engineered Pty Ltd (21) 2020101459 (22) 23.07.2020 (54) TELESCOPING BOOM WEAR PAD IMPROVEMENTS (62) 2015336926</p>
<p>B. N., Y. see S, K. (21) 2020101466</p>	<p>CHANDANA, B.H. see K G S, V. (21) 2020101444</p>	<p>(71) Coulter Ventures LLC (21) 2020101445 (22) 22.07.2020 (54) Weightlifting machine (62) 2019267678</p>
<p>BABU, R.G. see PARDHA SARADHI, P. (21) 2020101498</p>	<p>CHENG, F. see YANG, K. (21) 2020101475</p>	
<p>BABU, K.R. see PARDHA SARADHI, P. (21) 2020101498</p>	<p>China communications construction co., LTD. see Huazhong University of Science and Technology (21) 2020101453</p>	
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Innovation Patent Applications Filed - Name Index cont'd

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(54) Method for quickly selecting three-dimensional (3D) micro-scale cutting simulation of carbon fiber reinforced polymer  
(31) 201910655504.X (32) 19.07.19 (33) CN

(71) Designa Inc.  
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(54) A SIGNAL DRIVEN LIGHT-EMITTING E-SPORTS TABLE  
(31) 202010544195.1 (32) 15.06.20 (33) CN

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(21) 2020101423 (22) 20.07.2020  
(54) A LIGHT-EMITTING PANEL AND AN E-SPORTS TABLE COMPRISING THEREOF  
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(71) Designa Inc.  
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(54) AN E-SPORTS TABLE WITH A LIGHT-EMITTING PART  
(31) 202021103732.0 (32) 15.06.20 (33) CN

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(21) 2020101428

**DHAYAL, S.S. see PARDHA SARADHI, P.**  
(21) 2020101498

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(21) 2020101463 (22) 23.07.2020  
(54) Road Anchor

(71) Fuzhou University  
(21) 2020101486 (22) 24.07.2020  
(54) Gear nutation reducer and method

**G M, M. see K G S, V.**  
(21) 2020101444

(71) GUANGDONG BIOENGINEERING INSTITUTE GUANGZHOU SUGARCANE INDUSTRY RESEARCH INSTITUTE  
(21) 2020101495 (22) 24.07.2020

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(31) 202010524484.5 (32) 10.06.20 (33) CN

(71) Guizhou Institute of Prataculture  
(21) 2020101472 (22) 24.07.2020  
(54) A Method for Extracting Surface Feature Points from Aerial Photo Based on UAV Remote Sensing Technology

**H, B.N.P. see .B.M.S, R.**  
(21) 2020101450

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(21) 2020101453

(71) HAO, G.Q.  
(21) 2020101427 (22) 20.07.2020  
(54) Height Adjustable Table  
(31) 2019902573 (32) 21.07.19 (33) AU

(71) Harbin Institute of Technology (WeiHai)  
(21) 2020101421 (22) 20.07.2020  
(54) ELECTROCHEMISTRY-MASS SPECTROMETRY HYBRID DEVICE, AND USE METHOD THEREOF  
(62) PCT/CN2018/084172

(71) Hebei Research Institute of Construction & Geotechnical Investigation Co., Ltd.  
(21) 2020101426 (22) 20.07.2020  
(54) Anti-Deviation Rotary Drilling Tool for Karst Stratum and Drilling Method Thereof  
(31) 202010554207.9 (32) 17.06.20 (33) CN

(71) Heilongjiang Institute of Wood Science  
(21) 2020101438 (22) 22.07.2020  
(54) SPORT FLOOR FLATNESS DETECTION DEVICE, DETECTION SYSTEM AND DETECTION METHOD

**Huang, J. see Wren, D.**  
(21) 2020101461

**HUANG, H. see YANG, K.**  
(21) 2020101475

(71) Huazhong University of Science and Technology; China communications construction co., LTD.; China the 2nd Water Transportation Bureau; China the 3rd Construction Group LLC; Hanyang City Construction Group  
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(54) An Intelligent Optimization Method of Durable Concrete Mix Proportion Based on Data mining

(71) Industrias Ponsa, S.A.  
(21) 2020101417 (22) 20.07.2020  
(54) System For Fastening And/Or Lifting Objects  
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**Institute of Quality Standard and Testing Technology for Agro-Products of CAAS see Yellow Sea Fisheries Research Institute, Chinese Academy Of Fishery Sciences**  
(21) 2020101468

(71) Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences  
(21) 2020101467 (22) 24.07.2020  
(54) PREPARATION METHOD OF LITHIUM RUTHENICUM MURR SPRAY POWDER CAPSULE

**J, V. see V, M.**  
(21) 2020101428

**J, S. see S, K.**  
(21) 2020101466

**JAVEED, M. see V, B.**  
(21) 2020101451

(71) Jiangsu Xuhuai Area Huaiyin Agricultural Science Research Institute  
(21) 2020101473 (22) 24.07.2020  
(54) RICE CONDITIONER FOR PROMOTING RICE SEED GERMINATION AND PREPARATION METHOD AND USE THEREOF

(71) Jiangsu Xuhuai Area Huaiyin Agricultural Science Research Institute  
(21) 2020101500 (22) 25.07.2020  
(54) CONDITIONER FOR IMPROVING HIGH TEMPERATURE RESISTANCE OF MAIZE AND PREPARATION METHOD AND USE THEREOF

(71) Jiangxi Agricultural University  
(21) 2020101477 (22) 24.07.2020  
(54) A Water-retaining Agent of Oil-tea Camellia Dregs Biochar and Its Applications in Soil Improvements

(71) K, L.; Ph.D., MISTE., S.S.M.; P, R.; M, R.; M, P.; L, S.; N., P.; Aditya Nag, M.V.; P.N., P.; Siva Prasad, B.V.V.  
(21) 2020101429 (22) 21.07.2020  
(54) GUIDANCE ALGORITHM FOR UGV USING IOE SYSTEMS AND FOG COMPUTING

**KANDIKUNTA, L. see K G S, V.**  
(21) 2020101444

Innovation Patent Applications Filed - Name Index cont'd

<p>(71) K G S, V.; CHANDANA, B.H.; P, S.; C, K.; REDDY, P.K.; KUMARA, M.K.; G M, M.; RANI, R.S.; KANDIKUNTA, L.; TABITHA, C.H.R.</p> <p>(21) 2020101444 (22) 22.07.2020</p> <p>(54) A DISTRIBUTED ANTENNA BASED SYSTEM TO TRACK THE COVID PATIENTS AND MONITOR THEM CONTINUOUSLY</p>	<p>(21) 2020101429</p> <hr/> <p>M, P. see K, L.</p> <p>(21) 2020101429</p> <hr/> <p>M.B., J. see T, S.</p> <p>(21) 2020101430</p> <hr/> <p>(71) MADAM, P.R.K.K.</p> <p>(21) 2020101437 (22) 22.07.2020</p> <p>(54) REQUIREMENT OF VERNALIZATION TO INDUCE FLOWERING IN NON-ADDICTIVE STRAIN OF PAPAVER BRACTEATUM</p> <hr/> <p>(71) Mahil, A.M.M.</p> <p>(21) 2020101441 (22) 22.07.2020</p> <p>(54) CLOG RESISTANT PRINT HEAD METHOD FOR HIGH SPEED CEMENTIOUS MATERIAL 3D PRINTING</p> <hr/> <p>(71) Mayerle, D.</p> <p>(21) 2020101418 (22) 20.07.2020</p> <p>(54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM</p> <p>(62) 2019275558</p> <hr/> <p>(71) Mayerle, D.</p> <p>(21) 2020101419 (22) 20.07.2020</p> <p>(54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM</p> <p>(62) 2019275558</p> <hr/> <p>(71) Mayerle, D.</p> <p>(21) 2020101420 (22) 20.07.2020</p> <p>(54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM</p> <p>(62) 2019275558</p> <hr/> <p>McLaughlin, H. see Wren, D.</p> <p>(21) 2020101461</p> <hr/> <p>MIKKILI, D. see .B.M.S, R.</p> <p>(21) 2020101450</p> <hr/> <p>(71) Minetek Investments Pty Ltd</p> <p>(21) 2020101414 (22) 20.07.2020</p> <p>(54) Transportable Evaporation System and Method</p> <p>(62) 2018386724</p> <hr/> <p>N, K. see S, K.</p> <p>(21) 2020101466</p> <hr/> <p>N., P. see K, L.</p> <p>(21) 2020101429</p> <hr/> <p>M, R. see V, M.</p> <p>(21) 2020101428</p> <hr/> <p>M, R. see K, L.</p>	<p>(71) Nanjing Hydraulic Research Institute Under The Ministry Of Water Resources, The Ministry Of Transport And The Ministry Of Electric</p> <p>(21) 2020101439 (22) 22.07.2020</p> <p>(54) Real environment generator for testing concrete fracture performance</p> <hr/> <p>(71) Nanjing Jinma Intelligence Technology Co., Ltd</p> <p>(21) 2020101456 (22) 23.07.2020</p> <p>(54) ULTRASONIC VIBRATION UNIT FOR SEDIMENT REMOVAL IN SMALL-SCALE IRRIGATION CHANNEL FLOW MEASURING APPARATUS</p> <p>(31) 201922249845.5 (32) 16.12.19 (33) CN</p> <hr/> <p>(71) Nankai University</p> <p>(21) 2020101479 (22) 24.07.2020</p> <p>(54) A Multi-zone Contact Lens with the Function of Controlling the Progression of Myopia and Its Application Method</p> <hr/> <p>North China Electric Power University see State Grid Energy Research Institute Co., Ltd.</p> <p>(21) 2020101478</p> <hr/> <p>P, R. see K, L.</p> <p>(21) 2020101429</p> <hr/> <p>P, S. see K G S, V.</p> <p>(21) 2020101444</p> <hr/> <p>P.N., P. see K, L.</p> <p>(21) 2020101429</p> <hr/> <p>(71) PARDHA SARADHI, P.; YATHIRAJU, R.; DHAYAL, S.S.; BABU, R.G.; V, M.; BABU, K.R.</p> <p>(21) 2020101498 (22) 25.07.2020</p> <p>(54) A CENTRALIZED PARKING SPACE MANAGEMENT SYSTEM BY USING DISTRIBUTED ANTENNA TECHNIQUES</p> <hr/> <p>PAUL, A. see S, K.</p> <p>(21) 2020101466</p> <hr/> <p>PERIYASAMY, S. see V, B.</p> <p>(21) 2020101451</p> <hr/> <p>Ph.D., MISTE., S.S.M. see K, L.</p> <p>(21) 2020101429</p> <hr/> <p>P Hegde, N. see T, S.</p> <p>(21) 2020101430</p> <hr/> <p>PITTALA, C.S. see .B.M.S, R.</p> <p>(21) 2020101450</p>
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Innovation Patent Applications Filed - Name Index cont'd

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(71) Qian'an Weisheng Solid Waste Environmental Protection Industry Co., Ltd; University of Science and Technology Beijing  
(21) 2020101464 (22) 23.07.2020  
(54) A Method for Stage Grinding of Steel Slag-Industrial By-Product Gypsum Composite Powder

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(54) A Method for Removing Iron from Steel Slag in Real Time Circularly from Steel Slag

(71) Qilu University of Technology  
(21) 2020101489 (22) 24.07.2020  
(54) PREPARATION METHOD AND PRODUCT OF STRESS-SENSITIVE PAPER ANTI-COUNTERFEITING COATING

**R, J. see V, M.**  
(21) 2020101428

**R, N. see S, K.**  
(21) 2020101466

**R, M., B. see S, K.**  
(21) 2020101466

(71) Rain Harvesting Pty Ltd  
(21) 2020101488 (22) 24.07.2020  
(54) Downpipe diverter

**RANI, R.S. see K G S, V.**  
(21) 2020101444

**RATHORE, V.S. see S, K.**  
(21) 2020101466

**Reading, B. see Wren, D.**  
(21) 2020101461

**REDDY, P.K. see K G S, V.**  
(21) 2020101444

(71) Rogers, L.  
(21) 2020101449 (22) 22.07.2020  
(54) Improved Connector  
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(54) BLOCKCHAIN TECHNOLOGY BASED IOT CONSENSUS PROTOCOL FOR SMART HOME

(71) Sanders, B.  
(21) 2020101465 (22) 23.07.2020  
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(31) 2019903163 (32) 29.08.19 (33) AU

(71) Shandong Agricultural University  
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(54) Construction Method of Cast-In-Situ Green Concrete in Sports Field Such as Football Field  
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(71) Shenyang Institute of Atmospheric Environment, China Meteorological Administration  
(21) 2020101462 (22) 23.07.2020  
(54) METHOD AND DEVICE FOR PREDICTING AND EVALUATING REGIONAL ECO-QUALITY ANNUAL HARVEST

(71) Shepley, P.  
(21) 2020101485 (22) 24.07.2020  
(54) Excavator bucket and attachment modular mount bracket

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(21) 2020101429

**SONI, E. see V, B.**  
(21) 2020101451

(71) SOSA GONZÁLEZ, S.L.  
(21) 2020101432 (22) 21.07.2020  
(54) Autonomous painting robot  
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(71) Southwest University  
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(71) SouthWest University  
(21) 2020101434 (22) 21.07.2020

(54) A REFRACTIVE INDEX MANIPULATION METHOD FOR REALIZE MULTIPLE LOGIC OPERATIONS

(71) SouthWest University  
(21) 2020101435 (22) 21.07.2020  
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(21) 2020101436 (22) 21.07.2020  
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(71) State Grid Energy Research Institute Co., Ltd.; North China Electric Power University  
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(54) METHOD FOR ANALYZING FACTORS INFLUENCING ENERGY BUSINESS EVOLUTION BASED ON ISM  
(31) 202010615898.9 (32) 30.06.20 (33) CN

(71) Steinhardt Corporation Pty Ltd  
(21) 2020101416 (22) 20.07.2020  
(54) Sprinkler Elevation Device

(71) STRANGE, W.  
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(54) SYSTEM AND METHODS FOR ENHANCED THERMAL SYPHONING

(71) Suzhou Polytechnic Institute of Agriculture  
(21) 2020101493 (22) 24.07.2020  
(54) PLASMA PROCESSING APPARATUS FOR KEEPING FRESHNESS OF FRUITS AND VEGETABLES AND METHOD FOR USING THE SAME

(71) Syngen Biotech. Co., Ltd.  
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(31) 108126214 (32) 24.07.19 (33) TW

(71) T, S.; Y, J.; M.B., J.; P Hegde, N.; D, J, J.D.D.; K N, M.  
(21) 2020101430 (22) 21.07.2020  
(54) LOW DELAY COMMUNICATION BETWEEN CYBER PHYSICAL SYSTEMS OF IOT APPLICATIONS USING FOG NODES

**TABITHA, C.H.R. see K G S, V.**  
(21) 2020101444

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(71) Tianjin Research Institute for Water Transport Engineering, M.O.T.  
 (21) 2020101447 (22) 22.07.2020  
 (54) STOW NET RACK FOR OCEANIC DRIFT FISHER  
 (31) 2020208349261 (32) 19.05.20 (33) CN

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 (21) 2020101448 (22) 22.07.2020  
 (54) DRIFT NET CAPABLE OF QUANTITATIVELY CALCULATING FISHERY RESOURCES  
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 (21) 2020101464

(71) University of Science and Technology Beijing  
 (21) 2020101474 (22) 24.07.2020  
 (54) A Method for Preparing Nano # -Fe2O3 from Solid Waste Containing Iron under Solvent-free

University of Science and Technology Beijing see Qian'an Weisheng Solid Waste Environmental Protection Industry Co., Ltd  
 (21) 2020101491

(71) V, M.; U, A.; R, J.; M, R.; J, V.; KUMAR, A.; DHAYAL, S.S.  
 (21) 2020101428 (22) 20.07.2020  
 (54) A SMART AND EFFICIENT SANITIZER DISPENSER ALONG WITH ALARM AND UV SANITIZATION MECHANISM

V, R. see V, B.  
 (21) 2020101451

(71) V, B.; PERIYASAMY, S.; KUMAR, M.S.; KUMAR, M.N.; JAVEED, M.; V, R.; PUROHIT, A.; SONI, E.  
 (21) 2020101451 (22) 23.07.2020  
 (54) AN AUTOMATED THERMAL SCANNER WITH SPEECH RECORDER AND AN ALERT SYSTEM TO AVOID THE TOUCH THEREOF

V, M. see PARDHA SARADHI, P.  
 (21) 2020101498

VALLABHUNI, R.R. see .B.M.S, R.  
 (21) 2020101450

VALLABHUNI, V. see .B.M.S, R.  
 (21) 2020101450

(71) Wengfu Dazhou Chemical Co., Ltd.  
 (21) 2020101431 (22) 21.07.2020  
 (54) METHOD FOR CO-PRODUCING MONOAMMONIUM PHOSPHATE AND DIAMMONIUM PHOSPHATE BY PHOSPHORIC ACID AND ASSOCIATED SYSTEM  
 (31) 201911294763.0 (32) 16.12.19 (33) CN

(71) Wren, D.; Huang, J.; McLaughlin, H.; Reading, B.  
 (21) 2020101461 (22) 23.07.2020  
 (54) Coupling Mechanism for the Assembly of Hand Tool Sets

Y, J. see T, S.  
 (21) 2020101430

(71) YANG, K.; CHENG, F.; HUANG, H.; LU, Y.; ZHANG, Y.; ZHU, Y.  
 (21) 2020101475 (22) 24.07.2020  
 (54) A Financial Data Analysis Method Based on Machine Learning Models

YATHIRAJU, R. see PARDHA SARADHI, P.  
 (21) 2020101498

(71) Yellow Sea Fisheries Research Institute, Chinese Academy Of Fishery Sciences; Institute of Quality Standard and Testing Technology for Agro-Products of CAAS  
 (21) 2020101468 (22) 24.07.2020  
 (54) Method for Preparing Reference Material with Turbot Muscle as Matrix for AOZ Residue Analysis

ZHANG, Y. see YANG, K.  
 (21) 2020101475

(71) Zhejiang University  
 (21) 2020101370 (22) 15.07.2020  
 (54) Method of and device for preserving strawberry fruit  
 (31) CN201911393923.7(32) 30.12.19 (33) CN

(71) Zhejiang University  
 (21) 2020101470 (22) 24.07.2020  
 (54) Method of and device for preserving strawberry fruit  
 (31) CN201911393923.7(32) 30.12.19 (33) CN

ZHU, Y. see YANG, K.  
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Numerical Index

2020101323	Chen, G.	2020101456	Nanjing Jinma Intelligence Technology Co., Ltd
2020101370	Zhejiang University	2020101457	Bennet, S.
2020101414	Minetek Investments Pty Ltd	2020101458	Bubba Blue Pty Ltd
2020101415	Dalian University of Technology	2020101459	CIJ Engineered Pty Ltd
2020101416	Steinhardt Corporation Pty Ltd	2020101460	Shanghai Jiuding Greening Concrete Co., Ltd.
2020101417	Industrias Ponsa, S.A.	2020101461	Wren, D.; Huang, J.; McLaughlin, H.; Reading, B.
2020101418	Mayerle, D.	2020101462	Shenyang Institute of Atmospheric Environment, China Meteorological Administration
2020101419	Mayerle, D.	2020101463	Diablo Asset Holding Pty Ltd
2020101420	Mayerle, D.	2020101464	Qian'an Weisheng Solid Waste Environmental Protection Industry Co., Ltd; University of Science and Technology Beijing
2020101421	Harbin Institute of Technology (WeiHai)	2020101465	Sanders, B.
2020101422	Designa Inc.	2020101466	S, K.; R, N.; N, K.; PAUL, A.; J, S.; RATHORE, V.S.; B, N., Y.; B, S.; R, M., B.
2020101423	Designa Inc.	2020101467	Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences
2020101424	Designa Inc.	2020101468	Yellow Sea Fisheries Research Institute, Chinese Academy Of Fishery Sciences; Institute of Quality Standard and Testing Technology for Agro-Products of CAAS
2020101425	Designa Inc.	2020101470	Zhejiang University
2020101426	Hebei Research Institute of Construction & Geotechnical Investigation Co., Ltd.	2020101471	Anhui Polytechnic University
2020101427	HAO, G.Q.	2020101472	Guizhou Institute of Prataculture
2020101428	V, M.; U, A.; R, J.; M, R.; J, V.; KUMAR, A.; DHAYAL, S.S.	2020101473	Jiangsu Xuhuai Area Huaiyin Agricultural Science Research Institute
2020101429	K, L.; Ph.D., MISTE., S.S.M.; P, R.; M, R.; M, P.; L, S.; N., P.; Aditya Nag, M.V.; P.N., P.; Siva Prasad, B.V.V.	2020101474	University of Science and Technology Beijing
2020101430	T, S.; Y, J.; M.B., J.; P Hegde, N.; D, J, J.D.D.; K N, M.	2020101475	YANG, K.; CHENG, F.; HUANG, H.; LU, Y.; ZHANG, Y.; ZHU, Y.
2020101431	Wengfu Dazhou Chemical Co., Ltd.	2020101476	Linyi University
2020101432	SOSA GONZÁLEZ, S.L.	2020101477	Jiangxi Agricultural University
2020101433	Southwest University	2020101478	State Grid Energy Research Institute Co., Ltd.; North China Electric Power University
2020101434	SouthWest University	2020101479	Nankai University
2020101435	SouthWest University	2020101481	China University of Geosciences, Beijing
2020101436	SouthWest University	2020101482	China University of Geosciences, Beijing
2020101437	MADAM, P.R.K.K.	2020101483	Shandong Agricultural University
2020101438	Heilongjiang Institute of Wood Science	2020101485	Shepley, P.
2020101439	Nanjing Hydraulic Research Institute Under The Ministry Of Water Resources, The Ministry Of Transport And The Ministry Of Electric	2020101486	Fuzhou University
2020101440	Apple Inc.	2020101487	STRANGE, W.
2020101441	Mahil, A.M.M.	2020101488	Rain Harvesting Pty Ltd
2020101442	Church, S.	2020101489	Qilu University of Technology
2020101443	Affiliated Hospital of Qingdao University	2020101490	Syngen Biotech. Co., Ltd.
2020101444	K G S, V.; CHANDANA, B.H.; P, S.; C, K.; REDDY, P.K.; KUMARA, M.K.; G M, M.; RANI, R.S.; KANDIKUNTA, L.; TABITHA, C.H.R.	2020101491	Qian'an Weisheng Solid Waste Environmental Protection Industry Co., Ltd; University of Science and Technology Beijing
2020101445	Coulter Ventures LLC	2020101492	China Institute of Water Resources and Hydropower Research
2020101446	Tianjin Research Institute for Water Transport Engineering, M.O.T.	2020101493	Suzhou Polytechnic Institute of Agriculture
2020101447	Tianjin Research Institute for Water Transport Engineering, M.O.T.	2020101494	Liu, M.
2020101448	Tianjin Research Institute for Water Transport Engineering, M.O.T.	2020101495	GUANGDONG BIOENGINEERING INSTITUTE GUANGZHOU SUGARCANE INDUSTRY RESEARCH INSTITUTE
2020101449	Rogers, L.	2020101496	LI, R.
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2020101451	V, B.; PERIYASAMY, S.; KUMAR, M.S.; KUMAR, M.N.; JAVEED, M.; V, R.; PUROHIT, A.; SONI, E.	2020101498	PARDHA SARADHI, P.; YATHIRAJU, R.; DHAYAL, S.S.; BABU, R.G.; V, M.; BABU, K.R.
2020101452	LIXIN County YURUO Information Technology Co., Ltd	2020101499	Bogdan, I.
2020101453	Huazhong University of Science and Technology; China communications construction co., LTD.; China the 2nd Water Transportation Bureau; China the 3rd Construction Group LLC; Hanyang City Construction Group	2020101500	Jiangsu Xuhuai Area Huaiyin Agricultural Science Research Institute
2020101454	Chang'an University		
2020101455	Beihang University		

2020100874 MacDonald, C. The filing date has been amended to 15.07.2020

Applications with amended filing dates Reg 3.5(A).

**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

2000064351 ( 14 )    2000064352 ( 14 )    2000068241 ( 14 )  
2000261898 ( 14 )    2000263456 ( 14 )

**2001**

2001023864 ( 14 )    2001025137 ( 14 )    2001026339 ( 14 )  
2001026379 ( 14 )    2001026581 ( 14 )

**2002**

2002010074 ( 14 )    2002010136 ( 14 )    2002010160 ( 14 )  
2002010162 ( 14 )    2002217323 ( 14 )    2002219348 ( 14 )  
2002237780 ( 14 )    2002239827 ( 14 )    2002314706 ( 14 )

**2003**

2003200093 ( 14 )    2003201165 ( 14 )    2003201222 ( 14 )  
2003201654 ( 14 )    2003202162 ( 14 )    2003202290 ( 14 )  
2003214813 ( 14 )    2003216788 ( 14 )    2003217183 ( 14 )

**2004**

2004200103 ( 14 )    2004201969 ( 14 )    2004203948 ( 14 )  
2004205070 ( 14 )    2004229073 ( 14 )

**2005**

2005200254 ( 14 )    2005203919 ( 14 )    2005204539 ( 14 )  
2005205232 ( 14 )    2005206875 ( 14 )    2005209457 ( 14 )  
2005210530 ( 14 )    2005211453 ( 14 )    2005211548 ( 14 )  
2005216851 ( 14 )    2005217103 ( 14 )    2005273023 ( 14 )

**2006**

2006200096 ( 14 )    2006200111 ( 14 )    2006200121 ( 14 )  
2006200154 ( 14 )    2006204759 ( 14 )    2006204881 ( 14 )  
2006204907 ( 14 )    2006205712 ( 14 )    2006206774 ( 14 )  
2006207348 ( 14 )    2006207353 ( 14 )    2006335443 ( 14 )

**2007**

2007200098 ( 14 )    2007200138 ( 14 )    2007200142 ( 14 )  
2007201302 ( 14 )    2007202082 ( 14 )    2007204176 ( 14 )  
2007204757 ( 14 )    2007204857 ( 14 )    2007205323 ( 14 )  
2007207764 ( 14 )    2007208452 ( 14 )    2007208454 ( 14 )  
2007211646 ( 14 )

**2008**

2008200064 ( 14 )    2008200110 ( 14 )    2008202582 ( 14 )  
2008204548 ( 14 )    2008204680 ( 14 )    2008204909 ( 14 )  
2008206836 ( 14 )    2008210192 ( 14 )    2008213424 ( 14 )  
2008338913 ( 14 )

**2009**

2009200560 ( 14 )    2009200964 ( 14 )    2009203239 ( 14 )  
2009203283 ( 14 )    2009203369 ( 14 )    2009203819 ( 14 )  
2009203966 ( 14 )    2009204137 ( 14 )    2009204464 ( 14 )  
2009204963 ( 14 )    2009204965 ( 14 )    2009207467 ( 14 )  
2009208481 ( 14 )    2009213240 ( 14 )

**2010**

2010200082 ( 14 )    2010200099 ( 14 )    2010200109 ( 14 )  
2010200133 ( 14 )    2010203477 ( 14 )    2010204102 ( 14 )  
2010204103 ( 14 )    2010204156 ( 14 )    2010204223 ( 14 )  
2010205249 ( 14 )    2010205260 ( 14 )    2010205447 ( 14 )  
2010205500 ( 14 )    2010205543 ( 14 )    2010205739 ( 14 )  
2010206249 ( 14 )    2010212508 ( 14 )    2010217310 ( 14 )  
2010218424 ( 14 )    2010227757 ( 14 )    2010271105 ( 14 )  
2010341424 ( 14 )

**2011**

2011200122 ( 14 )    2011200131 ( 14 )    2011200138 ( 14 )  
2011204267 ( 14 )    2011205270 ( 14 )    2011205762 ( 14 )  
2011206448 ( 14 )    2011206595 ( 14 )    2011206908 ( 14 )  
2011207724 ( 14 )    2011208204 ( 14 )

**2012**

2012101055 ( 22 )    2012101058 ( 22 )    2012101068 ( 22 )  
2012101071 ( 22 )    2012101168 ( 22 )    2012101972 ( 22 )  
2012205501 ( 14 )    2012205619 ( 14 )    2012205798 ( 14 )

**1995**  
1995025051 ( 14 )    1995027138 ( 14 )

**1998**  
1998085548 ( 14 )

**2000**  
2000048645 ( 14 )    2000048687 ( 14 )    2000048695 ( 14 )  
2000048699 ( 14 )    2000048711 ( 14 )    2000048740 ( 14 )  
2000048749 ( 14 )    2000048758 ( 14 )    2000048759 ( 14 )  
2000048760 ( 14 )    2000058384 ( 14 )    2000058432 ( 14 )  
2000059536 ( 14 )    2000059864 ( 14 )    2000059981 ( 14 )  
2000060126 ( 14 )    2000060193 ( 14 )    2000060247 ( 14 )  
2000061061 ( 14 )    2000061112 ( 14 )    2000061142 ( 14 )  
2000061161 ( 14 )    2000061432 ( 14 )    2000062178 ( 14 )  
2000062183 ( 14 )    2000062184 ( 14 )    2000062198 ( 14 )  
2000062225 ( 14 )    2000062251 ( 14 )    2000062301 ( 14 )  
2000062322 ( 14 )    2000062325 ( 14 )    2000062564 ( 14 )  
2000062976 ( 14 )    2000063116 ( 14 )    2000063519 ( 14 )  
2000063607 ( 14 )    2000063641 ( 14 )    2000064348 ( 14 )

2012205887 ( 14 ) 2012205931 ( 14 ) 2012206336 ( 14 )  
 2012206947 ( 14 ) 2012210013 ( 14 ) 2012210741 ( 14 )  
 2012213265 ( 14 ) 2012215167 ( 14 ) 2012221027 ( 14 )  
 2012364954 ( 14 )

**2013**

2013100021 ( 22E ) 2013200102 ( 14 ) 2013200134 ( 14 )  
 2013200157 ( 14 ) 2013201452 ( 14 ) 2013204550 ( 14 )  
 2013205127 ( 14 ) 2013207275 ( 14 ) 2013207350 ( 14 )  
 2013207797 ( 14 ) 2013208029 ( 14 ) 2013208049 ( 14 )  
 2013208187 ( 14 ) 2013208770 ( 14 ) 2013208988 ( 14 )  
 2013212696 ( 14 ) 2013217474 ( 14 ) 2013217475 ( 14 )  
 2013217476 ( 14 ) 2013217719 ( 14 ) 2013217721 ( 14 )  
 2013218287 ( 14 ) 2013230787 ( 14 )

**2014**

2014100027 ( 22 ) 2014100028 ( 22E ) 2014100370 ( 22 )  
 2014101416 ( 21F ) 2014200192 ( 14 ) 2014203336 ( 14 )  
 2014204673 ( 14 ) 2014205157 ( 14 ) 2014205276 ( 14 )  
 2014205315 ( 14 ) 2014205387 ( 14 ) 2014206092 ( 14 )  
 2014207064 ( 14 ) 2014208946 ( 14 ) 2014208947 ( 14 )  
 2014209778 ( 14 ) 2014209781 ( 14 ) 2014210986 ( 5C )  
 2014211002 ( 14 ) 2014226792 ( 14 ) 2014283191 ( 5C )  
 2014288147 ( 25D ) 2014338867 ( 5C ) 2014376328 ( 5C )  
 2014376367 ( 14 ) 2014376378 ( 14 ) 2014376385 ( 14 )  
 2014376406 ( 14 ) 2014376902 ( 4C )

**2015**

2015100019 ( 22E ) 2015100028 ( 22E ) 2015100032 ( 22E )  
 2015200054 ( 4C ) 2015200075 ( 4C ) 2015200093 ( 14 )  
 2015200110 ( 14 ) 2015202054 ( 14 ) 2015204451 ( 4C )  
 2015204452 ( 4C ) 2015204548 ( 4D ) 2015204559 ( 14 )  
 2015204580 ( 14 ) 2015204691 ( 4C ) 2015204742 ( 14 )  
 2015204778 ( 14 ) 2015204800 ( 14 ) 2015205620 ( 4C )  
 2015205621 ( 4C ) 2015205624 ( 4C ) 2015210429 ( 14 )  
 2015213481 ( 5C ) 2015230714 ( 14 ) 2015243011 ( 5C )  
 2015301904 ( 5C ) 2015311598 ( 5C ) 2015314969 ( 5C )  
 2015316719 ( 5C ) 2015317824 ( 5C ) 2015326037 ( 5C )  
 2015329658 ( 5C ) 2015343173 ( 5C ) 2015371289 ( 5C )  
 2015375492 ( 14 ) 2015409271 ( 25D )

**2016**

2016100027 ( 22E ) 2016102086 ( 22 ) 2016200090 ( 14 )  
 2016200111 ( 14 ) 2016200131 ( 4C ) 2016200134 ( 4A )  
 2016200143 ( 14 ) 2016200147 ( 14 ) 2016200183 ( 4C )  
 2016203005 ( 14 ) 2016205090 ( 4C ) 2016205282 ( 4C )  
 2016205994 ( 4B ) 2016206711 ( 4C ) 2016206784 ( 4C )  
 2016206833 ( 4C ) 2016206998 ( 4D ) 2016207002 ( 14 )  
 2016207010 ( 4C ) 2016207058 ( 4C ) 2016208737 ( 14 )  
 2016210612 ( 1B ) 2016212348 ( 25D ) 2016213734 ( 1B )  
 2016214157 ( 14 ) 2016215769 ( 4C ) 2016218424 ( 4C )  
 2016218932 ( 14 ) 2016219194 ( 5C ) 2016241385 ( 4C )  
 2016243521 ( 5C ) 2016247047 ( 1B ) 2016247102 ( 1B )  
 2016250424 ( 14 ) 2016262780 ( 12D ) 2016269539 ( 14 )  
 2016301183 ( 1B ) 2016301231 ( 1B ) 2016301365 ( 1B )  
 2016301963 ( 1B ) 2016301970 ( 1B ) 2016302057 ( 1B )  
 2016302344 ( 1B ) 2016303033 ( 1B ) 2016303048 ( 1B )  
 2016304588 ( 1B ) 2016304671 ( 1B ) 2016304779 ( 1B )  
 2016304797 ( 1B ) 2016305260 ( 1B ) 2016305550 ( 1B )  
 2016305927 ( 1B ) 2016306045 ( 1B ) 2016307053 ( 1B )  
 2016307065 ( 1B ) 2016307370 ( 1B ) 2016307448 ( 1B )  
 2016348150 ( 5C ) 2016349390 ( 1B ) 2016354143 ( 1B )  
 2016354686 ( 1B ) 2016385967 ( 14 ) 2016388068 ( 5C )  
 2016410752 ( 5C ) 2016429776 ( 25D )

**2017**

2017100029 ( 22G ) 2017100031 ( 22E ) 2017100036 ( 22E )  
 2017100042 ( 22E ) 2017201226 ( 14 ) 2017204775 ( 14 )  
 2017234264 ( 5C ) 2017239600 ( 5C ) 2017254941 ( 4C )  
 2017260274 ( 1B ) 2017261287 ( 1B ) 2017264944 ( 5C )  
 2017269151 ( 1B ) 2017270351 ( 1B ) 2017271208 ( 1B )  
 2017272058 ( 1B ) 2017274307 ( 5C ) 2017275408 ( 1B )

2017277703 ( 5C ) 2017290371 ( 5C ) 2017298019 ( 5C )  
 2017305499 ( 12C ) 2017315350 ( 5C ) 2017339465 ( 5C )  
 2017339826 ( 5C ) 2017344022 ( 5C ) 2017346661 ( 25D )  
 2017377443 ( 5C ) 2017395124 ( 5C )

**2018**

2018100012 ( 22E ) 2018100015 ( 22E ) 2018100017 ( 22E )  
 2018100018 ( 22E ) 2018100031 ( 22E ) 2018100040 ( 22E )  
 2018100049 ( 22E ) 2018100053 ( 22E ) 2018100058 ( 22E )  
 2018100059 ( 22E ) 2018100060 ( 22E ) 2018100061 ( 22E )  
 2018102144 ( 22E ) 2018200041 ( 4C ) 2018200438 ( 14 )  
 2018200749 ( 5C ) 2018202223 ( 5C ) 2018203436 ( 5C )  
 2018203486 ( 5C ) 2018203580 ( 5C ) 2018203640 ( 5C )  
 2018203894 ( 5C ) 2018204047 ( 4C ) 2018204248 ( 5C )  
 2018204650 ( 5C ) 2018204876 ( 5C ) 2018205158 ( 5C )  
 2018208738 ( 5C ) 2018208775 ( 5C ) 2018211315 ( 4C )  
 2018213963 ( 5C ) 2018217258 ( 4C ) 2018220093 ( 4C )  
 2018236886 ( 5C ) 2018241207 ( 5C ) 2018247301 ( 25D )  
 2018250373 ( 4C ) 2018250433 ( 5C ) 2018256520 ( 5C )  
 2018264073 ( 5C ) 2018264131 ( 5C ) 2018278997 ( 4C )  
 2018279073 ( 12C ) 2018348074 ( 12C ) 2018351132 ( 12C )  
 2018352463 ( 1B ) 2018362347 ( 12C ) 2018374207 ( 12A )

**2019**

2019101333 ( 21F ) 2019101381 ( 21F ) 2019200777 ( 5C )  
 2019200860 ( 5C ) 2019204679 ( 5C ) 2019261734 ( 4B )  
 2019902957 ( 12AN ) 2019903384 ( 12AN )

**2020**

2020101370 ( 12AN ) 2020101372 ( 12AN ) 2020202848 ( 1B )  
 2020202896 ( 1B ) 2020202929 ( 1B ) 2020202934 ( 1B )  
 2020203124 ( 7AN )

**Complete Specifications Treated as Provisional Specifications, Section 37**

**2019**

2019257463 **Goldsworthy, R.** Provisional Number: 2019904980

**2020**

2020200049 **Goldsworthy, R.** Provisional Number: 2020902578

**Assignments before Grant, Section 113**

**2015**

2015265884 **IDT Biologika GmbH** The application has been assigned to **Ceva Santé Animale S.A.**

**2016**

2016290736 **AMVAC C.V.** The application has been assigned to **AM-VAC Hong Kong Limited**

**2017**

2017229154 **Moog BV** The application has been assigned to **Nissin Dental Products Inc**

2017230317 **Moog BV** The application has been assigned to **Nissin Dental Products Inc**

2017231703 **Moog BV** The application has been assigned to **Nissin Dental Products Inc**



**Assignments before Grant, Section 113**

2017251818 Liqwd, Inc. The application has been assigned to **Olaplex, Inc.**

2017278258 AMVAC C.V. The application has been assigned to **AM-VAC Hong Kong Limited**

2017296383 AMVAC C.V. The application has been assigned to **AM-VAC Hong Kong Limited**

2017331514 University Court Of The University Of St. Andrews The application has been assigned to **Omeideon Ltd**

2017339108 Verburg Holding B.V. The application has been assigned to **BFA Verburg B.V.**

2017346502 Kitty Hawk Corporation The application has been assigned to **Wisk Aero LLC**

2017346503 Kitty Hawk Corporation The application has been assigned to **Wisk Aero LLC**

**2018**

2018203192 SUVLA PROPERTIES PTY LTD; SCAFCLAD PTY LTD The application has been assigned to **Scafclad Pty Ltd; DRE Sitemax Pty Ltd; JD Sitemax Pty Ltd; ML Sitemax Pty Ltd**

2018203989 SCAFCLAD PTY LTD; SUVLA PROPERTIES PTY LTD The application has been assigned to **Scafclad Pty Ltd; DRE Sitemax Pty Ltd; JD Sitemax Pty Ltd; ML Sitemax Pty Ltd**

2018250919 Cytena GmbH The application has been assigned to **cytena Bioprocess Solutions co., Ltd.**

2018250920 Cytena GmbH The application has been assigned to **cytena Bioprocess Solutions co., Ltd.**

2018286127 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2018311884 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2018311926 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2018323554 THOMAS, Scott The application has been assigned to **Quiet Lock Corporation**

2018402719 Flex Ltd. The application has been assigned to **The Solaria Corporation**

2018403240 Flex Ltd. The application has been assigned to **The Solaria Corporation**

2018903582 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

**Assignments before Grant, Section 113**

**2019**

2019202214 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Weihai Yaochi Crafts Co., Ltd.**

2019202371 Ningbo Jiatai Eyewear Co., Ltd. The application has been assigned to **Weifang Chuanxi Commodity Co., Ltd.**

2019204324 Phillert Trust The application has been assigned to **ROC WATER TECHNOLOGIES (PTY) LTD**

2019226217 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

2019226264 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

2019283966 Liqwd, Inc. The application has been assigned to **Olaplex, Inc.**

2019901507 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

2019901517 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

2019901530 Willow Technology Corporation Pty Ltd The application has been assigned to **Willow IP Pty Ltd**

2019902613 Bungan International Pty Limited The application has been assigned to **Bungan Industries Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

**2007**

2007275580 **Genera Istrazivanja d.o.o.** An application to extend the time from 23 Jul 2019 to 23 Jul 2020 in which to pay a renewal fee has been filed . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2008**

2008338251 **Conplant Pty Limited** An application to extend the time from 17 Dec 2019 to 17 Jul 2020 in which to pay the renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

**2010**

2010315655 **Ethicon, LLC** An application to extend the time from 21 Oct 2019 to 21 May 2020 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

**2012**

2012328876 **Sprague, G.; C.R. Laurence Company Inc.** An application to extend the time from 24 Oct 2019 to 24 May 2020 in which to pay the renewal

**Extensions of Time, Section 223**

fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2013**

2013206494 **Conplant Pty Limited** An application to extend the time from 17 Dec 2019 to 17 Jul 2020 in which to pay the renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

**2015**

2015250132 **Questa Corporation** An application to extend the time from 15 Apr 2019 to 15 Dec 2020 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2015390108 **Kop-Coat, Inc.** An application to extend the time from 06 Oct 2019 to 06 Nov 2020 in which to gain acceptance and pay the continuation fee . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2019**

2019201414 **Environmental Management Confederation, Inc.** An application to extend the time from 19 Nov 2019 to 19 Jun 2020 in which to pay the continuation fee has been filed . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

**2020**

2020204437 **Antenna World Inc.** An application to extend the time from 13 Mar 2020 to 13 Jul 2020 in which to claim the convention priority date has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

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

**2007**

2007201302 **Precast Civil Industries Pty Ltd** The time in which to pay a renewal fee has been extended to 27 Apr 2020 . Address for service - PRECAST CIVIL INDUSTRIES PTY LTD 6 Ron Parkenson Cres Bells Creek QLD 4551 AU

**2009**

2009272395 **Lux Assure Limited** The in which to pay a renewal fee has been extended to 20 Apr 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2011**

2011324137 **AFT Pharmaceuticals Limited** The time in which to request an Extension of Term - Pharmaceutical has been extended to 22 Feb 2020 . Address for service - AJ Pietras IP Limited AJ Pietras & Co Care of Collison & Co 117 King William Street (GPO Box 2556) Adelaide SA 5000 AU

**2013**

2013100547 **Advanced Technical Laminates Manufacturing SDN.BHD.** The time in which to pay the renewal fee has been extended to 19 Nov 2019 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**Extensions of Time, Section 223**

**2014**

2014234961 **Vardy, T.** The time in which to gain acceptance has been extended to 01 Oct 2020 . Address for service - Gagens Lawyers Brisbane GPO Box 129 Brisbane QLD 4001 AU

2014252706 **Digital (ID) Entity Limited** The time in which to pay the acceptance fee has been extended to 26 Jul 2020 . Address for service - Digital (ID)entity Limited C/- James Rober Storr PO Box 517 Gordon NSW 2072 AU

**2015**

2015234301 **Bourke, M.** The time in which to gain acceptance has been extended to 21 Nov 2020 . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

2015255913 **View, Inc.** The time in which to gain acceptance has been extended to 01 Oct 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015339926 **Shape Technologies Group, Inc.** The time in which to pay the renewal fee has been extended to 17 Apr 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2016**

2016217596 **Cremona, C.; Habib, N.** The time in which to gain acceptance has been extended to 29 Oct 2020 . Address for service - In-Legal Limited PO Box 8026 The Terrace Wellington 6143 NZ

2016294343 **View, Inc.** The time in which to request examination has been extended to 21 Sep 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016297876 **Tav Holdings, Inc.** The time in which to request examination has been extended to 29 Jul 2020 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2016324166 **Omicia, Inc.; University of Utah** The time in which to request examination has been extended to 04 Nov 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016334038 **View, Inc.** The time in which to gain acceptance has been extended to 31 Aug 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

**2017**

2017270485 **Universidad del País Vasco; Administración General de la Comunidad Autónoma de Euskadi** The time in which to request examination has been extended to 19 Aug 2020 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2017356617 **Rheinmetall Waffe Munition GmbH** The time in which to gain acceptance has been extended to 26 Oct 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2018**

2018201341 **View, Inc.** The time in which to pay the acceptance fee has been extended to 30 Sep 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

**Extensions of Time, Section 223**

2018203436 **View, Inc.** The time in which to gain acceptance has been extended to 10 Oct 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018204629 **Amazon Technologies, Inc.** The time in which to gain acceptance has been extended to 23 Nov 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018206689 **Afiniti Europe Technologies Limited** The time in which to gain acceptance has been extended to 01 Nov 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2018355506 **DSI GETRÄNKEARMATUREN GMBH** The time in which to enter the national phase has been extended to 27 Jul 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019100676 **Kwok-Wong, C.** The time in which to gain acceptance has been extended to 28 Oct 2020 . Address for service - Christine Chun-Ling Kwok-Wong P.O. BOX 4020 NSW Homebush NSW 2140 AU

2019903992 **Blackhart, E.** The time in which to associate with a complete application has been extended to 23 Jan 2021 . Address for service - Elysia Blackhart P.O. Box 231 Melton VIC 3337 AU

**2020**

2020202011 **View, Inc.** The time in which to request examination has been extended to 14 Sep 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020202135 **View, Inc.** The time in which to request examination has been extended to 14 Sep 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020202768 **Brett, J.** The time in which to comply with a direction under Reg 3.2A has been extended to 01 Aug 2020 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 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.

**2008**

2008314505 Novel sulfated oligosaccharide derivatives **Progen PG500 Series Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2011**

2011333861 Oligosaccharide mixture and food product comprising this mixture, especially infant formula **Société des Produits Nestlé S.A.** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2020 .

**Amendments**

Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2015**

2015209481 Plasma kallikrein binding proteins and uses thereof in treating hereditary angioedema **Dyax Corp.** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015229103 Antibody molecules to LAG-3 and uses thereof **Immutep S.A.S ; Novartis AG** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015310487 Mobile handheld antenna for reading tags **Haldor Advanced Technologies Ltd** The nature of the amendment is: Amend the name of the inventor to read Dor, Guy; Zeeli, Dan and Kadoshi-Tamari, Ilan . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2015316472 N-(hetero)aryl-substituted heterocyclic derivatives useful for the treatment of diseases or conditions related to the central nervous system **Chronos Therapeutics Limited** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015358532 Quaternary amine compounds and antibody-drug conjugates thereof **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2016**

2016427834 Simulating materials using quantum computation **Google LLC** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2020 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2017**

2017234380 A steel cap for an electricity transmission tower **Piling and Concreting Australia (PCA) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Herse, Allan John and Bollman, Robert Michael . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017235611 Antiviral immunotherapy by membrane receptor ligation **Eberhard Karls Universitaet Tuebingen Medizinische Fakultät** The nature of the amendment is: Amend the name of the inventor to read Schindler, Michael; Codrea, Marius; Nahnsen, Sven; Koppensteiner, Herwig; Jung, Gundram and Hofmann, Martin . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017301292 Microbubble generator, microbubble generating method, suction device, and suction system **Tech Corporation Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2020 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2017313044 Anti-harvestable security feature **Visual Physics, LLC** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017326703 High voltage connectors and electrodes for pulse generators **Pulse Biosciences, Inc.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 21 Jul 2020 . Address for service - Clark Intellectual Property Pty Ltd Suite 102, 6-8 Clarke Street Crows Nest NSW 2065 AU

**2018**

2018201916 METHODS AND APPARATUS FOR SYNTHESIZING IMAGING AGENTS, AND INTERMEDIATES THEREOF **Lantheus Medical Imaging, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018232952 NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018253476 Plasma kallikrein binding proteins **Dyax Corp.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019101494 A digitized illumination control method and control circuit system thereof **Tjandra, S.** The nature of the amendment is: Amend the priority details to read CN201910224690.1 23 Mar 2019 CN . Address for service - Foshan Lumos Lighting Co., Ltd 2/24 Ralph Black Drive North Wollongong NSW 2500 AU

2019213396 High density aqueous well fluids **Albemarle Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**Amendments Made**

**2014**

2014262221 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 24 Mar 2020

2014349010 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statement filed 22 Apr 2020

**2015**

2015297290 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 May 2020

2015339146 **Chevron U.S.A. Inc.** The nature of the amendment is as shown in the statement filed 27 Apr 2020

2015348037 **Saint-Gobain Placo SAS** The nature of the amendment is as shown in the statement filed 20 Apr 2020

**2016**

2016206573 **Hybernia Medical LLC** The nature of the amendment is: Amend the name of the inventor to read Pile-Spellman, John and Choi, Jae H.

2016260796 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Method and apparatus for manufacturing a profile element

**Amendments**

2016290654 **Mimetogen Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 May 2020

**2017**

2017214572 **The Johns Hopkins University** The nature of the amendment is: Amend the name of the inventor to read Liu, Jun; He, Qingli; Pomper, Martin G.; Minn, Il; Yu, Biao and Wang, Qiaoling

2017228650 **Francotyp-Postalia GmbH** The nature of the amendment is: Amend the priority details to read 10 2017 006 270.6 01 Jul 2017 DE and 20 2016 106 125.3 01 Nov 2016 DE

2017229773 **FLO TECHNOLOGIES, INC.** The nature of the amendment is as shown in the statement filed 28 Apr 2020

2017301410 **AiViva BioPharma, Inc.** The nature of the amendment is as shown in the statement filed 23 Apr 2020

2017323432 **Italfarmaco S.p.A.** The nature of the amendment is: Amend the name of the inventor to read LAHM, Armin; STEINKÜHLER, Christian and FILOCAMO, Gessica

2017328905 **Mexichem Fluor S.A. de C.V.** The nature of the amendment is as shown in the statement filed 29 Apr 2020

2017353067 **China Railway Engineering Equipment Group Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2017101886

2017361061 **Magic Leap, Inc.** The nature of the amendment is: Amend the name of the inventor to read Malisiewicz, Tomasz Jan; Rabinovich, Andrew; Badrinarayanan, Vijay and Dwibedi, Debidatta

2017410432 **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to read CHEN, Yanlong; JU, Feng; LI, Kaiyuan; ZHANG, Yazhen; ZHOU, Cheng; CUI, Huidong and LI, Qiang

**2018**

2018203043 **RAYGEN RESOURCES PTY LTD** The nature of the amendment is as shown in the statement filed 23 Apr 2020

2018236433 **Magic Leap, Inc.** The nature of the amendment is: Amend the name of the inventor to read Lee, Chen-Yu; Badrinarayanan, Vijay; Malisiewicz, Tomasz Jan and Rabinovich, Andrew

2018301710 **EControls LLC** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2020

2018343290 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read AIR CONDITIONING INDOOR UNIT

2018348195 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read XIN, Yurong; GROMADA, Jesper; CHENG, Xiping; DEWEY, Frederick; TESLOVICH DOSTAL, Tanya; SCHURMANN, Claudia and BARAS, Aris

2018381397 **Sakata Seed Corporation** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING LACTUCA PLANT SEED USING A MEGACHILE BEE

**Amendments**

2018387126 **Designworks Defence Systems Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2020

2018397910 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2020

2018401320 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS

2018428500 **China University of Mining and Technology; Xuzhou Boan Science & Technology Development Co., Ltd** The nature of the amendment is: Amend the invention title to read METHOD FOR EXTRACTING GAS BY FRACTURING COAL SEAM THROUGH COMBINATION OF HYDRAULIC SLOTTING AND MULTI-STAGE COMBUSTION IMPACT WAVE

**2019**

2019202874 **Mexichem Fluor S.A. de C.V.** The nature of the amendment is as shown in the statement filed 28 Apr 2020

2019204674 **Accenture Global Solutions Limited** The nature of the amendment is: Amend the name of the inventor to read SHARMA, Abhishek; GUPTA, Kapil Kumar; MOHANRAM, Jayanthi; GUPTA, Mani; SHAH, Prateek and ANAND, Rohit

2019206704 **YETI Coolers, LLC** The nature of the amendment is as shown in the statement filed 07 Jul 2020

2019212416 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read A MICROORGANISM OF THE GENUS CORYNEBACTERIUM PRODUCING PURINE NUCLEOTIDE AND A METHOD FOR PRODUCING PURINE NUCLEOTIDE BY USING THE SAME

2019219870 **Flow-Rite Controls, Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Mar 2020

2019223671 **Unilever PLC** The nature of the amendment is: Amend the invention title to read Detergent solid composition comprising aminopolycarboxylate and inorganic acid

2019261737 **Graphic Packaging International, LLC** The nature of the amendment is as shown in the statement filed 23 Apr 2020

2019263501 **Bauer Spezialtiefbau GmbH** The nature of the amendment is: Amend the invention title to read METHOD AND DEVICE FOR PRODUCING A FOUNDATION ELEMENT IN THE GROUND

2019275673 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2020

2019414088 **Kuraray Co., Ltd.** The nature of the amendment is: Amend the invention title to read Porous Carbon Material, Method for Producing Same, and Use of Same

**2020**

2020902214 **NewSouth Innovations Pty Limited** The nature of the amendment is: Amend the invention title to read Processes and systems for de-watering sludge

**Amendments**

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

**2011**

2011312596 Everheart Systems, Inc. The name of the patentee has been altered to **CORVION, Inc.**

**2014**

2014373656 Cornell University; Memorial Sloan Kettering Cancer Center; Quest Projects B.V. The name of the patentee has been altered to **Cornell University; Memorial Sloan Kettering Cancer Center; Quest Medical Imaging B.V.**

**2015**

2015246630 4DX Limited The name of the applicant has been altered to **4DMedical Limited**

2015330645 Liminal Biosciences Limited The name of the patentee has been altered to **Liminal BioSciences Limited**

**2016**

2016203105 Everheart Systems, Inc. The name of the patentee has been altered to **CORVION, Inc.**

2016204878 Everheart Systems, Inc. The name of the patentee has been altered to **CORVION, Inc.**

**2017**

2017305946 The Feinstein Institute for Medical Research The name of the applicant has been altered to **The Feinstein Institutes for Medical Research**

2017338887 University of Florida Research Foundation, Incorporated; Entinsic Health Solutions, Inc. The name of the applicant has been altered to **University of Florida Research Foundation, Incorporated; Entinsic BioScience, Inc.**

2017355609 MV Invest ApS The name of the applicant has been altered to **Power Stow International ApS**

2017357052 Imagine Pharma, LLC. The name of the applicant has been altered to **Imagine Pharma, LLC**

**2018**

2018301278 Theragun, LLC The name of the applicant has been altered to **TheraGun, Inc.**

2018301507 EverHeart Systems Inc. The name of the applicant has been altered to **CORVION, Inc.**

**2019**

2019208350 AiViva Biopharma Inc.; Diane Tang-Liu The name of the applicant has been altered to **AiViva BioPharma, Inc.**

2019209860 Decon7 Systems, LLC The name of the applicant has been altered to **Decon7 Systems, Inc.**

2019209862 Decon7 Systems, LLC The name of the applicant has been altered to **Decon7 Systems, Inc.**

**Amendments**

2019209863 Decon7 Systems, LLC The name of the applicant has been altered to **Decon7 Systems, Inc.**

2019209866 Decon7 Systems, LLC The name of the applicant has been altered to **Decon7 Systems, Inc.**

2019209868 Decon7 Systems, LLC The name of the applicant has been altered to **Decon7 Systems, Inc.**

**2020**

2020101352 Chongqing The Second Normal College The name of the applicant has been altered to **Chongqing University of Education**

2020205341 BGC Partners, L.P. The name of the applicant has been altered to **BGC Partners, Inc.**

2020900803 NewSouth Innovations Pty Limited; Commissariat a l'Energie Atomique et aux Energies Alternatives The name of the applicant has been altered to **Commissariat A L'Energie Atomique Et Aux Energies Alternatives; Silicon Quantum Computing Pty Limited**

2020902197 Miller Camera Support The name of the applicant has been altered to **Clemseven Holdings Pty Ltd**

2020902363 REBUS CORPORATION PTY LTD The name of the applicant has been altered to **Mypangu Pty Ltd**

2020902485 Green Gold Technology Pte Ltd The name of the applicant has been altered to **Greengold Engineering Pty Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) A. Finkl &amp; Sons Co.                      (11) AU-A-2020200368                      (21) 2020200368 (22) 18.01.2020                      (54) Economical Plastic Tooling Cores for Mold and Die Sets                      (51) Int. Cl.  <i>B29C 45/37</i> ( 2006.01 )  <i>B29C 33/38</i> ( 2006.01 )  <i>C21D 9/00</i> ( 2006.01 )                      (31) 16/251,469 (32) 18.01.19 (33) US                      (43) 06.08.2020                      (72) Lapierre-Boire, Louis-Philippe                      (74) HopgoodGanim</p>	<p>(43) 06.08.2020                      (72) Webster, Mark; Werner, Scott; Jensen, Susse; Cundiff, Cameron; Sawyer, Blake                      (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Amgen Inc.                      (11) AU-A-2020205276                      (21) 2020205276 (22) 15.07.2020                      (54) Variants of tissue inhibitor of metalloproteinase type three (TIMP-3), compositions and methods                      (51) Int. Cl.  <i>C07K 14/435</i> ( 2006.01 )                      (43) 06.08.2020                      (62) 2018222973                      (72) Sun, Jeonghoon; O'Neill, Jason Charles; Ketchem, Randal R.; Hecht, Randy Ira; Belouski, Edward J.; Michaels, Mark Leo                      (74) Shelston IP Pty Ltd.</p>
<p>(71) Accenture Global Solutions Limited                      (11) AU-A-2020200383                      (21) 2020200383 (22) 20.01.2020                      (54) DATA TRANSFORMATIONS FOR ROBOTIC PROCESS AUTOMATION                      (51) Int. Cl.  <i>G06N 20/00</i> ( 2019.01 )                      (31) 16/254,288 (32) 22.01.19 (33) US                      (43) 06.08.2020                      (72) GHATAGE, Prakash; VISWANATHAN, Kumar; THANGARAJ, Naveen Kumar; INDRAJEET; SUBRAMANIAN, Kavitha; PATIL, Prakash; KOTNALA, Rahul; WESLEY, Earnest Paul; SUNDARAKRISHNAN, Sattish; ROY, Shishir Kumar; RAJA R, Yakob                      (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Air Products and Chemicals, Inc.                      (11) AU-A-2019202519                      (21) 2019202519 (22) 11.04.2019                      (54) SEPARATION PROCESS AND APPARATUS FOR LIGHT NOBLE GAS                      (51) Int. Cl.  <i>B01D 53/04</i> ( 2006.01 )  <i>B01D 53/047</i> ( 2006.01 )  <i>C01B 23/00</i> ( 2006.01 )                      (31) 16/251,594 (32) 18.01.19 (33) US                      (43) 06.08.2020                      (72) Sanderson, Cory E.; Ploeger, Jason Michael; Cao, Jin; Whitley, Roger Dean; Bhadra, Shubhra Jyoti                      (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Angel Playing Cards Co., Ltd.                      (11) AU-A-2020205298                      (21) 2020205298 (22) 16.07.2020                      (54) Shuffling method of playing cards                      (51) Int. Cl.  <i>A63F 1/12</i> ( 2006.01 )                      (43) 06.08.2020                      (62) 2018250476                      (72) Shigeta, Yasushi                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) AC Industries Pty Ltd                      (11) AU-A-2020200508                      (21) 2020200508 (22) 23.01.2020                      (54) Duct segment                      (51) Int. Cl.  <i>F24F 13/14</i> ( 2006.01 )  <i>E21F 1/04</i> ( 2006.01 )  <i>F16K 7/18</i> ( 2006.01 )  <i>F16K 31/46</i> ( 2006.01 )  <i>F24F 13/02</i> ( 2006.01 )  <i>F24F 13/10</i> ( 2006.01 )  <i>F24F 13/12</i> ( 2006.01 )                      (31) 2019900203 (32) 23.01.19 (33) AU                      (43) 06.08.2020                      (72) Wigg, Anthony Paul                      (74) LAMINAR IP PTY LTD</p>	<p>(71) Alibaba Group Holding Limited                      (11) AU-A-2019257474                      (21) 2019257474 (22) 17.01.2019                      (54) Strategy searching in strategic interaction between parties                      (51) Int. Cl.  <i>G06Q 10/04</i> ( 2012.01 )                      (43) 06.08.2020                      (72) Li, Hui; Hu, Kailiang; Song, Le                      (74) Spruson &amp; Ferguson</p>	<p>(71) Angel Playing Cards Co., Ltd.                      (11) AU-A-2020205305                      (21) 2020205305 (22) 16.07.2020                      (54) Game token money, method of manufacturing game token money, and inspection system                      (51) Int. Cl.  <i>G07F 1/06</i> ( 2006.01 )  <i>A44C 21/00</i> ( 2006.01 )  <i>G06K 7/10</i> ( 2006.01 )                      (43) 06.08.2020                      (62) 2018208648                      (72) Shigeta, Yasushi                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Adobe Inc.                      (11) AU-A-2019268092                      (21) 2019268092 (22) 19.11.2019                      (54) PROTOTYPING VOICE USER INTERFACES FOR LANGUAGES WITH NON-PHONETIC ALPHABETS                      (51) Int. Cl.  <i>G10L 15/22</i> ( 2006.01 )                      (31) 62/794,466 (32) 18.01.19 (33) US                      16/420,829 23.05.19 US</p>	<p>(71) Allergan, Inc.                      (11) AU-A-2020205329                      (21) 2020205329 (22) 17.07.2020                      (54) Compositions for skin exfoliation and use thereof                      (51) Int. Cl.  <i>A61K 31/07</i> ( 2006.01 )                      (43) 06.08.2020                      (62) 2019200684                      (72) Colvan, Lora; Mehta, Rahul; Sonti, Sujatha                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AoJie Plastic Toys Factory Ltd.                      (11) AU-A-2019204484                      (21) 2019204484 (22) 25.06.2019                      (54) Ball throwing system                      (51) Int. Cl.  <i>A63B 65/12</i> ( 2006.01 )  <i>A01K 15/00</i> ( 2006.01 )  <i>A63H 33/18</i> ( 2006.01 )                      (31) 16/251,050 (32) 17.01.19 (33) US                      (43) 06.08.2020                      (72) HUNG, Wen Yu                      (74) Spruson &amp; Ferguson</p>
<p>(71) Allergan Industrie, SAS                      (11) AU-A-2020207813                      (21) 2020207813 (22) 22.07.2020                      (54) Implants for sculpting, augmenting or correcting facial features such as the chin                      (51) Int. Cl.  <i>A61L 27/20</i> ( 2006.01 )  <i>A61L 27/50</i> ( 2006.01 )  <i>A61L 27/52</i> ( 2006.01 )                      (43) 06.08.2020                      (62) 2016217792                      (72) Roca Martinez, Jean-Xavier; Ayglon, Aureore                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Apple Inc.                      (11) AU-A-2020207785                      (21) 2020207785 (22) 20.07.2020</p>	<p>(71) Apple Inc.                      (11) AU-A-2020207785                      (21) 2020207785 (22) 20.07.2020</p>

## Applications Open to Public Inspection - Name Index cont'd

- (54) Authenticated device used to unlock another device  
(51) Int. Cl.  
**G06F 21/35** ( 2013.01 )  
**H04M 1/725** ( 2006.01 )  
**H04W 4/00** ( 2009.01 )  
**H04W 4/20** ( 2009.01 )  
**H04W 12/00** ( 2009.01 )  
**H04W 12/06** ( 2009.01 )  
(43) 06.08.2020  
(62) 2018229544  
(72) YANG, Lawrence Y.; IAROCCHI, John J.; BUTCHER, Gary Ian; LYNCH, Kevin  
(74) FPA Patent Attorneys Pty Ltd
- 
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**(72)** SCHEER, Justin; OUYANG, Wenjun; STEFANICH, Eric Gary; VANDLEN, Richard; HAAS, Philip E.; KOLUMAM, Ganesh A.; WANG, Xiaoting; ROSS, Jed; VAN BRUGGEN, Nicholas; LEE, Wyne P.  
**(74)** Griffith Hack

**(71)** Global Blood Therapeutics, Inc.  
**(11)** AU-A-2020207778  
**(21)** 2020207778 **(22)** 20.07.2020  
**(54)** CRYSTALLINE POLYMORPHS OF THE FREE BASE OF 2-HYDROXY-6-((2-(1-ISOPROPYL-1H-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY)BENZALDEHYDE  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2015214182  
**(72)** Parent, Stephan D.; Li, Zhe; Houston, Travis  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**Guiyang Plateau Machinery Company Limited**  
 see TAIYUAN UNIVERSITY OF TECHNOLOGY  
**(21)** 2020202669

**(71)** HB Innovations, Inc.  
**(11)** AU-A-2020205257  
**(21)** 2020205257 **(22)** 15.07.2020  
**(54)** INFANT CALMING/SLEEP-AID DEVICE  
**(51)** Int. Cl.  
**A47D 9/02** ( 2006.01 )  
**A47D 15/00** ( 2006.01 )  
**G01H 17/00** ( 2006.01 )  
**G11B 20/10** ( 2006.01 )

**(43)** 06.08.2020  
**(62)** 2017346777  
**(72)** KARP, Harvey Neil; LARSON, Ted; GARBANATI, Robert; SARYAN, Mikayel; FORNELL, Peter; KOSUGE, Roy; KOPP, Joe  
**(74)** Collison & Co

**(71)** Hill-Rom Services Pte. Ltd.  
**(11)** AU-A-2020205354  
**(21)** 2020205354 **(22)** 17.07.2020  
**(54)** Respiratory therapy filter, flow control, and patient interface apparatuses, systems, and methods  
**(51)** Int. Cl.  
**A61M 16/10** ( 2006.01 )  
**A61M 16/06** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )

**(43)** 06.08.2020  
**(62)** 2019208231  
**(72)** Sing, Jack Barney; Sangadi, Nookarajesh Varma; Frondorf, Michael M.; Mahalingam, Pratheep Kumar; Venkataraya, Suresha; Wang, Yue Yun; Ye, Chau Chong; Fernandes, Joel Preetham; Jiang, Cong; Tan, Wei T.; Kung, Eugene Hong Kheng; Koh, Siew Ying; Teo, Tak Wei David; Noaeill, Leah  
**(74)** Shelston IP Pty Ltd.

**(71)** ICU Medical, Inc.  
**(11)** AU-A-2020205342  
**(21)** 2020205342 **(22)** 17.07.2020  
**(54)** Infusion pump error display  
**(51)** Int. Cl.  
**A61M 5/14** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2015284181  
**(72)** Mills, Gary; Wilson, Kristina; Cudney, James; Cozmi, Mihaela; Marker, Wanda; Rinda, Jeffrey; Krabbe, Dennis  
**(74)** Shelston IP Pty Ltd.

**(71)** IGT  
**(11)** AU-A-2020200391  
**(21)** 2020200391 **(22)** 21.01.2020  
**(54)** SYSTEM AND METHOD FOR INCENTIVIZING TRANSFER OF FUNDS

Applications Open to Public Inspection - Name Index cont'd

TO A GAMING ESTABLISHMENT AC-COUNT  
**(51)** Int. Cl.  
**G07F 19/00** ( 2006.01 )  
**(31)** 16/255,039 **(32)** 23.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** Azzam, Jamal; Baerlocher, Anthony; Higgins, Kevin; Larsen, Kurt M.; Shepherd, Jeffery  
**(74)** Phillips Ormonde Fitzpatrick

**Ihrke, T.J. see Poviva Corp.**  
**(21)** 2020205272

**Ihrke, T.J. see Poviva Corp.**  
**(21)** 2020207796

**(71)** Implament Pty Ltd  
**(11)** AU-A-2020200409  
**(21)** 2020200409 **(22)** 21.01.2020  
**(54)** Suture anchor driver  
**(51)** Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**(31)** 2019900176 **(32)** 21.01.19 **(33)** AU  
**(43)** 06.08.2020  
**(72)** PIENAAR, Daniel Johannes  
**(74)** Patenteur Pty Ltd

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2020205324  
**(21)** 2020205324 **(22)** 16.07.2020  
**(54)** An Ostomy Accessory  
**(51)** Int. Cl.  
**A61F 5/445** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2019203587  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** Infuze, LLC  
**(11)** AU-A-2019280070  
**(21)** 2019280070 **(22)** 13.12.2019  
**(54)** Water bottle device assembly  
**(51)** Int. Cl.  
**A45F 3/18** ( 2006.01 )  
**B01F 3/08** ( 2006.01 )  
**B01F 5/04** ( 2006.01 )  
**B01F 15/02** ( 2006.01 )  
**B65D 47/06** ( 2006.01 )  
**(31)** 16/255,497 **(32)** 23.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** NOALL, Daniel; ERICKSON, Nathan; McKENNA, Shane  
**(74)** Spruson & Ferguson

**(71)** Interactive Intelligence Group, Inc.  
**(11)** AU-A-2020205275  
**(21)** 2020205275 **(22)** 15.07.2020  
**(54)** System and method for outlier identification to remove poor alignments in speech synthesis  
**(51)** Int. Cl.  
**G10L 13/02** ( 2006.01 )

**(43)** 06.08.2020  
**(62)** 2019202146  
**(72)** Ganapathiraju, Aravind; Raghavendra, E. Veera  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Intercept Pharmaceuticals, Inc.; Sumitomo Dainippon Pharma Co., Ltd.  
**(11)** AU-A-2020205315  
**(21)** 2020205315 **(22)** 16.07.2020  
**(54)** Compositions of obeticholic acid and methods of use  
**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**C07J 9/00** ( 2006.01 )

**(43)** 06.08.2020  
**(62)** 2016255045  
**(72)** LANCASTER, Richard G.; OLMSTEAD, Kay K.; KAGIHIRO, Masashi; TAOKA, Ikuko; MATONO, Mitsuhiro; PRUZ-ANSKI, Mark; SHAPIRO, David; HOOSHMAND-RAD, Roya; PENCEK, Richard; SCIACCA, Cathi; ELIOT, Lise; EDWARDS, Jeffrey; MACCONELL, Leigh A.; MARMON, Tonya K.  
**(74)** Spruson & Ferguson

**(71)** Ionis Pharmaceuticals, Inc.  
**(11)** AU-A-2020207820  
**(21)** 2020207820 **(22)** 22.07.2020  
**(54)** COMPOSITIONS AND METHODS FOR MODULATING APOLIPOPROTEIN CIII EXPRESSION  
**(51)** Int. Cl.  
**A61K 31/7125** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2019200820  
**(72)** Swayze, Eric E.; Prakash, Thazha P.; Seth, Punit P.; Graham, Mark J.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Johnson Controls Technology Company  
**(11)** AU-A-2020200345  
**(21)** 2020200345 **(22)** 17.01.2020  
**(54)** Conference room management system  
**(51)** Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/06** ( 2012.01 )  
**(31)** 62/794,370 **(32)** 18.01.19 **(33)** US  
 62/794,276 18.01.19 US  
 62/794,533 18.01.19 US  
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 62/794,415 18.01.19 US  
 62/794,032 18.01.19 US  
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 62/794,348 18.01.19 US  
 62/794,407 18.01.19 US  
 62/794,502 18.01.19 US  
 62/794,489 18.01.19 US

**(43)** 06.08.2020  
**(72)** Ma, Ada L.; Sinha, Sudhi R.; Paulson, Erik S.; Hobson, Elyse R.; Park, Youngchoon;

Ploegert, Justin J.; Just, Sarah; Schuster, Kelsey C.  
**(74)** Davies Collision Cave Pty Ltd

**(71)** L.B. Foster Rail Technologies, Inc.  
**(11)** AU-A-2019200818  
**(21)** 2019200818 **(22)** 06.02.2019  
**(54)** Dual Gauge Tracksid System  
**(51)** Int. Cl.  
**B61K 3/00** ( 2006.01 )  
**B61C 15/08** ( 2006.01 )  
**(31)** 102019001071-1 **(32)** 18.01.19 **(33)** BR  
**(43)** 06.08.2020  
**(72)** Ciesielski, Nickolas Mark; Redfield, Matthew Philip; Zier, Shawn Lee  
**(74)** Adams Pluck

**MAES, P. see Universite de Liege**  
**(21)** 2020205304

**(71)** Mallinckrodt Hospital Products IP Limited  
**(11)** AU-A-2020207809  
**(21)** 2020207809 **(22)** 21.07.2020  
**(54)** Systems and methods for intelligent gas source management and/or systems and methods for delivery of therapeutic gas and/or enhanced performance verification for therapeutic gas delivery  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )  
**B63C 11/02** ( 2006.01 )  
**G01F 22/02** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2015255688  
**(72)** ACKER, Jaron M.; FALLIGANT, John C.; MILSAP, Jeff; ROEHL, Robin; SCHMIDT, Jeffrey; TOLMIE, Craig R.  
**(74)** Spruson & Ferguson

**(71)** MASTERCARD INTERNATIONAL INCORPORATED  
**(11)** AU-A-2020205279  
**(21)** 2020205279 **(22)** 15.07.2020  
**(54)** Systems and methods for use in authenticating users in connection with network transactions  
**(51)** Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2018241186  
**(72)** LAKKA, Sowmya Reddy; PIEL, Brian; PALOMBA, Vincenzo; MAIN, Jonathan James; ROBERTS, David Anthony  
**(74)** Spruson & Ferguson

**(71)** MASTERCARD INTERNATIONAL INCORPORATED  
**(11)** AU-A-2020207783  
**(21)** 2020207783 **(22)** 20.07.2020  
**(54)** Method and system for voice authenticated distribution of payment credentials  
**(51)** Int. Cl.  
**G06Q 20/20** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )

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**G06Q 20/40** ( 2012.01 )  
**(43)** 06.08.2020  
**(62)** 2017268112  
**(72)** CORRITORI, Mark David  
**(74)** Spruson & Ferguson
- 
- (71)** Minerva Neurosciences, Inc.  
**(11)** AU-A-2020205268  
**(21)** 2020205268 **(22)** 15.07.2020  
**(54)** Use of phenoxypropylamine compounds to treat depression  
**(51)** Int. Cl.  
**A61K 31/41** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2019200512  
**(72)** PELLEGRINI, Lorenzo; KARABELAS, Argeris; LUTHRINGER, Remy  
**(74)** Spruson & Ferguson
- 
- (71)** Monsanto Technology LLC  
**(11)** AU-A-2020204641  
**(21)** 2020204641 **(22)** 10.07.2020  
**(54)** MODULATION OF RELEASE RATE FROM MICROENCAPSULATED PESTICIDES  
**(51)** Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/28** ( 2006.01 )  
**A01N 37/26** ( 2006.01 )  
**A01N 37/40** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2016205316  
**(72)** Zhang, Junhua; Hemminghaus, John W.; Friedman, Todd Charles; Deng, Wenjin; Yuan, Liwei  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Muffett, R.  
**(11)** AU-A-2020205356  
**(21)** 2020205356 **(22)** 17.07.2020  
**(54)** Absorption of Atmospheric Carbon Dioxide  
**(51)** Int. Cl.  
**B01D 53/62** ( 2006.01 )  
**A01G 15/00** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )  
**(43)** 06.08.2020  
**(62)** 2019201889  
**(72)** Muffett, Ruth; Douglas, Delwyn  
**(74)** Griffith Hack
- 
- (71)** NEC Platforms, Ltd.  
**(11)** AU-A-2019369207  
**(21)** 2019369207 **(22)** 13.12.2019  
**(54)** Cover for electronic apparatus and electronic apparatus  
**(51)** Int. Cl.  
**H05K 5/03** ( 2006.01 )  
**(31)** 2019-008372 **(32)** 22.01.19 **(33)** JP  
**(43)** 06.08.2020  
**(72)** KURACHI, Hidekazu  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Neurocrine Biosciences, Inc.  
**(11)** AU-A-2020207774  
**(21)** 2020207774 **(22)** 20.07.2020  
**(54)** CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia  
**(51)** Int. Cl.  
**A61K 31/427** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2015209452  
**(72)** Grigoriadis, Dimitri E.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Nichia Corporation  
**(11)** AU-A-2020200271  
**(21)** 2020200271 **(22)** 14.01.2020  
**(54)** SEMICONDUCTOR LASER ELEMENT AND METHOD FOR MANUFACTURING THE SAME  
**(51)** Int. Cl.  
**H01S 5/343** ( 2006.01 )  
**H01L 33/32** ( 2010.01 )  
**(31)** 2019-005760 **(32)** 17.01.19 **(33)** JP  
 2019-141147 31.07.19 JP  
**(43)** 06.08.2020  
**(72)** NAKATSU, Yoshitaka  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Novartis AG  
**(11)** AU-A-2020205355  
**(21)** 2020205355 **(22)** 17.07.2020  
**(54)** Chemical process for preparing imidazopyrrolidinone derivatives and intermediates thereof  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2017364332  
**(72)** Wang, Hao; Ye, Jiong; Han, Bo; Flubacher, Dietmar; Stettler, Hans; Gallou, Fabrice; Mallet, Franck; Napp, Matthias; Haller, Michael  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Novartis AG  
**(11)** AU-A-2020207771  
**(21)** 2020207771 **(22)** 20.07.2020  
**(54)** Use of the IL-1Beta binding antibody canakinumab for treating or alleviating symptoms of pulmonary sarcoidosis  
**(51)** Int. Cl.  
**A61P 11/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2017298656  
**(72)** Oliver, Stephen  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Omnicell, Inc.  
**(11)** AU-A-2020205311  
**(21)** 2020205311 **(22)** 16.07.2020  
**(54)** Relay box  
**(51)** Int. Cl.
- 
- G06Q 50/22** ( 2012.01 )  
**E05B 39/00** ( 2006.01 )  
**E05B 47/00** ( 2006.01 )  
**E05B 73/00** ( 2006.01 )  
**G07C 9/00** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2017216982  
**(72)** FOOT, John; NEWBY, Paul; CHANG, Jeff  
**(74)** FB Rice Pty Ltd
- 
- (71)** Page, W.P.  
**(11)** AU-A-2020200375  
**(21)** 2020200375 **(22)** 19.01.2020  
**(54)** Vehicle activated timed light circuit tester  
**(51)** Int. Cl.  
**B60Q 11/00** ( 2006.01 )  
**(31)** 2019900175 **(32)** 21.01.19 **(33)** AU  
**(43)** 06.08.2020  
**(72)** Page, Wayne Page R.  
**(74)** Wayne Page R Page
- 
- (71)** Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.  
**(11)** AU-A-2020205272  
**(21)** 2020205272 **(22)** 15.07.2020  
**(54)** METHODS FOR FORMULATING ORALLY INGESTIBLE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS  
**(51)** Int. Cl.  
**A61K 31/167** ( 2006.01 )  
**A61K 31/192** ( 2006.01 )  
**A61K 31/196** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/355** ( 2006.01 )  
**A61K 31/405** ( 2006.01 )  
**A61K 31/455** ( 2006.01 )  
**A61K 31/5415** ( 2006.01 )  
**A61K 31/616** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/82** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 5/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2019202276  
**(72)** Docherty, John; Bunka, Christopher Andrew; Ihrke, Thomas James  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.  
**(11)** AU-A-2020207796  
**(21)** 2020207796 **(22)** 21.07.2020  
**(54)** STABLE READY-TO-DRINK BEVERAGE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS  
**(51)** Int. Cl.  
**A23F 3/14** ( 2006.01 )  
**(43)** 06.08.2020  
**(62)** 2019202300  
**(72)** Docherty, John; Bunka, Christopher Andrew; Ihrke, Thomas James  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2020207821  
 (21) 2020207821 (22) 22.07.2020  
 (54) MOTION VECTOR DERIVATION IN VIDEO CODING  
 (51) Int. Cl.  
*H04N 19/513* ( 2014.01 )  
*H04N 19/109* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/44* ( 2014.01 )  
*H04N 19/46* ( 2014.01 )  
*H04N 19/56* ( 2014.01 )  
*H04N 19/57* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
*H04N 19/96* ( 2014.01 )  
 (43) 06.08.2020  
 (62) 2016243520  
 (72) Li, Xiang; Chen, Ying; Zhang, Li; Liu, Hongbin; Chen, Jianle; Karczewicz, Marta  
 (74) Madderns Pty Ltd
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- (71) Qualcomm Incorporated  
 (11) AU-A-2020207829  
 (21) 2020207829 (22) 22.07.2020  
 (54) CONTROL CHANNEL BASED BROADCAST MESSAGING  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
*H04W 48/08* ( 2009.01 )  
 (43) 06.08.2020  
 (62) 2016252533  
 (72) Xu, Hao; Chen, Wanshi; Vajapeyam, Madhavan Srinivasan; Gaal, Peter  
 (74) Madderns Pty Ltd
- 
- (71) QUANTA ASSOCIATES, L.P.  
 (11) AU-A-2020205266  
 (21) 2020205266 (22) 15.07.2020  
 (54) METHOD AND APPARATUS FOR PROVIDING TEMPORARY SUPPORT AND A MEANS FOR RELOCATING ENERGIZED ELECTRICAL CONDUCTORS  
 (51) Int. Cl.  
*H02G 1/04* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2018217287  
 (72) WABNEGGER, David  
 (74) AJ PARK
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- (71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2020205336  
 (21) 2020205336 (22) 17.07.2020  
 (54) EFFICIENT SELECTIVITY OF RECOMBINANT PROTEINS  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*C12N 5/02* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 9/12* ( 2006.01 )  
*C12N 15/00* ( 2006.01 )  
*C12P 21/06* ( 2006.01 )
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- (71) Rocket Innovations, Inc.  
 (11) AU-A-2020205358  
 (21) 2020205358 (22) 17.07.2020  
 (54) Moisture-erasable note taking system  
 (51) Int. Cl.  
*B43K 8/02* ( 2006.01 )  
*C09D 11/17* ( 2014.01 )  
*D21H 27/28* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2017356227  
 (72) LEMAY, Joseph; EPSTEIN, Jacob  
 (74) Griffith Hack
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- (71) Rush Street Interactive, LLC  
 (11) AU-A-2020205303  
 (21) 2020205303 (22) 16.07.2020  
 (54) Online gaming using microdenominations
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- (71) Reinhardt, E.  
 (11) AU-A-2019200669  
 (21) 2019200669 (22) 31.01.2019  
 (54) Exercise machine  
 (51) Int. Cl.  
*A63B 22/00* ( 2006.01 )  
 (31) 16/253,207 (32) 21.01.19 (33) US  
 (43) 06.08.2020  
 (72) Reinhardt, Ernie; Reinhardt, Sydney  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Revance Therapeutics, Inc.  
 (11) AU-A-2020205346  
 (21) 2020205346 (22) 17.07.2020  
 (54) Compositions and methods for topical application and transdermal delivery of botulinum toxins  
 (51) Int. Cl.  
*C07K 14/33* ( 2006.01 )  
*A61K 8/64* ( 2006.01 )  
*A61K 39/08* ( 2006.01 )  
*A61K 39/40* ( 2006.01 )  
*A61K 39/42* ( 2006.01 )  
*A61K 51/00* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2017279620  
 (72) DAKE, Michael D.; WAUGH, Jacob M.  
 (74) Spruson & Ferguson
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- (71) Sage Therapeutics, Inc.  
 (11) AU-A-2020207810  
 (21) 2020207810 (22) 21.07.2020  
 (54) Compositions and methods for treating CNS disorders  
 (51) Int. Cl.  
*C07J 43/00* ( 2006.01 )  
*A01N 51/00* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2015331597  
 (72) Martinez Botella, Gabriel; Salituro, Francesco G.; Robichaud, Albert Jean; Harrison, Boyd L.  
 (74) Spruson & Ferguson
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- (71) SAMSUNG ELECTRONICS CO., LTD.  
 (11) AU-A-2020205313  
 (21) 2020205313 (22) 16.07.2020  
 (54) Transmission power control for an uplink control channel  
 (51) Int. Cl.  
*H04L 1/00* ( 2006.01 )  
*H04L 5/00* ( 2006.01 )  
*H04W 52/34* ( 2009.01 )  
 (43) 06.08.2020  
 (62) 2016246295  
 (72) PAPASAKELLARIOU, Aris  
 (74) Griffith Hack
- 
- (71) SC Asset Corporation  
 (11) AU-A-2020205267  
 (21) 2020205267 (22) 15.07.2020  
 (54) System for successively uncovering ports along a wellbore to permit injection of a fluid along said wellbore  
 (51) Int. Cl.  
*E21B 34/14* ( 2006.01 )  
*E21B 43/12* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2016253992  
 (72) Nordheimer, David  
 (74) Spruson & Ferguson
- 
- (71) SELEGGT GmbH  
 (11) AU-A-2020207812  
 (21) 2020207812 (22) 22.07.2020  
 (54) Egg inspection device  
 (51) Int. Cl.  
*G01N 33/08* ( 2006.01 )  
*A01K 45/00* ( 2006.01 )  
 (43) 06.08.2020  
 (62) 2017311519  
 (72) Einspanier, Almuth  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Senator Boats 2017 Limited  
 (11) AU-A-2020207781  
 (21) 2020207781 (22) 20.07.2020

Applications Open to Public Inspection - Name Index cont'd

(54) IMPROVEMENTS IN, OR RELATED TO, AMPHIBIOUS VESSELS

(51) Int. Cl.  
**B60F 3/00** ( 2006.01 )

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C07C 233/11 ( 2006.01 )  
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Numerical Index

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<b>2019200462</b>	Aristocrat Technologies Australia Pty Limited	<b>2020205305</b>	Angel Playing Cards Co., Ltd.
<b>2019200669</b>	Reinhardt, E.	<b>2020205306</b>	Axsome Therapeutics, Inc.
<b>2019200818</b>	L.B. Foster Rail Technologies, Inc.	<b>2020205310</b>	Bill & Melinda Gates Foundation
<b>2019202519</b>	Air Products and Chemicals, Inc.	<b>2020205311</b>	Omniceil, Inc.
<b>2019203202</b>	Spektacom Technologies Private Limited	<b>2020205313</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>2019204484</b>	AoJie Plastic Toys Factory Ltd.	<b>2020205314</b>	Becton, Dickinson and Company
<b>2019204651</b>	Aristocrat Technologies Australia Pty Limited	<b>2020205315</b>	Intercept Pharmaceuticals, Inc.; Sumitomo Dainippon Pharma Co., Ltd.
<b>2019257474</b>	Alibaba Group Holding Limited	<b>2020205318</b>	Bluedot Innovation Pty Ltd
<b>2019268092</b>	Adobe Inc.	<b>2020205319</b>	Freeport-McMoRan Inc.
<b>2019279959</b>	Dormer, K.	<b>2020205323</b>	Tableau Software, Inc.
<b>2019280070</b>	Infuze, LLC	<b>2020205324</b>	Implantica Patent Ltd
<b>2019299867</b>	China University of Mining and Technology; Xuzhou Gold-fluid Hydraulic Technology Development Co.,Ltd.	<b>2020205326</b>	Aristocrat Technologies Australia Pty Limited
<b>2019333834</b>	Chengdu Chemphys Chemical Industry Co., Ltd; Sinolithium Materials Limited	<b>2020205327</b>	Biotals NV
<b>2019369207</b>	NEC Platforms, Ltd.	<b>2020205329</b>	Allergan, Inc.
<b>2020200088</b>	Australian Adjuvants Pty Ltd	<b>2020205330</b>	Eddy Current Limited Partnership
<b>2020200107</b>	Aristocrat Technologies Australia Pty Limited	<b>2020205331</b>	The University of Sydney
<b>2020200130</b>	The Boston Consulting Group, Inc.	<b>2020205333</b>	Weatherford Technology Holdings, LLC
<b>2020200193</b>	Transdev Group	<b>2020205335</b>	CareFusion 303, Inc.
<b>2020200204</b>	Stuart, W.	<b>2020205336</b>	Regeneron Pharmaceuticals, Inc.
<b>2020200246</b>	Avionics Pty Ltd	<b>2020205338</b>	Eddy Current Limited Partnership
<b>2020200271</b>	Nichia Corporation	<b>2020205339</b>	Array BioPharma, Inc.
<b>2020200291</b>	USound GmbH	<b>2020205341</b>	BGC Partners, Inc.
<b>2020200344</b>	Brian Investments Pty Ltd	<b>2020205342</b>	ICU Medical, Inc.
<b>2020200345</b>	Johnson Controls Technology Company	<b>2020205345</b>	Bayer CropScience Aktiengesellschaft
<b>2020200368</b>	A. Finkl & Sons Co.	<b>2020205346</b>	Revence Therapeutics, Inc.
<b>2020200375</b>	Page, W.P.	<b>2020205349</b>	Bausch Health Ireland Limited
<b>2020200383</b>	Accenture Global Solutions Limited	<b>2020205354</b>	Hill-Rom Services Pte. Ltd.
<b>2020200391</b>	IGT	<b>2020205355</b>	Novartis AG
<b>2020200409</b>	Implament Pty Ltd	<b>2020205356</b>	Muffett, R.
<b>2020200508</b>	AC Industries Pty Ltd	<b>2020205357</b>	Waymo LLC
<b>2020202669</b>	TAIYUAN UNIVERSITY OF TECHNOLOGY; Guiyang Plateau Machinery Company Limited	<b>2020205358</b>	Rocket Innovations, Inc.
<b>2020204554</b>	Ares Trading S.A	<b>2020207771</b>	Novartis AG
<b>2020204609</b>	Spray Nozzle Engineering Pty Ltd	<b>2020207772</b>	CareFusion 303, Inc.
<b>2020204637</b>	Revolutionary Medical Devices, Inc.	<b>2020207774</b>	Neurocrine Biosciences, Inc.
<b>2020204641</b>	Monsanto Technology LLC	<b>2020207775</b>	Fredax AB
<b>2020205249</b>	Cytomx Therapeutics, Inc.	<b>2020207777</b>	Smith, A.
<b>2020205256</b>	Dotterel Technologies Limited	<b>2020207778</b>	Global Blood Therapeutics, Inc.
<b>2020205257</b>	HB Innovations, Inc.	<b>2020207779</b>	Applied Molecular Transport LLC
<b>2020205261</b>	Epizyme, Inc.	<b>2020207781</b>	Senator Boats 2017 Limited
<b>2020205266</b>	QUANTA ASSOCIATES, L.P.	<b>2020207782</b>	BLUESCOPE STEEL LIMITED
<b>2020205267</b>	SC Asset Corporation	<b>2020207783</b>	MASTERCARD INTERNATIONAL INCORPORATED
<b>2020205268</b>	Minerva Neurosciences, Inc.	<b>2020207785</b>	Apple Inc.
<b>2020205269</b>	Tata Consultancy Services Limited	<b>2020207787</b>	SYNERZ MEDICAL, INC.
<b>2020205270</b>	Aristocrat Technologies Australia Pty Limited	<b>2020207788</b>	Sony Corporation
<b>2020205271</b>	Syqe Medical Ltd.	<b>2020207791</b>	SHEKEL SCALES (2008) LTD
<b>2020205272</b>	Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.	<b>2020207792</b>	Université Catholique de Louvain
<b>2020205273</b>	UNISYS CORPORATION	<b>2020207796</b>	Poviva Corp.; Docherty, J.; Bunka, C.A.; Ihrke, T.J.
<b>2020205274</b>	Duke University	<b>2020207803</b>	Xencor, Inc.
<b>2020205275</b>	Interactive Intelligence Group, Inc.	<b>2020207804</b>	The Scripps Research Institute
<b>2020205276</b>	Amgen Inc.	<b>2020207806</b>	The University of North Carolina at Chapel Hill
<b>2020205278</b>	AxoGen Corporation	<b>2020207807</b>	Chill Gaming Pty Ltd
<b>2020205279</b>	MASTERCARD INTERNATIONAL INCORPORATED	<b>2020207809</b>	Mallinckrodt Hospital Products IP Limited
<b>2020205281</b>	Verona Pharma PLC	<b>2020207810</b>	Sage Therapeutics, Inc.
<b>2020205282</b>	SWIMC LLC	<b>2020207812</b>	SELEGGT GmbH
<b>2020205283</b>	W. L. Gore & Associates, Inc.	<b>2020207813</b>	Allergan Industrie, SAS
<b>2020205284</b>	GENENTECH, INC.	<b>2020207814</b>	Cartiva, Inc.
<b>2020205286</b>	Bripcor BVBA	<b>2020207815</b>	Dignity Health; Arizona Board of Regents on behalf of Arizona State University
<b>2020205288</b>	W.L. GORE & ASSOCIATES, INC.	<b>2020207820</b>	Ionis Pharmaceuticals, Inc.
<b>2020205290</b>	W. L. Gore & Associates, Inc.	<b>2020207821</b>	Qualcomm Incorporated
<b>2020205291</b>	Bedford Systems LLC	<b>2020207823</b>	BGC Partners, Inc.
<b>2020205294</b>	Deciphera Pharmaceuticals, LLC	<b>2020207824</b>	Coherus Biosciences, Inc.
<b>2020205297</b>	Auspex Pharmaceuticals, Inc.	<b>2020207827</b>	Dali Systems Co. Ltd.
<b>2020205298</b>	Angel Playing Cards Co., Ltd.	<b>2020207829</b>	Qualcomm Incorporated
<b>2020205303</b>	Rush Street Interactive, LLC		

IPC Index

<b>A01G 15 /-</b> 2020205356	<b>A61B 3 /-</b> 2020207815	<b>A61M 11 /-</b> 2020205271	<b>A63F 9 /-</b> 2020200107	<b>B66B 15 /-</b> 2020202669	<b>C07K 1 /-</b> 2020205349
<b>A01K 11 /-</b> 2020207788	<b>A61F 2 /-</b> 2020205283 2020207814	<b>A61M 15 /-</b> 2020205271	<b>A63H 33 /-</b> 2019204484	<b>B66D 1 /-</b> 2020202669	<b>C07K 14 /-</b> 2020205276 2020205284 2020205346 2020205349 2020207806
<b>A01K 15 /-</b> 2019204484	<b>A61F 5 /-</b> 2020205324 2020207787	<b>A61M 16 /-</b> 2020204637 2020205271 2020205354 2020207809	<b>B01D 1 /-</b> 2020204609	<b>B66F 11 /-</b> 2020205326	<b>C07K 16 /-</b> 2020205249 2020205284 2020205327 2020207775 2020207803
<b>A01K 29 /-</b> 2020207788	<b>A61G 10 /-</b> 2020207777	<b>A61M 5 /-</b> 2020205288 2020205342	<b>B01D 53 /-</b> 2019202519 2020205356	<b>B66F 7 /-</b> 2020205326	<b>C07K 19 /-</b> 2020207804
<b>A01K 3 /-</b> 2020207788	<b>A61K 31 /-</b> 2020205261 2020205268 2020205272 2020205294 2020205297 2020205304 2020205306 2020205315 2020205329 2020205331 2020205339 2020207774 2020207778 2020207806 2020207820	<b>A61N 1 /-</b> 2020205274	<b>B01F 15 /-</b> 2019280070	<b>B67D 1 /-</b> 2020205291	<b>C07K 7 /-</b> 2020205349
<b>A01K 45 /-</b> 2020207812	<b>A61K 33 /-</b> 2020205306	<b>A61P 1 /-</b> 2020207779	<b>B01F 3 /-</b> 2019280070	<b>B81B 3 /-</b> 2020200291	<b>C07K 19 /-</b> 2020207804
<b>A01M 1 /-</b> 2019200387	<b>A61K 36 /-</b> 2020205272	<b>A61P 11 /-</b> 2020205281 2020205304 2020207771	<b>B01F 5 /-</b> 2019280070	<b>B81B 7 /-</b> 2020200291	<b>C07K 7 /-</b> 2020205349
<b>A01N 25 /-</b> 2020200088 2020204641	<b>A61K 38 /-</b> 2020205284 2020207804	<b>A61P 19 /-</b> 2020205306	<b>B05B 1 /-</b> 2020204609	<b>B81C 1 /-</b> 2020200291	<b>C08F 218 /-</b> 2020205282
<b>A01N 37 /-</b> 2020204641	<b>A61K 39 /-</b> 2020205249 2020205346 2020207775 2020207779 2020207824	<b>A61P 25 /-</b> 2020205272 2020207806	<b>B29C 33 /-</b> 2020200368	<b>C01B 23 /-</b> 2019202519	<b>C08K 3 /-</b> 2020205282
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<b>A01N 45 /-</b> 2020200088	<b>A61K 51 /-</b> 2020205346 2020207775	<b>A61P 25 /-</b> 2020205272 2020207806	<b>B43K 8 /-</b> 2020205358	<b>C02F 3 /-</b> 2020205310	<b>C09D 131 /-</b> 2020205282
<b>A01N 51 /-</b> 2020207810	<b>A61K 55 /-</b> 2020205346 2020207775	<b>A61P 31 /-</b> 2020205272	<b>B60F 3 /-</b> 2020207781	<b>C07C 233 /-</b> 2020205331	<b>C09D 133 /-</b> 2020205282
<b>A01N 63 /-</b> 2020205327	<b>A61K 59 /-</b> 2020205297 2020205304 2020205315	<b>A61P 35 /-</b> 2020205261 2020205272 2020205331 2020207775	<b>B60L 7 /-</b> 2020205338	<b>C07C 237 /-</b> 2020205331	<b>C09D 135 /-</b> 2020205282
<b>A01P 13 /-</b> 2020204641	<b>A61K 8 /-</b> 2020205346	<b>A61P 39 /-</b> 2020205261 2020205272 2020205331 2020207775	<b>B60Q 11 /-</b> 2020200375	<b>C07D 209 /-</b> 2020205345	<b>C09D 143 /-</b> 2020205282
<b>A01P 21 /-</b> 2020200088	<b>A61K 9 /-</b> 2020205297 2020205304 2020205315	<b>A61P 5 /-</b> 2020205272	<b>B61C 15 /-</b> 2019200818	<b>C07D 213 /-</b> 2020205331	<b>C09D 4 /-</b> 2020205282
<b>A23C 1 /-</b> 2020204609	<b>A61K 27 /-</b> 2020207792 2020207813 2020207814	<b>A61P 9 /-</b> 2020205272	<b>B61K 3 /-</b> 2019200818	<b>C07D 215 /-</b> 2020205331	<b>C09D 5 /-</b> 2020205282
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<b>A47D 15 /-</b> 2020205257	<b>A61L 29 /-</b> 2020205290	<b>A63B 65 /-</b> 2019204484	<b>B64C 39 /-</b> 2020205256	<b>C07D 487 /-</b> 2020205339 2020205355	<b>C12N 9 /-</b> 2020205336
<b>A47D 9 /-</b> 2020205257	<b>A61L 29 /-</b> 2020205290	<b>A63F 1 /-</b> 2020205298	<b>B64D 33 /-</b> 2020205256	<b>C07D 519 /-</b> 2020205339	<b>C12P 19 /-</b> 2020205314
<b>A47J 31 /-</b> 2020205291	<b>A61L 29 /-</b> 2020205290	<b>A63F 13 /-</b> 2019200462 2020205270 2020205303 2020207823	<b>B65D 1 /-</b> 2019279959	<b>C07J 43 /-</b> 2020207810	<b>C12P 21 /-</b> 2020205336
<b>A61B 17 /-</b> 2020200409			<b>B65D 47 /-</b> 2019280070	<b>C07J 9 /-</b> 2020205315	
			<b>B65D 85 /-</b> 2019279959		

Applications Open to Public Inspection - IPC Index cont'd

<b>C12Q 1 /-</b> 2020205261 2020205314	<b>F24F 13 /-</b> 2020200508	2020205357 2020207772 2020207788	<b>H04L 5 /-</b> 2020205313
<b>C21D 9 /-</b> 2020200368	<b>F25B 21 /-</b> 2020205291	<b>G07C 11 /-</b> 2020200107	<b>H04M 1 /-</b> 2020207785
<b>C25B 1 /-</b> 2019333834	<b>G01C 21 /-</b> 2020205319	<b>G07C 5 /-</b> 2020200193	<b>H04N 19 /-</b> 2020207821
<b>D21H 27 /-</b> 2020205358	<b>G01F 22 /-</b> 2020207809	<b>G07C 9 /-</b> 2020205311	<b>H04N 21 /-</b> 2019203202
<b>E01C 23 /-</b> 2020200246	<b>G01G 3 /-</b> 2020207791	<b>G07F 1 /-</b> 2020205305	<b>H04N 5 /-</b> 2020207807
<b>E04D 13 /-</b> 2020207782	<b>G01H 17 /-</b> 2020205257	<b>G07F 17 /-</b> 2019204651	<b>H04R 1 /-</b> 2020207807
<b>E04D 3 /-</b> 2020207782	<b>G01N 15 /-</b> 2020205278	<b>G07F 19 /-</b> 2020200391	<b>H04W 12 /-</b> 2020205357 2020207785
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<b>E05B 39 /-</b> 2020205311	<b>G01S 1 /-</b> 2020207788	<b>G08C 19 /-</b> 2020207788	<b>H04W 48 /-</b> 2020207829
<b>E05B 47 /-</b> 2020205311	<b>G01S 19 /-</b> 2020205318 2020205319	<b>G08G 1 /-</b> 2020200193 2020205319	<b>H04W 52 /-</b> 2020205313
<b>E05B 5 /-</b> 2020200204	<b>G01S 5 /-</b> 2020205319	<b>G09F 19 /-</b> 2020205326	<b>H04W 72 /-</b> 2020207829
<b>E05B 73 /-</b> 2020205311	<b>G06F 11 /-</b> 2020205273	<b>G10L 13 /-</b> 2020205275	<b>H05K 5 /-</b> 2019369207
<b>E21B 25 /-</b> 2019279959	<b>G06F 17 /-</b> 2020205279	<b>G10L 15 /-</b> 2019268092	<b>H05K 7 /-</b> 2020205286
<b>E21B 29 /-</b> 2020205333	<b>G06F 21 /-</b> 2020205273 2020207785	<b>G11B 20 /-</b> 2020205257	<b>No IPC Mark</b>
<b>E21B 34 /-</b> 2020205267	<b>G06F 3 /-</b> 2020205323	<b>G16H 10 /-</b> 2020204554	
<b>E21B 43 /-</b> 2020205267 2020205333	<b>G06K 7 /-</b> 2020205305	<b>H01L 33 /-</b> 2020200271	
<b>E21B 7 /-</b> 2020200246	<b>G06N 20 /-</b> 2020200130 2020200383	<b>H01L 41 /-</b> 2020200291	
<b>E21D 23 /-</b> 2019299867	<b>G06Q 10 /-</b> 2019257474 2020200345 2020205269 2020207823	<b>H01S 5 /-</b> 2020200271	
<b>E21F 1 /-</b> 2020200508	<b>G06Q 20 /-</b> 2020207783	<b>H02G 1 /-</b> 2020205266	
<b>F16B 11 /-</b> 2020200344	<b>G06Q 20 /-</b> 2020207783	<b>H02K 49 /-</b> 2020205330 2020205338	
<b>F16B 21 /-</b> 2020200344	<b>G06Q 30 /-</b> 2020205269	<b>H02S 20 /-</b> 2020207782	
<b>F16B 35 /-</b> 2020200344	<b>G06Q 40 /-</b> 2020200130 2020205341	<b>H04L 1 /-</b> 2020205313	
<b>F16K 31 /-</b> 2020200508	<b>G06Q 50 /-</b> 2020205311 2020205335	<b>H04L 12 /-</b> 2020205273	
<b>F16K 7 /-</b> 2020200508		<b>H04L 29 /-</b> 2020205273	

**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters  
 . (\*\*) Title not given  
 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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**Abbas, M. see Patan, R.**  
**(21)** 2020101173

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**(71)** Agricultural Information Institute of CAAS  
**(11)** AU-A-2020101238  
**(21)** 2020101238 **(22)** 03.07.2020  
**(54)** A Kind of Method for Early Warning of Price Fluctuation of Agricultural Product and Its System  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**(45)** 06.08.2020  
**(72)** XU, Shiwei; WANG, Shengwei; ZHUANG, Jiayu; WANG, Dongjie; LIU, Jiajia  
**(74)** WRAYS PTY LTD

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**(71)** Allen, D.  
**(11)** AU-A-2020101228  
**(21)** 2020101228 **(22)** 02.07.2020  
**(54)** Peg  
**(51)** Int. Cl.  
**D06F 55/00** ( 2006.01 )  
**(31)** 2019902346 **(32)** 02.07.19 **(33)** AU  
 2019903139 27.08.19 AU  
**(45)** 06.08.2020  
**(72)** Allen, Danny  
**(74)** MEYER WEST IP PTY LTD

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**(71)** ANGURAJ, D.K.; Y, P.; NAYAK, R.K.; V RAVI, R.; TRIPATHY, R.; K, S.P.; C, V.; J, P.  
**(11)** AU-A-2020101210  
**(21)** 2020101210 **(22)** 30.06.2020  
**(54)** AUTOMATED SCREENING SYSTEM OF COVID-19 INFECTED PERSONS BY MEASUREMENT OF RESPIRATORY DATA THROUGH DEEP FACIAL RECOGNITION  
**(51)** Int. Cl.  
**A61B 5/08** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**(45)** 06.08.2020  
**(72)** ANGURAJ, DINESH KUMAR; Y., PRASANTH; NAYAK, RUDRA KALYAN; V. RAVI, RENJITH; TRIPATHY, RAMAMANI; K., SAI PRASANTHI; C., VINOTHINI; J., PRIYA  
**(74)** DINESH KUMAR ANGURAJ

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**(71)** Anhui University of Science and Technology  
**(11)** AU-A-2020101127  
**(21)** 2020101127 **(22)** 25.06.2020

**(54)** A single-side groove housing for blasting grain  
**(51)** Int. Cl.  
**F42B 1/02** ( 2006.01 )  
**(45)** 06.08.2020  
**(72)** WANG, Haiibo; WANG, Mengxiang; XU, Xuan; XU, Ying; Ma, Shoulong; ZONG, Qi; L.V, Nao; CHENG, Bing  
**(74)** WRAYS PTY LTD

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**(71)** Anhui Yifei Machinery Co., Ltd.  
**(11)** AU-A-2020101216  
**(21)** 2020101216 **(22)** 01.07.2020  
**(54)** INTEGRATED ROOF TENT CAPABLE OF BEING STABLY LOCKED FOR OFF-ROAD VEHICLE  
**(51)** Int. Cl.  
**E04H 15/06** ( 2006.01 )  
**B60P 3/34** ( 2006.01 )  
**B60P 3/39** ( 2006.01 )  
**E04H 15/48** ( 2006.01 )  
**(31)** 202020432635X **(32)** 30.03.20 **(33)** CN  
**(45)** 06.08.2020  
**(72)** Zhang, Xuefei  
**(74)** Madderns Pty Ltd

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**(71)** ANKAme Pty Ltd  
**(11)** AU-A-2020101207  
**(21)** 2020101207 **(22)** 30.06.2020  
**(54)** Ladder safety device  
**(51)** Int. Cl.  
**E06C 7/50** ( 2006.01 )  
**(31)** 2019902450 **(32)** 10.07.19 **(33)** AU  
**(45)** 06.08.2020  
**(72)** Newitt, Johnathon  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Beihang University  
**(11)** AU-A-2020101227  
**(21)** 2020101227 **(22)** 02.07.2020  
**(54)** TEST METHOD AND TEST DEVICE SUITABLE FOR ROTATIONAL FLOW FIELD OF VERTICAL SHAFT  
**(51)** Int. Cl.  
**H02P 7/00** ( 2016.01 )  
**H02K 1/00** ( 2006.01 )  
**H02K 9/00** ( 2006.01 )  
**(45)** 06.08.2020  
**(72)** YOU, Ruquan; LI, Haiwang; TAO, Zhi; HUANG, Weina; GUO, Wen  
**(74)** WRAYS PTY LTD

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**(71)** Beihang University  
**(11)** AU-A-2020101230  
**(21)** 2020101230 **(22)** 02.07.2020  
**(54)** A Hot Wire Tester Suitable for Rotating Conditions  
**(51)** Int. Cl.  
**G01P 3/487** ( 2006.01 )

**(45)** 06.08.2020  
**(72)** YOU, Ruquan; LI, Haiwang; TAO, Zhi; HUANG, Weina; GUO, Wen  
**(74)** WRAYS PTY LTD

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**(71)** Beijing TeamRun Technology Development Co.,Ltd  
**(11)** AU-A-2020101010  
**(21)** 2020101010 **(22)** 15.06.2020  
**(54)** Turf filament stitching machine  
**(51)** Int. Cl.  
**E01C 13/08** ( 2006.01 )  
**D05C 15/18** ( 2006.01 )  
**(31)** 202010365774.X **(32)** 30.04.20 **(33)** CN  
**(45)** 06.08.2020  
**(72)** Han, Liebao; Gao, Feng; Zhou, Zhixiang; Chen, Yufeng; Song, Guilong; Huang, Rong  
**(74)** Shelston IP Pty Ltd.

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**(71)** BENELEC PTY. LIMITED  
**(11)** AU-A-2020101214  
**(21)** 2020101214 **(22)** 01.07.2020  
**(54)** Compact Terminal Antenna for 5G Applications  
**(51)** Int. Cl.  
**H01Q 9/20** ( 2006.01 )  
**(45)** 06.08.2020  
**(72)** Abbas, Syed Muzahir; Benchoam, David; Benchoam, Marco  
**(74)** BENELEC PTY. LIMITED

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**BOEN Solar Technology Co., Ltd. see Henan Agricultural University**  
**(21)** 2020101226

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**(71)** Byrnes, R.  
**(11)** AU-A-2020100956  
**(21)** 2020100956 **(22)** 07.06.2020  
**(54)** The SMA -Eden BM3 (EDEN3) is an extension of the Snowy Mountains Hydro Scheme. The purpose of this engineering project is to safeguard regions of south-eastern Australia now, and in the future, from drought and to supply water as climate change impacts. The EDEN3 will supply de-salinated water from the NSW South Coast and pump it up near the Brown Mountain area into the Murrumbidgee River. This water will flow to Lake Burrinjuck and then be piped into Lake George and into the Shoalhaven River. It is designed to provide a secure water supply to the Eden-Monaro area and provide power.  
**(51)** Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**(45)** 06.08.2020  
**(72)** Byrnes, Rohan Stephen  
**(74)** Rohan Stephen Byrnes

Innovation Patents Open to Public Inspection - Name Index cont'd

C, V. see ANGURAJ, D.K.

(21) 2020101210

(71) Central South University of Forestry and Technology; Hunan Meilin Dwelling Industry Co., Ltd

(11) AU-A-2020101200

(21) 2020101200 (22) 30.06.2020

(54) Eco-organic high-rise building composed of a bamboo-wood building and a giant structure

(51) Int. Cl.

E04H 1/06 ( 2006.01 )

E04B 1/18 ( 2006.01 )

E04B 1/26 ( 2006.01 )

E04B 1/28 ( 2006.01 )

E04H 1/04 ( 2006.01 )

(45) 06.08.2020

(72) CHEN, Bowang; LIU, Zhe; LIU, Fang

(74) WRAYS PTY LTD

China Environmental Energy Group Co., Limited see Nankai University

(21) 2020101179

(71) China University of Mining and Technology

(11) AU-A-2020101206

(21) 2020101206 (22) 30.06.2020

(54) A Method for Explosive Welding of Zirconium-Based Metallic Glass and Lightweight Metal Plate

(51) Int. Cl.

B23K 20/08 ( 2006.01 )

(45) 06.08.2020

(72) LUO, Ning; LIANG, Hanliang; CHI, Ping; CHEN, Peijian; MA, Zhanguo; DONG, Jiwei; GUO, Xiaoqian

(74) WRAYS PTY LTD

(71) Chongqing Academy of Chinese Materia Medica

(11) AU-A-2020101232

(21) 2020101232 (22) 02.07.2020

(54) HEPIALIDAE SOIL-DWELLING INSECT LARVA BREEDING TOOL

(51) Int. Cl.

A01K 67/033 ( 2006.01 )

(31) 202021054554.7 (32) 09.06.20 (33) CN

(45) 06.08.2020

(72) Chen, Shijiang; Zhang, Deli; He, Yuanchuan; Tu, Yongqin; You, Huajian; Lu, Zenghui; He, Zongyi; Xing, Kangkang

(74) Madderns Pty Ltd

(71) CLEAN BARROW PTY

(11) AU-A-2020101104

(21) 2020101104 (22) 23.06.2020

(54) Apparatus, System and Method for Cleaning a Wheelbarrow

(51) Int. Cl.

B07B 1/00 ( 2006.01 )

B62B 1/18 ( 2006.01 )

B62B 5/00 ( 2006.01 )

B65F 1/14 ( 2006.01 )

B65G 69/12 ( 2006.01 )

B65G 69/30 ( 2006.01 )

F16M 11/00 ( 2006.01 )

(45) 06.08.2020

(62) 2018333834

(72) Hudson, Angus James; Vaupel, Karl Manning; Davies, Sam Rhys

(74) Dentons Patent Attorneys Australasia Limited

(71) Dirty Boy Decking Pty Ltd

(11) AU-A-2020101231

(21) 2020101231 (22) 02.07.2020

(54) Modular and Portable Decking and Flooring Systems

(51) Int. Cl.

E04F 15/024 ( 2006.01 )

(31) 2019902508 (32) 16.07.19 (33) AU

(45) 06.08.2020

(72) Spriggs, Jacob

(74) LEGALVISION ILP PTY. LTD.

(71) Dongguan University Of Technology

(11) AU-A-2020101204

(21) 2020101204 (22) 30.06.2020

(54) COOPERATIVE NAVIGATION SYSTEM FOR AN UNMANNED AERIAL VEHICLE AND AN UNMANNED VEHICLE

(51) Int. Cl.

G01S 19/48 ( 2010.01 )

G01S 5/14 ( 2006.01 )

G01S 5/16 ( 2006.01 )

(45) 06.08.2020

(72) Guo, Jianwen; Lin, Shenhe; Li, Yuheng; Peng, Yu; Liang, Yongdong; Liang, Songming; Xu, Jianhong; Feng, Yinglong; Feng, Jiufa

(74) Phillips Ormonde Fitzpatrick

(71) Duncan, D.

(11) AU-A-2020101203

(21) 2020101203 (22) 30.06.2020

(54) Valve with positive and negative status indicator

(51) Int. Cl.

A61M 39/22 ( 2006.01 )

(45) 06.08.2020

(62) 2019216593

(72) Duncan, David R.

(74) Baldwins Intellectual Property

(71) Eggins, T.

(11) AU-A-2020101141

(21) 2020101141 (22) 25.06.2020

(54) A Device for Inserting and Removing Stakes

(51) Int. Cl.

E04H 17/26 ( 2006.01 )

B25D 1/00 ( 2006.01 )

(45) 06.08.2020

(72) Eggins, Trent

(74) HopgoodGanim

(71) ENVENG PTY LTD

(11) AU-A-2020101193

(21) 2020101193 (22) 30.06.2020

(54) eWM900 is a newly innovated system that proposes a more efficient method of waste disposal and management. With its drum-like structure and features, it is equipped with mechanisms that are deliberately integrated to process and compact rubbish into a brick. This machine offers faster and an easier means of processing waste. Moreover, it helps reduce the energy used for waste collection and the exploitation of land for waste disposal.

(51) Int. Cl.

B09B 3/00 ( 2006.01 )

B02C 18/14 ( 2006.01 )

B29B 17/00 ( 2006.01 )

(45) 06.08.2020

(72) Rouditsier, Alexander

(74) ENVENG PTY LTD

(71) Fang, Z.

(11) AU-A-2016102445

(21) 2016102445 (22) 30.03.2016

(54) Logistics information acquisition method and system for transnational transport

(51) Int. Cl.

G06Q 50/28 ( 2012.01 )

(45) 06.08.2020

(72) Fang, Zehui

(74) Madderns Pty Ltd

(71) Finhaus Ltd

(11) AU-A-2020101114

(21) 2020101114 (22) 24.06.2020

(54) An electronic system and method for cloud financing management

(51) Int. Cl.

G06Q 40/02 ( 2012.01 )

(31) 2019902303 (32) 28.06.19 (33) AU

(45) 06.08.2020

(72) Austin, Mark; Bartlett, Gregory Martin; Koutsovasilis, Leonidas

(74) Alder IP Pty Ltd

(71) Fortescue Metals Group Ltd

(11) AU-A-2020101235

(21) 2020101235 (22) 02.07.2020

(54) Method for the Beneficiation of Iron Ore Streams

(51) Int. Cl.

B03C 1/005 ( 2006.01 )

B03C 1/03 ( 2006.01 )

B03C 1/10 ( 2006.01 )

(31) 2019902359 (32) 03.07.19 (33) AU

(45) 06.08.2020

(72) Stretch, Stephen Andrew; Ilich, Bohdan Matthew

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(51) Int. Cl.  
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**C12Q 1/70** ( 2006.01 )  
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(54) A multi-core optical fiber cellular laser system with stretching function  
(51) Int. Cl.  
**H01S 3/02** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G02B 6/02** ( 2006.01 )  
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**G16H 10/40** ( 2018.01 )  
**A61B 5/00** ( 2006.01 )  
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(54) Automatic Spraying Device  
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**B24C 3/22** ( 2006.01 )  
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**A23L 2/84** ( 2006.01 )  
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(54) METHOD AND SYSTEM FOR TESTING WORKING MODALITY OF THIN-WALLED MEMBER BASED ON MONOCULAR VISUAL OPTICAL FLOW TRACKING  
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(51) Int. Cl.

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**(54)** Safety Device  
**(51)** Int. Cl.  
**E04G 21/32** ( 2006.01 )  
**B65D 59/06** ( 2006.01 )  
**E04C 5/16** ( 2006.01 )  
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**(45)** 06.08.2020  
**(72)** Hunt, Jefferey  
**(74)** Jogias Patent & Trade Marks Attorneys

**(71)** Institute of Cotton Research of the Chinese Academy of Agricultural Sciences  
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**(51)** Int. Cl.  
**C12N 15/29** ( 2006.01 )  
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**(74)** Ran Tao

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**(21)** 2020101210

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**(11)** AU-A-2020101236  
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**(51)** Int. Cl.  
**F03D 3/02** ( 2006.01 )  
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**(21)** 2020101166 **(22)** 26.06.2020  
**(54)** A marine pile joiner  
**(51)** Int. Cl.

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**(71)** Jiangsu Institute of Poultry Science; YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.  
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**(51)** Int. Cl.  
**G01J 3/46** ( 2006.01 )  
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**(21)** 2020101242

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**(21)** 2020101210

**(71)** Kakoschke, K.  
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**B41K 1/02** ( 2006.01 )  
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**(45)** 06.08.2020  
**(72)** Kakoschke, Kathleen  
**(74)** Kathleen Kakoschke

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**(21)** 2020101173

**(71)** Kallam, S.; Munnangi, A.K.; Rajeyyagari, S.; Sekaran, R.; Patan, R.  
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**(21)** 2020101211 **(22)** 01.07.2020  
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**(51)** Int. Cl.  
**G16Y 30/00** ( 2020.01 )  
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**(11)** AU-A-2020101188  
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**(54)** Flame-retardant HIPS material and preparation method thereof  
**(51)** Int. Cl.  
**C08K 5/3492** ( 2006.01 )  
**C08L 9/06** ( 2006.01 )  
**C09K 21/14** ( 2006.01 )  
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**(11)** AU-A-2020101213  
**(21)** 2020101213 **(22)** 01.07.2020  
**(54)** Polystyrene composite material and preparation method thereof  
**(51)** Int. Cl.  
**C08L 9/06** ( 2006.01 )  
**C08L 25/08** ( 2006.01 )  
**C08L 33/08** ( 2006.01 )  
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**(31)** PCT/ **(32)** 28.11.19 **(33)** WO  
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**(74)** KINGFA SCI TECH CO LTD

**(71)** Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences  
**(11)** AU-A-2020101144  
**(21)** 2020101144 **(22)** 25.06.2020  
**(54)** KIT FOR DETECTING ANTI-FOOT-AND-MOUTH DISEASE VIRUS 3AB ANTIBODY AND DETECTION METHOD THEREBY  
**(51)** Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**C07K 14/09** ( 2006.01 )  
**C07K 16/10** ( 2006.01 )  
**G01N 21/78** ( 2006.01 )  
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**(72)** CHEN, Haotai; ZHANG, Yongguang; SUN, Yuefeng; QI, Linlin; ZHANG, Jie; PAN, Li  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** Lynch Group Australia Pty Ltd  
**(11)** AU-A-2020101182  
**(21)** 2020101182 **(22)** 29.06.2020  
**(54)** Rose grading tool  
**(51)** Int. Cl.  
**G01B 3/00** ( 2006.01 )  
**G01B 3/04** ( 2006.01 )  
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**(45)** 06.08.2020  
**(72)** Richards, Rodney  
**(74)** Griffith Hack

**Mohamed, M.Y.N. see Patan, R.**  
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**Morris, D. see Jebbink, D.**



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(21) 2020101211

(71) Nankai University; China Environmental Energy Group Co., Limited

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(54) POROUS CONDUCTIVE CERAMIC AND PREPARATION METHOD AND USE THEREOF

(51) Int. Cl.

C04B 38/00 ( 2006.01 )

C04B 35/10 ( 2006.01 )

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(74) Cotters Patent & Trade Mark Attorneys

NAYAK, R.K. see ANGURAJ, D.K.

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(71) North China Electric Power University; State Grid Electric Vehicle Service Co., Ltd.

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(54) METHOD FOR MULTI-DIMENSIONAL IDENTIFICATION OF FLEXIBLE LOAD DEMAND RESPONSE EFFECT

(51) Int. Cl.

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H02J 3/00 ( 2006.01 )

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(54) Noy Pyro 1 (NP1)

(51) Int. Cl.

F42B 4/00 ( 2006.01 )

(45) 06.08.2020

(72) Noy, Steven John

(74) NOY PTY LTD

(71) PakPot Pty Ltd

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(54) Method of applying a label to a container and a container produced by said method

(51) Int. Cl.

B65C 3/06 ( 2006.01 )

B29C 45/17 ( 2006.01 )

B65D 1/26 ( 2006.01 )

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(54) ADVANCE METERING INFRASTRUCTURE SYSTEM FOR LARGE SCALE IOT NETWORKS DATA COLLECTION BY STREAMING

(51) Int. Cl.

H04Q 9/00 ( 2006.01 )

H04W 4/70 ( 2018.01 )

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(74) Rizwan Patan

Patan, R. see Kallam, S.

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(71) Qian'an Weisheng Solid Waste Environmental Protection Industry Co., Ltd; University of Science and Technology Beijing

(11) AU-A-2020101223

(21) 2020101223 (22) 02.07.2020

(54) A Method for Preparing Cementitious material with all solid wasteContaining Refining Slag

(51) Int. Cl.

C04B 28/08 ( 2006.01 )

C04B 18/06 ( 2006.01 )

C04B 18/14 ( 2006.01 )

C04B 111/10 ( 2006.01 )

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(71) Quzhou University

(11) AU-A-2020101197

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(54) PREPARATION PROCESS OF NEW-ENERGY BIOMASS MATERIAL FOR 3D PRINTING

(51) Int. Cl.

B33Y 70/00 ( 2020.01 )

B29C 64/00 ( 2017.01 )

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C01B 32/324 ( 2017.01 )

H01G 11/34 ( 2013.01 )

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(72) ZHANG, Genlin; CHEN, Liwei; ZHOU, Qianyun; DANG, Yanyan

(74) Cotters Patent & Trade Mark Attorneys

(71) South China University Of Technology; Zhuhai Institute of Modern Industrial Innovation, South China University of Technology

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(21) 2020101229 (22) 02.07.2020

(54) A Text Line Recognition Method in Chinese Scenes Based on Residual Convolutional and Recurrent Neural Networks

(51) Int. Cl.

G06K 9/46 ( 2006.01 )

G06N 3/08 ( 2006.01 )

G06T 7/143 ( 2017.01 )

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(74) WRAYS PTY LTD

(71) Southwest Jiaotong University

(11) AU-A-2020101111

(21) 2020101111 (22) 24.06.2020

(54) CANTILEVER TRUSS SUPPORTED RESILIENT FLEXIBLE PROTECTIVE SHED TUNNEL

(51) Int. Cl.

E01F 7/04 ( 2006.01 )

E04B 7/00 ( 2006.01 )

(31) 201910555093.7 (32) 25.06.19 (33) CN

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 (11) AU-A-2020101201  
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 (54) Clothes Tag  
 (51) Int. Cl.  
**G08B 13/24** ( 2006.01 )  
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 (51) Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
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**B62B 5/06** ( 2006.01 )

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 (74) ALAN JOHN THOMAS

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**C02F 1/461** ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.

(71) Tobacco Research Institute of Chinese Academy of Agricultural Sciences  
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V RAVI, R. see ANGURAJ, D.K.  
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Innovation Patents Open to Public Inspection - Name Index cont'd

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Numerical Index

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<b>2017101883</b>	Shenzhen Institutes of Advanced Technology	<b>2020101226</b>	Henan Agricultural University; BOEN Solar Technology Co., Ltd.
<b>2019101532</b>	Zhejiang Jinyatai Leisure Products Co.,Ltd.	<b>2020101227</b>	Beihang University
<b>2020100579</b>	Institute of Cotton Research of the Chinese Academy of Agricultural Sciences	<b>2020101228</b>	Allen, D.
<b>2020100956</b>	Byrnes, R.	<b>2020101229</b>	South China University Of Technology; Zhuhai Institute of Modern Industrial Innovation, South China University of Technology
<b>2020100979</b>	PakPot Pty Ltd	<b>2020101230</b>	Beihang University
<b>2020101010</b>	Beijing TeamRun Technology Development Co.,Ltd	<b>2020101231</b>	Dirty Boy Decking Pty Ltd
<b>2020101074</b>	Shihezi University	<b>2020101232</b>	Chongqing Academy of Chinese Materia Medica
<b>2020101101</b>	Tongji University	<b>2020101234</b>	Hunan University of Science and Technology
<b>2020101104</b>	CLEAN BARROW PTY	<b>2020101235</b>	Fortescue Metals Group Ltd
<b>2020101111</b>	Southwest Jiaotong University	<b>2020101236</b>	Jafari, M.
<b>2020101114</b>	Finhaus Ltd	<b>2020101237</b>	Southwest University
<b>2020101123</b>	Huaiyin Institute of Technology	<b>2020101238</b>	Agricultural Information Institute of CAAS
<b>2020101126</b>	Hunan Jiapin Jiawei Biotechnology Co., LTD	<b>2020101240</b>	Guangxi Veterinary Research Institute; Guangxi State Farms Yongxin Animal Husbandry Group Jinguang Co., LTD
<b>2020101127</b>	Anhui University of Science and Technology	<b>2020101241</b>	GUANGDONG OCEAN UNIVERSITY
<b>2020101132</b>	Guilin Univ. Electr. Technol.; YUAN, L.	<b>2020101242</b>	Yangzhou Xianglong Industry Development Co., LTD; Jiangsu Institute of Poultry Science
<b>2020101141</b>	Eggins, T.	<b>2020101243</b>	Whelan, G.
<b>2020101144</b>	Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences		
<b>2020101158</b>	The Institute of Geology and Geophysics		
<b>2020101166</b>	Jebbink, D.; Morris, D.		
<b>2020101173</b>	Patan, R.; Mohamed, M.Y.N.; Abbas, M.; Kallam, S.; Sekaran, R.		
<b>2020101179</b>	Nankai University; China Environmental Energy Group Co., Limited		
<b>2020101182</b>	Lynch Group Australia Pty Ltd		
<b>2020101186</b>	Tobacco Research Institute of Chinese Academy of Agricultural Sciences		
<b>2020101188</b>	KINGFA SCI TECH CO LTD		
<b>2020101192</b>	NOY PTY LTD		
<b>2020101193</b>	ENVENG PTY LTD		
<b>2020101194</b>	Tongji University		
<b>2020101195</b>	Guilin Univ. Electr. Technol.; YUAN, L.		
<b>2020101196</b>	Hunan University of Science and Technology		
<b>2020101197</b>	Quzhou University		
<b>2020101198</b>	GUIZHOU UNIVERSITY		
<b>2020101199</b>	Zhang, Y.		
<b>2020101200</b>	Central South University of Forestry and Technology; Hunan Meilin Dwelling Industry Co., Ltd		
<b>2020101201</b>	Sunvan (Shanghai) Electronics Technology Co., Ltd.		
<b>2020101202</b>	Jiangsu Institute of Poultry Science; YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.		
<b>2020101203</b>	Duncan, D.		
<b>2020101204</b>	Dongguan University Of Technology		
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<b>2020101207</b>	ANKAme Pty Ltd		
<b>2020101208</b>	Health Beacon Limited		
<b>2020101209</b>	Top Intellectual Property Pty Ltd		
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<b>2020101213</b>	KINGFA SCI TECH CO LTD		
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<b>2020101215</b>	HAIER US APPLIANCE SOLUTIONS, INC.		
<b>2020101216</b>	Anhui Yifei Machinery Co., Ltd.		
<b>2020101217</b>	THOMAS, A.		
<b>2020101218</b>	North China Electric Power University; State Grid Electric Vehicle Service Co., Ltd.		
<b>2020101220</b>	WHOLESALE GROUP INTERNATIONAL PTY. LTD.		
<b>2020101221</b>	Kakoschke, K.		

IPC Index

<b><u>A01K 1 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>E02D 5 /-</u></b>	<b><u>F26B 21 /-</u></b>
2020101242	2020101220	2020100979	2020101223	2020101166	2020101226
<b><u>A01K 31 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>F26B 25 /-</u></b>
2020101242	2020101225	2020101197	2020101179	2020101194 2020101200	2020101199
<b><u>A01K 67 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B29C 67 /-</u></b>	<b><u>C04B 38 /-</u></b>	<b><u>E04B 7 /-</u></b>	<b><u>F26B 3 /-</u></b>
2020101232	2020101220	2020101197	2020101179	2020101111	2020101126 2020101226
<b><u>A01M 7 /-</u></b>	<b><u>A63B 5 /-</u></b>	<b><u>B33Y 70 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>E04C 3 /-</u></b>	<b><u>F26B 9 /-</u></b>
2020101186	2019101532	2020101197	2020101144	2020101194	2020101226
<b><u>A23L 2 /-</u></b>	<b><u>B01D 29 /-</u></b>	<b><u>B41K 1 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>E04C 5 /-</u></b>	<b><u>F42B 1 /-</u></b>
2020101126	2020101215	2020101221	2020101144	2016102444	2020101127
<b><u>A23L 21 /-</u></b>	<b><u>B01D 35 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>E04D 13 /-</u></b>	<b><u>F42B 4 /-</u></b>
2020101198	2020101215	2020101216	2020101188	2020101209	2020101192
<b><u>A23L 27 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B62B 1 /-</u></b>	<b><u>C08L 25 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>G01B 3 /-</u></b>
2020101126	2020101126	2020101104	2020101213	2020101231	2020101182
<b><u>A23L 5 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>B62B 5 /-</u></b>	<b><u>C08L 33 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>G01H 9 /-</u></b>
2020101126	2020101199	2020101104 2020101217	2020101213	2016102444	2020101196
<b><u>A61B 17 /-</u></b>	<b><u>B02C 18 /-</u></b>	<b><u>B65C 3 /-</u></b>	<b><u>C08L 51 /-</u></b>	<b><u>E04H 1 /-</u></b>	<b><u>G01J 3 /-</u></b>
2020101205	2020101193	2020100979	2020101213	2020101200	2020101202
<b><u>A61B 5 /-</u></b>	<b><u>B02C 4 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>C08L 9 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>G01L 9 /-</u></b>
2020101205 2020101208 2020101210	2020101199	2020100979	2020101188 2020101213	2020101216	2017101883
<b><u>A61K 31 /-</u></b>	<b><u>B03C 1 /-</u></b>	<b><u>B65D 59 /-</u></b>	<b><u>C09K 21 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>G01N 1 /-</u></b>
2020101205	2020101235	2016102444	2020101188	2020101141	2020101101
2020101220 2020101225	<b><u>B05B 9 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>E05B 69 /-</u></b>	<b><u>G01N 21 /-</u></b>
2020101220	2020101186	2020101104	2020100579	2020101201	2020101132 2020101144
<b><u>A61K 33 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>E05B 73 /-</u></b>	<b><u>G01N 23 /-</u></b>
2020101220	2020101104	2020101104	2020100579	2020101201	2020101158
<b><u>A61K 47 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>E06C 7 /-</u></b>	<b><u>G01N 25 /-</u></b>
2020101225	2020101193	2020101074	2020101240	2020101207	2020101234
<b><u>A61L 101 /-</u></b>	<b><u>B23K 20 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>D05C 15 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>G01N 33 /-</u></b>
2020101242	2020101206	2020101212	2020101010	2020101236	2020101144
<b><u>A61L 9 /-</u></b>	<b><u>B24C 3 /-</u></b>	<b><u>C02F 9 /-</u></b>	<b><u>D06F 55 /-</u></b>	<b><u>F03D 5 /-</u></b>	<b><u>G01P 3 /-</u></b>
2020101242	2020101123	2020101212	2020101228	2020101236	2020101230
<b><u>A61M 39 /-</u></b>	<b><u>B25D 1 /-</u></b>	<b><u>C04B 111 /-</u></b>	<b><u>E01C 13 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>G01S 19 /-</u></b>
2020101203	2020101141	2020101223	2020101010	2020101236	2020101204
<b><u>A61P 25 /-</u></b>	<b><u>B29B 17 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>E01F 7 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>G01S 5 /-</u></b>
2020101220	2020101193	2020101223	2020101111	2020101104	2020101204

Innovation Patents Open to Public Inspection - IPC Index cont'd

<b><u>G01V 5 /-</u></b>	<b><u>G16Y 30 /-</u></b>
2020101158	2020101211
<b><u>G01W 1 /-</u></b>	<b><u>H01G 11 /-</u></b>
2020101241	2020101074
<b><u>G02B 3 /-</u></b>	<b><u>H01Q 9 /-</u></b>
2020101243	2020101214
<b><u>G02B 6 /-</u></b>	<b><u>H01S 3 /-</u></b>
2020101132	2020101132
2020101195	<b><u>H02J 3 /-</u></b>
<b><u>G05B 13 /-</u></b>	2020101218
2020101218	<b><u>H02K 1 /-</u></b>
<b><u>G06F 17 /-</u></b>	2020101227
2020101237	<b><u>H02K 9 /-</u></b>
<b><u>G06F 30 /-</u></b>	2020101227
2020101234	<b><u>H02P 7 /-</u></b>
2020101237	2020101227
<b><u>G06K 9 /-</u></b>	<b><u>H04Q 9 /-</u></b>
2020101210	2020101173
2020101229	
<b><u>G06N 3 /-</u></b>	<b><u>H04W 4 /-</u></b>
2020101229	2020101173
<b><u>G06Q 10 /-</u></b>	<b><u>No IPC Mark</u></b>
2020101211	
<b><u>G06Q 30 /-</u></b>	
2020101238	
<b><u>G06Q 40 /-</u></b>	
2020101114	
<b><u>G06Q 50 /-</u></b>	
2016102445	
2020100956	
<b><u>G06T 7 /-</u></b>	
2020101210	
2020101229	
<b><u>G08B 13 /-</u></b>	
2020101201	
<b><u>G08B 7 /-</u></b>	
2020101243	
<b><u>G16H 10 /-</u></b>	
2020101208	

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Name Index

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     *C07D 277/20* ( 2006.01 )  
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     *A61K 31/496* ( 2006.01 )  
     *A61P 25/00* ( 2006.01 )  
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**A01N 43/54** ( 2006.01 )  
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**C07K 14/54** ( 2006.01 )  
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**A61K 9/08** ( 2006.01 )  
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 (51) Int. Cl.  
 C07D 487/04 (2006.01)  
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 C07D 401/12 (2006.01)  
 A61K 31/4353 (2006.01)  
 A61P 37/00 (2006.01)  
 C07D 209/12 (2006.01)  
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 C07D 401/14 (2006.01)  
 A61K 31/437 (2006.01)  
 A61P 37/00 (2006.01)  
 C07D 401/04 (2006.01)  
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 (54) Amide substituted indole compounds useful as TLR inhibitors  
 (51) Int. Cl.  
 C07D 401/14 (2006.01)  
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**(54)** Devices, systems, and methods for non-invasive chronic pain therapy  
**(51)** Int. Cl.  
**A61N 2/02** ( 2006.01 )  
**A61N 2/04** ( 2006.01 )  
**(87)** WO2019/126792  
**(31)** 62/609,330 **(32)** 21.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** SHUKLA, Shiv  
**(74)** LAMINAR IP PTY LTD
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- (71)** Niiura Scales Co., Ltd.  
**(11)** AU-A-2018396514  
**(21)** 2018396514 **(22)** 26.12.2018  
**(54)** Umbrella bag bundle, umbrella bag bundle holding structure, and bag-opening device  
**(51)** Int. Cl.  
**A45B 25/24** ( 2006.01 )  
**B65B 67/12** ( 2006.01 )  
**(87)** WO2019/131714  
**(31)** 2017-248896 **(32)** 26.12.17 **(33)** JP  
**(43)** 04.07.2019  
**(72)** HIBINO, Maho  
**(74)** FB Rice Pty Ltd
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- (71)** Nippon Steel Corporation  
**(11)** AU-A-2018416187  
**(21)** 2018416187 **(22)** 28.03.2018  
**(54)** Method for manufacturing flux-cored wire, flux-cored wire and method for manufacturing welded joint  
**(51)** Int. Cl.  
**B23K 35/40** ( 2006.01 )  
**B23K 35/368** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )  
**C22C 38/04** ( 2006.01 )  
**(87)** WO2019/186811  
**(43)** 03.10.2019  
**(72)** HASHIBA, Yuji; SASAKI, Kiyohito; SAKABAYASHI, Naoki; TORIYABE, Masaaki  
**(74)** Spruson & Ferguson
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- (71)** Nippon Steel Corporation  
**(11)** AU-A-2019251876  
**(21)** 2019251876 **(22)** 22.03.2019  
**(54)** Steel pipe and method for producing steel pipe  
**(51)** Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**C21D 8/10** ( 2006.01 )  
**C21D 9/08** ( 2006.01 )  
**C22C 38/54** ( 2006.01 )  
**(87)** WO2019/198459  
**(31)** 2018-075058 **(32)** 09.04.18 **(33)** JP
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- (43)** 17.10.2019  
**(72)** ARAI, Yuji; YOSHIDA, Shinji; SOMA, Atsushi; KAMITANI, Hiroki  
**(74)** FB Rice Pty Ltd
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- (71)** Normee Limited  
**(11)** AU-A-2018394177  
**(21)** 2018394177 **(22)** 27.12.2018  
**(54)** Personal authentication method and personal authentication device  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2019/131858  
**(31)** 2018-153066 **(32)** 16.08.18 **(33)** JP  
2017-254506 28.12.17 JP  
**(43)** 04.07.2019  
**(72)** IWATA, Eizaburo; IWAKI, Yasuharu  
**(74)** FB Rice Pty Ltd
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- (71)** Northern Trust Corporation  
**(11)** AU-A-2017444205  
**(21)** 2017444205 **(22)** 19.12.2017  
**(54)** Systems and methods for generating and maintaining immutable digital meeting records within distributed network nodes  
**(51)** Int. Cl.  
**G06F 15/16** ( 2006.01 )  
**(87)** WO2019/125400  
**(31)** 15/846,059 **(32)** 18.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** CZUPEK, Andrew; MONKS, Andrew; STEVENS, Anthony; DAS, Arijit; CHAPMAN, Justin; HANNAWAY, Wayne; SMITH, Zabrina  
**(74)** Dentons Patent Attorneys Australasia Limited
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- (71)** Nova Chemicals (International) S.A.  
**(11)** AU-A-2019208519  
**(21)** 2019208519 **(22)** 17.01.2019  
**(54)** ODH complex with on-line mixer unit and feed line cleaning  
**(51)** Int. Cl.  
**C07C 5/42** ( 2006.01 )  
**B01F 3/02** ( 2006.01 )  
**B01F 5/00** ( 2006.01 )  
**B01J 4/00** ( 2006.01 )  
**B08B 9/032** ( 2006.01 )  
**C10G 11/04** ( 2006.01 )  
**C10G 27/04** ( 2006.01 )  
**C10G 70/00** ( 2006.01 )  
**C10G 75/00** ( 2006.01 )  
**(87)** WO2019/142130  
**(31)** 2992255 **(32)** 18.01.18 **(33)** CA  
**(43)** 25.07.2019  
**(72)** SIMANZHENKOV, Vasily; GOODARZNIYA, Shahin; ORTA, Cristina; SERHAL, Kamal; CLAVELLE, Eric; KOSELEK, Michael; KIM, Yoonhee  
**(74)** Griffith Hack
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- (71)** Novozymes BioAg A/S  
**(11)** AU-A-2019217608  
**(21)** 2019217608 **(22)** 06.02.2019  
**(54)** Methods of protecting a plant from fungal pests  
**(51)** Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- A01N 37/46** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C12N 9/00** ( 2006.01 )  
**(87)** WO2019/157061  
**(31)** 62/626,940 **(32)** 06.02.18 **(33)** US  
**(43)** 15.08.2019  
**(72)** INCH, Sharon; HOFF, Tine; FRODYMA, Michael; MARANTA, Michelle; CHERRY, Barbara  
**(74)** Shelston IP Pty Ltd
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- (71)** Novumcella Inc.  
**(11)** AU-A-2019211646  
**(21)** 2019211646 **(22)** 23.01.2019  
**(54)** Composition for skin diseases treatment use  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/366** ( 2006.01 )  
**A61K 31/565** ( 2006.01 )  
**A61K 35/545** ( 2015.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/46** ( 2006.01 )  
**A61P 5/30** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 17/14** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07K 14/575** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
**(87)** WO2019/146612  
**(31)** 2018-008703 **(32)** 23.01.18 **(33)** JP  
**(43)** 01.08.2019  
**(72)** Ii, Masaaki  
**(74)** FB Rice Pty Ltd
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- (71)** Nutrae, LLC  
**(11)** AU-A-2019206649  
**(21)** 2019206649 **(22)** 11.01.2019  
**(54)** Encapsulated cannabinoid formulations for transdermal delivery  
**(51)** Int. Cl.  
**A61K 9/70** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**(87)** WO2019/140321  
**(31)** 62/617,003 **(32)** 12.01.18 **(33)** US  
**(43)** 18.07.2019  
**(72)** WITOWSKI, Phd, Christopher G.; SALM, Phd, Jacqueline L.  
**(74)** Spruson & Ferguson
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- (71)** Nutrae, LLC  
**(11)** AU-A-2019206651  
**(21)** 2019206651 **(22)** 11.01.2019  
**(54)** Encapsulated cannabinoid formulations for oral delivery  
**(51)** Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**(87)** WO2019/140323  
**(31)** 62/617,003 **(32)** 12.01.18 **(33)** US  
**(43)** 18.07.2019  
**(72)** SALM, Jacqueline I.; WITOWSKI, Christopher G.  
**(74)** Spruson & Ferguson
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- (71)** Nuvera Fuel Cells, LLC  
**(11)** AU-A-2019209492  
**(21)** 2019209492 **(22)** 17.01.2019  
**(54)** Electrochemical cells with improved fluid flow design  
**(51)** Int. Cl.  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/0232** ( 2016.01 )  
**H01M 8/0258** ( 2016.01 )  
**H01M 8/2483** ( 2016.01 )  
**(87)** WO2019/143792  
**(31)** 62/618,225 **(32)** 17.01.18 **(33)** US  
**(43)** 25.07.2019  
**(72)** GAMBINI, Filippo  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Nuvera Fuel Cells, LLC  
**(11)** AU-A-2019209552  
**(21)** 2019209552 **(22)** 17.01.2019  
**(54)** PEM fuel cells with improved fluid flow design  
**(51)** Int. Cl.  
**H01M 8/0232** ( 2016.01 )  
**H01M 8/0254** ( 2016.01 )  
**H01M 8/026** ( 2016.01 )  
**H01M 8/0265** ( 2016.01 )  
**H01M 8/0267** ( 2016.01 )  
**H01M 8/1018** ( 2016.01 )  
**H01M 8/2483** ( 2016.01 )  
**(87)** WO2019/143799  
**(31)** 62/618,228 **(32)** 17.01.18 **(33)** US  
**(43)** 25.07.2019  
**(72)** GAMBINI, Filippo; BLANCHET, Scott; POLEVAYA, Olga; DOMIT, Edward; BAUGHER, Andrew  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Nuvera Fuel Cells, LLC  
**(11)** AU-A-2019209555  
**(21)** 2019209555 **(22)** 17.01.2019  
**(54)** Cathode flow field distribution for fuel cell stacks  
**(51)** Int. Cl.  
**H01M 8/0228** ( 2016.01 )  
**H01M 8/0258** ( 2016.01 )  
**H01M 8/0232** ( 2016.01 )  
**H01M 8/1018** ( 2016.01 )  
**H01M 8/241** ( 2016.01 )  
**(87)** WO2019/143811  
**(31)** 62/618,146 **(32)** 17.01.18 **(33)** US  
**(32)** 17.01.18 US  
**(43)** 25.07.2019  
**(72)** GAMBINI, Filippo; BLANCHET, Scott; POLEVAYA, Olga; DOMIT, Edward; BAUGHER, Andrew; BURAND, Patrick  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Nuvera Fuel Cells, LLC  
**(11)** AU-A-2019209813  
**(21)** 2019209813 **(22)** 17.01.2019  
**(54)** Electrochemical cells with improved fluid flow design  
**(51)** Int. Cl.  
**H01M 8/0228** ( 2016.01 )  
**H01M 8/0245** ( 2016.01 )  
**H01M 8/0258** ( 2016.01 )
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- H01M 8/0265** ( 2016.01 )  
**H01M 8/2483** ( 2016.01 )  
**(87)** WO2019/143771  
**(31)** 62/618,221 **(32)** 17.01.18 **(33)** US  
**(43)** 25.07.2019  
**(72)** GAMBINI, Filippo; BLANCHET, Scott  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Nuvera Fuel Cells, LLC  
**(11)** AU-A-2019209836  
**(21)** 2019209836 **(22)** 17.01.2019  
**(54)** Fuel-cell plate and flow structure designs  
**(51)** Int. Cl.  
**H01M 8/0232** ( 2016.01 )  
**(87)** WO2019/143781  
**(31)** 62/618,223 **(32)** 17.01.18 **(33)** US  
**(43)** 25.07.2019  
**(72)** GAMBINI, Filippo; BURAND, Patrick; DOMIT, Edward; BAUGHER, Andrew  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Oleon NV  
**(11)** AU-A-2018396059  
**(21)** 2018396059 **(22)** 26.12.2018  
**(54)** Composition useful as friction modifier  
**(51)** Int. Cl.  
**C10M 169/04** ( 2006.01 )  
**C10L 1/22** ( 2006.01 )  
**C10L 1/224** ( 2006.01 )  
**C10M 133/08** ( 2006.01 )  
**(87)** WO2019/129793  
**(31)** 17210718.7 **(32)** 27.12.17 **(33)** EP  
**(43)** 04.07.2019  
**(72)** YAVARI, Keihann; VAN HECKE, Lieven; CULLEY, Scott A.; SHANAHAN, Charles; NUCKOLS, Michel  
**(74)** Griffith Hack
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- (71)** OP-T LLC  
**(11)** AU-A-2019205328  
**(21)** 2019205328 **(22)** 04.01.2019  
**(54)** Therapeutic peptides and methods for treating autoimmune related disease  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**A61K 38/03** ( 2006.01 )  
**A61K 38/07** ( 2006.01 )  
**A61K 38/08** ( 2019.01 )  
**A61K 38/10** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**(87)** WO2019/136307  
**(31)** 16/184,129 **(32)** 08.11.18 **(33)** US  
**(32)** 05.01.18 US  
**(43)** 11.07.2019  
**(72)** WAGNER JR., David Hal; YUSSMAN, Martin Glenn; HENRY, Charles W.  
**(74)** AJ PARK
- 
- (71)** Orig3n, Inc.  
**(11)** AU-A-2018390293  
**(21)** 2018390293 **(22)** 31.05.2018  
**(54)** Systems and methods for filtering social media interactions and online content based on personal genetic profiles  
**(51)** Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- G06Q 50/00** ( 2012.01 )  
**(87)** WO2019/125512  
**(31)** 62/607,779      **(32)** 19.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** SMITH, Robin Y.; GLICKSMAN, Marcie A.; FRAZIER, Shadrack Cgar  
**(74)** Spruson & Ferguson
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- (71)** Osaka University; Nippon Zoki Pharmaceutical Co., Ltd.  
**(11)** AU-A-2018390261  
**(21)** 2018390261      **(22)** 20.12.2018  
**(54)** Agent for treatment of nervous system disease  
**(51)** Int. Cl.  
*C07D 487/22* ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/714** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2019/124483  
**(31)** 2018-156503      **(32)** 23.08.18 **(33)** JP  
 2017-245133      21.12.17      JP  
**(43)** 27.06.2019  
**(72)** TANAKA, Hiroyuki; YOSHIKAWA, Hideki; MOCHIZUKI, Hideki; MURASE, Tsuyoshi; SASAKI, Tsutomu; BABA, Kousuke; IWAHASHI, Toru; NAIKI, Mitsuru  
**(74)** Griffith Hack
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- (71)** Outotec (Finland) Oy  
**(11)** AU-A-2018405394  
**(21)** 2018405394      **(22)** 23.01.2018  
**(54)** Flotation line  
**(51)** Int. Cl.  
**B03D 1/14** ( 2006.01 )  
**B03D 1/02** ( 2006.01 )  
**B03D 1/16** ( 2006.01 )  
**B03D 1/24** ( 2006.01 )  
**B03D 103/02** ( 2006.01 )  
**(87)** WO2019/145591  
**(43)** 01.08.2019  
**(72)** SHERRELL, Ian; JAIN, Riddhika; LIBER-ATO, Reginaldo  
**(74)** Griffith Hack
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- (71)** P.V. Flood Control Corp.  
**(11)** AU-A-2019213580  
**(21)** 2019213580      **(22)** 24.01.2019  
**(54)** Structure supported containment dike  
**(51)** Int. Cl.  
**E02B 3/10** ( 2006.01 )  
**E01F 15/08** ( 2006.01 )  
**E02B 3/04** ( 2006.01 )  
**E02B 7/06** ( 2006.01 )  
**E02B 7/10** ( 2006.01 )  
**(87)** WO2019/152254  
**(31)** 15/885,689      **(32)** 31.01.18 **(33)** US  
**(43)** 08.08.2019  
**(72)** VICKERS, Paul  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Paptic Oy  
**(11)** AU-A-2018398970  
**(21)** 2018398970      **(22)** 31.12.2018  
**(54)** Method of producing a fibrous product and a fibrous product  
**(51)** Int. Cl.  
**B32B 7/12** ( 2006.01 )  
**B32B 5/18** ( 2006.01 )  
**B32B 5/24** ( 2006.01 )  
**B32B 5/32** ( 2006.01 )  
**B32B 25/02** ( 2006.01 )  
**B32B 25/04** ( 2006.01 )  
**B32B 25/14** ( 2006.01 )  
**B32B 29/00** ( 2006.01 )  
**(87)** WO2019/129934  
**(31)** 20176206      **(32)** 31.12.17 **(33)** FI  
**(43)** 04.07.2019  
**(72)** KINNUNEN-RAUDASKOSKI, Karita; JUVONEN, Marja; TORNIAINEN, Esa; HÄGGBLÖM, Martin; MUSTONEN, Tuomas  
**(74)** FB Rice Pty Ltd
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- (71)** Perfetti Van Melle S.p.A.  
**(11)** AU-A-2019227258  
**(21)** 2019227258      **(22)** 27.02.2019  
**(54)** Process for the preparation of a confectionery product and the product obtained  
**(51)** Int. Cl.  
**A23G 3/34** ( 2006.01 )  
**A23G 3/40** ( 2006.01 )  
**A23G 3/42** ( 2006.01 )  
**A23G 3/46** ( 2006.01 )  
**A23G 3/50** ( 2006.01 )  
**(87)** WO2019/166963  
**(31)** 10201800003121      **(32)** 28.02.18 **(33)** IT  
**(43)** 06.09.2019  
**(72)** BOTTINI, Alessandro; LIN, Zhiqi; RUGGERI, Alessandro; MARINI, Mauro; CAPPELLETTI, Claudia; ALTAMIRANO RIOS, Ana Veronica  
**(74)** Lord & Company
- 
- (71)** Permutive Limited  
**(11)** AU-A-2018387423  
**(21)** 2018387423      **(22)** 21.12.2018  
**(54)** System for fast and secure content provision  
**(51)** Int. Cl.  
**G06F 16/958** ( 2019.01 )  
**(87)** WO2019/122917  
**(31)** 15/852,220      **(32)** 22.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** SPRATT, Tim; ROOT, Joe  
**(74)** FB Rice Pty Ltd
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- (71)** Pharnext  
**(11)** AU-A-2019211135  
**(21)** 2019211135      **(22)** 28.01.2019  
**(54)** Baclofen and acamprosate based therapy of alzheimer's disease in patients having lost responsiveness to acetylcholinesterase inhibitor therapy  
**(51)** Int. Cl.  
**A61K 31/185** ( 2006.01 )  
**A61K 31/197** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )
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- A61K 45/06** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2019/145523  
**(31)** 18305081.4      **(32)** 29.01.18 **(33)** EP  
 18184726.0      20.07.18      EP  
**(43)** 01.08.2019  
**(72)** BRUREAU, Anthony; CHOLET, Nathalie; COHEN, Daniel; HAJJ, Rodolphe; NABIROCHKIN, Serguei  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Philogen S.p.A  
**(11)** AU-A-2018392741  
**(21)** 2018392741      **(22)** 19.12.2018  
**(54)** Antibodies to tumour antigens  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/122025  
**(31)** 17208671.2      **(32)** 19.12.17 **(33)** EP  
**(43)** 27.06.2019  
**(72)** GUALANDI, Laura; WULHFARD, Sarah; PRETTO, Francesca; PEMBERTON-ROSS, Catherine; VILLA, Alessandra; DE LUCA, Roberto  
**(74)** FB Rice Pty Ltd
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- (71)** Polymem  
**(11)** AU-A-2019207936  
**(21)** 2019207936      **(22)** 14.01.2019  
**(54)** Water filtration module incorporating hollow-fibre filtration elements  
**(51)** Int. Cl.  
**B01D 63/04** ( 2006.01 )  
**B01D 61/18** ( 2006.01 )  
**B01D 63/02** ( 2006.01 )  
**B01D 65/08** ( 2006.01 )  
**(87)** WO2019/138198  
**(31)** 1850282      **(32)** 15.01.18 **(33)** FR  
**(43)** 18.07.2019  
**(72)** ESPENAN, Jean-Michel; SAUX, Franc; SANTALO, Patrick  
**(74)** Griffith Hack
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- (71)** Productos Agrovin, S.A.  
**(11)** AU-A-2019258976  
**(21)** 2019258976      **(22)** 16.05.2019  
**(54)** Method for pumping over the grape harvest during maceration and means for pumping over a grape harvest  
**(51)** Int. Cl.  
**C12G 1/032** ( 2006.01 )  
**(87)** WO2019/207197  
**(31)** P201830476      **(32)** 18.05.18 **(33)** ES  
**(43)** 31.10.2019  
**(72)** MANZANERO FERNÁNDEZ, Irene; INIESTA ORTIZ, Juan Alberto; JURADO FUENTES, Ricardo  
**(74)** Spruson & Ferguson
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- (71)** Profeat Biotechnology Co., Ltd.  
**(11)** AU-A-2018454589  
**(21)** 2018454589      **(22)** 20.12.2018  
**(54)** COMPOSITION COMPRISING FERROUS AMINO ACID PARTICLES AND METHOD FOR TREATING OR AMELI-

PCT applications which have entered the National Phase - Name Index cont'd

- ORATING PANCREAS-RELATED DIS-  
EASE USING THE SAME  
(51) Int. Cl.  
**A61K 31/295** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(87) WO2020/124495  
(43) 25.06.2020  
(72) LIN, Tsun-Yuan; CHEN, Mu-Kuei; CHEN,  
Tsang-Tse; JAN, Hsun-Jin; FU, Chai-Hui;  
WANG, Kai-Ting  
(74) Madderns Pty Ltd
- 
- (71) Qilu University of Technology  
(11) AU-A-2020204574  
(21) 2020204574 (22) 09.01.2020  
(54) B.licheniformis engineering bacteria for  
inhibiting bacterial autolysis, construction  
method and application thereof  
(51) Int. Cl.  
**C12N 1/00** ( 2006.01 )  
(87) WO2020/143708  
(31) 201910028712.7 (32) 11.01.19 (33) CN  
(43) 16.07.2020  
(72) XIAO, Jing; LI, Ziyuan; WANG, Junqing  
(74) Shelston IP Pty Ltd.
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- (71) Qingdao Haier Refrigerator Co., Ltd.; Haier  
Smart Home Co., Ltd.; Haier US Appliance  
Solutions, Inc.  
(11) AU-A-2018409162  
(21) 2018409162 (22) 10.07.2018  
(54) Ice making assembly coupling  
(51) Int. Cl.  
**F25C 5/02** ( 2006.01 )  
**F25C 5/18** ( 2018.01 )  
**F25D 11/02** ( 2006.01 )  
(87) WO2019/157794  
(31) 15/898,261 (32) 16.02.18 (33) US  
(43) 22.08.2019  
(72) MITCHELL, Alan  
(74) Shelston IP Pty Ltd.
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- (71) QMaxx Products Group, Inc.  
(11) AU-A-2019210042  
(21) 2019210042 (22) 18.01.2019  
(54) Metal cleaning compositions comprising  
furoate esters and uses therefor  
(51) Int. Cl.  
**F01P 11/06** ( 2006.01 )  
**C10M 129/02** ( 2006.01 )  
**C10M 129/68** ( 2006.01 )  
**C11D 7/26** ( 2006.01 )  
(87) WO2019/143893  
(31) 62/619,600 (32) 19.01.18 (33) US  
(43) 25.07.2019  
(72) FATIGATI, Michael; FARONE, William;  
RIVERA, Rocio; HAUPT, Dawnell; MC-  
CREERY, David; WHIPPLE, Devin  
(74) Griffith Hack
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- (71) QRS Music Technologies, Inc.  
(11) AU-A-2019207800  
(21) 2019207800 (22) 10.01.2019  
(54) Musical activity system  
(51) Int. Cl.
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- G10H 1/00** ( 2006.01 )  
**G10G 1/00** ( 2006.01 )  
(87) WO2019/140106  
(31) 62/615,719 (32) 10.01.18 (33) US  
(43) 18.07.2019  
(72) DOLAN, Thomas A.; COOK, Jarrod;  
YOST, Aaron; SHIREY, Daniel; WELCH,  
Parker  
(74) Spruson & Ferguson
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- (71) Qualcomm Incorporated  
(11) AU-A-2019217635  
(21) 2019217635 (22) 06.02.2019  
(54) SSB multiplexing and RMSI monitoring in  
NR-U  
(51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
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**A47J 31/36** ( 2006.01 )
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**F16L 55/46** ( 2006.01 )
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**B01D 15/22** ( 2006.01 )  
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**C07K 1/14** ( 2006.01 )  
**G01N 30/60** ( 2006.01 )  
**C40B 60/14** ( 2006.01 )
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- (51) Int. Cl.  
**E04H 4/12** ( 2006.01 )  
**F04D 15/00** ( 2006.01 )  
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- (87) WO2019/160894
- (31) 62/629,921 (32) 13.02.18 (33) US  
(43) 22.08.2019
- (72) GOLDMAN, David
- (74) FB Rice Pty Ltd
- 
- (71) ZTE Corporation
- (11) AU-A-2018402576
- (21) 2018402576 (22) 16.01.2018
- (54) System and method for performing a random access procedure
- (51) Int. Cl.  
**H04W 74/08** ( 2009.01 )
- (87) WO2019/140546
- (43) 25.07.2019
- (72) SHA, Xiubin; DAI, Bo; LU, Ting; LIU, Xu
- (74) Spruson & Ferguson
- 
- (71) ZTE Corporation
- (11) AU-A-2019206672
- (21) 2019206672 (22) 12.01.2019
- (54) Efficient signaling based on associations of configuration parameters
- (51) Int. Cl.  
**H04W 74/00** ( 2009.01 )  
**H04W 24/08** ( 2009.01 )  
**H04W 56/00** ( 2009.01 )  
**H04W 72/02** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )
- (87) WO2019/140344
- (31) 62/617,073 (32) 12.01.18 (33) US  
(43) 18.07.2019
- (72) SVEDMAN, Patrick
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Numerical Index

<b>2017443403</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018392972</b>	Air Hull Group Limited
<b>2017444205</b>	Northern Trust Corporation	<b>2018393002</b>	LISNR, Inc.
<b>2017444350</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018393003</b>	Bristol-Myers Squibb Company
<b>2017444445</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018393093</b>	Board of Regents, The University of Texas System
<b>2017445026</b>	Kraft Foods Group Brands LLC	<b>2018394164</b>	Institut Gustave Roussy
<b>2017445362</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018394177</b>	Normee Limited
<b>2017445532</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018394423</b>	Virility Medical Ltd.
<b>2018380772</b>	LG Electronics Inc.	<b>2018394796</b>	Guangzhou Xaircraft Technology Co., Ltd.
<b>2018380774</b>	LG Electronics Inc.	<b>2018395397</b>	Gritstone Oncology, Inc.
<b>2018381290</b>	Lyvgen Biopharma Co., Ltd.	<b>2018395956</b>	Kollinger, M.
<b>2018383004</b>	Fluida Respi NV	<b>2018396059</b>	Oleon NV
<b>2018383875</b>	Kuse, K.; Savarese, S.	<b>2018396151</b>	Jones, M.
<b>2018384770</b>	Central China Normal University	<b>2018396514</b>	Niikura Scales Co., Ltd.
<b>2018385671</b>	Seab Power Limited	<b>2018396964</b>	Nanjing Legend Biotech Co., Ltd.
<b>2018386438</b>	Univercells Technologies S.A.	<b>2018396985</b>	Shanghai Dianba New Energy Technology Co., Ltd.; Aulton New Energy Automotive Technology Group
<b>2018386713</b>	James T. Holdings Pty Ltd	<b>2018397332</b>	CRYONOVE PHARMA
<b>2018386724</b>	Minetek Investments Pty Ltd	<b>2018397701</b>	Klabin S/A
<b>2018386751</b>	CFS Concrete Forming Systems Inc.	<b>2018398881</b>	Gan & Lee Pharmaceuticals
<b>2018387123</b>	Ben's RND Pty Ltd	<b>2018398970</b>	Paptic Oy
<b>2018387258</b>	Universita' Degli Studi di Trento	<b>2018398972</b>	Ledger SAS
<b>2018387316</b>	Termo-ind SA	<b>2018399356</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018387423</b>	Permutive Limited	<b>2018399524</b>	BillionToOne, Inc.
<b>2018387428</b>	KMS Projects Limited	<b>2018399621</b>	Coravin, Inc.
<b>2018387472</b>	Wirebutter Pty Ltd	<b>2018399625</b>	Coravin, Inc.
<b>2018387747</b>	Grünenthal GmbH	<b>2018400822</b>	Davydov, A.
<b>2018387826</b>	SparingVision; INSERM (Institut National de la Santé et de la Recherche Médicale); Sorbonne Université	<b>2018401320</b>	Huawei Technologies Co., Ltd.
<b>2018388327</b>	LG Electronics Inc.	<b>2018401505</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018388381</b>	LG Electronics Inc.	<b>2018402576</b>	ZTE Corporation
<b>2018388488</b>	Multi4 AB	<b>2018402887</b>	The Yokohama Rubber Co., Ltd.
<b>2018388754</b>	LG Electronics Inc.	<b>2018403182</b>	Electronic Caregiver, Inc.
<b>2018388843</b>	Equinor Energy AS	<b>2018404194</b>	Ab Initio Technology LLC
<b>2018389173</b>	Raxit Seals ApS	<b>2018404247</b>	Mitsubishi Electric Corporation
<b>2018389243</b>	The Angiogenesis Foundation	<b>2018404446</b>	The Yokohama Rubber Co., Ltd.
<b>2018389289</b>	Kaefer Isoliertechnik GmbH & Co. KG	<b>2018404690</b>	Xuanzhu (Hainan) Biopharmaceutical Co., Ltd.
<b>2018389324</b>	NeuraLace Medical, Inc.	<b>2018405223</b>	Citrix Systems, Inc.
<b>2018389628</b>	SICPA Holding SA	<b>2018405226</b>	Siemens Mobility, Inc.
<b>2018390261</b>	Osaka University; Nippon Zoki Pharmaceutical Co., Ltd.	<b>2018405279</b>	Hitachi, Ltd.
<b>2018390293</b>	Orig3n, Inc.	<b>2018405394</b>	Outotec (Finland) Oy
<b>2018390444</b>	Merck Patent GmbH	<b>2018407666</b>	Techtronic Cordless GP
<b>2018390498</b>	Connected Kerb Limited	<b>2018408221</b>	Symrise AG
<b>2018390543</b>	Bristol-Myers Squibb Company	<b>2018408707</b>	Techtronic Cordless GP
<b>2018390544</b>	Bristol-Myers Squibb Company	<b>2018409147</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018390590</b>	Mitsui Chemicals, Inc.; National University Corporation University of Toyama	<b>2018409162</b>	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.; Haier US Appliance Solutions, Inc.
<b>2018390610</b>	Bristol-Myers Squibb Company	<b>2018409900</b>	Citrix Systems, Inc.
<b>2018390820</b>	Bristol-Myers Squibb Company	<b>2018410266</b>	Mitsubishi Electric Corporation
<b>2018390987</b>	Tiliter Pty Ltd	<b>2018410665</b>	Electrolux do Brasil S.A.
<b>2018390990</b>	Alyra Biotech Pty Ltd	<b>2018410666</b>	Electrolux do Brasil S.A.
<b>2018390993</b>	RBH Engineering Pty Ltd	<b>2018410668</b>	Electrolux do Brasil S.A.
<b>2018390994</b>	Mirage 3.4D Pty Ltd	<b>2018411065</b>	Electrolux do Brasil S.A.
<b>2018391487</b>	Jassen - Kunststoffzentrum GmbH - Apparatebau, Zuschnitt und Formung	<b>2018411309</b>	Covidien LP
<b>2018391579</b>	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft	<b>2018412069</b>	Electrolux do Brasil S.A.
<b>2018391811</b>	Merck Patent GmbH	<b>2018414535</b>	Acoustic Wave Cell Therapy, Inc.
<b>2018391843</b>	Annoroad Gene Technology (Beijing) Co., Ltd	<b>2018415016</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018392002</b>	Flexible Steel Lacing Company	<b>2018416187</b>	Nippon Steel Corporation
<b>2018392046</b>	Daikin Industries, Ltd.	<b>2018417303</b>	Xiamen Huison Biotech Co.,Ltd.
<b>2018392316</b>	Bristol-Myers Squibb Company	<b>2018427143</b>	Halliburton Energy Services, Inc.
<b>2018392321</b>	Bristol-Myers Squibb Company	<b>2018427836</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018392324</b>	Bristol-Myers Squibb Company	<b>2018454589</b>	Profeat Biotechnology Co., Ltd.
<b>2018392697</b>	Genzyme Corporation	<b>2019203202</b>	Spektacom Technologies Private Limited
<b>2018392741</b>	Philogen S.p.A	<b>2019205090</b>	AC Immune SA
<b>2018392780</b>	Genzyme Corporation	<b>2019205203</b>	Becton, Dickinson and Company
<b>2018392855</b>	Fidelity ADT (Pty) Limited	<b>2019205299</b>	University of Washington
		<b>2019205328</b>	OP-T LLC
		<b>2019205422</b>	H. Lee Moffitt Cancer Center and Research Institute Inc.
		<b>2019205774</b>	University of Utah Research Foundation

PCT applications which have entered the National Phase - Numerical Index cont'd

2019205786	ChemoCentryx, Inc.	2019211256	Virginia Commonwealth University; Fisher, P.; Menezes, M.; Bhoopathi, P.; Das, S.; Emdad, L.; Sarkar, D.; Pradhan, A.; Wang, X.
2019205861	Isofol Medical AB	2019211273	Ranpak Corp.
2019205878	Radwisp Pte. Ltd.; Mediott Co., Ltd.	2019211451	LineVision, Inc.
2019206316	Ieso Digital Health Limited	2019211458	Duke University
2019206468	Brigham Young University	2019211468	Botanix Pharmaceuticals Ltd
2019206569	BWAY Corporation	2019211485	Merck Patent GmbH; Vertex Pharmaceuticals Incorporated
2019206587	ImmunoGen, Inc.	2019211505	AeroVironment, Inc.
2019206645	Tek84 Inc	2019211646	Novumcella Inc.
2019206649	Nutrae, LLC	2019211888	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
2019206651	Nutrae, LLC	2019211959	Citrix Systems, Inc.
2019206672	ZTE Corporation	2019212054	GPCP IP Holdings LLC
2019206712	Light Field Lab, Inc.	2019212097	akvola Technologies GmbH
2019206950	XW Laboratories Inc.	2019212128	NeoMed, Inc.
2019207624	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019212442	Adama Makhteshim, Ltd.
2019207635	H. Lee Moffitt Cancer Center and Research Institute Inc.	2019212443	Grani#, M.
2019207744	Ventus Medical Limited	2019212478	RAPT Therapeutics, Inc.
2019207800	QRS Music Technologies, Inc.	2019212585	Hall, P.; Eriksson, M.
2019207936	Polymem	2019212616	Geomni, Inc.
2019208519	Nova Chemicals (International) S.A.	2019212641	AeroVironment, Inc.
2019208634	Daiichi Sankyo Company, Limited	2019212750	Maximator GmbH
2019208783	FMC Corporation	2019212752	Greyrock Energy, Inc.
2019209210	Netflix, Inc.	2019212911	LifeCell Corporation
2019209289	J.H. Fletcher & Co.	2019213045	The Regents of the University of California
2019209346	Mako Surgical Corp.	2019213201	Instil Bio (UK) Limited
2019209390	EVOBEND GmbH	2019213203	Evonetix Ltd
2019209432	Seattle Children's Hospital (DBA Seattle Children's Research Institute)	2019213290	Aratinga Bio TNP
2019209436	Liquid Biopsy Research LLC	2019213498	GrainSense Oy
2019209469	Crinetics Pharmaceuticals, Inc.	2019213580	P.V. Flood Control Corp.
2019209477	REG Synthetic Fuels, LLC	2019213623	Swedish Biomimetics 3000 Ltd
2019209492	Nuvera Fuel Cells, LLC	2019213772	SYS Technologies Ltd.
2019209552	Nuvera Fuel Cells, LLC	2019213835	TwI Pharmaceuticals, Inc.
2019209555	Nuvera Fuel Cells, LLC	2019214384	Centogene GmbH
2019209725	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2019214493	TCS John Huxley Europe Limited
2019209761	Kongsberg Maritime CM AS	2019214510	Tokamak Energy Ltd
2019209813	Nuvera Fuel Cells, LLC	2019214833	DEME Offshore BE N.V.
2019209835	ESB Labs, Inc.	2019214854	Indiana University Research and Technology Corporation
2019209836	Nuvera Fuel Cells, LLC	2019214872	Heron Therapeutics, Inc.
2019209860	Decon7 Systems, LLC	2019214925	ASSIA SPE, LLC
2019209862	Decon7 Systems, LLC	2019214967	Kazaryan, M.; Pashikyan, L.
2019209863	Decon7 Systems, LLC	2019214969	Life Technologies Corporation
2019209866	Decon7 Systems, LLC	2019215096	Wake Forest University Health Sciences
2019209868	Decon7 Systems, LLC	2019215520	S&C Electric Company
2019209894	Ferton Holding S.A.	2019215598	Merck Patent GmbH
2019209911	Tessenderlo Group NV	2019215688	E2S Power AG
2019209932	Everything Food, Inc.	2019216055	DIO Corporation
2019209997	Rotojar Innovations Limited	2019216129	KoBioLabs, Inc.
2019209998	Rotojar Innovations Limited	2019216223	Imperial Blades
2019210005	4D Pharma Research Limited	2019216277	J.D. Neuhaus Holding GmbH & Co. KG
2019210039	Engineered Corrosion Solutions, LLC	2019216363	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2019210042	QMaxx Products Group, Inc.	2019216747	Cour Pharmaceuticals Development Company Inc.
2019210115	3M Innovative Properties Company	2019216759	Amgen Inc.
2019210168	Thomson, J.	2019216793	Enyo Pharma
2019210189	Janssen Pharmaceuticals, Inc.	2019216878	Mineral Carbonation International Pty Ltd
2019210190	The University of North Carolina at Chapel Hill	2019217320	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.
2019210191	Ecolab USA Inc.	2019217444	ExxonMobil Upstream Research Company
2019210205	Chauvet & Sons, LLC	2019217495	Subsea 7 Norway AS
2019210225	Safe Marine Transfer, LLC	2019217499	Desolenator B.V.
2019210703	Botanix Pharmaceuticals Ltd	2019217608	Novozymes BioAg A/S
2019210704	Botanix Pharmaceuticals Ltd	2019217623	Cynosure, Inc.
2019210738	AeroVironment, Inc.	2019217635	Qualcomm Incorporated
2019210741	Axon Therapies, Inc.	2019217874	Qualcomm Incorporated
2019210750	Schlumberger Technology B.V.	2019218550	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
2019210781	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2019218748	Covidien LP
2019210999	Institut Gustave-Roussy	2019219061	F. Hoffmann-La Roche AG
2019211035	Universidade NOVA de Lisboa; Instituto Português de Oncologia do Porto FG,EPE; Helmholtz-Zentrum Dresden-Rossendorf - Institute of Radiopharmaceutical Cancer Research	2019219123	Enyo Pharma
2019211135	Pharnext	2019219194	Genentech, Inc.

PCT applications which have entered the National Phase - Numerical Index cont'd

<b>2019219200</b>	BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	<b>2019376123</b>	Institute of Agricultural Resources and Regional Planning,
<b>2019219402</b>	TCS John Huxley Europe Limited	<b>2019383320</b>	Intuit Inc.
<b>2019220486</b>	Qualcomm Incorporated	<b>2019386603</b>	Intuit Inc.
<b>2019220914</b>	Bayer Aktiengesellschaft	<b>2019386712</b>	Intuit Inc.
<b>2019221521</b>	Mitsubishi HiTec Paper Europe GmbH	<b>2019386907</b>	Shanghai Ginsome Pharmatech Co., Ltd.
<b>2019221543</b>	Qualcomm Incorporated	<b>2019388601</b>	Intuit Inc.
<b>2019221627</b>	argenx BVBA	<b>2019414088</b>	Kuraray Co., Ltd.
<b>2019221800</b>	Institute of Genetics and Developmental Biology Chinese Academy of Sciences	<b>2020204574</b>	Qilu University of Technology
<b>2019222656</b>	Zodiac Pool Systems LLC		
<b>2019222770</b>	Donaldson Company, Inc.		
<b>2019222771</b>	Donaldson Company, Inc.		
<b>2019222772</b>	Donaldson Company, Inc.		
<b>2019223036</b>	Adamed Pharma S.A.		
<b>2019223670</b>	Unilever PLC		
<b>2019223676</b>	Unilever PLC		
<b>2019223757</b>	Syngenta Crop Protection AG		
<b>2019224694</b>	Institute for Basic Science; Korea Advanced Institute of Science and Technology		
<b>2019224697</b>	Chong Kun Dang Pharmaceutical Corp.		
<b>2019225031</b>	Shin Nippon Biomedical Laboratories, Ltd.		
<b>2019225166</b>	Dana-Farber Cancer Institute, Inc.		
<b>2019225946</b>	Unilever PLC		
<b>2019227258</b>	Perfetti Van Melle S.p.A.		
<b>2019227506</b>	Magic Leap, Inc.		
<b>2019227735</b>	Medtronic PS Medical, Inc.		
<b>2019227823</b>	The Regents of the University of Colorado, a Body Corporate		
<b>2019228328</b>	Societe des Produits Nestle S.A.		
<b>2019228458</b>	Magic Leap, Inc.		
<b>2019229157</b>	DuraStat LLC		
<b>2019230534</b>	Kuros Biosurgery AG		
<b>2019232332</b>	De' Longhi Appliances S.r.l.		
<b>2019232764</b>	Myomo, Inc.		
<b>2019233578</b>	Societe des Produits Nestle S.A.		
<b>2019233584</b>	Societe des Produits Nestle S.A.		
<b>2019233586</b>	Societe des Produits Nestle S.A.		
<b>2019233587</b>	Societe des Produits Nestle S.A.		
<b>2019233589</b>	Societe des Produits Nestle S.A.		
<b>2019233845</b>	Dyno Nobel Asia Pacific Pty Limited		
<b>2019233940</b>	Electricsands Ltd		
<b>2019234148</b>	Delaval Holding AB		
<b>2019235331</b>	F. Hoffmann-La Roche AG		
<b>2019235388</b>	Societe des Produits Nestle S.A.		
<b>2019238381</b>	F. Hoffmann-La Roche AG		
<b>2019241882</b>	Apple Inc.		
<b>2019242054</b>	Ricoh Company, Ltd.		
<b>2019242403</b>	WestRock Packaging Systems, LLC		
<b>2019246390</b>	Ascendis Pharma A/S		
<b>2019248196</b>	Samsung Electronics Co., Ltd.		
<b>2019251876</b>	Nippon Steel Corporation		
<b>2019257474</b>	Alibaba Group Holding Limited		
<b>2019258976</b>	Productos Agrovin, S.A.		
<b>2019260124</b>	F. Hoffmann-La Roche AG		
<b>2019271627</b>	Samsung Electronics Co., Ltd.		
<b>2019285617</b>	Alibaba Group Holding Limited		
<b>2019297797</b>	Contract Resources Pty Ltd		
<b>2019299867</b>	China University of Mining and Technology; Xuzhou Gold-fluid Hydraulic Technology Development Co.,Ltd.		
<b>2019307459</b>	AeroVironment, Inc.		
<b>2019310579</b>	American Gilsonite Company		
<b>2019314245</b>	Intuit Inc.		
<b>2019315811</b>	Intuit Inc.		
<b>2019330630</b>	Intuit Inc.		
<b>2019332682</b>	Intuit Inc.		
<b>2019333834</b>	Chengdu Chemphys Chemical Industry Co., Ltd; Sinolithium Materials Limited		
<b>2019340314</b>	Intuit Inc.		
<b>2019348001</b>	Vanda Pharmaceuticals Inc.		
<b>2019366858</b>	Intuit Inc.		
<b>2019369207</b>	NEC Platforms, Ltd.		

IPC Index

<b><u>A01C 1 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A61B 5 /-</u></b>	2019205861	2019210005	<b><u>A61L 31 /-</u></b>
2019223757	2018417303	2018383004	2019206468	2019210189	2019218748
<b><u>A01C 7 /-</u></b>	<b><u>A23L 27 /-</u></b>	2019248196	2019206649	2019211256	
2019223757	2017445026	<b><u>A61B 6 /-</u></b>	2019206651	2019214854	<b><u>A61M 11 /-</u></b>
<b><u>A01D 46 /-</u></b>	<b><u>A23L 29 /-</u></b>	2019205878	2019206950	2019216747	2019225031
2018387428	2017445026	2019210703	2019209725	2019216759	<b><u>A61M 25 /-</u></b>
<b><u>A01H 5 /-</u></b>	<b><u>A23L 33 /-</u></b>	2019210704	2019210703	2019219061	2019210741
2019221800	2019216129	2019210704	2019210999	2019219200	<b><u>A61M 39 /-</u></b>
<b><u>A01H 6 /-</u></b>	<b><u>A24F 47 /-</u></b>	2019210999	2019211135	2019221627	2019205203
2019221800	2019207744	2019211135	2019211458	2019224694	2019212128
<b><u>A01J 5 /-</u></b>	<b><u>A45B 25 /-</u></b>	<b><u>A61B 90 /-</u></b>	2019211468	<b><u>A61K 45 /-</u></b>	<b><u>A61M 5 /-</u></b>
2019234148	2018396514	2019211468	2019211485	2018389243	2019205203
<b><u>A01M 29 /-</u></b>	<b><u>A47B 71 /-</u></b>	2019211485	2019211646	2019210189	2019212128
2018389173	2018410668	2019211646	2019212478	2019211135	<b><u>A61M 5 /-</u></b>
<b><u>A01M 7 /-</u></b>	<b><u>A47F 1 /-</u></b>	2019213835	2019213835	2019211646	2019205203
2018394796	2019212054	2019214872	2019215598	2019213835	2019210741
2019220914	<b><u>A47F 9 /-</u></b>	2019215598	2019216793	2019225031	<b><u>A61K 47 /-</u></b>
<b><u>A01N 1 /-</u></b>	2018390987	2019216793	2019217320	2019386907	2019205203
2019214854	<b><u>A47J 31 /-</u></b>	2019219123	2019219123		2019210741
<b><u>A01N 37 /-</u></b>	2019228328	2019219194	2019219194	<b><u>A61K 47 /-</u></b>	<b><u>A61N 1 /-</u></b>
2019217608	2019232332	2019219200	2019219200	2019206587	2018394423
<b><u>A01N 43 /-</u></b>	2019233578	2019223036	2019223036	2019211646	<b><u>A61N 2 /-</u></b>
2018384770	2019233584	2019224697	2019224697	2019213835	2018389324
2018391579	2019233586	2019225166	2019225166	2019214872	<b><u>A61N 7 /-</u></b>
2019212442	2019233587	2019227823	2019227823	2019225166	2018414535
<b><u>A01P 3 /-</u></b>	2019235388	2019238381	2019238381	2019246390	<b><u>A61P 1 /-</u></b>
2018384770	<b><u>A61B 10 /-</u></b>	2019348001	2019348001	2019386907	2019348001
2019217608	2018388488	<b><u>A61F 2 /-</u></b>	<b><u>A61K 33 /-</u></b>	<b><u>A61K 48 /-</u></b>	<b><u>A61P 11 /-</u></b>
<b><u>A23D 7 /-</u></b>	<b><u>A61B 17 /-</u></b>	2019214967	2019205774	2018387826	2018387747
2017445026	2018388488	2019218748	2019205774	2019210189	2019209725
<b><u>A23G 3 /-</u></b>	2018397332	2019232764	<b><u>A61K 35 /-</u></b>	2019211256	2019221627
2019227258	2018411309	<b><u>A61F 5 /-</u></b>	2018394164	<b><u>A61K 49 /-</u></b>	<b><u>A61P 17 /-</u></b>
<b><u>A23J 1 /-</u></b>	2018414535	2019214967	2019205422	2018395397	2018398881
2019209911	2019209894	<b><u>A61F 9 /-</u></b>	2019208634	<b><u>A61K 51 /-</u></b>	2019210703
<b><u>A23K 10 /-</u></b>	2019218748	2019205774	2019209432	2018395397	2019210704
2018417303	2019227735	<b><u>A61G 10 /-</u></b>	2019210005	<b><u>A61K 8 /-</u></b>	2019211468
2019209911	2019229157	2019213772	2019211646	2018408221	2019211646
<b><u>A61B 18 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61G 13 /-</u></b>	2019213201	2019386907	<b><u>A61P 19 /-</u></b>
2018388488	2018388488	2019213772	2019214854	<b><u>A61K 9 /-</u></b>	2018387747
2018397332	2018392316	<b><u>A61K 31 /-</u></b>	2019216129	2018390261	<b><u>A61P 21 /-</u></b>
2018411309	2018392321	2018387747	<b><u>A61K 36 /-</u></b>	2019206649	2018392780
2019209894	2018392324	2018390261	2019206468	2019206651	
2019218748	2018392780	2018390444	<b><u>A61K 38 /-</u></b>	2019210703	<b><u>A61P 19 /-</u></b>
2019227735	2018393003	2018390543	2018392780	2019210704	<b><u>A61P 21 /-</u></b>
2019229157	2018398881	2018390544	2018393093	2019211468	2018392780
<b><u>A61B 18 /-</u></b>	2018404690	2018390610	2019205328	2019211646	<b><u>A61P 25 /-</u></b>
2018392316	2018454589	2018390820	2019207635	2019213290	2018390261
2018392321	2019205786	2018390990	2019211256	2019214872	2019206950
2018392324	2019209346	2018390990	2019219200	2019216747	2019211135
2018392780		2018392316	2019219200	2019216759	2019216129
2018393003		2018392321	20192246390	2019224697	2019216793
2018398881		2018392324	2019260124	2019225031	2019217320
2018404690		2018392780	<b><u>A61K 39 /-</u></b>	2019386907	2019223036
2018454589		2018393003	2018381290		2019225031
2019205786		2018398881	2018392780	<b><u>A61L 27 /-</u></b>	2019238381
		2018404690	2018393093		
		2018454589	2018396964		
		2019205786	2019205090		
			2019205422		
			2019205861		

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>A61P 27 /-</u></b>		<b><u>B01D 65 /-</u></b>	<b><u>B05B 15 /-</u></b>	2018398970	<b><u>B64C 3 /-</u></b>
2019224697	<b><u>A61P 9 /-</u></b>	2019207936	2018386724	<b><u>B32B 5 /-</u></b>	2019307459
	2018390261	2019210191		2018383875	<b><u>B64D 1 /-</u></b>
<b><u>A61P 29 /-</u></b>	<b><u>A61Q 13 /-</u></b>	<b><u>B01D 69 /-</u></b>	<b><u>B05B 7 /-</u></b>	2018398970	2018394796
2018387747	2018408221	2019205299	2018386724	<b><u>B32B 7 /-</u></b>	<b><u>B64D 11 /-</u></b>
2018390990			<b><u>B08B 13 /-</u></b>	2018398970	2018387123
2018398881	<b><u>A61Q 19 /-</u></b>	<b><u>B01D 71 /-</u></b>	2019297797	<b><u>B32B 9 /-</u></b>	<b><u>B65B 67 /-</u></b>
2018454589	2018408221	2019205299	<b><u>B08B 3 /-</u></b>	2018383875	2018396514
2019210703	2019386907	2019210191	2019209289	<b><u>B33Y 50 /-</u></b>	<b><u>B65D 43 /-</u></b>
2019212478	<b><u>A62C 35 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B08B 5 /-</u></b>	2019242054	2019206569
2019215598	2019210039	2019208519	2019297797	<b><u>B60C 11 /-</u></b>	<b><u>B65D 65 /-</u></b>
2019216793	<b><u>A63D 15 /-</u></b>	2019212097		2018402887	2019223670
2019238381	2019209835	2019233845	<b><u>B08B 9 /-</u></b>	2018404446	<b><u>B65D 71 /-</u></b>
<b><u>A61P 3 /-</u></b>	<b><u>A63F 11 /-</u></b>	<b><u>B01F 5 /-</u></b>	2019208519	<b><u>B60L 53 /-</u></b>	2019210115
2018392780	2019219402	2019208519	2019297797	2018390498	2019242403
2019208634	<b><u>A63F 3 /-</u></b>	<b><u>B01F 7 /-</u></b>	<b><u>B21D 37 /-</u></b>	<b><u>B60L 9 /-</u></b>	<b><u>B65D 75 /-</u></b>
2019219123	2018386713	<b><u>B01J 19 /-</u></b>	2019209390	2018405279	2019210115
<b><u>A61P 31 /-</u></b>	<b><u>B01D 1 /-</u></b>	2019212752	<b><u>B21D 5 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B65D 81 /-</u></b>
2019216793	2018386724	<b><u>B01J 20 /-</u></b>	2019209390	2019209289	2019210115
2019219123	2019217499	2018387258	<b><u>B23K 35 /-</u></b>	<b><u>B60T 7 /-</u></b>	<b><u>B65G 45 /-</u></b>
2019225031	<b><u>B01D 15 /-</u></b>	<b><u>B01J 23 /-</u></b>	2018416187	2019210168	2018392002
<b><u>A61P 35 /-</u></b>	2018387258	<b><u>B01J 27 /-</u></b>	<b><u>B23Q 16 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>B66C 1 /-</u></b>
2018389243	2019213623	2019211888	2019216223	2019210168	2019214833
2018392321	<b><u>B01D 21 /-</u></b>	<b><u>B01J 27 /-</u></b>	<b><u>B24C 3 /-</u></b>	<b><u>B61L 29 /-</u></b>	<b><u>B66D 1 /-</u></b>
2018392324	2018390993	2019414088	2019209289	2018405226	2019216277
2018392741	<b><u>B01D 3 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B62L 3 /-</u></b>	<b><u>B67D 1 /-</u></b>
2018394164	2019217499	2019210781	2019297797	2019210168	2018399625
2018396964	<b><u>B01D 35 /-</u></b>	<b><u>B01J 37 /-</u></b>	<b><u>B26B 7 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>C01B 21 /-</u></b>
2018398881	2018390993	2019414088	2019216223	2019209761	2019210039
2018404690	<b><u>B01D 39 /-</u></b>	<b><u>B01J 4 /-</u></b>	<b><u>B26D 7 /-</u></b>	<b><u>B63B 7 /-</u></b>	<b><u>C01B 3 /-</u></b>
2018454589	2019222770	2019208519	2019211273	2018392972	2019212752
2019205861	2019222771	<b><u>B01L 3 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B64B 1 /-</u></b>	<b><u>C01B 32 /-</u></b>
2019209432	2019222772	2019214969	2019214969	2019307459	2019414088
2019210005	<b><u>B01D 46 /-</u></b>	<b><u>B02C 13 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B64C 11 /-</u></b>	<b><u>C01F 5 /-</u></b>
2019215598	2018380772	2019209911	2019242054	2019210738	2019216878
2019216793	<b><u>B01D 53 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>C02F 1 /-</u></b>
2019219061	2019216878	2018405394	2018383875	2019210738	2018385671
2019219123	<b><u>B01D 61 /-</u></b>	<b><u>B03D 103 /-</u></b>	<b><u>B32B 25 /-</u></b>	<b><u>B64C 29 /-</u></b>	2019210191
2019224694	2019207936	2018405394	2018398970	2019211505	2019212097
2019238381	2019210191	<b><u>B05B 14 /-</u></b>	<b><u>B32B 29 /-</u></b>		2019217499
2019386907	<b><u>B01D 63 /-</u></b>	2019209289	2018397701		2019414088
<b><u>A61P 37 /-</u></b>	2019207936				
2018390444	2019210191				
2018390543					
2018390544					
2018390610					
2018390820					
2018392316					
2018393003					
2018398881					
2019209725					
2019214854					
<b><u>A61P 43 /-</u></b>					
2019211646					
<b><u>A61P 5 /-</u></b>					
2019211646					
<b><u>A61P 7 /-</u></b>					
2018390261					



PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>C02F 103 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C07D 513 /-</u></b>	2019205422	<b><u>C10M 169 /-</u></b>
2018385671	2019206950	2019209725	2018393003	2019206587	2018396059
2019217499	2019225166	2019216793		2019207635	
			<b><u>C07D 519 /-</u></b>	2019211035	<b><u>C11D 1 /-</u></b>
<b><u>C02F 11 /-</u></b>	<b><u>C07D 215 /-</u></b>	<b><u>C07D 413 /-</u></b>	2018390544	2019211256	2019209860
2018385671	2018390444	2018390444	2018390820	2019213045	2019209862
		2018391579		2019216759	2019209863
		2018393003	<b><u>C07F 5 /-</u></b>	2019219061	2019209866
<b><u>C02F 3 /-</u></b>	<b><u>C07D 231 /-</u></b>		2019209469	2019221627	2019209868
2018385671	2018384770	<b><u>C07D 417 /-</u></b>		2019224694	
			<b><u>C07K 19 /-</u></b>		<b><u>C11D 11 /-</u></b>
<b><u>C02F 9 /-</u></b>	<b><u>C07D 233 /-</u></b>	2018390444	<b><u>C07H 1 /-</u></b>	2019205422	2019223670
2018385671	2019219123	2018391579	2019213203		2019223676
		2018392316	2019235331	<b><u>C07K 5 /-</u></b>	
		2018393003			
<b><u>C05F 11 /-</u></b>	<b><u>C07D 235 /-</u></b>	<b><u>C07D 419 /-</u></b>	<b><u>C07H 19 /-</u></b>	2019260124	<b><u>C11D 17 /-</u></b>
2018385671	2019223036		2019213203	<b><u>C08L 95 /-</u></b>	2019223670
		2018391579	2019235331	2019310579	2019223676
<b><u>C05F 17 /-</u></b>	<b><u>C07D 241 /-</u></b>	<b><u>C07D 451 /-</u></b>	<b><u>C07H 21 /-</u></b>		2019225946
2018385671	2018390444	2018393003	2019210189	<b><u>C09K 5 /-</u></b>	<b><u>C11D 3 /-</u></b>
			2019211256	2018387123	2019223676
<b><u>C05F 3 /-</u></b>	<b><u>C07D 249 /-</u></b>	<b><u>C07D 453 /-</u></b>	2019213203	2018392046	2019225946
2018385671	2018392321	2018390820	2019219194		
	2019208783	2018392316		<b><u>C10C 3 /-</u></b>	<b><u>C11D 7 /-</u></b>
		2018393003	<b><u>C07H 23 /-</u></b>	2019310579	2019210042
<b><u>C05F 7 /-</u></b>	<b><u>C07D 277 /-</u></b>		2019213203		2019223676
2018385671	2019212442	<b><u>C07D 471 /-</u></b>		<b><u>C10G 11 /-</u></b>	
			<b><u>C07J 17 /-</u></b>	2019208519	<b><u>C12G 1 /-</u></b>
<b><u>C05F 9 /-</u></b>	<b><u>C07D 307 /-</u></b>	2018390444	2019217320		2019258976
2018385671	2019205786	2018390543		<b><u>C10G 2 /-</u></b>	
		2018390610	<b><u>C07J 3 /-</u></b>	2019212752	<b><u>C12M 1 /-</u></b>
<b><u>C05G 3 /-</u></b>	<b><u>C07D 333 /-</u></b>	2018390820	2019217320		2018385671
2019376123	2019216793	2018391579		<b><u>C10G 27 /-</u></b>	2018386438
		2018392316	<b><u>C07J 43 /-</u></b>	2019208519	2018391487
<b><u>C06B 47 /-</u></b>	<b><u>C07D 401 /-</u></b>	2018393003	2019217320		<b><u>C12N 1 /-</u></b>
2019233845	2018390444	2019208634		<b><u>C10G 3 /-</u></b>	2018417303
	2018390610	2019215598	<b><u>C07J 5 /-</u></b>	2019209477	2019216129
<b><u>C07C 235 /-</u></b>	2018390820		2019217320		2020204574
2019206950	2018391579	2018390261		<b><u>C10G 7 /-</u></b>	
	2018392316	2018390444	<b><u>C07J 7 /-</u></b>	2019212752	<b><u>C12N 15 /-</u></b>
<b><u>C07C 271 /-</u></b>	2018392321	2018390544	2019217320		2018387826
2019206950	2018392324	2018390820		<b><u>C10G 70 /-</u></b>	2018390590
	2018393003	2018391579	<b><u>C07K 1 /-</u></b>	2019208519	2018396964
	2018404690	2018392316	2018392697		2019209432
<b><u>C07C 303 /-</u></b>	2019209469	2018393003	2019213623	<b><u>C10G 75 /-</u></b>	2019210190
2019208783	2019212478	2018398881	2019246390	2019208519	2019213290
	2019215598	2019208634			2019219194
<b><u>C07C 5 /-</u></b>	<b><u>C07D 403 /-</u></b>	2019211485	<b><u>C07K 14 /-</u></b>	<b><u>C10L 1 /-</u></b>	2019219200
2019208519	2018387747	2019227823		2018396059	2019221800
	2018390610	<b><u>C07D 491 /-</u></b>	2018387826	2019209477	<b><u>C12N 5 /-</u></b>
<b><u>C07D 209 /-</u></b>	2018392316	2018390543	2018395397		2019205422
2018390610	2018392321	2018390610	2019209432	<b><u>C10M 129 /-</u></b>	2019208634
2018392316	2018392324		2019211256	2019210042	2019211646
2018393003	2018393003	<b><u>C07D 495 /-</u></b>	2019219200		2019213201
2019205786		2019209725		<b><u>C10M 133 /-</u></b>	<b><u>C12N 9 /-</u></b>
2019223036	<b><u>C07D 405 /-</u></b>	2019212478	<b><u>C07K 16 /-</u></b>	2018396059	2018393093
	2018387747		2018381290		2019217608
<b><u>C07D 211 /-</u></b>	2018390444	<b><u>C07D 498 /-</u></b>	2018392741		
2019206950	2018390610	2019209469	2018396964		
	2018390820	2019238381	2019205090		
	2018392316				

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>C12Q 1 /-</u></b>	<b><u>E04C 3 /-</u></b>	<b><u>F04B 53 /-</u></b>	<b><u>F25C 5 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 3 /-</u></b>
2018387258	2018395956	2019212750	2018409162	2019210999	2018403182
2018390590		<b><u>F04B 9 /-</u></b>		2019211035	2019228328
2018399524	<b><u>E04F 13 /-</u></b>	2019212750	<b><u>F25D 11 /-</u></b>	2019214384	
2019209436	2018386751		2018409162	2019215096	<b><u>G06F 40 /-</u></b>
<b><u>C12R 1 /-</u></b>	<b><u>E04G 23 /-</u></b>	<b><u>F04D 13 /-</u></b>	2018410666	<b><u>G01N 35 /-</u></b>	2019383320
2019216129	2018386751	2018390993	2018410668	2019214969	<b><u>G06F 8 /-</u></b>
<b><u>C21D 8 /-</u></b>	2018386751	<b><u>F04D 15 /-</u></b>	2018411065	<b><u>G01S 13 /-</u></b>	2019211959
2019251876	<b><u>E04H 4 /-</u></b>	2019222656	2018412069	2019212641	2019241882
<b><u>C21D 9 /-</u></b>	2019222656	<b><u>F15B 11 /-</u></b>	<b><u>F25D 15 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06F 9 /-</u></b>
2019251876	<b><u>E05B 65 /-</u></b>	2019216277	2018412069	2019228458	2018405223
<b><u>C22C 38 /-</u></b>	2019212054	<b><u>F15B 13 /-</u></b>	<b><u>F25D 17 /-</u></b>	<b><u>G01S 5 /-</u></b>	2019332682
2018416187	<b><u>E06B 7 /-</u></b>	2019216277	2018410665	2019228458	2019340314
2019251876	2018389173	<b><u>F16L 1 /-</u></b>	2018411065	<b><u>G02B 27 /-</u></b>	<b><u>G06K 9 /-</u></b>
<b><u>C25B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	2018388843	<b><u>F25D 21 /-</u></b>	2019206712	2018409900
2019333834	2019210750	2018390993	2018412069	2019228458	2019212641
<b><u>C40B 10 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F16L 55 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G02B 6 /-</u></b>	2019314245
2019213203	2018427143	2019217495	2018410666	2019206712	<b><u>G06N 20 /-</u></b>
<b><u>C40B 60 /-</u></b>	<b><u>E21B 31 /-</u></b>	<b><u>F24F 1 /-</u></b>	<b><u>F25D 29 /-</u></b>	<b><u>G05B 11 /-</u></b>	2019340314
2019213623	2019209997	2018388327	2018411065	2018387472	2019366858
<b><u>D06F 58 /-</u></b>	2019209998	2018388381	<b><u>F25D 3 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G06N 3 /-</u></b>
2018380772	<b><u>E21B 33 /-</u></b>	2018388754	2018387123	2018387472	2019314245
2018380774	2018427143	<b><u>F24F 11 /-</u></b>	<b><u>F25D 31 /-</u></b>	2018387472	2019257474
<b><u>D21F 11 /-</u></b>	2019210225	2018404247	2018411065	<b><u>G05B 23 /-</u></b>	<b><u>G06Q 10 /-</u></b>
2018397701	<b><u>E21B 43 /-</u></b>	2018410266	<b><u>F28D 20 /-</u></b>	2019210225	2018390987
<b><u>D21H 11 /-</u></b>	2018388843	2019213772	2019215688	<b><u>G05D 1 /-</u></b>	2018399621
2019210750	2018388843	<b><u>F24F 13 /-</u></b>	<b><u>F42D 1 /-</u></b>	2019211505	2019340314
2018397701	2019210750	2018388327	2019233845	2019307459	<b><u>G06Q 40 /-</u></b>
<b><u>D21H 17 /-</u></b>	<b><u>E21D 23 /-</u></b>	2018388381	<b><u>G01B 11 /-</u></b>	<b><u>G06F 1 /-</u></b>	2019285617
2019299867	2019299867	2018388754	2019211451	<b><u>G06F 11 /-</u></b>	<b><u>G06Q 50 /-</u></b>
2018397701	<b><u>F01P 11 /-</u></b>	2018410266	2019242054	2019241882	2018390293
<b><u>D21H 19 /-</u></b>	2019210042	<b><u>F24F 6 /-</u></b>	<b><u>G01C 11 /-</u></b>	<b><u>G06F 15 /-</u></b>	2019241882
2019221521	<b><u>F02C 6 /-</u></b>	2018386724	2019212641	2017444205	<b><u>G06T 17 /-</u></b>
<b><u>D21H 27 /-</u></b>	<b><u>F03D 13 /-</u></b>	<b><u>F24S 20 /-</u></b>	<b><u>G01C 23 /-</u></b>	<b><u>G06F 16 /-</u></b>	2019212641
2019221521	2019215688	2018389289	2019307459	2018387423	2019227506
<b><u>E01C 7 /-</u></b>	2019214833	<b><u>F25B 1 /-</u></b>	<b><u>G01J 3 /-</u></b>	2018404194	<b><u>G06T 7 /-</u></b>
2019310579	<b><u>F03G 3 /-</u></b>	2018392046	2019213498	2019209932	2018390987
<b><u>E01F 15 /-</u></b>	2019233940	<b><u>F25B 29 /-</u></b>	<b><u>G01N 21 /-</u></b>	2019366858	2018394177
2019213580	<b><u>F03G 6 /-</u></b>	2018410668	2019213498	2019386603	2019212616
<b><u>E02B 3 /-</u></b>	2019217499	<b><u>F25B 40 /-</u></b>	<b><u>G01N 30 /-</u></b>	2019386712	2019227506
2019213580	<b><u>F04B 27 /-</u></b>	2018410665	2019213623	2019388601	<b><u>G07D 3 /-</u></b>
<b><u>E02B 7 /-</u></b>	2019212750	<b><u>F25B 49 /-</u></b>	2018404247	<b><u>G06F 21 /-</u></b>	2019219402
2019213580		2018410266	2018410266	2018398972	<b><u>G07F 17 /-</u></b>
				2019315811	2019214493

PCT applications which have entered the National Phase - IPC Index cont'd

<b><u>G07G 1 /-</u></b>		2019330630	2019217874
2018390987	<b><u>H01L 31 /-</u></b>		
	2018391811	<b><u>H04L 29 /-</u></b>	<b><u>H04W 80 /-</u></b>
<b><u>G08B 25 /-</u></b>		2018409147	2017444445
2018392855	<b><u>H01L 35 /-</u></b>	2018415016	
	2018387316	2019211959	<b><u>H04W 84 /-</u></b>
<b><u>G09B 5 /-</u></b>		2019271627	2018387472
2019241882	<b><u>H01M 2 /-</u></b>	2019330630	
	2018396985	<b><u>H04L 5 /-</u></b>	<b><u>H05B 45 /-</u></b>
<b><u>G10G 1 /-</u></b>	2018407666	2018427836	2019210205
2019207800	<b><u>H01M 8 /-</u></b>	2019217635	
		<b><u>H04N 13 /-</u></b>	<b><u>H05K 5 /-</u></b>
<b><u>G10G 5 /-</u></b>	2019209492		2019369207
2019212443	2019209552	2018390994	
	2019209555	2019212641	
<b><u>G10H 1 /-</u></b>	2019209813		
2019207800	2019209836	<b><u>H04N 21 /-</u></b>	
		2019203202	
<b><u>G10L 19 /-</u></b>	<b><u>H02J 13 /-</u></b>	2019209210	
2019216363	2019211451		
	<b><u>H02J 3 /-</u></b>	<b><u>H04W 24 /-</u></b>	
<b><u>G11B 27 /-</u></b>		2019206672	
2019209210	2018387472		
	2019215520	<b><u>H04W 28 /-</u></b>	
<b><u>G16B 20 /-</u></b>	<b><u>H02J 50 /-</u></b>	2017445362	
2018391843	2018390498	2018401320	
		2018409147	
<b><u>G16B 5 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04W 36 /-</u></b>	
2019218550	2018390498	2017443403	
	2018396151	2017444350	
<b><u>G16H 10 /-</u></b>	<b><u>H02K 29 /-</u></b>	<b><u>H04W 40 /-</u></b>	
2019206316	2018408707	2018415016	
2019214969			
<b><u>G16H 20 /-</u></b>	<b><u>H02K 7 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2019206316	2018394796	2018401505	
	<b><u>H02M 7 /-</u></b>	<b><u>H04W 52 /-</u></b>	
<b><u>G16H 30 /-</u></b>	2018405279	2017445532	
2019212585		2019220486	
<b><u>G16H 40 /-</u></b>	<b><u>H03F 3 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2019206316	2018389628	2019206672	
	<b><u>H04B 11 /-</u></b>	<b><u>H04W 68 /-</u></b>	
<b><u>G21B 1 /-</u></b>	2018393002	2019207624	
2019214510	2019217444		
<b><u>G21K 1 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2019214510	2018409147	2017445362	
		2017445532	
<b><u>H01F 27 /-</u></b>	<b><u>H04H 60 /-</u></b>	2018399356	
2019214510	2019209835	2018401505	
		2018415016	
<b><u>H01F 6 /-</u></b>	<b><u>H04L 1 /-</u></b>	2019206672	
2019214510	2018409147	2019221543	
		<b><u>H04W 74 /-</u></b>	
<b><u>H01G 9 /-</u></b>	<b><u>H04L 12 /-</u></b>	2018402576	
2018387316	2019214925	2019206672	

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*A61K 8/60* ( 2006.01 )  
*A61K 8/63* ( 2006.01 )  
*A61K 31/56* ( 2006.01 )  
*A61K 31/704* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
*C07J 17/00* ( 2006.01 )  
*C12P 19/44* ( 2006.01 )  
*C12P 33/16* ( 2006.01 )  
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*G07C 11/00* ( 2006.01 )  
*A47B 25/00* ( 2006.01 )  
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**B65D 83/08** ( 2006.01 )  
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**G01V 3/10** ( 2006.01 )  
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**G08C 21/00** ( 2006.01 )  
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**A61K 31/7068** ( 2006.01 )  
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<b>2014374516</b>	ProteoNic Biotechnology IP B.V.	<b>2016251493</b>	Technische Universitat Berlin; Griffith University
<b>2014398349</b>	Maruishi Pharmaceutical Co., Ltd.	<b>2016256329</b>	O&M Halyard International Unlimited Company
<b>2014407125</b>	Avent, Inc.	<b>2016257085</b>	Epicuro Ltd
<b>2015202235</b>	XRSciences LLC	<b>2016259745</b>	Bayer Aktiengesellschaft
<b>2015202802</b>	Covidien LP	<b>2016269339</b>	A.N.E.M. Alternative Energy and Manufacturing Ltd
<b>2015209171</b>	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	<b>2016271054</b>	Ecolab USA Inc.
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<b>2015336948</b>	Beezbutt Pty Limited	<b>2016310347</b>	Zimmer, Inc.
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<b>2015340213</b>	Samsung Electronics Co., Ltd.	<b>2016332770</b>	AmorePacific Corporation
<b>2015343171</b>	Spinal Stabilization Technologies LLC	<b>2016333413</b>	Orthofix S.r.l.
<b>2015346219</b>	Memorial Sloan-Kettering Cancer Center	<b>2016340958</b>	McLaughlin Gormley King Company
<b>2015348437</b>	Ceramica Malpesa, S.A.	<b>2016353547</b>	Encycle Therapeutics, Inc.; Universite de Montreal
<b>2015352176</b>	Xobaderm Limited	<b>2016354532</b>	Applied Lifesciences and Systems, LLC
<b>2015356542</b>	Kamahara, M.	<b>2016359154</b>	Sana Health, Inc.
<b>2015365659</b>	Fungialert Limited	<b>2016359838</b>	GlaxoSmithKline Intellectual Property Development Limited
<b>2015367902</b>	Heerema Marine Contractors Nederland SE	<b>2016389460</b>	American Sterilizer Company
<b>2015370660</b>	Thomson, J.	<b>2017264579</b>	Novelis Inc.
<b>2015374385</b>	Checkmate Pharmaceuticals, Inc.	<b>2017273024</b>	Seb S.A.
<b>2015381356</b>	Guangzhou T.K Medical Instrument Co., Ltd.	<b>2017279576</b>	Lindsay Transportation Solutions, Inc.
<b>2015385869</b>	Transitions Optical, Inc.	<b>2017289043</b>	Wing Aviation LLC
<b>2015389700</b>	Amorepacific Corporation	<b>2017296412</b>	Intuit Inc.
<b>2015409656</b>	Ethicon, LLC	<b>2017324053</b>	Hemex Health, Inc.
<b>2015410689</b>	Halliburton Energy Services, Inc.	<b>2017324060</b>	Wing Aviation LLC
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<b>2016202042</b>	Tata Consultancy Services Limited	<b>2017344076</b>	Stapleton, K.
<b>2016202404</b>	Scentsy, Inc.	<b>2017346590</b>	Netflix, Inc.
<b>2016202898</b>	ISCHEBECK TITAN LIMITED	<b>2017352567</b>	Unilever PLC
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<b>2016203703</b>	Covidien LP	<b>2017362569</b>	Nantomics, LLC; Nant Holdings IP, LLC
<b>2016203963</b>	LOHMANN & RAUSCHER GmbH	<b>2017371859</b>	JVC Kenwood Corporation
<b>2016206624</b>	The University of North Carolina at Chapel Hill	<b>2017374897</b>	Abu Dhabi Polymers Co. Ltd (Borouge) L.L.C.; Borealis AG
<b>2016209038</b>	Spinal Singularity Inc.	<b>2017375903</b>	Rheinmetall MAN Military Vehicles GmbH
<b>2016209220</b>	Microsoft Technology Licensing, LLC	<b>2017379019</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2016215124</b>	The University of North Carolina at Chapel Hill	<b>2017379866</b>	PRC-DeSoto International, Inc.
<b>2016216599</b>	General Electric Company	<b>2017387933</b>	Colgate-Palmolive Company
<b>2016218028</b>	Getinge La Calhene	<b>2017399711</b>	Siemens Aktiengesellschaft
<b>2016221799</b>	Hugo Petersen GmbH	<b>2017406828</b>	American Sterilizer Company
<b>2016224036</b>	CMH Plus Holdings Ltd.	<b>2017407750</b>	Essity Hygiene and Health Aktiebolag
<b>2016225855</b>	Media Global Links Co., Ltd.	<b>2017415626</b>	Kronikare Pte Ltd
<b>2016233508</b>	Qualcomm Incorporated	<b>2017418589</b>	b.box for kids developments Pty Ltd
<b>2016238759</b>	Medday Pharmaceuticals	<b>2018200224</b>	Mylan Inc.
<b>2016239601</b>	Casale SA	<b>2018200698</b>	HandyLab, Inc.
<b>2016240117</b>	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.	<b>2018203186</b>	University of Florida Research Foundation, Inc.; The Government of the United States of America As Represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention; Cornell Research Foundation, Inc.
<b>2016240394</b>	Magnesium Oxide Board Corporation Pty Ltd	<b>2018203206</b>	Bioverativ Therapeutics Inc.
<b>2016242894</b>	Spraying Systems Co.	<b>2018203217</b>	N.V. Nutricia
<b>2016245911</b>	Rhodia Operations		
<b>2016246414</b>	ISP Investments LLC		
<b>2016246713</b>	Beech Tree Labs, Inc.		

Applications Accepted - Numerical Index cont'd

<b>2018203410</b>	Joh. Friedrich Behrens AG	<b>2019203071</b>	NEC Corporation
<b>2018203832</b>	BioMarin Technologies B.V.	<b>2019203366</b>	Lin, K.
<b>2018204220</b>	Aristocrat Technologies Australia Pty Limited	<b>2019203448</b>	Katholieke Universiteit Leuven; University Hospital Antwerp
<b>2018204579</b>	Monsanto Technology LLC	<b>2019203552</b>	Fuji Xerox Co., Ltd.
<b>2018204886</b>	Gilead Pharmasset LLC	<b>2019203558</b>	Corbin Clinical Resources, LLC
<b>2018204926</b>	ABU AL-RUBB, K.	<b>2019203586</b>	Implantica Patent Ltd
<b>2018205372</b>	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services	<b>2019204587</b>	Ishida Co., Ltd.
<b>2018205516</b>	University of Wyoming	<b>2019216693</b>	Placo Bubbles Limited
<b>2018206706</b>	Relypsa, Inc.	<b>2019226144</b>	China University of Mining and Technology
<b>2018206758</b>	Bioerativ Therapeutics Inc.	<b>2019250241</b>	Wright Medical Technology, Inc.
<b>2018208773</b>	Adocia	<b>2019257540</b>	Dormer (atf Dormer Family Trust), K.
<b>2018209057</b>	ABB Schweiz AG	<b>2019275677</b>	Ruoey Lung Enterprise Corp.
<b>2018217304</b>	Sony Corporation	<b>2020201235</b>	Hubei University
<b>2018219837</b>	GE Global Sourcing LLC	<b>2020202388</b>	FERNO-WASHINGTON, INC.
<b>2018228890</b>	Apple Inc.	<b>2020204284</b>	S.C. Johnson & Son, Inc.
<b>2018229563</b>	Alcoa USA Corp		
<b>2018235703</b>	Baker Hughes Holdings, LLC		
<b>2018246024</b>	FUJIFILM Corporation		
<b>2018247243</b>	Apellis Pharmaceuticals, Inc.		
<b>2018250919</b>	cytena Bioprocess Solutions co., Ltd.		
<b>2018251712</b>	Nanophase Technologies Corporation		
<b>2018252237</b>	Blue Vision Labs UK Limited		
<b>2018253612</b>	Koninklijke Douwe Egberts B.V.		
<b>2018255557</b>	Zhou, R.		
<b>2018256060</b>	Otsuka Pharmaceutical Factory, Inc.		
<b>2018259337</b>	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
<b>2018260883</b>	Baxalta GmbH; Baxalta Incorporated		
<b>2018263023</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.		
<b>2018264049</b>	W. L. Gore & Associates, Inc.		
<b>2018265257</b>	Nevakar Inc.		
<b>2018267641</b>	Konami Gaming, Inc.		
<b>2018269372</b>	Welch Allyn, Inc.		
<b>2018271351</b>	Dow AgroSciences LLC		
<b>2018272759</b>	MicroDose Therapeutx, Inc.		
<b>2018278939</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
<b>2018282261</b>	Angel Playing Cards Co., Ltd.		
<b>2018282262</b>	Angel Playing Cards Co., Ltd.		
<b>2018282274</b>	Univation Technologies, LLC		
<b>2018282323</b>	W. L. Gore & Associates, Inc.		
<b>2018289123</b>	Verb Surgical Inc.		
<b>2018290758</b>	Salesforce.com, Inc.		
<b>2018327223</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
<b>2018330241</b>	Siemens Aktiengesellschaft		
<b>2018346851</b>	Boston Scientific Scimed, Inc.		
<b>2018368692</b>	Airbus Defence and Space SAS		
<b>2018368693</b>	Airbus Defence and Space SAS		
<b>2018368813</b>	Protective Innovations Pty Ltd		
<b>2018394695</b>	Beijing Smartchip Microelectronics Technology Company Limited; State Grid Information & Telecommunication Group Co., Ltd.; State Grid Corporation Of China		
<b>2019200000</b>	Komatsu Ltd.		
<b>2019200018</b>	LG Electronics Inc.		
<b>2019200616</b>	UNL Holdings LLC		
<b>2019200631</b>	Gambro Lundia AB		
<b>2019200688</b>	Kline, E.		
<b>2019200905</b>	McGinley Engineered Solutions, LLC		
<b>2019201005</b>	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation		
<b>2019201202</b>	ConMed Corporation		
<b>2019201239</b>	Blackstone Medical, Inc.		
<b>2019201741</b>	Messner, W.		
<b>2019202025</b>	Lanxi Zhengke Lockset Co., Ltd.		
<b>2019202236</b>	Smith & Nephew, Inc.		
<b>2019202262</b>	Donaldson Company, Inc.		
<b>2019202273</b>	Hangzhou Zhenhang Crystal Co., Ltd.		
<b>2019202441</b>	Galapagos NV		
<b>2019202483</b>	Graco Minnesota Inc.		
<b>2019202553</b>	Apple Inc.		
<b>2019203059</b>	Luigi Lavazza S.p.A.		



IPC Index

<b>A01B 29 /-</b>	2018282262	<b>A61F 2 /-</b>	2016284398	<b>A61M 15 /-</b>	<b>A61P 35 /-</b>
2016250934	<b>A47C 3 /-</b>	2015343171	2018206706	2016354532	2015346219
<b>A01D 34 /-</b>	2019275677	2016209038	2019203448	2018272759	2016240117
2016250934	<b>A47G 19 /-</b>	2016298566	<b>A61K 47 /-</b>	<b>A61M 16 /-</b>	2016284398
<b>A01G 25 /-</b>	2017418589	2016310347	2014398349	2016250271	2018246024
2016242894	<b>A47J 27 /-</b>	2018282323	2016246414	<b>A61M 25 /-</b>	<b>A61P 37 /-</b>
2018204579	2017273024	2018346851	2018206706	2016203963	2015303142
<b>A01G 9 /-</b>	<b>A47J 31 /-</b>	2019203586	2018208773	<b>A61M 27 /-</b>	2016353547
2016295011	2018253612	<b>A61G 13 /-</b>	2018246024	2016203963	2018247243
<b>A01J 5 /-</b>	<b>A47L 15 /-</b>	2018289123	2018256060	<b>A61M 37 /-</b>	2018255557
2016292898	2019200018	<b>A61G 17 /-</b>	2018265257	2015352176	<b>A61P 43 /-</b>
<b>A01K 9 /-</b>	<b>A61B 10 /-</b>	2016281463	<b>A61K 48 /-</b>	<b>A61M 39 /-</b>	2016284398
2016354532	2019203558	<b>A61G 3 /-</b>	2014374516	2018346851	2018256060
<b>A01M 1 /-</b>	<b>A61B 17 /-</b>	2020202388	2016206624	<b>A61M 37 /-</b>	<b>A61P 7 /-</b>
2016271054	2015202802	<b>A61J 9 /-</b>	2018203832	2015352176	2016215124
<b>A01M 7 /-</b>	2015352176	2017418589	<b>A61K 8 /-</b>	<b>A61M 39 /-</b>	<b>A61Q 11 /-</b>
2018204579	2015381356	<b>A61K 31 /-</b>	2015389700	2014407125	2017387933
<b>A01N 43 /-</b>	2016203703	2014313782	2016332770	2019200616	<b>A61Q 17 /-</b>
2018271351	2016333413	2014398349	2017387933	<b>A61M 5 /-</b>	<b>A61Q 19 /-</b>
<b>A01N 65 /-</b>	2018346851	2015270418	2018251712	2016354532	2018251712
2019200905	2019200905	2015346219	<b>A61K 9 /-</b>	2019200616	<b>A61Q 19 /-</b>
2019201202	2019201202	2015374385	2014398349	<b>A61P 1 /-</b>	2016332770
2019201239	2019202236	2016206624	2016246414	2016353547	<b>A63B 63 /-</b>
<b>A23K 10 /-</b>	2019202236	2016238759	2018206706	2018256060	2016203489
2017358013	2019203558	2016240117	2018208773	<b>A61P 11 /-</b>	<b>A63F 13 /-</b>
<b>A23K 20 /-</b>	2019250241	2016284398	2018260883	2018256060	2018267641
2017358013	2019250241	2016303558	2018265257	<b>A61P 17 /-</b>	<b>A63H 29 /-</b>
<b>A23K 50 /-</b>	<b>A61B 18 /-</b>	2016332770	<b>A61L 15 /-</b>	<b>A61P 21 /-</b>	2019216693
2017358013	2015202802	2018204886	2016274604	2018203832	<b>A63H 33 /-</b>
<b>A23L 2 /-</b>	<b>A61B 3 /-</b>	2018206706	<b>A61L 2 /-</b>	<b>A61P 23 /-</b>	2019216693
2016251493	2015202802	2018246024	2016389460	2014398349	<b>B01D 1 /-</b>
<b>A23L 23 /-</b>	<b>A61B 34 /-</b>	2018256060	2017406828	<b>A61P 25 /-</b>	2016257085
2017352567	2018269372	2018265257	<b>A61L 27 /-</b>	2016206624	<b>B01D 3 /-</b>
<b>A23L 27 /-</b>	<b>A61B 5 /-</b>	2019202441	2016274604	2016238759	2015268686
2017352567	2018269372	2019203448	<b>A61L 29 /-</b>	2016303558	<b>B01D 46 /-</b>
<b>A44C 9 /-</b>	<b>A61B 34 /-</b>	<b>A61K 36 /-</b>	2017406828	2019203448	2019202262
2019202273	2015335808	2018255557	<b>A61L 31 /-</b>	<b>A61P 27 /-</b>	<b>B01D 53 /-</b>
<b>A47B 25 /-</b>	2018289123	<b>A61K 38 /-</b>	2016274604	2018265257	2015268686
2018282261	2015335808	2018250241	2018264049	<b>A61P 29 /-</b>	<b>B01F 13 /-</b>
	2018289123	2016215124	<b>A61L 31 /-</b>	2016353547	2018200698
	<b>A61B 5 /-</b>	2016246713	2016274604	2018256060	
	2016209038	2016353547	<b>A61L 9 /-</b>	2018206706	
	<b>A61C 8 /-</b>	2018203206	2016202404		
	2017415626	2018206758	2020204284		
	<b>A61D 7 /-</b>	2018208773	<b>A61M 1 /-</b>		
	2015311605	2018247243	2019200631		
	<b>A61E 13 /-</b>	2019200688	2019203586		
	2016354532	<b>A61K 39 /-</b>	<b>A61M 11 /-</b>		
	2015409656	2015209171	2016354532		
	2017407750	2015303142	2018206706		
		2016246713			
		2018203186			
		2018260883			
		<b>A61K 45 /-</b>			
		2016354532			

Applications Accepted - IPC Index cont'd

<b><u>B01F 17 /-</u></b>	2015316168	2016240394	<b><u>B65B 41 /-</u></b>	<b><u>C03C 25 /-</u></b>	<b><u>C07K 14 /-</u></b>
2015339100	<b><u>B24B 39 /-</u></b>	2016280022	2016276400	2016280022	2015374385
<b><u>B01F 3 /-</u></b>	2015317426	<b><u>B32B 23 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>C04B 24 /-</u></b>	2016206624
2016202404	<b><u>B25H 1 /-</u></b>	2016240394	2019204587	2016245911	2016215124
<b><u>B01F 5 /-</u></b>	2017375903	<b><u>B32B 29 /-</u></b>	<b><u>B65B 65 /-</u></b>	<b><u>C04B 28 /-</u></b>	2016246713
2018200698	<b><u>B25H 3 /-</u></b>	2016281463	2016276400	2016245911	2016303355
<b><u>B01J 13 /-</u></b>	2015330999	<b><u>B32B 3 /-</u></b>	<b><u>B65B 7 /-</u></b>	<b><u>C07C 211 /-</u></b>	2016353547
2018251712	<b><u>B25J 18 /-</u></b>	2016281463	2016276400	2015339100	2018203186
<b><u>B01J 19 /-</u></b>	2018289123	<b><u>B32B 37 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>C07C 237 /-</u></b>	2018203206
2015268686	<b><u>B25J 21 /-</u></b>	2017264579	2016276400	2015339100	2018205372
2016239601	2016218028	<b><u>B32B 5 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>C07C 273 /-</u></b>	<b><u>C07K 7 /-</u></b>
<b><u>B01J 8 /-</u></b>	<b><u>B25J 5 /-</u></b>	2016280022	2019257540	2016239601	2016353547
2018205516	2018289123	<b><u>B32B 7 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>C07C 275 /-</u></b>	2018247243
<b><u>B01L 1 /-</u></b>	<b><u>B27F 7 /-</u></b>	2016240394	2016256329	2016239601	<b><u>C08F 2 /-</u></b>
2016218028	2018203410	<b><u>B60R 11 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>C07D 401 /-</u></b>	2018282274
<b><u>B01L 3 /-</u></b>	<b><u>B28D 1 /-</u></b>	2016276603	2018203217	2016284398	<b><u>C08F 210 /-</u></b>
2018200698	2015316168	<b><u>B60R 9 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C07D 403 /-</u></b>	2018282274
2018250919	<b><u>B28D 7 /-</u></b>	2016276603	2019203059	2016284398	<b><u>C08F 4 /-</u></b>
<b><u>B01L 7 /-</u></b>	2015316168	<b><u>B61C 15 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C07D 413 /-</u></b>	2018282274
2018200698	<b><u>B29C 33 /-</u></b>	2018219837	2016256329	2016284398	<b><u>C08G 18 /-</u></b>
<b><u>B02C 17 /-</u></b>	2014407125	<b><u>B61C 17 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C07D 417 /-</u></b>	2016274604
2018330241	<b><u>B29C 45 /-</u></b>	2018219837	2018253612	2016284398	2017379866
<b><u>B02C 23 /-</u></b>	2014407125	<b><u>B62K 25 /-</u></b>	2019203059	<b><u>C07D 471 /-</u></b>	<b><u>C08L 23 /-</u></b>
2018330241	<b><u>B29C 65 /-</u></b>	2016224036	<b><u>B65D 88 /-</u></b>	2019202441	2017374897
<b><u>B02C 25 /-</u></b>	2019204587	<b><u>B63B 35 /-</u></b>	2016281463	<b><u>C07D 487 /-</u></b>	<b><u>C09C 3 /-</u></b>
2018330241	<b><u>B29K 75 /-</u></b>	2015367902	2018330241	2016303558	2018251712
<b><u>B05B 1 /-</u></b>	2014407125	<b><u>B63B 73 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C09K 8 /-</u></b>
2016242894	<b><u>B29K 77 /-</u></b>	2015367902	2016281463	2018204886	2015339100
<b><u>B05B 11 /-</u></b>	2014407125	<b><u>B63C 11 /-</u></b>	2018330241	<b><u>C07D 498 /-</u></b>	2016245911
2018204579	<b><u>B29L 31 /-</u></b>	2019201741	<b><u>B66C 15 /-</u></b>	2016303558	<b><u>C10G 1 /-</u></b>
<b><u>B05C 9 /-</u></b>	2014407125	<b><u>B64C 39 /-</u></b>	2018368813	<b><u>C07H 1 /-</u></b>	2018205516
2016200364	<b><u>B32B 1 /-</u></b>	2017289043	<b><u>B82Y 30 /-</u></b>	2016240117	<b><u>C10G 9 /-</u></b>
<b><u>B23D 45 /-</u></b>	2016281463	2017324060	2020201235	2016240117	2015339100
2015316168	<b><u>B32B 13 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B82Y 40 /-</u></b>	<b><u>C07H 17 /-</u></b>	<b><u>C10L 10 /-</u></b>
<b><u>B23D 47 /-</u></b>	2016240394	2017324060	2020201235	2016332770	2015339100
2015316168	<b><u>B32B 15 /-</u></b>	<b><u>B64D 39 /-</u></b>	<b><u>C01G 9 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C12G 3 /-</u></b>
<b><u>B23D 59 /-</u></b>	2017264579	2016328886	2020201235	2016240117	2018255557
2015316168	<b><u>B32B 17 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07J 17 /-</u></b>	<b><u>C12M 1 /-</u></b>
<b><u>B23D 61 /-</u></b>	2016276400	2016276400	2016257085	2016332770	2015365659
					2016259745
					2016389460

Applications Accepted - IPC Index cont'd

2018250919	<b><u>E01F 15/-</u></b>			2018252237	2017296412
<b><u>C12N 15/-</u></b>	2017279576	<b><u>E21B 47/-</u></b>	<b><u>G01B 13/-</u></b>	<b><u>G01V 1/-</u></b>	<b><u>G06T 15/-</u></b>
2014313782	<b><u>E01F 9/-</u></b>	2015261280	2016279927	2015261280	2017415626
2014374516		<b><u>E21D 15/-</u></b>	<b><u>G01B 7/-</u></b>	<b><u>G01V 11/-</u></b>	<b><u>G06T 5/-</u></b>
2016206624	2014295906	2019226144	2016216599	2015261280	2016203365
2016215124	<b><u>E02B 17/-</u></b>	2015370660	2018368813	2015234707	2016328886
2016294855		<b><u>E21D 9/-</u></b>	<b><u>G01D 5/-</u></b>	<b><u>G01V 3/-</u></b>	2017399711
2016359838	2015367902	2015370660	2015234707	2015234707	2017415626
2018200698	<b><u>E04B 1/-</u></b>	<b><u>F03D 5/-</u></b>	<b><u>G01F 19/-</u></b>	<b><u>G02B 27/-</u></b>	2018282261
2018203206	2014295906	2016269339	2018203217	2016359154	2018282262
2018205372	2016280022		<b><u>G01F 23/-</u></b>	2018368693	<b><u>G07C 11/-</u></b>
<b><u>C12N 5/-</u></b>		<b><u>F03D 80/-</u></b>	<b><u>G01F 23/-</u></b>	<b><u>G02B 5/-</u></b>	2018282261
2016206624	<b><u>E04B 2/-</u></b>	2018327223	2016279927	2015385869	2018282262
2016215124		<b><u>F04B 43/-</u></b>	<b><u>G01L 9/-</u></b>	2018368692	<b><u>G08B 29/-</u></b>
2018247243	2015348437	2019202483	2016279927	<b><u>G03B 41/-</u></b>	2018200224
<b><u>C12N 7/-</u></b>	<b><u>E04C 2/-</u></b>	<b><u>F04B 49/-</u></b>	<b><u>G01M 3/-</u></b>	2015202235	<b><u>G08B 6/-</u></b>
2016206624	2016240394	2015410689	2017406828	<b><u>G05D 1/-</u></b>	2016359154
2016359838	<b><u>E04G 1/-</u></b>	<b><u>F16B 2/-</u></b>	<b><u>G01N 21/-</u></b>	2016328886	<b><u>G08C 21/-</u></b>
2018203186		2015330999	2015202235	2019200000	
<b><u>C12N 9/-</u></b>	2016202898	<b><u>F16C 13/-</u></b>	2017324053	<b><u>G05D 23/-</u></b>	2015234707
2014312168	<b><u>E04G 21/-</u></b>	2016250934	<b><u>G01N 23/-</u></b>	2015340213	<b><u>G08G 1/-</u></b>
<b><u>C12P 19/-</u></b>	2016202898	<b><u>F16C 19/-</u></b>	2015202235	<b><u>G05F 1/-</u></b>	2018368813
2016332770	<b><u>E04G 3/-</u></b>	2016250934	<b><u>G01N 24/-</u></b>	2018394695	<b><u>G09G 3/-</u></b>
<b><u>C12P 21/-</u></b>	2016202898	<b><u>F16F 1/-</u></b>	2015202235	<b><u>G05G 1/-</u></b>	2018204220
2015209171	<b><u>E04H 12/-</u></b>	2016308737	<b><u>G01N 33/-</u></b>	2018204926	<b><u>G09G 5/-</u></b>
2016215124		<b><u>F16H 7/-</u></b>	2015365659	<b><u>G06F 11/-</u></b>	2016359154
2018203206	2014295906	2016247118	2017324053	2018290758	<b><u>G10L 15/-</u></b>
<b><u>C12P 33/-</u></b>	<b><u>E05B 47/-</u></b>	<b><u>F16K 99/-</u></b>	<b><u>G01N 35/-</u></b>	<b><u>G06F 3/-</u></b>	2016209220
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<b><u>C12Q 1/-</u></b>	<b><u>E05B 65/-</u></b>	<b><u>F21K 9/-</u></b>	<b><u>G01R 1/-</u></b>	2016359154	<b><u>G16B 40/-</u></b>
2015365659		2016202404	2018278939	2019203552	2017362569
2016389460	<b><u>E05D 11/-</u></b>	<b><u>F21V 9/-</u></b>	<b><u>G01R 19/-</u></b>	<b><u>G06F 40/-</u></b>	<b><u>G21F 7/-</u></b>
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<b><u>C22B 21/-</u></b>	<b><u>E06B 1/-</u></b>	2018200698	2018278939	<b><u>G06N 3/-</u></b>	<b><u>H01B 7/-</u></b>
2018229563	<b><u>E06B 3/-</u></b>	<b><u>F24F 13/-</u></b>	2019201005	2017362569	2019201741
<b><u>C22B 59/-</u></b>	2016218028	<b><u>F24S 25/-</u></b>	<b><u>G01R 33/-</u></b>	2017415626	<b><u>H01G 11/-</u></b>
2018205516		2019203366	2016216599	<b><u>G06Q 10/-</u></b>	2020201235
<b><u>C25B 11/-</u></b>	2016218028	2018259337	2016216599	2017289043	<b><u>H01H 23/-</u></b>
2018229563	<b><u>E21B 25/-</u></b>	2017344076	2016328886	2017296412	2015293775
<b><u>D21J 3/-</u></b>	2019257540	<b><u>F28D 7/-</u></b>	<b><u>G01S 17/-</u></b>	<b><u>G06Q 20/-</u></b>	<b><u>H01J 63/-</u></b>
2016281463	<b><u>E21B 29/-</u></b>	2016221799	<b><u>G01S 5/-</u></b>	2015298533	2015356542
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<b><u>E01C 23/-</u></b>	2018235703				
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	2015410689				

Applications Accepted - IPC Index cont'd

<b><u>H01J 9 /-</u></b>	<b><u>H04N 19 /-</u></b>
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<b><u>H01L 31 /-</u></b>	<b><u>H04N 21 /-</u></b>
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<b><u>H01M 10 /-</u></b>	<b><u>H04N 5 /-</u></b>
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<b><u>H01M 2 /-</u></b>	<b><u>H04R 1 /-</u></b>
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<b><u>H02B 7 /-</u></b>	<b><u>H04S 7 /-</u></b>
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<b><u>H02G 9 /-</u></b>	<b><u>H04W 60 /-</u></b>
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<b><u>H02J 4 /-</u></b>	<b><u>H04W 88 /-</u></b>
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<b><u>H02K 15 /-</u></b>	
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<b><u>H02P 6 /-</u></b>	
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<b><u>H02S 40 /-</u></b>	
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2018228890	
<b><u>H04M 1 /-</u></b>	
2018263023 2019203071	
<b><u>H04N 1 /-</u></b>	
2019203552	

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**2017204276 **KANGATECH PTY LTD** ( Vald Performance Pty Ltd )**Applications Withdrawn**2016262780 **CEAG Notlichtsysteme GmbH** ( Clevertronics Pty Ltd )**Patents Granted****Standard Patents**

2013263803 2013401453 2013402190 2014227711  
 2014229563 2014240342 2014250733 2014252706  
 2014269927 2014274135 2014279065 2014286296  
 2014286595 2014292288 2014310564 2014313779  
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**Patents Granted****Standard Patents**

2017308688 2017308724 2017309292 2017309925  
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 2017324927 2017325116 2017325356 2017325913  
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**Innovation Patents**

2016102444 2016102445 2017101883 2019101532  
 2020100579 2020100956 2020100979 2020101010  
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 2020101234 2020101235 2020101236 2020101237  
 2020101238 2020101240 2020101241 2020101242  
 2020101243

**Offer to Surrender**

It is hereby notified that **CoDa Therapeutics Limited 3/4 Crescent Road , Epsom Auckland 1003** , the Patentee of Patent 2018200149 dated 02.07.2020 for an invention titled ' Anti-connexin compounds and uses thereof ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2001247604 Linkshare Corporation The patent has been assigned to **Rakuten USA, Inc.**

**Assignments Registered**

2009221969 Les Laboratoires Servier; Armgo Pharma Inc. The patent has been assigned to **Armgo Pharma Inc.**

2010270601 Bridge Energy Group, Inc. The patent has been assigned to **Accenture Global Solutions Limited**

2010326600 Biouniversa S.R.L. The patent has been assigned to **Intrepida Bio, Inc.**

2011282250 Kitty Hawk Corporation The patent has been assigned to **Wisk Aero LLC**

2011290544 Clive-Smith, Martin The patent has been assigned to **Trans-Rak International Limited**

2012202527 Kitty Hawk Corporation The patent has been assigned to **Wisk Aero LLC**

2012283923 Kitty Hawk Corporation The patent has been assigned to **Wisk Aero LLC**

2012313396 Kitty Hawk Corporation The patent has been assigned to **Wisk Aero LLC**

2013248313 Armgo Pharma Inc.; Les Laboratoires Servier The patent has been assigned to **Armgo Pharma Inc.**

2014202607 Kitty Hawk Corporation The patent has been assigned to **Wisk Aero LLC**

2014296072 Liqwd, Inc. The patent has been assigned to **Olaplex, Inc.**

2014332306 May, Mark The patent has been assigned to **iReamer LLC**

2015100908 Coronet Caravans Pty Ltd The patent has been assigned to **Phillips, Andrew**

2015231317 NEC Corporation The patent has been assigned to **DENSO CORPORATION**

2017100510 SUVLA PROPERTIES PTY LTD; SCAFCLAD PTY LTD The patent has been assigned to **Scafclad Pty Ltd; DRE Sitemax Pty Ltd; JD Sitemax Pty Ltd; ML Sitemax Pty Ltd**

2017100950 Liqwd, Inc. The patent has been assigned to **Olaplex, Inc.**

2017101062 Willow Technology Corporation Pty Limited The patent has been assigned to **Willow IP Pty Ltd**

2017101063 Willow Technology Corporation Pty Limited The patent has been assigned to **Willow IP Pty Ltd**

2017101311 Willow Technology Corporation Pty Limited The patent has been assigned to **Willow IP Pty Ltd**

2017101312 Willow Technology Corporation Pty Limited The patent has been assigned to **Willow IP Pty Ltd**

2017320870 Milacron LLC; ALTIUM PACKAGING LP The patent has been assigned to **ALTIUM PACKAGING LP; UNILOY, INC.**

2018203448 NEC Corporation The patent has been assigned to **DENSO CORPORATION**

2018279023 ALTIUM PACKAGING LP; Milacron LLC The patent has been assigned to **ALTIUM PACKAGING LP; UNILOY, INC.**

2019100492 Suvla Properties Pty Ltd; Scafclad Pty Ltd The patent has been assigned to **Scafclad Pty Ltd; DRE Sitemax Pty Ltd; JD Sitemax Pty Ltd; ML Sitemax Pty Ltd**

2019100918 Liqwd, Inc. The patent has been assigned to **Olaplex, Inc.**

2019100919 Liqwd, Inc. The patent has been assigned to **Olaplex, Inc.**

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2018204540 Nemaska Lithium Inc. ( OMF Fund II (N) Ltd. )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2013294915 **Camurus AB**

The earliest first regulatory approval date provided by the patentee 28 Nov 2018

For the goods BUVIDAL MONTHLY buprenorphine

Address for service : Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

2003304497 **Wyeth LLC**

The earliest first regulatory approval date provided by the patentee 15 Mar 2019

For the goods NERLYNX neratinib (as maleate)

Extension of Term of patent pursuant to Section 77 expires on 15 Oct 2028

**Corrigenda**

In Vol 32 , No 16 , Page(s) 2339 under the heading **Assignments Registered** Under the name Coronet Caravans, Application No. 2015100908, Under INID (71) correct the applicant name to Coronet Caravans Pty Ltd

In Vol 33 , No 25 , Page(s) 3582 under the heading **Assignments Before Grant, Section 113 - 2016** Under the name ROC WATER TECHNOLOGIES (PTY) LTD, Patent Application No. 2016405754, under INID (71) correct applicant name to ROC WATER TECHNOLOGIES (PTY) LTD

In Vol 34 , No 26 , Page(s) 3634 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Jolley Enterprises, LLC; Application No.2018368804, under INID (72) remove co-inventor Jolley Enterprises, LLC; under INID (72) correct co-inventor name to Michael Jolley and Kenneth Courian

In Vol 34 , No 28 , Page(s) 3927 under the heading **Amendments - Amendments Made** Under the name Hefei University of Technology, Application No. 2020101115, under INID (54) correct the title to Computed Tomography (CT) System and CT Image Reconstruction Method