



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 1 Sep 2020 .

|   |   |   |
|---|---|---|
| <hr/> <p>(71) A60N GROUP PTY LTD; Borvek Pty Ltd<br/>(21) 2020903110 (22) 31.08.2020<br/>(54) A chemical to remove Mg(OH)<sub>2</sub> from sub-sea equipment.</p> <hr/> <p>(71) Active DOMAINS AND WEB PTY LIMITED<br/>(21) 2020903079 (22) 28.08.2020<br/>(54) A consumable digital profiling and matching system</p> <hr/> <p>(71) AGT-1 Pty Ltd<br/>(21) 2020903137 (22) 02.09.2020<br/>(54) Beneficiation of Pyrochlore</p> <hr/> <p>(71) Ahearne, C.<br/>(21) 2020903077 (22) 28.08.2020<br/>(54) Mobile thickener apparatus</p> <hr/> <p>(71) Aleknavicius, J.<br/>(21) 2020903192 (22) 07.09.2020<br/>(54) SYSTEM AND METHOD OF REWARDING RECIPIENTS FOR RECEIVING DISTRIBUTED INFORMATION</p> <hr/> <p>(71) All Vascular Pty Limited<br/>(21) 2020903194 (22) 07.09.2020<br/>(54) INTRACORPOREAL VASCULAR ACCESS DEVICE</p> <hr/> <p>(71) Amarula Pty Ltd<br/>(21) 2020903086 (22) 28.08.2020<br/>(54) Spacer Device</p> <hr/> <p>(71) Apollo Biopharma Pty Ltd<br/>(21) 2020903123 (22) 01.09.2020<br/>(54) Topical Pharmaceutical Formulation for Wound Treatment</p> <hr/> | <p>(71) Aquila Active Health Care Pty Ltd<br/>(21) 2020903072 (22) 27.08.2020<br/>(54) Method for Emptying and Changing an Attached Ostomy Pouch</p> <hr/> <p>(71) Astral Property Pty Ltd<br/>(21) 2020903193 (22) 07.09.2020<br/>(54) Geocellular Soil Stabiliser</p> <hr/> <p><b>Baker, M. see PERRETT, J.</b><br/>(21) 2020903161</p> <hr/> <p>(71) Baseline Asset Technologies Pty Ltd<br/>(21) 2020903102 (22) 31.08.2020<br/>(54) Conveyor belts arranged for measurement of wear</p> <hr/> <p>(71) bentley, w.<br/>(21) 2020903145 (22) 03.09.2020<br/>(54) Bread Bun Warming Device</p> <hr/> <p>(71) BHARANI, P.<br/>(21) 2020903115 (22) 01.09.2020<br/>(54) All the Mission critical system across the 5 eyes countries( AUS, US, CANADA,UK,NZ) only needs to be hosted on IPV6 systems where the core data resides and only the application point in time access should be granted. If required they need to be tunnelled through IPV4 for legacy connectivity. This will enable the Joint strike focus and other secret mission to communicate among themselves faster across the continent with security built in end to end for the communication channel .</p> <hr/> <p><b>Borvek Pty Ltd see A60N GROUP PTY LTD</b><br/>(21) 2020903110</p> <hr/> <p>(71) Captix Biomedical Pty Ltd<br/>(21) 2020903174 (22) 04.09.2020<br/>(54) Bone Implant</p> <hr/> | <p><b>Carter, K. see PERRETT, J.</b><br/>(21) 2020903161</p> <hr/> <p>(71) CENTRE FOR EYE RESEARCH AUSTRALIA LIMITED; THE UNIVERSITY OF MELBOURNE; HERIOT EYECARE PTY. LTD.<br/>(21) 2020903130 (22) 02.09.2020<br/>(54) LASER METHOD, DEVICE AND SYSTEM FOR TREATING RETINAL DETACHMENT</p> <hr/> <p>(71) Ces, S.<br/>(21) 2020903113 (22) 31.08.2020<br/>(54) Retractable Lead</p> <hr/> <p>(71) CFT Technologies Pty Ltd<br/>(21) 2020903158 (22) 03.09.2020<br/>(54) METHOD AND APPARATUS FOR ASSISTING IN EXTRACTION OF FLUID FROM COAL-SEAMS</p> <hr/> <p>(71) CGEN STIM Pty Ltd<br/>(21) 2020903171 (22) 04.09.2020<br/>(54) NERVE STIMULATION SYSTEM</p> <hr/> <p>(71) Chapman, B.<br/>(21) 2020903172 (22) 04.09.2020<br/>(54) A Wastewater Pump</p> <hr/> <p>(71) Chrysos Corporation Limited<br/>(21) 2020903133 (22) 02.09.2020<br/>(54) IMPROVEMENTS IN GAMMA-ACTIVATION ANALYSIS MEASUREMENTS</p> <hr/> <p>(71) Ciucci, F.<br/>(21) 2020903101 (22) 30.08.2020<br/>(54) CONCRETE SLEEPER RETAINING WALL INSTALLATION ASSEMBLY</p> <hr/> |
|---|---|---|

Provisional Applications Filed - Name Index cont'd

(71) Clipex IP Limited  
(21) 2020903169 (22) 04.09.2020  
(54) Livestock management system and method

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2020903085 (22) 28.08.2020  
(54) Characterising SQUID arrays

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2020903089 (22) 28.08.2020  
(54) ENVIRONMENTAL DNA SAMPLING

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2020903093 (22) 28.08.2020  
(54) Improved cofactor production

(71) Curtis, M.  
(21) 2020903127 (22) 01.09.2020  
(54) A garment for providing power to electric devices

(71) Davies, A.  
(21) 2020903094 (22) 28.08.2020  
(54) Method of Returning to an Alternative Return Address

(71) Davis, R.  
(21) 2020903166 (22) 04.09.2020  
(54) Renewable Hydro Power

(71) debs, b.  
(21) 2020903114 (22) 31.08.2020  
(54) WATER BRIX BOLLARD AND RETAINER IS A NEW AND INNOVATIVE BUILDERS AND LANDSCAPERS PRODUCT THAT REPLACES RAILWAY SLEEPERS AND HEAVY RETAINER WALLS OR PARTITIONS.ITS A LIGHT WEIGHT HOLLOW PLASTIC OR POLYCARB SLEEPER OR LARGE BRICK OR WALL,THAT IS EASILY FREIGHTED OR MOVED INTO PLACE,THEN WHEN FILLED WITH WATER,TAKES ON FULL WEIGHT.SO LIGHT WEIGHT FOR BUILDING CONSTRUCTION,CAN BE BOLTED TOGETHER EASILY,AND ALSO CAN BE DISMANTLED AND DRAINED WITH WATER,AND MOVED.THIS INVENTION REVOLUTIONISES HEAVY BUILDING AND LANDSCAPING WITH A VAST ARRAY OF USES.IT CAN LOOK LIKE A RAIL SLEEPER OR CONCRETE WALL

(71) Diamant, N.  
(21) 2020903153 (22) 03.09.2020  
(54) The refund system, method and process for item purchased, received and pre-returned.

(71) Earthling 3.0 Pty Ltd  
(21) 2020903125 (22) 01.09.2020  
(54) Grounded clothing

(71) EAST COAST INNOVATIONS PTY LIMITED  
(21) 2020903151 (22) 03.09.2020  
(54) The Green Donkey (ASS hole saw TM) hole saw.

(71) Eisner, A.  
(21) 2020903129 (22) 01.09.2020  
(54) School and workplace security furniture

(71) Eldridge, J.  
(21) 2020903168 (22) 04.09.2020  
(54) FACE MASK WITH UNIQUE PEAK GUSSET

(71) First Pack Pty Ltd  
(21) 2020903142 (22) 02.09.2020  
(54) Tamper Evident Pizza Box

(71) Freightquip Pty Ltd  
(21) 2020903087 (22) 28.08.2020  
(54) Bulker container

(71) Gale, S.W.  
(21) 2020903097 (22) 28.08.2020  
(54) Mass estimating systems and methods

(71) Hayes, R.  
(21) 2020903088 (22) 28.08.2020  
(54) Pool cleaning

(71) HeiQ Pty Ltd  
(21) 2020903096 (22) 28.08.2020  
(54) COMPOSITION AND METHOD FOR PROVIDING WATER-REPELLENCY

(71) Henderson, J.  
(21) 2020903167 (22) 04.09.2020  
(54) SYSTEM AND METHOD FOR ENABLING REAL-TIME SELECTION AND ACCETANCE OF A SERVICE OFFERING

**HERIOT EYECARE PTY. LTD. see CENTRE FOR EYE RESEARCH AUSTRALIA LIMITED**  
(21) 2020903130

(71) HUGHES, A.M.  
(21) 2020903160 (22) 03.09.2020  
(54) A COLLAPSIBLE DRYING RACK FOR UTENSILS

(71) Jiggyhub Pty Ltd  
(21) 2020903104 (22) 31.08.2020  
(54) Carrier for cables

(71) K & L Ea Pty Ltd  
(21) 2020903173 (22) 04.09.2020  
(54) TRIPOD

(71) KDH Design Co., Ltd.  
(21) 2020903198 (22) 07.09.2020  
(54) LIGHT GUIDING APPARATUS AND GUIDING METHOD THEREOF

(71) Kinoxis Therapeutics Pty Ltd  
(21) 2020903196 (22) 07.09.2020  
(54) Salts and crystals

(71) Kudzius, A.; Lee, L.  
(21) 2020903109 (22) 31.08.2020  
(54) INFECTION CONTROL SYSTEM

(71) Lamak Pty Ltd  
(21) 2020903175 (22) 04.09.2020  
(54) Temperature controlled container

**Lee, L. see Kudzius, A.**  
(21) 2020903109

(71) Marton, S.  
(21) 2020903121 (22) 01.09.2020  
(54) An animal walking accessory

(71) May, P.A.J.  
(21) 2020903139 (22) 02.09.2020  
(54) A SPIRAL WRAP

(71) McEnallay, J.  
(21) 2020903155 (22) 03.09.2020  
(54) Hire a Pool

(71) McGovern, M.  
(21) 2020903144 (22) 02.09.2020  
(54) Golf Swing Aid

(71) McLeod, A.  
(21) 2020903100 (22) 30.08.2020  
(54) Polly the card game is based on the English alphabet,vowels and the digraphs of language. Deck consists of 96 cards and intended for people are new to the language or enjoy word games. Card Game that assists in the understanding of the structure and sound of words through game play.

(71) Metal Testing Pty Ltd  
(21) 2020903190 (22) 07.09.2020  
(54) A TRACK GUIDE ASSEMBLY

Provisional Applications Filed - Name Index cont'd

(71) Moroz Technologies Pty Ltd  
 (21) 2020903092 (22) 28.08.2020  
 (54) SYSTEM AND METHOD FOR TREATING HEMATOLOGIC PATHOLOGIES

(71) Moukatas, C.  
 (21) 2020903143 (22) 02.09.2020  
 (54) Storage bag for transporting artwork.

(71) MTI Group Pty Ltd  
 (21) 2020903128 (22) 01.09.2020  
 (54) Depth Indicator for downhole article

(71) Murdoch University  
 (21) 2020903117 (22) 01.09.2020  
 (54) A Method for Controlling Field Insects

(71) Murdoch University  
 (21) 2020903118 (22) 01.09.2020  
 (54) Method for the Control of Insects in Stored Products and Structures

(71) nakhoul, I.  
 (21) 2020903152 (22) 03.09.2020  
 (54) TPD- Technakhoul Parking Detector

Newton, S. see PERRETT, J.  
 (21) 2020903161

(71) Ngo, D.T.  
 (21) 2020903136 (22) 02.09.2020  
 (54) A lightweight concrete solution for timber-concrete composite floor system

(71) Noxopharm Limited  
 (21) 2020903157 (22) 03.09.2020  
 (54) Improved isoflavone formulation

(71) O'Malley, J.  
 (21) 2020903078 (22) 28.08.2020  
 (54) Decking board pre-drilling apparatus

(71) Opaque Investments Pty Ltd  
 (21) 2020903147 (22) 03.09.2020  
 (54) BLADELESS INTUBATING LARYNGOSCOPE SYSTEM

(71) OPEC Remediation Technologies Pty Ltd  
 (21) 2020903200 (22) 07.09.2020  
 (54) METHOD AND APPARATUS FOR SEPARATION OF A DILUTE SUBSTANCE FROM WATER

(71) OrkaWyze Pty Ltd  
 (21) 2020903126 (22) 01.09.2020  
 (54) Improved Torque Transmitting Device

(71) Pacific Arrow Limited  
 (21) 2020903124 (22) 01.09.2020  
 (54) METHOD OF INDUCING INHIBITOR OF GROWTH (ING) FOR TREATING CANCER AND NON-NEOPLASTIC DISORDERS

(71) PERRETT, J.; Wilds, A.; Carter, K.; Sephton Perrett, L.; Tarrant, A.; Newton, S.; Baker, M.  
 (21) 2020903161 (22) 03.09.2020  
 (54) APPARATUS AND METHOD FOR EARLY WARNING OF SINGLE OR REPEATED HEAD IMPACTS IN RUGBY FOOTBALL AND OTHER SIMILAR CONTACT BALL SPORTS

(71) Pitts, R.  
 (21) 2020903080 (22) 28.08.2020  
 (54) An audio media streaming synchronisation and interaction system

(71) POQ Pty Ltd  
 (21) 2020903108 (22) 31.08.2020  
 (54) Electronic payments systems, method and apparatus

(71) PreveCeutical Medical Inc.  
 (21) 2020903103 (22) 31.08.2020  
 (54) Cannabinoid Formulations and Methods of Use

(71) Proa Analytics Pty Ltd  
 (21) 2020903149 (22) 03.09.2020  
 (54) Wildlife Deterrent System and Method for Environmental Instrumentation

(71) REDSBABY PTY. LTD.  
 (21) 2020903120 (22) 01.09.2020  
 (54) Baby carrier

(71) ResMed Pty Ltd  
 (21) 2020903106 (22) 31.08.2020  
 (54) A MASK

(71) ResMed Pty Ltd  
 (21) 2020903112 (22) 31.08.2020  
 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) Ricegrowers Limited  
 (21) 2020903107 (22) 31.08.2020  
 (54) Apparatus and System for Assessing Paddy Rice Grains

(71) RICHARD CRAIG & ASSOCIATES PTY LTD  
 (21) 2020903116 (22) 01.09.2020  
 (54) This is an educational and developmental soft toy – named Zhingee - aimed at ex-

posing babies and small children to various languages, to reduce intolerance of other cultures. The toy is designed for children, from newly born babies, up to five years old. The toy is brightly colored, ball-shaped and about the size of a cantaloupe. When activated, the toy plays eight or more different, friendly, warm and inspirational messages. Each message is in a different language. Every message has gentle, lullaby music playing in the background. Each message runs for around 10 seconds.

(71) Robert Bosch (Australia) Pty Ltd  
 (21) 2020903195 (22) 07.09.2020  
 (54) METHOD OF PACKAGING A RECTIFYING DEVICE AND A RECTIFYING DEVICE

(71) Rubicon Research Pty Ltd  
 (21) 2020903090 (22) 28.08.2020  
 (54) METHOD AND SYSTEM TO ASCERTAIN THE REFILL POINT OR TARGET DEFICIT FOR CROP IRRIGATION

(71) Saluda Medical Pty Limited  
 (21) 2020903082 (22) 28.08.2020  
 (54) Neurostimulation Responsive to Posture

(71) Saluda Medical Pty Limited  
 (21) 2020903083 (22) 28.08.2020  
 (54) Improved Feedback Control of Neurostimulation

(71) Saluda Medical Pty Limited  
 (21) 2020903091 (22) 28.08.2020  
 (54) Hybrid feedback loop control of neuromodulation device

(71) Saluda Medical Pty Limited  
 (21) 2020903095 (22) 28.08.2020  
 (54) Dual gain feedback loop control of neuromodulation device

Sephton Perrett, L. see PERRETT, J.  
 (21) 2020903161

(71) Serinus Security Pty Ltd  
 (21) 2020903138 (22) 02.09.2020  
 (54) A Device and Process for Detecting Sources of Wireless Data Packets in a Wireless Network Environment

(71) SIAWTON PTY LTD  
 (21) 2020903122 (22) 01.09.2020  
 (54) My Travel Bubble (MTB) - HEPA Filtration Positive Pressure (+PS) Full Face and Head Helmet is a wearable powered air filtration device for use by a single user when traveling on long journeys in a crowded confined space such as bus, train or airplane for protection against micro fluid particle

Provisional Applications Filed - Name Index cont'd

spray while providing a continuous supply of freshly filtered air.

(71) Smeeke, R.C.  
(21) 2020903119 (22) 01.09.2020  
(54) Removable load carrying liner and interchangeable trailer system

(71) Solidcost T/A Rubix Design  
(21) 2020903098 (22) 30.08.2020  
(54) The "Rubix Internal Cylindrical Lifter" is a mechanically designed lifting device which utilises bearings, lifting arms and a specially designed shaft to facilitate lifting machines (such as forklifts and cranes) to pick up, move and release these cylindrical objects without the need for operator intervention.

(71) Spaceair Pty Ltd  
(21) 2020903146 (22) 03.09.2020  
(54) COLLAPSIBLE INHALER SPACER

(71) Sparkes, S.  
(21) 2020903164 (22) 04.09.2020  
(54) The Pulverizer

(71) Starpharma Pty Ltd  
(21) 2020903111 (22) 31.08.2020  
(54) Dendrimer-drug conjugate

(71) Stockphoto.com Pty Ltd  
(21) 2020903163 (22) 03.09.2020  
(54) Content Distribution

(71) Stonehaven Incubate AG  
(21) 2020903150 (22) 03.09.2020  
(54) Composition and uses thereof

Tarrant, A. see PERRETT, J.  
(21) 2020903161

(71) Tekt Industries Pty Ltd  
(21) 2020903084 (22) 28.08.2020  
(54) System for monitoring usage of sanitary product

(71) Telethon Kids Institute  
(21) 2020903159 (22) 03.09.2020  
(54) System and method for delivery of a therapeutic agent by inhalation

(71) The Australian National University  
(21) 2020903073 (22) 28.08.2020  
(54) Systems and Methods for Sagnac Interferometry

(71) The Trustee for H Tree Family Trust  
(21) 2020903099 (22) 30.08.2020  
(54) FLEXIBLE AND EXTENDABLE HOOK DEVICE TO RETRIEVE ARTICLES FROM DIFFICULT TO REACH PLACES, THE VACUUM CLEANER LINT EXTRACTOR (VCLE), HANDY CAR HOOK (HCH), UTILITY AND TRAILER HOOK (UTH)

(71) THE UNIVERSITY OF ADELAIDE  
(21) 2020903156 (22) 03.09.2020  
(54) Noise Tolerant Memory Fingerprints from Commodity Devices

(71) The University of Melbourne  
(21) 2020903132 (22) 02.09.2020  
(54) Methods of detecting and/or diagnosing brain cancer

(71) The University of Melbourne  
(21) 2020903199 (22) 07.09.2020  
(54) FILTER ARRAY DETECTOR ARRAY SPECTROMETER

THE UNIVERSITY OF MELBOURNE see CENTRE FOR EYE RESEARCH AUSTRALIA LIMITED  
(21) 2020903130

(71) The University of Queensland  
(21) 2020903176 (22) 04.09.2020  
(54) METHOD AND SYSTEM FOR PROCESSING ELECTRONIC LEARNING RESOURCES TO DETERMINE QUALITY RATINGS VIA LEARNER-SOURCING

(71) Torres, A.  
(21) 2020903131 (22) 02.09.2020  
(54) The production of a colloidal copper composition by electrosynthesis with multi purpose usage

(71) Torres, A.  
(21) 2020903134 (22) 02.09.2020  
(54) The production of an aqueous colloidal copper composition by electrosynthesis, with multi purpose usage

(71) ViGa Pty Ltd  
(21) 2020903141 (22) 02.09.2020  
(54) Method for Producing a Melanin-Containing Composition

(71) Waugh, R.  
(21) 2020903162 (22) 03.09.2020  
(54) Bottle stacker. A holder to stack bottles or cans.

(71) we-do-IT Products Pty Ltd  
(21) 2020903075 (22) 28.08.2020  
(54) An Artificial Intelligence (AI) pattern matching system for automated cadastral epoch reference layer conflation

(71) WEIR MINERALS AUSTRALIA LTD  
(21) 2020903105 (22) 31.08.2020  
(54) PUMP APPARATUS FOR REDUCING THE SIZE OF SUSPENDED SOLIDS BEFORE PUMPING

(71) Welspring Pty Ltd  
(21) 2020903148 (22) 03.09.2020  
(54) Fluid-resistant textile article

(71) WHITLOCK, J.  
(21) 2020903165 (22) 04.09.2020  
(54) Shop fitting system and assembly

Wilds, A. see PERRETT, J.  
(21) 2020903161

(71) Woodside Energy Technologies Pty Ltd  
(21) 2020903140 (22) 02.09.2020  
(54) SMALL SCALE PORTABLE SPRAY GUN

(71) Worldwide Truss and Frame Pty Ltd  
(21) 2020903170 (22) 04.09.2020  
(54) A Building Frame and A Bracing Channel

(71) Wylde-Browne, B.  
(21) 2020903191 (22) 07.09.2020  
(54) A DEVICE FOR HITTING A BALL

(71) Xie, M.  
(21) 2020903154 (22) 03.09.2020  
(54) Toy arrangement

(71) Zemla Pty Ltd  
(21) 2020903135 (22) 02.09.2020  
(54) A Slab, Formwork and a Method of Constructing a Slab

Numerical Index

|                   |   |                   |   |
|-------------------|---|-------------------|---|
| <b>2020903072</b> | Aquila Active Health Care Pty Ltd   | <b>2020903138</b> | Serinus Security Pty Ltd  |
| <b>2020903073</b> | The Australian National University  | <b>2020903139</b> | May, P.A.J.   |
| <b>2020903075</b> | we-do-IT Products Pty Ltd   | <b>2020903140</b> | Woodside Energy Technologies Pty Ltd  |
| <b>2020903077</b> | Ahearne, C.   | <b>2020903141</b> | ViGa Pty Ltd  |
| <b>2020903078</b> | O'Malley, J.  | <b>2020903142</b> | First Pack Pty Ltd  |
| <b>2020903079</b> | Active DOMAINS AND WEB PTY LIMITED  | <b>2020903143</b> | Moukatas, C.  |
| <b>2020903080</b> | Pitts, R.   | <b>2020903144</b> | McGovern, M.  |
| <b>2020903082</b> | Saluda Medical Pty Limited  | <b>2020903145</b> | bentley, w.   |
| <b>2020903083</b> | Saluda Medical Pty Limited  | <b>2020903146</b> | Spaceair Pty Ltd  |
| <b>2020903084</b> | Tekt Industries Pty Ltd   | <b>2020903147</b> | Opaque Investments Pty Ltd  |
| <b>2020903085</b> | Commonwealth Scientific and Industrial Research Organisation                                      | <b>2020903148</b> | Welspring Pty Ltd   |
| <b>2020903086</b> | Amarula Pty Ltd   | <b>2020903149</b> | Proa Analytics Pty Ltd  |
| <b>2020903087</b> | Freightquip Pty Ltd   | <b>2020903150</b> | Stonehaven Incubate AG  |
| <b>2020903088</b> | Hayes, R.   | <b>2020903151</b> | EAST COAST INNOVATIONS PTY LIMITED  |
| <b>2020903089</b> | Commonwealth Scientific and Industrial Research Organisation                                      | <b>2020903152</b> | nakhoul, I.   |
| <b>2020903090</b> | Rubicon Research Pty Ltd  | <b>2020903153</b> | Diamant, N.   |
| <b>2020903091</b> | Saluda Medical Pty Limited  | <b>2020903154</b> | Xie, M.   |
| <b>2020903092</b> | Moroz Technologies Pty Ltd  | <b>2020903155</b> | McEnallay, J.   |
| <b>2020903093</b> | Commonwealth Scientific and Industrial Research Organisation                                      | <b>2020903156</b> | THE UNIVERSITY OF ADELAIDE  |
| <b>2020903094</b> | Davies, A.  | <b>2020903157</b> | Noxopharm Limited   |
| <b>2020903095</b> | Saluda Medical Pty Limited  | <b>2020903158</b> | CFT Technologies Pty Ltd  |
| <b>2020903096</b> | HeiQ Pty Ltd  | <b>2020903159</b> | Telethon Kids Institute   |
| <b>2020903097</b> | Gale, S.W.  | <b>2020903160</b> | HUGHES, A.M.  |
| <b>2020903098</b> | Solidcost T/A Rubix Design  | <b>2020903161</b> | PERRETT, J.; Wilds, A.; Carter, K.; Sephton Perrett, L.; Tarrant, A.; Newton, S.; Baker, M. |
| <b>2020903099</b> | The Trustee for H Tree Family Trust   | <b>2020903162</b> | Waugh, R.   |
| <b>2020903100</b> | McLeod, A.  | <b>2020903163</b> | Stockphoto.com Pty Ltd  |
| <b>2020903101</b> | Ciucci, F.  | <b>2020903164</b> | Sparkes, S.   |
| <b>2020903102</b> | Baseline Asset Technologies Pty Ltd   | <b>2020903165</b> | WHITLOCK, J.  |
| <b>2020903103</b> | PreveCeutical Medical Inc.  | <b>2020903166</b> | Davis, R.   |
| <b>2020903104</b> | Jiggyhub Pty Ltd  | <b>2020903167</b> | Henderson, J.   |
| <b>2020903105</b> | WEIR MINERALS AUSTRALIA LTD   | <b>2020903168</b> | Eldridge, J.  |
| <b>2020903106</b> | ResMed Pty Ltd  | <b>2020903169</b> | Clipex IP Limited   |
| <b>2020903107</b> | Ricegrowers Limited   | <b>2020903170</b> | Worldwide Truss and Frame Pty Ltd   |
| <b>2020903108</b> | POQ Pty Ltd   | <b>2020903171</b> | CGEN STIM Pty Ltd   |
| <b>2020903109</b> | Kudzius, A.; Lee, L.  | <b>2020903172</b> | Chapman, B.   |
| <b>2020903110</b> | A60N GROUP PTY LTD; Borvek Pty Ltd  | <b>2020903173</b> | K & L Ea Pty Ltd  |
| <b>2020903111</b> | Starpharma Pty Ltd  | <b>2020903174</b> | Captix Biomedical Pty Ltd   |
| <b>2020903112</b> | ResMed Pty Ltd  | <b>2020903175</b> | Lamak Pty Ltd   |
| <b>2020903113</b> | Ces, S.   | <b>2020903176</b> | The University of Queensland  |
| <b>2020903114</b> | debs, b.  | <b>2020903190</b> | Metal Testing Pty Ltd   |
| <b>2020903115</b> | BHARANI, P.   | <b>2020903191</b> | Wylde-Browne, B.  |
| <b>2020903116</b> | RICHARD CRAIG & ASSOCIATES PTY LTD  | <b>2020903192</b> | Aleknavicius, J.  |
| <b>2020903117</b> | Murdoch University  | <b>2020903193</b> | Astral Property Pty Ltd   |
| <b>2020903118</b> | Murdoch University  | <b>2020903194</b> | All Vascular Pty Limited  |
| <b>2020903119</b> | Smeekes, R.C.   | <b>2020903195</b> | Robert Bosch (Australia) Pty Ltd  |
| <b>2020903120</b> | REDSBABY PTY. LTD.  | <b>2020903196</b> | Kinoxis Therapeutics Pty Ltd  |
| <b>2020903121</b> | Marton, S.  | <b>2020903198</b> | KDH Design Co., Ltd.  |
| <b>2020903122</b> | SIAWTON PTY LTD   | <b>2020903199</b> | The University of Melbourne   |
| <b>2020903123</b> | Apollo Biopharma Pty Ltd  | <b>2020903200</b> | OPEC Remediation Technologies Pty Ltd   |
| <b>2020903124</b> | Pacific Arrow Limited   |                   |   |
| <b>2020903125</b> | Earthling 3.0 Pty Ltd   |                   |   |
| <b>2020903126</b> | OrkaWyze Pty Ltd  |                   |   |
| <b>2020903127</b> | Curtis, M.  |                   |   |
| <b>2020903128</b> | MTI Group Pty Ltd   |                   |   |
| <b>2020903129</b> | Eisner, A.  |                   |   |
| <b>2020903130</b> | CENTRE FOR EYE RESEARCH AUSTRALIA LIMITED; THE UNIVERSITY OF MELBOURNE; HERIOT EYE-CARE PTY. LTD. |                   |   |
| <b>2020903131</b> | Torres, A.  |                   |   |
| <b>2020903132</b> | The University of Melbourne   |                   |   |
| <b>2020903133</b> | Chrysos Corporation Limited   |                   |   |
| <b>2020903134</b> | Torres, A.  |                   |   |
| <b>2020903135</b> | Zemla Pty Ltd   |                   |   |
| <b>2020903136</b> | Ngo, D.T.   |                   |   |
| <b>2020903137</b> | AGT-1 Pty Ltd   |                   |   |

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 1 Sep 2020 .

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

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|---|--|--|
| <p>(71) Academia Sinica<br/>(21) 2020227040 (22) 02.09.2020<br/>(54) Human iNKT cell activation using glycolipids<br/>(62) 2015315294</p>   | <p>(54) Humanized tau antibodies in Alzheimer's disease<br/>(62) 2015348012</p>  | <p>(54) Inflow nozzle<br/>(31) 102019213610.9 (32) 06.09.19 (33) DE</p>  |
| <p>(71) Akston Biosciences Corporation<br/>(21) 2020227002 (22) 31.08.2020<br/>(54) INSULIN-FC FUSIONS AND METHODS OF USE<br/>(62) 2017371217</p>   | <p>(71) Becton, Dickinson and Company<br/>(21) 2020227005 (22) 31.08.2020<br/>(54) Methods and kits for the diagnosis of influenza<br/>(62) 2014248225</p>   | <p>(71) Buildsafe Equipment Sales Pty Ltd<br/>(21) 2020227027 (22) 01.09.2020<br/>(54) Improvements Relating to Temporary Structures</p>   |
| <p>(71) Allegiance Corporation<br/>(21) 2020227010 (22) 31.08.2020<br/>(54) Water-based hydrogel blend coating and method of application to elastomeric articles<br/>(62) 2016341849</p>  | <p>(71) BGC Partners, L.P.<br/>(21) 2020227076 (22) 03.09.2020<br/>(54) SYSTEMS AND METHODS FOR PROVIDING NON-FULLY-TRANSPARENT MARKETS<br/>(62) 2018282391</p>  | <p>(71) Caterpillar Inc.<br/>(21) 2020227083 (22) 03.09.2020<br/>(54) HYDRAULIC BRAKE SYSTEM WITH MAKE-UP LINE<br/>(31) 16/577,720 (32) 20.09.19 (33) US</p>   |
| <p><b>Allen, M. see Endace Technology Limited</b><br/>(21) 2020227035</p>   | <p>(71) BISSELL Inc.<br/>(21) 2020227079 (22) 03.09.2020<br/>(54) Edge cleaning brushes for floor cleaning<br/>(31) 62/896,751 (32) 06.09.19 (33) US</p>   | <p>(71) Caterpillar Inc.<br/>(21) 2020227084 (22) 03.09.2020<br/>(54) SYSTEM AND METHOD FOR AVOIDING CONTACT BETWEEN AUTONOMOUS AND MANNED VEHICLES CAUSED BY LOSS OF TRACTION<br/>(31) 16/575,521 (32) 19.09.19 (33) US</p> |
| <p>(71) ALSTOM Transport Technologies<br/>(21) 2020227041 (22) 02.09.2020<br/>(54) Method and system for localizing a railway vehicle, and related railway vehicle<br/>(31) 201941035580 (32) 04.09.19 (33) IN</p>                | <p>(71) Board of Regents of The University of Texas System<br/>(21) 2020227056 (22) 02.09.2020<br/>(54) SURGICAL APPARATUS<br/>(62) 2017214552</p>   | <p>(71) CFPH, LLC<br/>(21) 2020227062 (22) 03.09.2020<br/>(54) TRADING BASED ON FILL RATE<br/>(62) 2014347238</p>  |
| <p>(71) Apple Inc.<br/>(21) 2020227074 (22) 03.09.2020<br/>(54) Providing a remote keyboard service<br/>(62) 2017277671</p>   | <p>(71) Board of Regents of The University of Texas System<br/>(21) 2020227057 (22) 02.09.2020<br/>(54) SURGICAL APPARATUS<br/>(62) 2017214552</p>   | <p>(71) CFPH, LLC<br/>(21) 2020227066 (22) 03.09.2020<br/>(54) TIERED GAMING<br/>(62) 2018282372</p>   |
| <p>(71) Aristocrat Technologies, Inc.<br/>(21) 2020227086 (22) 03.09.2020<br/>(54) SYSTEMS AND METHODS FOR MULTIPLAYER GAMING<br/>(31) 62/895,321 (32) 03.09.19 (33) US<br/>16/588,257 30.09.19 US<br/>16/588,319 30.09.19 US</p> | <p>(71) Boehringer Ingelheim Vetmedica GmbH<br/>(21) 2020227033 (22) 02.09.2020<br/>(54) Connecting and container system<br/>(62) 2016279560</p>   | <p><b>Children's Medical Center Corporation see Novartis AG</b><br/>(21) 2020227017</p>  |
| <p>(71) Arixa Pharmaceuticals, Inc.<br/>(21) 2020227077 (22) 03.09.2020<br/>(54) BETA-LACTAMASE INHIBITORS AND USES THEREOF<br/>(62) 2018266566</p>   | <p>(71) BPR Engineering Pty Ltd<br/>(21) 2020227043 (22) 02.09.2020<br/>(54) Seeder depth control mechanism</p>  | <p><b>Coddington, A. see Endace Technology Limited</b><br/>(21) 2020227035</p>   |
| <p>(71) Axon Neuroscience SE<br/>(21) 2020227007 (22) 31.08.2020</p>  | <p>(71) Brien Holden Vision Institute Limited<br/>(21) 2020227053 (22) 02.09.2020<br/>(54) Ophthalmic optical lens for vision correction having one or more areas of more positive power<br/>(62) 2018203001</p> | <p>(71) Covidien LP<br/>(21) 2020227038 (22) 02.09.2020<br/>(54) Repositioning method of input device for robotic surgical system<br/>(62) 2020201796</p>  |
|   | <p>(71) Bruckbauer, W.<br/>(21) 2020227051 (22) 02.09.2020</p>   | <p>(71) Curis, Inc.<br/>(21) 2020227036 (22) 02.09.2020<br/>(54) COMBINATION THERAPY WITH A PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY<br/>(62) 2017355385</p>   |



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**Dana-Farber Cancer Institute, Inc. see Novartis AG**  
**(21)** 2020227017

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**(71)** Deere & Company  
**(21)** 2020227068 **(22)** 03.09.2020  
**(54)** Access system for a work vehicle  
**(31)** 16/595,575 **(32)** 08.10.19 **(33)** US

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**(71)** DENDRA SYSTEMS LTD  
**(21)** 2020227016 **(22)** 01.09.2020  
**(54)** PLANTING SYSTEM HAVING SEED FLOW CONTROLLER  
**(31)** 16/927,778 **(32)** 13.07.20 **(33)** US

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**(71)** Derrick Corporation  
**(21)** 2020227061 **(22)** 03.09.2020  
**(54)** POLYURETHANE SCREEN  
**(62)** 2018247319

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**(71)** Donaghys Limited  
**(21)** 2020227063 **(22)** 03.09.2020  
**(54)** Stable veterinary anthelmintic formulations  
**(62)** 2015237371

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**Donnelly, S. see Endace Technology Limited**  
**(21)** 2020227035

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**Earl, D. see Endace Technology Limited**  
**(21)** 2020227035

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**(71)** Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S.  
**(21)** 2020227035 **(22)** 02.09.2020  
**(54)** INTELLIGENT LOAD BALANCING AND HIGH SPEED INTELLIGENT NETWORK RECORDERS  
**(62)** 2016257995

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**(71)** ExploraMed NC7, Inc.  
**(21)** 2020227085 **(22)** 03.09.2020  
**(54)** Breast pump system and methods  
**(62)** 2015292864

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**(71)** Faubert, J.  
**(21)** 2020227070 **(22)** 03.09.2020  
**(54)** Perceptual-Cognitive-Motor Learning System and Method  
**(62)** 2017261627

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**(71)** Fisher & Paykel Healthcare Limited  
**(21)** 2020227046 **(22)** 02.09.2020  
**(54)** SUBSTANCE DELIVERY ARRANGEMENT FOR GAS THERAPY DEVICE  
**(62)** 2015354877

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**(71)** Genelec Oy  
**(21)** 2020227012 **(22)** 01.09.2020  
**(54)** System and method for complementary audio output  
**(31)** 20195726 **(32)** 02.09.19 **(33)** FI

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**Generon (Shanghai) Corporation, Ltd. see Memorial Sloan-Kettering Cancer Center**  
**(21)** 2020227014

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**(71)** Grant, L.  
**(21)** 2020227026 **(22)** 01.09.2020  
**(54)** The selling/manufacturing/distributing of a lollipop/candy mixed/blended with any/all sport/stimulant supplement formulas. Which include but are not limited too (BCAA, Glutamine, Carnatine, Caffeine, multi-vitamins, citrulline, agmatine, choline, tyrosine, huperzine, arginine, beta-alanine).

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**(71)** Graziano, A.  
**(21)** 2020227058 **(22)** 02.09.2020  
**(54)** SAFETY BARRIER FOR A TOWING COUPLING

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**(71)** Harbin Medical University  
**(21)** 2020227024 **(22)** 01.09.2020  
**(54)** METHOD FOR DETECTING IODINE CONCENTRATION IN WATER SAMPLES  
**(31)** 201911295676.7 **(32)** 16.12.19 **(33)** CN

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**(71)** Immunogen, Inc.  
**(21)** 2020227006 **(22)** 31.08.2020  
**(54)** Cytotoxic benzodiazepine derivatives  
**(62)** 2015311987

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**(71)** Infectious Disease Research Institute  
**(21)** 2020227042 **(22)** 02.09.2020  
**(54)** Single vial vaccine formulations  
**(62)** 2014373928

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**(71)** In Queue Innovations, LLC  
**(21)** 2020227045 **(22)** 02.09.2020  
**(54)** Single level fusion systems and methods of assembly and use  
**(62)** 2015317308

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**(71)** Institute of Oceanographic Instrumentation, Qilu University of Technology (Shandong Academy of Sciences)  
**(21)** 2020227011 **(22)** 01.09.2020  
**(54)** System for Automatically Releasing Sounding Balloon for Buoy  
**(31)** 201910821325.9 **(32)** 02.09.19 **(33)** CN

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**(71)** Interactive Intelligence, Inc.  
**(21)** 2020227065 **(22)** 03.09.2020

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**(54)** Method for forming the excitation signal for a glottal pulse model based parametric speech synthesis system  
**(62)** 2014395554

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**(71)** Itronics Limited  
**(21)** 2020227009 **(22)** 31.08.2020  
**(54)** A VENTILATION UNIT AND A SYSTEM FOR VENTILATING AN INDOOR SPACE

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**(71)** James Hardie Technology Limited  
**(21)** 2020227018 **(22)** 01.09.2020  
**(54)** Jointer system  
**(31)** 2019903220 **(32)** 02.09.19 **(33)** AU

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**(71)** JINZHENG ECO-TECHNOLOGY CO., LTD.  
**(21)** 2020227023 **(22)** 01.09.2020  
**(54)** METHOD AND SYSTEM FOR TREATING HIGH SALINITY WATER  
**(31)** 201911305489.2 **(32)** 18.12.19 **(33)** CN

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**(71)** Kennedy, J.  
**(21)** 2020227030 **(22)** 02.09.2020  
**(54)** PowerHub wall mounted power point cover / housing and power board  
**(31)** 2020902871 **(32)** 13.08.20 **(33)** AU

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**(71)** Komatsu Ltd.  
**(21)** 2020227081 **(22)** 03.09.2020  
**(54)** Construction management device, construction management system, and construction management method  
**(62)** 2017310716

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**(71)** LG Electronics Inc.  
**(21)** 2020227078 **(22)** 03.09.2020  
**(54)** LAWN MOWER ROBOT AND METHOD OF CONTROLLING THE SAME  
**(31)** 10-2019-0108704 **(32)** 03.09.19 **(33)** KR

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**(71)** LG Electronics Inc.  
**(21)** 2020227080 **(22)** 03.09.2020  
**(54)** MOTOR DRIVING APPARATUS AND CLEANER INCLUDING THE SAME  
**(31)** 10-2019-0108706 **(32)** 03.09.19 **(33)** KR

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**(71)** Marioff Corporation Oy  
**(21)** 2020227082 **(22)** 03.09.2020  
**(54)** Fire suppression system  
**(31)** 19198720.5 **(32)** 20.09.19 **(33)** EP

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**(71)** Mathurin, T.  
**(21)** 2020227064 **(22)** 03.09.2020  
**(54)** VOICE/MANUAL ACTIVATED AND INTEGRATED AUDIO/VIDEO MULTIMEDIA, MULTI-INTERFACE SYSTEM  
**(62)** 2015394336

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Complete Applications Filed - Name Index cont'd

(71) Medlab Clinical U.S., Inc.  
 (21) 2020227029 (22) 02.09.2020  
 (54) Transmucosal and transdermal delivery systems  
 (62) 2016226280

(71) MedTech S.A.  
 (21) 2020227004 (22) 31.08.2020  
 (54) ROBOTICALLY-ASSISTED SURGICAL PROCEDURE FEEDBACK TECHNIQUES BASED ON CARE MANAGEMENT DATA  
 (31) 16/560,793 (32) 04.09.19 (33) US

(71) Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd.  
 (21) 2020227014 (22) 01.09.2020  
 (54) METHODS OF USE FOR IL-22 IN THE TREATMENT OF GASTROINTESTINAL GRAFT VS. HOST DISEASE  
 (62) 2014346554

(71) MX Technologies Inc.  
 (21) 2020227069 (22) 03.09.2020  
 (54) Aggregation source routing  
 (62) 2019204122

(71) Nacuity Pharmaceuticals, Inc.  
 (21) 2020227015 (22) 01.09.2020  
 (54) METHODS OF MAKING DEUTERIUM-ENRICHED N-ACETYLCYSTEINE AMIDE (D-NACA) AND (2R,2R')-3,3'-DISULFANEDIYL BIS(2-ACETAMIDOPROPANAMIDE) (DINACA) AND USING D-NACA AND DINACA TO TREAT DISEASES INVOLVING OXIDATIVE STRESS  
 (62) 2018365900

(71) nbn co limited  
 (21) 2020227059 (22) 02.09.2020  
 (54) AUTOMATIC WORKORDER PROCESSING

(71) Nicira, Inc.  
 (21) 2020227060 (22) 02.09.2020  
 (54) Using transactions to minimize churn in a distributed network control system  
 (62) 2018278916

(71) Northrop Grumman Systems Corporation  
 (21) 2020227067 (22) 03.09.2020  
 (54) XX coupler for flux qubits  
 (62) 2018220575

(71) NovaHep AB  
 (21) 2020227090 (22) 03.09.2020  
 (54) Bioengineered allogeneic blood vessel  
 (62) 2018204796

(71) Novartis AG; Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.  
 (21) 2020227017 (22) 01.09.2020  
 (54) Antibody molecules to TIM-3 and uses thereof  
 (62) 2015210750

(71) NOVOLUTO GmbH  
 (21) 2020227039 (22) 02.09.2020  
 (54) Stimulation device  
 (62) 2020204227

(71) Poseida Therapeutics, Inc.  
 (21) 2020227020 (22) 01.09.2020  
 (54) Modified stem cell memory T cells, methods of making and methods of using same  
 (62) 2017337147

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE; Regents of the University of Michigan  
 (21) 2020227055 (22) 02.09.2020  
 (54) Scaffolds for Cell Transplantation  
 (62) 2018201930

(71) Progress Profiles SpA  
 (21) 2020227032 (22) 02.09.2020  
 (54) Pedestal/stand for raised floors  
 (31) 102019000015545 (32) 04.09.19 (33) IT

(71) Project Engineering (WA) Pty Ltd  
 (21) 2020227008 (22) 31.08.2020  
 (54) A Valve and a Fluid System  
 (31) 2019903197 (32) 30.08.19 (33) AU

(71) Purdue Pharma  
 (21) 2020227021 (22) 01.09.2020  
 (54) Methods and compositions particularly for treatment of attention deficit disorder  
 (62) 2015337779

(71) Purdue Pharma  
 (21) 2020227022 (22) 01.09.2020  
 (54) Methods and compositions particularly for treatment of attention deficit disorder  
 (62) 2015337779

(71) Qualcomm Incorporated  
 (21) 2020227019 (22) 01.09.2020  
 (54) RACH DESIGN FOR BEAMFORMED COMMUNICATIONS  
 (62) 2017277570

(71) RACCORDERIE METALLICHE S.P.A.  
 (21) 2020227050 (22) 02.09.2020  
 (54) Universal indissoluble pipe connection system and joint comprised in said system  
 (62) 2017329093

(71) RAYGEN RESOURCES PTY LTD  
 (21) 2020227052 (22) 02.09.2020  
 (54) Conversion of Solar Energy  
 (62) 2019203010

(71) Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology  
 (21) 2020227047 (22) 02.09.2020  
 (54) Methods for treating or preventing asthma by administering an IL-4R antagonist  
 (62) 2018253544

Regents of the University of Michigan see PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
 (21) 2020227055

Sanofi Biotechnology see Regeneron Pharmaceuticals Inc.  
 (21) 2020227047

(71) SCAFFSHIELD PTY LTD  
 (21) 2020227071 (22) 03.09.2020  
 (54) A Lock Mechanism for a Scaffolding Clamp  
 (31) 2019903279 (32) 05.09.19 (33) AU

(71) SIMI CONNECT LIMITED  
 (21) 2020227075 (22) 03.09.2020  
 (54) SYSTEMS AND METHODS FOR ENERGY MANAGEMENT AND DEVICE AUTOMATION SYSTEM  
 (62) 2018236828

(71) SIMPRO HANDLING EQUIPMENT LIMITED  
 (21) 2020227044 (22) 02.09.2020  
 (54) A Crate Transporter  
 (31) 3060919 (32) 05.11.19 (33) CA

(71) STUT NO.1 PTY LTD  
 (21) 2020227087 (22) 03.09.2020  
 (54) BACKLIT IDENTIFICATION ASSEMBLY  
 (31) 2019903240 (32) 03.09.19 (33) AU  
 2019904245 11.11.19 AU

(71) Tendyne Holdings, Inc.  
 (21) 2020227034 (22) 02.09.2020  
 (54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS  
 (62) 2019246822

(71) The Ames Companies, Inc.  
 (21) 2020227054 (22) 02.09.2020  
 (54) Leaf rake  
 (62) 2019200067

(71) The Regents of the University of California  
 (21) 2020227049 (22) 02.09.2020

## Complete Applications Filed - Name Index cont'd

(54) FAST DIAGNOSIS AND PERSONAL-  
IZED TREATMENTS FOR ACNE  
(62) 2019219817

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(71) UPL Limited  
(21) 2020227013 (22) 01.09.2020  
(54) A method for controlling rust  
(62) 2018236834

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(71) Vegh, D.  
(21) 2020227031 (22) 02.09.2020  
(54) Safety flag deployment apparatus for a  
vehicle  
(31) 2019903210 (32) 02.09.19 (33) AU

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(71) VFAS INTERNATIONAL HOLDINGS  
PTY LTD  
(21) 2020227001 (22) 31.08.2020  
(54) Castless Stance Corrected Prosthetic &  
Method of Forming Same  
(62) 2014324096

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(71) Visy R & D Pty Ltd  
(21) 2020227048 (22) 02.09.2020  
(54) Hand erected composite box for a cold sup-  
ply chain  
(31) 2019903549 (32) 24.09.19 (33) AU

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(71) Vorwerk & Co. Interholding GmbH  
(21) 2020227073 (22) 03.09.2020  
(54) Food processor for controlling another  
household appliance  
(31) 19200818.3 (32) 01.10.19 (33) EP

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**Wilson, S. see Endace Technology Limited**  
(21) 2020227035

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(71) Woodside Energy Technologies Pty Ltd  
(21) 2020227025 (22) 01.09.2020  
(54) AN ASSET MANAGEMENT SYSTEM  
(31) PCT/AU2020050341 (32) 03.04.20 (33) AU

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(71) Wyeth LLC  
(21) 2020227072 (22) 03.09.2020  
(54) Novel formulations which stabilize and in-  
hibit precipitation of immunogenic compos-  
itions  
(62) 2019202132

Numerical Index

|                   |  |                   |                                      |
|-------------------|--|-------------------|--------------------------------------|
| <b>2020227001</b> | VFAS INTERNATIONAL HOLDINGS PTY LTD  | <b>2020227067</b> | Northrop Grumman Systems Corporation |
| <b>2020227002</b> | Akston Biosciences Corporation   | <b>2020227068</b> | Deere & Company                      |
| <b>2020227004</b> | MedTech S.A.   | <b>2020227069</b> | MX Technologies Inc.                 |
| <b>2020227005</b> | Becton, Dickinson and Company  | <b>2020227070</b> | Faubert, J.                          |
| <b>2020227006</b> | Immunogen, Inc.  | <b>2020227071</b> | SCAFFSHIELD PTY LTD                  |
| <b>2020227007</b> | Axon Neuroscience SE   | <b>2020227072</b> | Wyeth LLC                            |
| <b>2020227008</b> | Project Engineering (WA) Pty Ltd   | <b>2020227073</b> | Vorwerk & Co. Interholding GmbH      |
| <b>2020227009</b> | Itronics Limited   | <b>2020227074</b> | Apple Inc.                           |
| <b>2020227010</b> | Allegiance Corporation   | <b>2020227075</b> | SIMI CONNECT LIMITED                 |
| <b>2020227011</b> | Institute of Oceanographic Instrumentation, Qilu University of Technology (Shandong Academy of Sciences) | <b>2020227076</b> | BGC Partners, L.P.                   |
| <b>2020227012</b> | Genelec Oy   | <b>2020227077</b> | Arixa Pharmaceuticals, Inc.          |
| <b>2020227013</b> | UPL Limited  | <b>2020227078</b> | LG Electronics Inc.                  |
| <b>2020227014</b> | Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd.                             | <b>2020227079</b> | BISSELL Inc.                         |
| <b>2020227015</b> | Nacuity Pharmaceuticals, Inc.  | <b>2020227080</b> | LG Electronics Inc.                  |
| <b>2020227016</b> | DENDRA SYSTEMS LTD   | <b>2020227081</b> | Komatsu Ltd.                         |
| <b>2020227017</b> | Novartis AG; Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.                   | <b>2020227082</b> | Marioff Corporation Oy               |
| <b>2020227018</b> | James Hardie Technology Limited  | <b>2020227083</b> | Caterpillar Inc.                     |
| <b>2020227019</b> | Qualcomm Incorporated  | <b>2020227084</b> | Caterpillar Inc.                     |
| <b>2020227020</b> | Poseida Therapeutics, Inc.   | <b>2020227085</b> | ExploraMed NC7, Inc.                 |
| <b>2020227021</b> | Purdue Pharma  | <b>2020227086</b> | Aristocrat Technologies, Inc.        |
| <b>2020227022</b> | Purdue Pharma  | <b>2020227087</b> | STUT NO.1 PTY LTD                    |
| <b>2020227023</b> | JINZHENG ECO-TECHNOLOGY CO., LTD.  | <b>2020227090</b> | NovaHep AB                           |
| <b>2020227024</b> | Harbin Medical University  |                   |                                      |
| <b>2020227025</b> | Woodside Energy Technologies Pty Ltd   |                   |                                      |
| <b>2020227026</b> | Grant, L.  |                   |                                      |
| <b>2020227027</b> | Buildsafe Equipment Sales Pty Ltd  |                   |                                      |
| <b>2020227029</b> | Medlab Clinical U.S., Inc.   |                   |                                      |
| <b>2020227030</b> | Kennedy, J.  |                   |                                      |
| <b>2020227031</b> | Vegh, D.   |                   |                                      |
| <b>2020227032</b> | Progress Profiles SpA  |                   |                                      |
| <b>2020227033</b> | Boehringer Ingelheim Vetmedica GmbH  |                   |                                      |
| <b>2020227034</b> | Tendyne Holdings, Inc.   |                   |                                      |
| <b>2020227035</b> | Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S.                 |                   |                                      |
| <b>2020227036</b> | Curis, Inc.  |                   |                                      |
| <b>2020227038</b> | Covidien LP  |                   |                                      |
| <b>2020227039</b> | NOVOLUTO GmbH  |                   |                                      |
| <b>2020227040</b> | Academia Sinica  |                   |                                      |
| <b>2020227041</b> | ALSTOM Transport Technologies  |                   |                                      |
| <b>2020227042</b> | Infectious Disease Research Institute  |                   |                                      |
| <b>2020227043</b> | BPR Engineering Pty Ltd  |                   |                                      |
| <b>2020227044</b> | SIMPRO HANDLING EQUIPMENT LIMITED  |                   |                                      |
| <b>2020227045</b> | In Queue Innovations, LLC  |                   |                                      |
| <b>2020227046</b> | Fisher & Paykel Healthcare Limited   |                   |                                      |
| <b>2020227047</b> | Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology   |                   |                                      |
| <b>2020227048</b> | Visy R & D Pty Ltd   |                   |                                      |
| <b>2020227049</b> | The Regents of the University of California  |                   |                                      |
| <b>2020227050</b> | RACCORDERIE METALLICHE S.P.A.  |                   |                                      |
| <b>2020227051</b> | Bruckbauer, W.   |                   |                                      |
| <b>2020227052</b> | RAYGEN RESOURCES PTY LTD   |                   |                                      |
| <b>2020227053</b> | Brien Holden Vision Institute Limited  |                   |                                      |
| <b>2020227054</b> | The Ames Companies, Inc.   |                   |                                      |
| <b>2020227055</b> | PRESIDENT AND FELLOWS OF HARVARD COLLEGE; Regents of the University of Michigan                          |                   |                                      |
| <b>2020227056</b> | Board of Regents of The University of Texas System   |                   |                                      |
| <b>2020227057</b> | Board of Regents of The University of Texas System   |                   |                                      |
| <b>2020227058</b> | Graziano, A.   |                   |                                      |
| <b>2020227059</b> | nbn co limited   |                   |                                      |
| <b>2020227060</b> | Nicira, Inc.   |                   |                                      |
| <b>2020227061</b> | Derrick Corporation  |                   |                                      |
| <b>2020227062</b> | CFPH, LLC  |                   |                                      |
| <b>2020227063</b> | Donaghys Limited   |                   |                                      |
| <b>2020227064</b> | Mathurin, T.   |                   |                                      |
| <b>2020227065</b> | Interactive Intelligence, Inc.   |                   |                                      |
| <b>2020227066</b> | CFPH, LLC  |                   |                                      |

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 1 Sep 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

|   |  |  |
|---|--|--|
| (Assistant Professor), B.K.B. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | (Professor), D.P.K. see (Professor), D.P.N.<br>(21) 2020102097   | (54) Method for grouting reinforcement of fault fracture zone of coal mining working face<br>(31) 201911364333.1 (32) 26.12.19 (33) CN   |
| (Assistant Professor), S.A. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | (71) (Professor), D.P.N.; (Professor), D.K.R.B.; (Associate Professor), D.S.G.; (Assistant Professor), D.N.M.; (Associate Professor), D.P.K.; (Professor), D.P.K.<br>(21) 2020102097 (22) 02.09.2020<br>(54) NIBT- Fire Detection : FIRE DETECTION AND NOTIFICATION USING IOT BASED TECHNOLOGY | (71) arora, r.<br>(21) 2020102120 (22) 03.09.2020<br>(54) MyPantry An App which takes an initial photos of what you have in your pantry, and when retake a photo after some time it deduces what is missing and what is needed to re order. at that point it will places items for re order into basket with your preferred outlet.  |
| (Assistant Professor), J.P. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | (Research Scholar), R.T. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | Atul, D.J. see Shukla, P.K.<br>(21) 2020101920   |
| (Assistant Professor), D.N.M. see (Professor), D.P.N.<br>(21) 2020102097  | A, C. see BABU, R.G.<br>(21) 2020102044  | B, A. see Devarajan, B.<br>(21) 2020102051   |
| (Associate Professor), N.P. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | A, K, P. see Devarajan, B.<br>(21) 2020102051  | B, S. see D, M.<br>(21) 2020102058   |
| (Associate Professor), D.A.K.S. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | A.P, S. see D, M.<br>(21) 2020102058   | (71) BABU, R.G.; DEVI, G.U.; SYEDBI, S.; NATARAJAN, Y.; NAIDU, S.C.V.R.M.; A. C.; T C, M.; S L, S.<br>(21) 2020102044 (22) 28.08.2020<br>(54) A SMART AND AUTOMATED PATIENT MONITORING BED FOR COVID PATIENTS  |
| (Associate Professor), D.S.R.K. see (Associate Professor), D.N.K.M.<br>(21) 2020102068  | Ahirwar, M.K. see Ahirwar, G.K.<br>(21) 2020102070   | Balusamy, B. see Sharma, M.<br>(21) 2020102080   |
| (71) (Associate Professor), D.N.K.M.; (Associate Professor), N.P.; (Associate Professor), D.A.K.S.; (Assistant Professor), B.K.B.; (Associate Professor), D.S.R.K.; (Research Scholar), R.T.; (Assistant Professor), S.A.; (Assistant Professor), J.P.<br>(21) 2020102068 (22) 01.09.2020<br>(54) LSM- Quantum Computing: LARGE DATABASES STORE INTO A VERY SMALL MEMORY USING QUANTUM COMPUTING AND AI-BASED PROGRAMMING | (71) Ahirwar, G.K.; Korath, A.; S, S.; Ahirwar, M.K.; R, K.; Kumar, B.P.; Singh, B.J.; Sharma, A.; Kalra, G.; Katta, S.K.<br>(21) 2020102070 (22) 01.09.2020<br>(54) INDUSTRIAL IOT DEVICE MANAGEMENT TECHNIQUE USING LIGHT-WEIGHT MACHINE TO MACHINE (LWM2M)                                  | (71) Beijing University of Technology<br>(21) 2020102048 (22) 28.08.2020<br>(54) A TUNABLE INJECTION-LOCKED ORGANIC SEMICONDUCTOR LASER AMPLIFIER  |
| (Associate Professor), D.S.G. see (Professor), D.P.N.<br>(21) 2020102097  | Aliar Maraikkayar, S.M.S.M. see J, V.<br>(21) 2020102069   | (71) BHARANI, P.<br>(21) 2020102071 (22) 01.09.2020<br>(54) Currently All the VMware ESXi and other VMware family products only runs on Intel and AMD based processors ( CISC ) . As the IOT and RISC V system matures there will be a need to have this integrated with this RISC V series of processor to have integration, which is the way VMware listed in its mission by a statement reads like "Any infrastructure , Any Cloud , any application and any platform and any device. In order to achieve this there is a need to have this patent for RISC V processor running VMware solutions. |
| (Associate Professor), D.P.K. see (Professor), D.P.N.<br>(21) 2020102097  | (71) Anhui Hebang Textile Technology Co., Ltd.<br>(21) 2020102124 (22) 03.09.2020<br>(54) SPINNING DEVICE FOR LABORATORY   |  |
| (Professor), D.K.R.B. see (Professor), D.P.N.<br>(21) 2020102097  | (71) Anhui University of Science and Technology<br>(21) 2020102057 (22) 31.08.2020   |  |

Innovation Patent Applications Filed - Name Index cont'd

**Bharatheedasan, K. see D, M.**  
(21) 2020102058

**BI, T. see LIU, J.**  
(21) 2020102042

(71) Binzhou University  
(21) 2020102088 (22) 01.09.2020  
(54) POSITIONING AND SLOTING DEVICE FOR PLASTIC PLATES

(71) Biswas, P.; Khan, M.R.; Rathore, S.  
(21) 2020102072 (22) 01.09.2020  
(54) TO DESIGN MODERN DIGITAL COMMUNICATION SYSTEM VARIOUS QAM REDUCE SNR AND BER USING RAISED COSINE FILTER

(71) Bizhao Geotechnical Technology (Nanjing) Co.,Ltd.  
(21) 2020102073 (22) 01.09.2020  
(54) Protection device for landslide prevention

(71) Caverzan, L.  
(21) 2020102103 (22) 02.09.2020  
(54) A third party service providing secure payments for transactions between buyer & seller. Also offered is an annual subscription/membership for frequent users.  
(31) 2020903014 (32) 24.08.20 (33) AU

(71) CHEN, X.; LIU, H.; LAN, D.  
(21) 2020102040 (22) 28.08.2020  
(54) A Technique for Predicting Acarbose Treatment Based on Stratification of Gut by Using 16SrRNA Sequencing

**CHEN, R. see LIU, J.**  
(21) 2020102042

(71) China University of Petroleum (East China); Rong Sheng Machinery Manufacture Ltd. of Huabei Oilfield, Hebei, China; Yantai Jereh Petroleum Equipment & Technologies Co., Ltd, Shandong, China; CNOOC Safety Technology Services Company, Ltd., Tianjin, China  
(21) 2020102085 (22) 01.09.2020  
(54) METHOD AND SYSTEM FOR GUARANTEERING SAFETY OF OFFSHORE OIL WELL CONTROL EQUIPMENT

(71) China University of Petroleum (East China)  
(21) 2020102110 (22) 02.09.2020  
(54) A method for preparing diol by auto-producing hydrogen and auto-hydrogenating at low temperature

(71) China University of Petroleum (East China)  
(21) 2020102122 (22) 03.09.2020  
(54) METHOD FOR PREPARING LACTATE WITHOUT ALKALI AND SOLVENT

(71) Chinese Academy of Inspection and Quarantine  
(21) 2020102093 (22) 01.09.2020  
(54) A test kit for simultaneously detecting ten insect-borne disease pathogens and application thereof

(71) Chinese Academy of Inspection and Quarantine  
(21) 2020102095 (22) 01.09.2020  
(54) A test kit for simultaneously detecting 10 insect-borne disease pathogens and application thereof

**Chordiya, S.B. see Shukla, N.**  
(21) 2020102115

**CNOOC Safety Technology Services Company, Ltd., Tianjin, China see China University of Petroleum (East China)**  
(21) 2020102085

(71) Crop Research Institute, Shandong Academy of Agricultural Sciences  
(21) 2020102114 (22) 02.09.2020  
(54) SHALLOW-BURIED DRIP TAPE RECYCLING MACHINE

(71) D, M.; J, J.; Rao, P.V.G.K.; A.P, S.; Singh, N.P.; Bharatheedasan, K.; B, S.; Rajagopal, S.; Palani, K.; Rajesh, S.  
(21) 2020102058 (22) 31.08.2020  
(54) MULTI-FUNCTIONAL STORAGE BOTTLE WITH DEFORMABLE SPOON POSITIONING

(71) Dalian Yulin Electric Motor Co.,Ltd.  
(21) 2020102081 (22) 01.09.2020  
(54) PANCAKE MOTOR FOR BEAM PUMPING UNIT

(71) Devarajan, B.; Muthukrishnan, P.; B, A.; L, R.; Venkateswaran, B.; A, K, P.  
(21) 2020102051 (22) 30.08.2020  
(54) The computer (1) during in operation gets heated up because of the rotating compounds. In existing cooling unit requires external power source to operate, which increase the cost for using that device. The present invention focuses on using phase change material which absorbs the heat during in operation and after operation phase change material starts cool. During cool it attains the real state of material, which doesn't require any external power source. It obviously reduces the cost involved in the system as well as increase the life of the computers.

**DEVI, G.U. see BABU, R.G.**  
(21) 2020102044

**East China Sea Fishery Research Institute, Chinese Academy of Fishery Sciences see Yancheng Institute of Technology**  
(21) 2020102059

**G, V. see S, K.**  
(21) 2020102046

(71) GALEA, V.  
(21) 2020102113 (22) 02.09.2020  
(54) IMPROVED BODY BAG ARRANGEMENT

(71) Gansu Agricultural University; Institute of Plant Protection, Gansu Academy of Agricultural Sciences  
(21) 2020102090 (22) 01.09.2020  
(54) Composite wheat seed coating agent and preparation method thereof

(71) Gautam, D.K.; Sharma, N.K.; Khan, M.R.  
(21) 2020102098 (22) 02.09.2020  
(54) SOIL SALINITY DEGRADATION ESTIMATION BY REGRESSION ALGORITHM USING AGRICULTURAL INTERNET OF THINGS

(71) Guangxi Academy of Agricultural Sciences  
(21) 2020102045 (22) 28.08.2020  
(54) HEALING AGENT FOR PROMOTING HEALING OF MECHANICALLY DAMAGED WOUNDS OF FRUITS AND VEGETABLES, USE METHOD AND USE THEREOF  
(31) 201910802846.X (32) 28.08.19 (33) CN

**Guizhou Academy of Sciences see South China University of Technology**  
(21) 2020102083

**Gupta, R.C. see Thomas, B.**  
(21) 2020102116

**Hubei Yihua Chemical Industry Co., Ltd. see South China University of Technology**  
(21) 2020102083

(71) INNOVATIONERA PTY LTD  
(21) 2020102052 (22) 30.08.2020  
(54) Job interview training mobile application with a novel AI based facial analysis feedback mechanism.

Innovation Patent Applications Filed - Name Index cont'd

(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences

(21) 2020102078 (22) 01.09.2020

(54) METHOD FOR PREPARING HUMIC ACID-CONTAINING SYNERGISTIC CARRIER FOR ACCELERATING UREA CONVERSION

(71) Institute of Plant Protection, Gansu Academy of Agricultural Sciences

(21) 2020102087 (22) 01.09.2020

(54) A botanical pesticide-fertilizer granules based on Stelleria chamaejasme and preparation method thereof

Institute of Plant Protection, Gansu Academy of Agricultural Sciences see Gansu Agricultural University

(21) 2020102090

J, B. see Shukla, P.K.

(21) 2020101920

J, J. see D, M.

(21) 2020102058

(71) J, V.; Kumar, A.S.; R, T.; Aliar Maraikkayar, S.M.S.M.

(21) 2020102069 (22) 01.09.2020

(54) A SYSTEM AND METHODOLOGY FOR AIR PRESSURE STABILIZATION AND PUMPING APPARATUS IN TIRES OF VEHICLES

J.K, P. see RAJ, M.G.

(21) 2020102099

Jha, C.K. see Shukla, N.

(21) 2020102115

(71) JIA, Y.; LIU, J.; WU, Y.

(21) 2020102038 (22) 28.08.2020

(54) A speaker identification method based on deep learning

(71) Jinyimeng Group Co., Ltd.

(21) 2020102063 (22) 31.08.2020

(54) Device for resource utilization of waste effluent generated by synthesizing crotonaldehyde from acetaldehyde

(31) 202021648762.X (32) 10.08.20 (33) CN

K, T. see S, K.

(21) 2020102046

K, T. see RAJ, M.G.

(21) 2020102099

K.R, A. see S, V.

(21) 2020102094

Kallam, S. see Sharma, M.

(21) 2020102080

kalra, G. see Shukla, P.K.

(21) 2020101920

Kalra, G. see Ahirwar, G.K.

(21) 2020102070

Katta, S.K. see Ahirwar, G.K.

(21) 2020102070

kaur, H. see Shukla, P.K.

(21) 2020101920

kaur, G. see Shukla, P.K.

(21) 2020101920

KAUR, A. see RAJ, M.G.

(21) 2020102099

Khan, M.R. see Biswas, P.

(21) 2020102072

Khan, M.R. see Gautam, D.K.

(21) 2020102098

Khan, M.A. see Sharma, N.K.

(21) 2020102100

Khan, M.A. see Rajpoot, S.C.

(21) 2020102101

Korath, A. see Ahirwar, G.K.

(21) 2020102070

Kumar, A.S. see J, V.

(21) 2020102069

Kumar, B.P. see Ahirwar, G.K.

(21) 2020102070

Kumar, A. see Sharma, M.

(21) 2020102080

Kumar, S. see Thomas, B.

(21) 2020102116

Kurien, R.A. see Shukla, P.K.

(21) 2020101920

L, R. see Devarajan, B.

(21) 2020102051

LAN, D. see CHEN, X.

(21) 2020102040

(71) LIN, S.

(21) 2020102041 (22) 28.08.2020

(54) Construction and maintenance of satellite-to-ground and inter-satellite laser communication network based on ants colony algorithm

LIU, J. see JIA, Y.

(21) 2020102038

LIU, H. see CHEN, X.

(21) 2020102040

(71) LIU, J.; BI, T.; CHEN, R.; WANG, Z.; XU, D.; QIN, Y.

(21) 2020102042 (22) 28.08.2020

(54) A smart home system for the elderly based on speech recognition and FPGA

M, V. see S, V.

(21) 2020102094

M, S. see RAJ, M.G.

(21) 2020102099

M, S. see RAJ, M.G.

(21) 2020102099

MAHADEV, S. see R, H.

(21) 2020102066

MANDI, M.V. see R, H.

(21) 2020102066

MANOCHA, A.K. see RAJ, M.G.

(21) 2020102099

(71) Marine Composites IP Pty Ltd

(21) 2020102117 (22) 03.09.2020

(54) A floatation device

(31) 2019904426 (32) 22.11.19 (33) AU

(71) Marxen, T.

(21) 2020102125 (22) 03.09.2020

(54) AN EXERCISE DEVICE

(71) Maxen Consulting Group Pty Ltd

(21) 2020102092 (22) 01.09.2020

Innovation Patent Applications Filed - Name Index cont'd

(54) Systems, methods and devices for facilitating transactions involving resources

Muthiah, D. see Sharma, M.  
(21) 2020102080

Muthukrishnan, P. see Devarajan, B.  
(21) 2020102051

N, G. see Sharma, M.  
(21) 2020102080

NAIDU, S.C.V.R.M. see BABU, R.G.  
(21) 2020102044

(71) Nanjing Forestry University  
(21) 2020102111 (22) 02.09.2020  
(54) A vertical cross laminated bamboo structural material for construction and a manufacturing method thereof

Naruka, M.S. see Shukla, N.  
(21) 2020102115

NATARAJAN, Y. see BABU, R.G.  
(21) 2020102044

(71) Ningbo Municipal Center for Disease Control and Prevention  
(21) 2020102127 (22) 03.09.2020  
(54) Collection and determination of acrolein and other four aldehydes in workplace

(71) Northwest Agriculture and Forestry University  
(21) 2020102086 (22) 01.09.2020  
(54) RESISTANCE INDUCTION METHOD FOR FUSARIUM OXYSPORUM F. SP. NIVEUM RACE 2

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102053 (22) 31.08.2020  
(54) A clematis tangutica shampoo and its preparation method

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102054 (22) 31.08.2020  
(54) An extracting technology and an additives of metabolite

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102074 (22) 01.09.2020  
(54) A method for extracting phenolic compounds from Lepidium latifolium L. and the extracted phenolic compounds

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102075 (22) 01.09.2020  
(54) The Preparation Technology of a Health Care Tea for Cough Caused by Lung Heat

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102076 (22) 01.09.2020  
(54) A kind of health tea for edema and its preparation method

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102077 (22) 01.09.2020  
(54) A kind of health tea for stomach cold and its preparation method

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102109 (22) 02.09.2020  
(54) The Extracting and Purifying Technology of Trehalose from Cordyceps militaris and Trehalose Product and Application thereof

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2020102126 (22) 03.09.2020  
(54) A Preparation Technology of Cordyceps militaris Extract and Functional Food thereof

P, M. see S, K.  
(21) 2020102046

P, B.S. see RAJ, M.G.  
(21) 2020102099

Palani, K. see D, M.  
(21) 2020102058

Patil, R.N. see Shukla, P.K.  
(21) 2020101920

Pawar, V.P. see Shukla, N.  
(21) 2020102115

(71) Petera, W.J.  
(21) 2020102096 (22) 01.09.2020  
(54) Rock Breaker Stone Deflector

QIN, Y. see LIU, J.  
(21) 2020102042

(71) R, H.; RATHOD, M.L.; VALSANGE, S.; MAHADEV, S.; S, C.; S, R.; MANDI, M.V.  
(21) 2020102066 (22) 31.08.2020  
(54) DWT Based Feature Extraction for Iris Recognition

R, T. see J, V.  
(21) 2020102069

R, K. see Ahirwar, G.K.  
(21) 2020102070

R, G. see S, V.  
(21) 2020102094

R, S.K. see S, V.  
(21) 2020102094

R, K. see RAJ, M.G.  
(21) 2020102099

(71) RAJ, M.G.; P, B.S.; J.K, P.; M, S.; K, T.; MANOCHA, A.K.; M, S.; R, K.; SINGH, G.; KAUR, A.  
(21) 2020102099 (22) 02.09.2020  
(54) A Rule based Rootkit Detection Method using Machine Learning in Embedded IoT Devices

Rajagopal, S. see D, M.  
(21) 2020102058

Rajesh, S. see D, M.  
(21) 2020102058

Rajpoot, P.S. see Rajpoot, S.C.  
(21) 2020102101

(71) Rajpoot, S.C.; Sharma, N.K.; Khan, M.A.; Rajpoot, P.S.  
(21) 2020102101 (22) 02.09.2020  
(54) CRIME DETECTION AND PREVENTION SYSTEM USING PERSONAL AND PUBLIC IoT NETWORKS

Rao, P.V.G.K. see D, M.  
(21) 2020102058

Rao, M.N. see Shukla, N.  
(21) 2020102115

RATHOD, M.L. see R, H.  
(21) 2020102066

Rathore, S. see Biswas, P.  
(21) 2020102072



Innovation Patent Applications Filed - Name Index cont'd

(71) REC DIS TICARET LIMITED SIRKETI  
(21) 2020102084 (22) 01.09.2020  
(54) Firearm having a lever-latch trigger mechanism

Rong Sheng Machinery Manufacture Ltd. of Huabei Oilfield, Hebei, China see China University of Petroleum (East China)  
(21) 2020102085

S, S. see S, K.  
(21) 2020102046

S, A. see S, K.  
(21) 2020102046

(71) S, K.; V, B.; T, M.; S, S.; S, A.; T, G.; U, J.; P, M.; G, V.; K, T.  
(21) 2020102046 (22) 28.08.2020  
(54) DESIGN OF A COLLAPSIBLE AND PORTABLE LACTATION MODULE FOR MOTHERS

S, C. see R, H.  
(21) 2020102066

S, R. see R, H.  
(21) 2020102066

S, S. see Ahirwar, G.K.  
(21) 2020102070

S, R.K. see Sharma, M.  
(21) 2020102080

(71) S, V.; R, G.; M, V.; R, S.K.; K.R, A.  
(21) 2020102094 (22) 01.09.2020  
(54) GROUP ACTIVITY RECOGNITION BY INTEGRATION AND FUSION OF INDIVIDUAL MULTISENSORY IoT DATA

(71) Shang Hai Applicable Technology University  
(21) 2020102047 (22) 28.08.2020  
(54) A Thawing method of frozen beef

(71) Shanghai Jiao Tong University; Suzhou Tangen Biotechnology Co., Ltd  
(21) 2020102065 (22) 31.08.2020  
(54) NUCLEOTIDE SEQUENCE AND USE THEREOF IN INCREASING THE DENSITY OF SECRETORY GLANDULAR TRICHOMES IN PLANTS  
(62) PCT/CN2019/072349

(71) Shangluo University  
(21) 2020102049 (22) 28.08.2020

(54) CHEMICAL BACTERICIDE

Shankar, L. see Sharma, M.  
(21) 2020102080

Sharma, A. see Shukla, P.K.  
(21) 2020101920

Sharma, A. see Ahirwar, G.K.  
(21) 2020102070

Sharma, R. see Sharma, M.  
(21) 2020102080

(71) Sharma, M.; Balusamy, B.; Kumar, A.; Shankar, L.; Shekhar, J.; Sharma, R.; S, R.K.; N, G.; Muthiah, D.; Kallam, S.  
(21) 2020102080 (22) 01.09.2020  
(54) Smart COVID Mask: AI-based mask with attachment to auto-detect and kill the COVID-19 virus

Sharma, N.K. see Gautam, D.K.  
(21) 2020102098

(71) Sharma, N.K.; Khan, M.A.; Singh, V.K.  
(21) 2020102100 (22) 02.09.2020  
(54) DISEASE DETECTION USING IOT AND MACHINE LEARNING IN RICE CROPS

Sharma, N.K. see Rajpoot, S.C.  
(21) 2020102101

Shekhar, J. see Sharma, M.  
(21) 2020102080

(71) Shenzhen University  
(21) 2020102118 (22) 03.09.2020  
(54) Graphene-surface waveguide optical fiber, all-optical modulation probe and all-optical modulator  
(31) 202021274769.X (32) 03.07.20 (33) CN

(71) Shukla, P.K.; U, D.; kalra, G.; Tripathi, N.; kaur, H.; kaur, G.; Sharma, A.; J, B.; Kuri- en, R.A.; Patil, R.N.; Atul, D.J.  
(21) 2020101920 (22) 21.08.2020  
(54) TRIBOLOGICAL PROCESSED SOLID SUPER LUBRICITY CARBON-BASED DRILLS

(71) Shukla, N.; Tirth, V.; Varshney, T.; Naruka, M.S.; Singh, R.K.; Jha, C.K.; Chordiya, S.B.; Pawar, V.P.; Rao, M.N.; Singh, B.R.  
(21) 2020102115 (22) 03.09.2020  
(54) MCHO- Blockchain Technology: MEDICINE, CLINICAL TEST AND HEALTHCARE OBSERVATION USING BLOCKCHAIN TECHNOLOGY

(71) Sichuan Agricultural University  
(21) 2020102107 (22) 02.09.2020  
(54) A METHOD OF CHARACTERIZING RICE POPULATION QUALITY

Singh, N.P. see D, M.  
(21) 2020102058

Singh, B.J. see Ahirwar, G.K.  
(21) 2020102070

Singh, V.K. see Sharma, N.K.  
(21) 2020102100

Singh, R.K. see Shukla, N.  
(21) 2020102115

Singh, B.R. see Shukla, N.  
(21) 2020102115

SINGH, G. see RAJ, M.G.  
(21) 2020102099

S L, S. see BABU, R.G.  
(21) 2020102044

(71) Snook, R.  
(21) 2020102064 (22) 31.08.2020  
(54) Mounting Assembly for Bicycles and Scooters

(71) South China University of Technology; Hubei Yihua Chemical Industry Co., Ltd.; Guizhou Academy of Sciences  
(21) 2020102083 (22) 01.09.2020  
(54) Ammonia nitrogen emission reduction and wastewater reuse device for urea desorption effluent  
(31) 202021460671.3 (32) 22.07.20 (33) CN

(71) Sunmaster Blinds Co., Ltd.  
(21) 2020102104 (22) 02.09.2020  
(54) Roller blind allowing upper and lower position limits to be set and damper thereof

(71) Sunmaster Blinds Co., Ltd.  
(21) 2020102105 (22) 02.09.2020  
(54) Roller and insert plate-assisted roller securing device

Suzhou Tangen Biotechnology Co., Ltd see Shanghai Jiao Tong University  
(21) 2020102065

SYEDBI, S. see BABU, R.G.  
(21) 2020102044

Innovation Patent Applications Filed - Name Index cont'd

**T, M. see S, K.**  
(21) 2020102046

**T, G. see S, K.**  
(21) 2020102046

**T C, M. see BABU, R.G.**  
(21) 2020102044

(71) Teamlink Platform Pty Ltd  
(21) 2020102079 (22) 01.09.2020  
(54) AI Property Sales Opportunity Calculation Service

(71) Techtronic Cordless GP  
(21) 2020102112 (22) 02.09.2020  
(54) Electric pole lopper  
(31) 201910837921.6 (32) 05.09.19 (33) CN

(71) Thomas, B.; Yang, J.; Gupta, R.C.; Kumar, S.  
(21) 2020102116 (22) 03.09.2020  
(54) HIGH STRENGTH CEMENT CONCRETE INCORPORATING DISCARDED TIRE RUBBER ASH AS A PARTIAL REPLACEMENT FOR BINDER, ENSURING SUSTAINABILITY IN CONSTRUCTION INDUSTRY

(71) Tianjin Research Institute for Water Transport Engineering, M.O.T.  
(21) 2020102123 (22) 03.09.2020  
(54) A quantitative assessment method and system of energy-saving operations on port shore cranes

(71) Tianjin University of Technology  
(21) 2020102121 (22) 03.09.2020  
(54) Intelligent garlic planter

**Tirth, V. see Shukla, N.**  
(21) 2020102115

(71) Tongji University  
(21) 2020102089 (22) 01.09.2020  
(54) A method for recycling sludge resources in stages by quality and phase separation

**Tripathi, N. see Shukla, P.K.**  
(21) 2020101920

**U, D. see Shukla, P.K.**  
(21) 2020101920

**U, J. see S, K.**  
(21) 2020102046

(71) Unipharm Healthy Manufacturing Co. Limited

(21) 2020102055 (22) 31.08.2020  
(54) Brain-building gel candy and preparation method thereof

(71) Unipharm Healthy Manufacturing Co. Limited

(21) 2020102056 (22) 31.08.2020  
(54) Calcium supplemented gel candy and preparation method thereof

**University of Rostock see Yancheng Institute of Technology**  
(21) 2020102059

**V, B. see S, K.**  
(21) 2020102046

**VALSANGE, S. see R, H.**  
(21) 2020102066

**Varshney, T. see Shukla, N.**  
(21) 2020102115

**Venkateswaran, B. see Devarajan, B.**  
(21) 2020102051

**Wang, M. see Wang, B.**  
(21) 2020102050

(71) Wang, B.; Wang, M.  
(21) 2020102050 (22) 29.08.2020  
(54) Density Board Game (Back to Earth)

**WANG, Z. see LIU, J.**  
(21) 2020102042

(71) Welspring Pty Ltd  
(21) 2020102119 (22) 03.09.2020  
(54) Fluid-resistant textile article  
(31) 2020902334 (32) 07.07.20 (33) AU

(71) WILLETTS, C.D.  
(21) 2020102061 (22) 31.08.2020  
(54) CONCEALED STORAGE UNIT  
(31) 2019903160 (32) 29.08.19 (33) AU

**WU, Y. see JIA, Y.**  
(21) 2020102038

(71) Wuhan University of Science and Technology  
(21) 2020102043 (22) 28.08.2020

(54) INJECTION-TYPE SPIRAL AGITATOR FOR HOT METAL DESULFURIZATION  
(31) 201911052470.1 (32) 31.10.19 (33) CN

(71) Wuhan University of Science and Technology  
(21) 2020102091 (22) 01.09.2020  
(54) INTELLIGENT STEEL SLAG DETECTION METHOD AND SYSTEM BASED ON CONVOLUTIONAL NEURAL NETWORK  
(31) 201910990000.3 (32) 17.10.19 (33) CN

(71) Xi'an Polytechnic University  
(21) 2020102106 (22) 02.09.2020  
(54) METHOD FOR PREPARING DENIM FIBER-REINFORCED POLYPROPYLENE COMPOSITE MATERIAL FROM DENIM FABRIC WASTES AND POLYPROPYLENE FIBER

**XU, D. see LIU, J.**  
(21) 2020102042

(71) Yancheng Institute of Technology; East China Sea Fishery Research Institute, Chinese Academy of Fishery Sciences; University of Rostock  
(21) 2020102059 (22) 31.08.2020  
(54) Method for quickly preparing micron-sized microplastics in laboratory

**Yang, J. see Thomas, B.**  
(21) 2020102116

**Yantai Jerih Petroleum Equipment & Technologies Co., Ltd, Shandong, China see China University of Petroleum (East China)**  
(21) 2020102085

(71) Zhengzhou FoamTech Nano Materials Co Ltd  
(21) 2020102067 (22) 31.08.2020  
(54) The present invention discloses a production process of melamine resin foam sponge, including the following steps: mix the melamine and paraformaldehyde powder. The mixture is fed into the first screw machine by the material pump, and lye is added to the feed port of the first screw machine; the auxiliary material solution is added at the feed end, the middle position or the end of the first screw machine; the outlet of the first screw machine is extruded. The transparent resin from the second screw machine enters the second screw machine.

(71) Zhengzhou Research Institute of Mechanical Engineering Co., Ltd.  
(21) 2020102102 (22) 02.09.2020  
(54) Method and System for Drying Flux  
(31) 202010030859.2 (32) 13.01.20 (33) CN

## Innovation Patent Applications Filed - Name Index cont'd

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(71) zhou, l.  
(21) 2020102082 (22) 01.09.2020  
(54) system utilizing sea ice floe in desert and  
method thereof  
(31) PCT/ (32) 06.07.20 (33) WO  
CN2020/100387

Numerical Index

|                   |   |                   |   |
|-------------------|---|-------------------|---|
| <b>2020101920</b> | Shukla, P.K.; U, D.; kalra, G.; Tripathi, N.; kaur, H.; kaur, G.; Sharma, A.; J, B.; Kurien, R.A.; Patil, R.N.; Atul, D.J.  | <b>2020102082</b> | zhou, l.  |
| <b>2020102038</b> | JIA, Y.; LIU, J.; WU, Y.  | <b>2020102083</b> | South China University of Technology; Hubei Yihua Chemical Industry Co., Ltd.; Guizhou Academy of Sciences  |
| <b>2020102040</b> | CHEN, X.; LIU, H.; LAN, D.  |                   | REC DIS TICARET LIMITED SIRKETI   |
| <b>2020102041</b> | LIN, S.   | <b>2020102084</b> | China University of Petroleum (East China); Rong Sheng Machinery Manufacture Ltd. of Huabei Oilfield, Hebei, China; Yantai Jereh Petroleum Equipment & Technologies Co., Ltd, Shandong, China; CNOOC Safety Technology Services Company, Ltd., Tianjin, China |
| <b>2020102042</b> | LIU, J.; BI, T.; CHEN, R.; WANG, Z.; XU, D.; QIN, Y.  | <b>2020102085</b> |   |
| <b>2020102043</b> | Wuhan University of Science and Technology  |                   |   |
| <b>2020102044</b> | BABU, R.G.; DEVI, G.U.; SYEDBI, S.; NATARAJAN, Y.; NAIDU, S.C.V.R.M.; A, C.; T C, M.; S L, S.   | <b>2020102086</b> | Northwest Agriculture and Forestry University   |
| <b>2020102045</b> | Guangxi Academy of Agricultural Sciences  | <b>2020102087</b> | Institute of Plant Protection, Gansu Academy of Agricultural Sciences   |
| <b>2020102046</b> | S, K.; V, B.; T, M.; S, S.; S, A.; T, G.; U, J.; P, M.; G, V.; K, T.  |                   |   |
| <b>2020102047</b> | Shang Hai Applicable Technology University  | <b>2020102088</b> | Binzhou University  |
| <b>2020102048</b> | Beijing University of Technology  | <b>2020102089</b> | Tongji University   |
| <b>2020102049</b> | Shangluo University   | <b>2020102090</b> | Gansu Agricultural University; Institute of Plant Protection, Gansu Academy of Agricultural Sciences  |
| <b>2020102050</b> | Wang, B.; Wang, M.  |                   |   |
| <b>2020102051</b> | Devarajan, B.; Muthukrishnan, P.; B, A.; L, R.; Venkateswaran, B.; A, K, P.   | <b>2020102091</b> | Wuhan University of Science and Technology  |
| <b>2020102052</b> | INNOVATIONERA PTY LTD   | <b>2020102092</b> | Maxen Consulting Group Pty Ltd  |
| <b>2020102053</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102093</b> | Chinese Academy of Inspection and Quarantine  |
| <b>2020102054</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102094</b> | S, V.; R, G.; M, V.; R, S.K.; K.R, A.   |
| <b>2020102055</b> | Unipharm Healthy Manufacturing Co. Limited  | <b>2020102095</b> | Chinese Academy of Inspection and Quarantine  |
| <b>2020102056</b> | Unipharm Healthy Manufacturing Co. Limited  | <b>2020102096</b> | Petera, W.J.  |
| <b>2020102057</b> | Anhui University of Science and Technology  | <b>2020102097</b> | (Professor), D.P.N.; (Professor), D.K.R.B.; (Associate Professor), D.S.G.; (Assistant Professor), D.N.M.; (Associate Professor), D.P.K.; (Professor), D.P.K.  |
| <b>2020102058</b> | D, M.; J, J.; Rao, P.V.G.K.; A.P, S.; Singh, N.P.; Bharatheedasan, K.; B, S.; Rajagopal, S.; Palani, K.; Rajesh, S.   | <b>2020102098</b> | Gautam, D.K.; Sharma, N.K.; Khan, M.R.  |
| <b>2020102059</b> | Yancheng Institute of Technology; East China Sea Fishery Research Institute, Chinese Academy of Fishery Sciences; University of Rostock   | <b>2020102099</b> | RAJ, M.G.; P, B.S.; J.K, P.; M, S.; K, T.; MANOCHA, A.K.; M, S.; R, K.; SINGH, G.; KAUR, A.   |
| <b>2020102061</b> | WILLETTS, C.D.  | <b>2020102100</b> | Sharma, N.K.; Khan, M.A.; Singh, V.K.   |
| <b>2020102063</b> | Jinyimeng Group Co., Ltd.   | <b>2020102101</b> | Rajpoot, S.C.; Sharma, N.K.; Khan, M.A.; Rajpoot, P.S.  |
| <b>2020102064</b> | Snook, R.   | <b>2020102102</b> | Zhengzhou Research Institute of Mechanical Engineering Co., Ltd.  |
| <b>2020102065</b> | Shanghai Jiao Tong University; Suzhou Tangen Biotechnology Co., Ltd   | <b>2020102103</b> | Caverzan, L.  |
| <b>2020102066</b> | R, H.; RATHOD, M.L.; VALSANGE, S.; MAHADEV, S.; S, C.; S, R.; MANDI, M.V.   | <b>2020102104</b> | Sunmaster Blinds Co., Ltd.  |
| <b>2020102067</b> | Zhengzhou FoamTech Nano Materials Co Ltd  | <b>2020102105</b> | Sunmaster Blinds Co., Ltd.  |
| <b>2020102068</b> | (Associate Professor), D.N.K.M.; (Associate Professor), N.P.; (Associate Professor), D.A.K.S.; (Assistant Professor), B.K.B.; (Associate Professor), D.S.R.K.; (Research Scholar), R.T.; (Assistant Professor), S.A.; (Assistant Professor), J.P. | <b>2020102106</b> | Xi'an Polytechnic University  |
| <b>2020102069</b> | J, V.; Kumar, A.S.; R, T.; Aliar Maraikkayar, S.M.S.M.  | <b>2020102107</b> | Sichuan Agricultural University   |
| <b>2020102070</b> | Ahirwar, G.K.; Korath, A.; S, S.; Ahirwar, M.K.; R, K.; Kumar, B.P.; Singh, B.J.; Sharma, A.; Kalra, G.; Katta, S.K.  | <b>2020102109</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   |
| <b>2020102071</b> | BHARANI, P.   | <b>2020102110</b> | China University of Petroleum (East China)  |
| <b>2020102072</b> | Biswas, P.; Khan, M.R.; Rathore, S.   | <b>2020102111</b> | Nanjing Forestry University   |
| <b>2020102073</b> | Bizhao Geotechnical Technology (Nanjing) Co.,Ltd.   | <b>2020102112</b> | Techtronic Cordless GP  |
| <b>2020102074</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102113</b> | GALEA, V.   |
| <b>2020102075</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102114</b> | Crop Research Institute, Shandong Academy of Agricultural Sciences  |
| <b>2020102076</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102115</b> | Shukla, N.; Tirth, V.; Varshney, T.; Naruka, M.S.; Singh, R.K.; Jha, C.K.; Chordiya, S.B.; Pawar, V.P.; Rao, M.N.; Singh, B.R.  |
| <b>2020102077</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   | <b>2020102116</b> | Thomas, B.; Yang, J.; Gupta, R.C.; Kumar, S.  |
| <b>2020102078</b> | Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences   | <b>2020102117</b> | Marine Composites IP Pty Ltd  |
| <b>2020102079</b> | Teamlink Platform Pty Ltd   | <b>2020102118</b> | Shenzhen University   |
| <b>2020102080</b> | Sharma, M.; Balusamy, B.; Kumar, A.; Shankar, L.; Shekhar, J.; Sharma, R.; S, R.K.; N, G.; Muthiah, D.; Kallam, S.  | <b>2020102119</b> | Welspring Pty Ltd   |
| <b>2020102081</b> | Dalian Yulin Electric Motor Co.,Ltd.  | <b>2020102120</b> | arora, r.   |
|                   |   | <b>2020102121</b> | Tianjin University of Technology  |
|                   |   | <b>2020102122</b> | China University of Petroleum (East China)  |
|                   |   | <b>2020102123</b> | Tianjin Research Institute for Water Transport Engineering, M.O.T.  |
|                   |   | <b>2020102124</b> | Anhui Hebang Textile Technology Co., Ltd.   |
|                   |   | <b>2020102125</b> | Marxen, T.  |
|                   |   | <b>2020102126</b> | Northwest Institute of Plateau Biology, Chinese Academy of Sciences   |
|                   |   | <b>2020102127</b> | Ningbo Municipal Center for Disease Control and Prevention  |

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

| <b>Code</b> | <b>Meaning</b>   |
|-------------|--|
| 1           | Application Lapsed Section 142(2)(a)   |
| 3           | Application Lapsed Section 142(2)(c)   |
| 4           | Application Lapsed Section 142(2)(d)   |
| 5           | Application Lapsed Section 142(2)(e)   |
| 6           | Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)   |
| 7           | Application Lapsed Reg. 3.2A(3)/Reg. 3.2C  |
| 8           | Application Lapsed Reg. 3.4(6)   |
| 9           | Application Lapsed Section 142(3)  |
| 11          | Application Lapsed Section 148(1)(c)   |
| 12          | Application Withdrawn Section 141(1)   |
| 13          | Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)                           |
| 14          | Patent Ceased Section 143(a), or Expired   |
| 15          | Patent Ceased Section 143(b)   |
| 16          | Application Refused  |
| 17          | Application Lapsed Reg. 22.2B(2)   |
| 18          | Application Lapsed Reg. 3.2B(3),(5) or (6)   |
| 20          | Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)   |
| 21          | Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4  |
| 22          | Patent Ceased Section 143A(d), or Expired  |
| 23          | Patent Ceased Section 143A(e)  |
| 24          | Application Lapsed Reg. 22.2E(2)   |
| 25          | Application Lapsed Reg. 22.2I(2)   |
| 26          | Application Lapsed Reg. 3.5AC(11)  |
| 27          | Application Lapsed Reg. 3.5AF(2F)  |
| 28          | Application Lapsed Reg. 22.15A(3)  |
| A           | Applications on which examination has not been requested or directed                                   |
| B           | Applications on which a direction to request examination has been given                                |
| C           | Applications on which examination has been requested or on which an examination report has been issued |
| D           | Applications which have been accepted or advertised accepted   |
| E           | Patents on which an examination has not been requested   |
| F           | Patents on which an examination has been requested or report issued                                    |
| G           | Patents Certified  |
| N           | Applications not Open to Public Inspection   |

**2000**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2000053678 ( 14 ) | 2000053698 ( 14 ) | 2000055011 ( 14 ) |
| 2000055047 ( 14 ) | 2000055088 ( 14 ) | 2000065530 ( 14 ) |
| 2000068017 ( 14 ) | 2000068098 ( 14 ) | 2000068100 ( 14 ) |
| 2000068112 ( 14 ) | 2000068167 ( 14 ) | 2000068198 ( 14 ) |
| 2000068645 ( 14 ) | 2000069437 ( 14 ) | 2000069452 ( 14 ) |
| 2000069458 ( 14 ) | 2000069476 ( 14 ) | 2000070752 ( 14 ) |
| 2000070897 ( 14 ) | 2000071000 ( 14 ) | 2000071103 ( 14 ) |
| 2000073231 ( 14 ) | 2000073358 ( 14 ) | 2000073359 ( 14 ) |
| 2000073361 ( 14 ) | 2000073362 ( 14 ) | 2000073388 ( 14 ) |
| 2000073915 ( 14 ) | 2000074615 ( 14 ) | 2000074718 ( 14 ) |
| 2000075057 ( 14 ) | 2000075762 ( 14 ) | 2000076429 ( 14 ) |
| 2000080360 ( 14 ) | 2000080363 ( 14 ) |                   |

**2001**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2001012499 ( 14 ) | 2001023182 ( 14 ) | 2001023210 ( 14 ) |
| 2001232345 ( 14 ) | 2001233509 ( 14 ) | 2001233876 ( 14 ) |
| 2001237170 ( 14 ) | 2001241759 ( 14 ) | 2001245334 ( 14 ) |
| 2001250634 ( 14 ) |                   |                   |

**2002**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2002015676 ( 14 ) | 2002230007 ( 14 ) | 2002231996 ( 14 ) |
| 2002232302 ( 14 ) | 2002232364 ( 14 ) | 2002234820 ( 14 ) |
| 2002237195 ( 14 ) | 2002240419 ( 14 ) | 2002245480 ( 14 ) |
| 2002247184 ( 14 ) | 2002247214 ( 14 ) | 2002247733 ( 14 ) |
| 2002248500 ( 14 ) | 2002306550 ( 14 ) | 2002306558 ( 14 ) |

**2003**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2003200547 ( 14 ) | 2003203123 ( 14 ) | 2003208012 ( 14 ) |
| 2003211127 ( 14 ) | 2003213230 ( 14 ) | 2003215330 ( 14 ) |
| 2003219799 ( 14 ) | 2003225591 ( 14 ) |                   |

**2004**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2004200638 ( 14 ) | 2004200639 ( 14 ) | 2004200731 ( 14 ) |
| 2004200733 ( 14 ) | 2004202082 ( 14 ) | 2004202083 ( 14 ) |
| 2004205139 ( 14 ) | 2004212630 ( 14 ) | 2004212843 ( 14 ) |
| 2004213192 ( 14 ) | 2004213642 ( 14 ) | 2004214180 ( 14 ) |
| 2004214919 ( 14 ) | 2004215238 ( 14 ) | 2004216659 ( 14 ) |
| 2004224917 ( 14 ) | 2004269294 ( 14 ) |                   |

**2005**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2005200755 ( 14 ) | 2005200780 ( 14 ) | 2005202046 ( 14 ) |
| 2005214465 ( 14 ) | 2005215024 ( 14 ) | 2005215546 ( 14 ) |
| 2005216091 ( 14 ) | 2005223418 ( 14 ) | 2005237661 ( 14 ) |
| 2005240515 ( 14 ) | 2005269245 ( 14 ) |                   |

**2006**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2006200146 ( 14 ) | 2006200724 ( 14 ) | 2006200741 ( 14 ) |
| 2006200752 ( 14 ) | 2006200778 ( 14 ) | 2006200780 ( 14 ) |
| 2006201179 ( 14 ) | 2006214016 ( 14 ) | 2006215012 ( 14 ) |
| 2006218874 ( 14 ) | 2006219141 ( 14 ) | 2006219475 ( 14 ) |
| 2006220154 ( 14 ) | 2006227942 ( 14 ) | 2006228050 ( 14 ) |
| 2006302797 ( 14 ) |                   |                   |

**2007**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2007200723 ( 14 ) | 2007200729 ( 14 ) | 2007203284 ( 14 ) |
| 2007217549 ( 14 ) | 2007218487 ( 14 ) | 2007218671 ( 14 ) |
| 2007218712 ( 14 ) | 2007218768 ( 14 ) | 2007218779 ( 14 ) |
| 2007219318 ( 14 ) | 2007220811 ( 14 ) | 2007221261 ( 14 ) |
| 2007221987 ( 14 ) | 2007222067 ( 14 ) | 2007227733 ( 14 ) |
| 2007231873 ( 14 ) | 2007275961 ( 14 ) |                   |

**2008**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2008200823 ( 14 ) | 2008200862 ( 14 ) | 2008200865 ( 14 ) |
| 2008200902 ( 14 ) | 2008200931 ( 14 ) | 2008202936 ( 14 ) |
| 2008217605 ( 14 ) | 2008217916 ( 14 ) | 2008218073 ( 14 ) |
| 2008218085 ( 14 ) | 2008218116 ( 14 ) | 2008218240 ( 14 ) |
| 2008218527 ( 14 ) | 2008218792 ( 14 ) | 2008218929 ( 14 ) |
| 2008218958 ( 14 ) | 2008219326 ( 14 ) | 2008219360 ( 14 ) |
| 2008219461 ( 14 ) | 2008219700 ( 14 ) | 2008220128 ( 14 ) |
| 2008221578 ( 14 ) | 2008228565 ( 14 ) | 2008231242 ( 14 ) |
| 2008234979 ( 14 ) | 2008237532 ( 14 ) | 2008249153 ( 14 ) |
| 2008255249 ( 14 ) | 2008348978 ( 14 ) | 2008350992 ( 14 ) |

**2009**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2009200247 ( 14 ) | 2009200633 ( 14 ) | 2009215786 ( 14 ) |
| 2009215805 ( 14 ) | 2009215956 ( 14 ) | 2009216037 ( 14 ) |
| 2009216197 ( 14 ) | 2009216261 ( 14 ) | 2009216535 ( 14 ) |
| 2009216931 ( 14 ) | 2009217349 ( 14 ) | 2009218365 ( 14 ) |
| 2009219339 ( 14 ) | 2009243507 ( 14 ) |                   |

**2010**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2010200680 ( 14 ) | 2010215076 ( 14 ) | 2010215077 ( 14 ) |
| 2010215304 ( 14 ) | 2010215794 ( 14 ) | 2010215913 ( 14 ) |
| 2010217623 ( 14 ) | 2010217668 ( 14 ) | 2010218186 ( 14 ) |
| 2010218384 ( 14 ) | 2010219486 ( 14 ) | 2010219493 ( 14 ) |
| 2010219495 ( 14 ) | 2010220190 ( 14 ) | 2010220225 ( 14 ) |
| 2010221653 ( 14 ) | 2010229241 ( 14 ) | 2010241185 ( 14 ) |
| 2010346478 ( 14 ) | 2010346962 ( 14 ) |                   |

**2011**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2011200678 ( 14 ) | 2011200702 ( 14 ) | 2011200723 ( 14 ) |
|-------------------|-------------------|-------------------|

|                   |                   |                   |                   |                    |                    |
|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 2011200773 ( 14 ) | 2011200792 ( 14 ) | 2011203154 ( 14 ) | 2015318305 ( 5C ) | 2015320358 ( 25D ) | 2015328547 ( 25D ) |
| 2011203203 ( 14 ) | 2011213888 ( 14 ) | 2011216642 ( 14 ) | 2015329751 ( 5C ) | 2015339757 ( 5C )  | 2015353373 ( 5C )  |
| 2011218822 ( 14 ) | 2011219022 ( 14 ) | 2011219488 ( 14 ) | 2015362703 ( 5C ) | 2015364582 ( 5C )  | 2015365496 ( 5C )  |
| 2011219496 ( 14 ) | 2011219823 ( 14 ) | 2011219893 ( 14 ) | 2015376077 ( 4C ) | 2015383164 ( 14 )  | 2015384197 ( 14 )  |
| 2011220813 ( 14 ) | 2011221227 ( 14 ) | 2011226721 ( 14 ) | 2015384216 ( 14 ) | 2015409121 ( 1B )  | 2015409186 ( 1B )  |
| 2011226927 ( 14 ) | 2011238126 ( 14 ) | 2011238304 ( 14 ) | 2015409190 ( 1B ) | 2015411949 ( 1B )  | 2015412727 ( 1B )  |
| 2011238887 ( 14 ) | 2011239144 ( 14 ) | 2011253682 ( 14 ) | 2015413307 ( 1B ) | 2015413610 ( 1B )  | 2015413918 ( 1B )  |
| 2011265365 ( 14 ) | 2011281394 ( 14 ) | 2011292903 ( 14 ) | 2015414726 ( 1B ) | 2015419226 ( 1B )  |                    |

**2012**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2012101303 ( 22 ) | 2012101309 ( 22 ) | 2012101310 ( 22 ) |
| 2012101314 ( 22 ) | 2012101316 ( 22 ) | 2012101317 ( 22 ) |
| 2012101318 ( 22 ) | 2012101322 ( 22 ) | 2012101325 ( 22 ) |
| 2012101327 ( 22 ) | 2012101328 ( 22 ) | 2012101330 ( 22 ) |
| 2012101336 ( 22 ) | 2012101349 ( 22 ) | 2012101925 ( 22 ) |
| 2012200136 ( 14 ) | 2012200966 ( 14 ) | 2012201064 ( 14 ) |
| 2012201098 ( 14 ) | 2012201560 ( 14 ) | 2012202143 ( 14 ) |
| 2012205131 ( 14 ) | 2012219719 ( 14 ) | 2012219925 ( 14 ) |
| 2012219936 ( 14 ) | 2012220352 ( 14 ) | 2012220354 ( 14 ) |
| 2012220382 ( 14 ) | 2012220431 ( 14 ) | 2012220596 ( 14 ) |
| 2012221154 ( 14 ) | 2012221785 ( 14 ) | 2012222173 ( 14 ) |
| 2012222219 ( 14 ) | 2012223882 ( 14 ) | 2012226774 ( 14 ) |
| 2012228544 ( 14 ) | 2012233099 ( 14 ) | 2012235149 ( 14 ) |
| 2012238331 ( 14 ) | 2012238332 ( 14 ) | 2012249139 ( 14 ) |
| 2012259420 ( 14 ) | 2012293073 ( 14 ) | 2012370472 ( 14 ) |
| 2012370478 ( 14 ) |                   |                   |

**2013**

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 2013100172 ( 22G ) | 2013100179 ( 22E ) | 2013100232 ( 22E ) |
| 2013200703 ( 14 )  | 2013200867 ( 14 )  | 2013200916 ( 14 )  |
| 2013200965 ( 14 )  | 2013201001 ( 14 )  | 2013201002 ( 14 )  |
| 2013202557 ( 14 )  | 2013203887 ( 14 )  | 2013205274 ( 14 )  |
| 2013205742 ( 14 )  | 2013220339 ( 14 )  | 2013221193 ( 14 )  |
| 2013222215 ( 14 )  | 2013222444 ( 14 )  | 2013222554 ( 14 )  |
| 2013222568 ( 14 )  | 2013222916 ( 14 )  | 2013223099 ( 14 )  |
| 2013223756 ( 14 )  | 2013223767 ( 14 )  | 2013223905 ( 14 )  |
| 2013223922 ( 14 )  | 2013226404 ( 14 )  | 2013227547 ( 14 )  |
| 2013227556 ( 14 )  | 2013227569 ( 14 )  | 2013227583 ( 14 )  |
| 2013238791 ( 14 )  | 2013293548 ( 14 )  |                    |

**2014**

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 2014100138 ( 22G ) | 2014100140 ( 22E ) | 2014100141 ( 22E ) |
| 2014100169 ( 22E ) | 2014100700 ( 22 )  | 2014200880 ( 14 )  |
| 2014200882 ( 14 )  | 2014201648 ( 14 )  | 2014217892 ( 14 )  |
| 2014218522 ( 14 )  | 2014218704 ( 14 )  | 2014218737 ( 14 )  |
| 2014218883 ( 14 )  | 2014218915 ( 14 )  | 2014219681 ( 14 )  |
| 2014220300 ( 14 )  | 2014220330 ( 14 )  | 2014220632 ( 14 )  |
| 2014220636 ( 14 )  | 2014221964 ( 14 )  | 2014223850 ( 14 )  |
| 2014223899 ( 14 )  | 2014225133 ( 14 )  | 2014226412 ( 14 )  |
| 2014226413 ( 14 )  | 2014228621 ( 14 )  | 2014238247 ( 14 )  |
| 2014242161 ( 14 )  | 2014249901 ( 14 )  | 2014249969 ( 14 )  |
| 2014249988 ( 14 )  | 2014271351 ( 14 )  | 2014274590 ( 14 )  |
| 2014321073 ( 14 )  | 2014321074 ( 14 )  | 2014337582 ( 14 )  |
| 2014383137 ( 14 )  | 2014383159 ( 14 )  | 2014383160 ( 14 )  |
| 2014383548 ( 14 )  | 2014383650 ( 14 )  |                    |

**2015**

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 2015100185 ( 22E ) | 2015100187 ( 22E ) | 2015100195 ( 22E ) |
| 2015100203 ( 22E ) | 2015100227 ( 22E ) | 2015100744 ( 22 )  |
| 2015200840 ( 14 )  | 2015200900 ( 4C )  | 2015200928 ( 14 )  |
| 2015200930 ( 14 )  | 2015200934 ( 14 )  | 2015200935 ( 14 )  |
| 2015218607 ( 14 )  | 2015218633 ( 4C )  | 2015218642 ( 4C )  |
| 2015218764 ( 4C )  | 2015218816 ( 4C )  | 2015218823 ( 14 )  |
| 2015218886 ( 4D )  | 2015218940 ( 14 )  | 2015218949 ( 4C )  |
| 2015219038 ( 14 )  | 2015219120 ( 4C )  | 2015219529 ( 14 )  |
| 2015219606 ( 14 )  | 2015219854 ( 14 )  | 2015220585 ( 14 )  |
| 2015220731 ( 4C )  | 2015220888 ( 14 )  | 2015221187 ( 14 )  |
| 2015221820 ( 14 )  | 2015223293 ( 14 )  | 2015225696 ( 14 )  |
| 2015225697 ( 14 )  | 2015226004 ( 14 )  | 2015227525 ( 5C )  |
| 2015231895 ( 14 )  | 2015240423 ( 4C )  | 2015258318 ( 14 )  |
| 2015259834 ( 4C )  | 2015268654 ( 5C )  | 2015274327 ( 5C )  |
| 2015275886 ( 5C )  | 2015280282 ( 5C )  | 2015304080 ( 5C )  |

**2016**

|                    |                   |                    |
|--------------------|-------------------|--------------------|
| 2016100189 ( 22G ) | 2016100220 ( 22 ) | 2016201062 ( 4A )  |
| 2016201068 ( 4A )  | 2016201125 ( 14 ) | 2016201159 ( 14 )  |
| 2016201948 ( 14 )  | 2016203165 ( 5C ) | 2016205336 ( 5C )  |
| 2016208276 ( 1B )  | 2016209028 ( 5C ) | 2016219772 ( 4C )  |
| 2016222287 ( 4C )  | 2016222321 ( 14 ) | 2016222748 ( 4C )  |
| 2016222750 ( 4C )  | 2016222779 ( 14 ) | 2016222867 ( 14 )  |
| 2016222978 ( 4C )  | 2016225783 ( 1B ) | 2016225786 ( 1B )  |
| 2016226488 ( 4C )  | 2016226519 ( 4C ) | 2016227062 ( 4C )  |
| 2016228242 ( 1B )  | 2016231521 ( 1B ) | 2016249749 ( 5C )  |
| 2016260929 ( 4C )  | 2016262459 ( 5C ) | 2016269388 ( 14 )  |
| 2016273981 ( 1B )  | 2016277682 ( 1B ) | 2016290881 ( 25D ) |
| 2016322059 ( 1B )  | 2016322489 ( 1B ) | 2016323143 ( 1B )  |
| 2016323302 ( 1B )  | 2016323723 ( 1B ) | 2016323732 ( 1B )  |
| 2016323770 ( 1B )  | 2016323806 ( 1B ) | 2016323967 ( 1B )  |
| 2016324021 ( 1B )  | 2016324293 ( 1B ) | 2016324303 ( 1B )  |
| 2016325452 ( 1B )  | 2016325466 ( 1B ) | 2016326428 ( 1B )  |
| 2016326537 ( 1B )  | 2016327442 ( 1B ) | 2016328527 ( 1B )  |
| 2016328559 ( 1B )  | 2016331541 ( 5C ) | 2016340038 ( 1B )  |
| 2016342485 ( 1B )  | 2016348506 ( 1B ) | 2016349440 ( 1B )  |
| 2016350555 ( 1B )  | 2016350803 ( 1B ) | 2016350843 ( 1B )  |
| 2016369938 ( 1B )  | 2016370680 ( 1B ) | 2016371381 ( 1B )  |
| 2016372249 ( 1B )  | 2016372805 ( 1B ) | 2016373543 ( 1B )  |
| 2016373995 ( 1B )  | 2016376212 ( 1B ) | 2016377747 ( 1B )  |
| 2016391116 ( 5C )  | 2016391882 ( 4B ) | 2016391883 ( 4B )  |
| 2016391884 ( 4B )  | 2016393815 ( 4A ) | 2016394064 ( 4C )  |
| 2016404622 ( 25D ) |                   |                    |

**2017**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2017202802 ( 14 ) | 2017202997 ( 14 ) | 2017203491 ( 14 ) |
| 2017204076 ( 14 ) | 2017206143 ( 14 ) | 2017240674 ( 1B ) |
| 2017243071 ( 1B ) | 2017243531 ( 1B ) | 2017244882 ( 1B ) |
| 2017245037 ( 1B ) | 2017245116 ( 5C ) | 2017245795 ( 1B ) |
| 2017265150 ( 4C ) | 2017294807 ( 1B ) | 2017295424 ( 1B ) |
| 2017297391 ( 1B ) | 2017297433 ( 1B ) | 2017301032 ( 1B ) |
| 2017304162 ( 5C ) | 2017310399 ( 5C ) | 2017310402 ( 5C ) |
| 2017313062 ( 5C ) | 2017313307 ( 5C ) | 2017319155 ( 5C ) |
| 2017319323 ( 1B ) | 2017319520 ( 5C ) | 2017321492 ( 1B ) |
| 2017321891 ( 5C ) | 2017324446 ( 1B ) | 2017326742 ( 1B ) |
| 2017329049 ( 1B ) | 2017342471 ( 5C ) | 2017348637 ( 5C ) |
| 2017382389 ( 5C ) |                   |                   |

**2018**

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 2018100210 ( 22E ) | 2018100211 ( 22E ) | 2018100213 ( 22E ) |
| 2018100214 ( 22E ) | 2018100216 ( 22E ) | 2018100217 ( 22E ) |
| 2018100220 ( 22E ) | 2018100221 ( 22E ) | 2018100222 ( 22E ) |
| 2018100228 ( 22E ) | 2018100234 ( 22E ) | 2018100236 ( 22E ) |
| 2018100240 ( 22E ) | 2018100241 ( 22E ) | 2018101498 ( 22E ) |
| 2018200424 ( 5C )  | 2018201201 ( 4C )  | 2018201935 ( 5C )  |
| 2018202188 ( 4C )  | 2018203704 ( 5C )  | 2018203730 ( 5C )  |
| 2018203783 ( 4C )  | 2018204105 ( 5C )  | 2018204246 ( 25D ) |
| 2018204376 ( 5C )  | 2018204422 ( 5C )  | 2018204492 ( 5C )  |
| 2018205071 ( 5C )  | 2018208660 ( 5C )  | 2018209446 ( 5C )  |
| 2018209453 ( 5C )  | 2018209935 ( 5C )  | 2018214032 ( 5C )  |
| 2018220083 ( 4C )  | 2018223053 ( 25D ) | 2018228329 ( 5C )  |
| 2018229447 ( 4C )  | 2018229493 ( 5C )  | 2018230702 ( 5C )  |
| 2018236727 ( 5C )  | 2018247211 ( 5C )  | 2018247237 ( 5C )  |
| 2018247254 ( 5C )  | 2018250392 ( 5C )  | 2018256470 ( 5C )  |
| 2018209453 ( 5C )  | 2018260791 ( 5C )  | 2018260865 ( 5C )  |
| 2018264076 ( 5C )  | 2018264120 ( 5C )  | 2018267678 ( 5C )  |
| 2018271265 ( 5C )  | 2018274886 ( 5C )  | 2018274983 ( 5C )  |
| 2018278856 ( 5C )  | 2018278921 ( 5C )  | 2018278926 ( 5C )  |
| 2018282328 ( 4C )  | 2018282420 ( 4C )  | 2018310178 ( 5C )  |

2018347185 ( 5C )

**2019**

2019101092 ( 22E ) 2019200001 ( 4C ) 2019200003 ( 5C )  
 2019200536 ( 5C ) 2019200538 ( 4C ) 2019200565 ( 4C )  
 2019200570 ( 5C ) 2019200613 ( 5C ) 2019200944 ( 5C )  
 2019201006 ( 5C ) 2019201354 ( 5CN ) 2019201688 ( 4C )  
 2019201786 ( 5CN ) 2019203316 ( 25D ) 2019208159 ( 5CN )  
 2019216614 ( 5C ) 2019228889 ( 12C ) 2019903239 ( 12AN )  
 2019903349 ( 12AN ) 2019904012 ( 12AN ) 2019904022 ( 12AN )  
 2019904418 ( 12AN )

**2020**

2020101081 ( 18AN ) 2020101098 ( 18AN ) 2020101178 ( 18AN )  
 2020101997 ( 12AN ) 2020102095 ( 12AN ) 2020203888 ( 1B )  
 2020203928 ( 1B ) 2020203999 ( 1B ) 2020204009 ( 1B )  
 2020204035 ( 1B ) 2020204036 ( 1B ) 2020204189 ( 7AN )  
 2020227047 ( 12AN ) 2020901964 ( 12AN )

**Assignments before Grant, Section 113**

**2008**

2008212019 Aussie Traveller Pty Ltd The application has been assigned to **Aussie Recreation Pty Ltd**

**2009**

2009304000 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

**2014**

2014407464 Salegui Echeveste, Juan Jose; Salegi Etxebeste, Inaki The application has been assigned to **LAINOMEDICAL, S.L.**

**2015**

2015202929 Bayer New Zealand Limited The application has been assigned to **Elanco New Zealand**

2015266664 HENLIX BIOTECH CO., LTD. The application has been assigned to **SHANGHAI HENLIUS BIOTECH, INC.**

**2016**

2016211500 ABB Schweiz AG The application has been assigned to **MARICI Holdings The Netherlands B.V.**

2016322843 Discovery Limited The application has been assigned to **Vitality Group International, Inc.**

2016356185 iMorphics Limited The application has been assigned to **Mako Surgical Corp.**

2016381909 Toyobo Co., Ltd.; Synvina C.V. The application has been assigned to **Furanix Technologies B.V.; Toyobo Co., Ltd.**

**2017**

2017220045 Purple Line Limited The application has been assigned to **Opus RV Pty Ltd**

2017222389 Quoceant Limited The application has been assigned to **ARTEMIS INTELLIGENT POWER LIMITED**

2017242303 Synvina C.V.; Toyobo Co., Ltd. The application has been assigned to **Toyobo Co., Ltd.; Furanix Technologies B.V.**

**Assignments before Grant, Section 113**

2017249218 Carnot, LLC The application has been assigned to **Arcuate Therapeutics, Inc.**

2017253089 Gao, Linyi; Zetsche, Bernd; Cox, David Benjamin Turitz; Slaymaker, Ian; The Broad Institute, Inc.; Zhang, Feng; Massachusetts Institute of Technology The application has been assigned to **The Broad Institute, Inc.; Massachusetts Institute of Technology**

2017310017 Wim de Laat Consultancy B.V. The application has been assigned to **The Protein Brewery B.V.**

2017351746 Gillespie, Margaret Forshaw The application has been assigned to **Valluga Holdings Pty Ltd**

2017368611 Nippon Shokubai Co., Ltd.; Educational Foundation of Osaka Medical and Pharmaceutical University The application has been assigned to **Nippon Shokubai Co., Ltd.**

2017904138 IP Reserve Pty Ltd The application has been assigned to **Zodiac Group Australia Pty Limited**

**2018**

2018234267 Thomas & Fontaine Limited The application has been assigned to **ARK Agriculture Limited**

2018244192 Redbud Labs, Inc. The application has been assigned to **Redbud Labs, Inc.; The University of North Carolina at Chapel Hill**

2018297634 B. Braun Medical Industries SDN., BHD. The application has been assigned to **B. Braun Melsungen AG**

2018302022 Roizman, Keith The application has been assigned to **MacRegen, Inc.**

2018344416 Covagen AG The application has been assigned to **Cilag GmbH International**

2018344417 Covagen AG The application has been assigned to **Cilag GmbH International**

2018390993 RBH Engineering Pty Ltd The application has been assigned to **Turret IP Pty Ltd**

**2019**

2019201744 Longquan Shengzhi Cup Industry Co., Ltd. The application has been assigned to **Yongkang Guanding Cup Industry Co., Ltd.**

2019201750 Ningbo Junxing Daily Commodity Co., Ltd. The application has been assigned to **Linyi Ganggangmi Toys Co., Ltd.**

2019201782 Zhuji Yongyuan Bag Co., Ltd. The application has been assigned to **Linyi Ganggangmi Toys Co., Ltd.**

2019201813 Lanxi Huijie Household Products Co., Ltd. The application has been assigned to **Linhai Shengzhi Cup Industry Co., Ltd.**

2019201827 Jinyun Xinyang Crafts&Gifts Co., Ltd. The application has been assigned to **Linyi Ganggangmi Toys Co., Ltd.**

**Assignments before Grant, Section 113**

2019201833 Yiwu Guanda Cup Industry Co., Ltd. The application has been assigned to **Yongkang Guanding Cup Industry Co., Ltd.**

2019201960 Hangzhou Zhenhang Crystal Co., Ltd. The application has been assigned to **Yantai Tanyi Crafts&Gifts Co., Ltd.**

2019202023 Taizhou Jiaojiang Ruijiang Computer Co., Ltd. The application has been assigned to **Linyi Ganggangmi Toys Co., Ltd.**

2019202068 Lanxi Zhengke Lockset Co., Ltd. The application has been assigned to **Binzhou Fangxin Computer Co., Ltd.**

2019202243 Haining Jinshi Crystal Co., Ltd. The application has been assigned to **Yuhuan Hanxin Machinery Technology Co., Ltd.**

2019202281 Xiangshan Youcheng Crystal Co., Ltd. The application has been assigned to **Yantai Tanyi Crafts&Gifts Co., Ltd.**

2019202364 Haining Jinshi Crystal Co., Ltd. The application has been assigned to **Yuhuan Hanxin Machinery Technology Co., Ltd.**

2019202542 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Jinyun Xinyang Crafts&Gifts Co., Ltd.**

2019202544 Jiangshan City Heshuo Stationery Co., Ltd. The application has been assigned to **Weifang Luoshu Jewelry Co., Ltd.**

2019203373 Aussie Traveller Pty Ltd The application has been assigned to **Aussie Recreation Pty Ltd**

2019213277 Therapix Biosciences Ltd. The application has been assigned to **Evero**

2019268139 Boston Scientific Scimed, Inc. The application has been assigned to **Minerva Surgical, Inc.**

2019900334 Aussie Traveller Pty Ltd The application has been assigned to **Aussie Recreation Pty Ltd**

2019903299 The University of Sydney The application has been assigned to **Kinoxis Therapeutics Pty Ltd**

2019903315 AYATA IQ PTY LTD The application has been assigned to **AIQ Hybrid Pty Ltd**

2019903476 The Australian National University; Universität Stuttgart The application has been assigned to **The Australian National University**

2019904426 Morris, David; Jebbink, Daniel The application has been assigned to **Marine Composites IP Pty Ltd**

**2020**

2020200693 ProductVisionaries, LLC The application has been assigned to **BasilHealth, LLC**

2020200694 ProductVisionaries, LLC The application has been assigned to **BasilHealth, LLC**

**Assignments before Grant, Section 113**

2020202640 Boston Scientific Scimed, Inc. The application has been assigned to **Minerva Surgical, Inc.**

**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.

**2006**

2006272722 **Franklin, J.** An application to extend the time from 21 Jul 2019 to 21 Aug 2020 in which to pay the renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2014**

2014348303 **Corista LLC** An application to extend the time from 17 Nov 2018 to 17 Dec 2019 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2015**

2015360415 **KYNDI, Inc.** An application to extend the time from 10 Dec 2019 to 10 Sep 2020 in which to pay the continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015360437 **KYNDI, INC.** An application to extend the time from 10 Dec 2019 to 10 Sep 2020 in which to pay the continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2017**

2017101818 **Matar, Z.; Nassar, M.; Naser, M.** An application to extend the time from 16 Feb 2020 to 16 Aug 2020 in which to pay a renewal fee has been filed . Address for service - Zaki Matar PO BOX 30 South Morang VIC 3752 AU

2017251704 **Quadruga BioSciences, Inc.** An application to extend the time from 03 Feb 2020 to 03 Sep 2020 in which to pay the renewal fee has been filed . Address for service - MINTER ELLISON Rialto Towers 525 Collins St Melbourne VIC 3000 AU

2017258840 **Jackson III, A.** An application to extend the time from 28 Dec 2019 to 28 Jul 2020 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018100031 **AUSTAND EDUNBURGH ELEVATORS PTY LTD** An application to extend the time from 10 Jan 2020 to 10 Sep 2020 in which to pay the renewal fee has been filed . Address for service - AUSTAND EDUNBURGH ELEVATORS PTY LTD 165 Grote St Adelaide SA 5000 AU

2018102129 **Thejo Engineering Ltd.** An application to extend the time from 22 May 2019 to 22 Mar 2020 in which to comply with a direction under Reg 3.2B has been filed . Address for service - MOHAN MURALI KODIVEL Suite 6/130, Pendle Way Pendle Hill NSW 2145 AU

2018102130 **Thejo Engineering Ltd.** An application to extend the time from 25 May 2019 to 25 Mar 2020 in which to comply with a direction under Reg



**Extensions of Time, Section 223**

3.2B has been filed . Address for service - MOHAN MURALI KODIVEL Suite 6/130, Pendle Way Pendle Hill NSW 2145 AU

2018317611 **SICHUAN BAILI PHARM CO. LTD** An application to extend the time from 18 Mar 2020 to 18 Sep 2020 in which to enter the national phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2019**

2019268163 **HEE Solar, L.L.C.** An application to extend the time from 24 Nov 2019 to 24 Jun 2020 in which to pay a continuation fee has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

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

**2014**

2014287005 **The Children's Hospital of Philadelphia** The time in which to gain acceptance has been extended to 09 Dec 2020 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2015**

2015243012 **Roto-gro Inc.** The time in which to file the SGP during Opposition Proceedings has been extended to 21 Nov 2020 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2015341008 **Byo Towers, S.L.** The time in which to gain acceptance has been extended to 05 Dec 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016219906 **SciFluor Life Sciences, Inc.** The time in which to gain acceptance has been extended to 12 Dec 2020 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016261714 **Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; Energystoredge Ltd.** The time in which to gain acceptance has been extended to 26 Dec 2020 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2016353109 **GHST World Inc.** The time in which to request examination has been extended to 30 Sep 2020 . Address for service - Acacia Law PO Box 1279 Milton QLD 4064 AU

2016356491 **Fresenius Medical Care Deutschland GmbH** The time in which to request examination has been extended to 26 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016371218 **Samuelson, C.; Samuelson, M.; Samuelson, A.; Samuelson, K.** The time in which to request examination has been extended to 30 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2017**

2017203931 **Essilor International** The time in which to gain acceptance has been extended to 30 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**Extensions of Time, Section 223**

2017286168 **Unilever PLC** The time in which to pay the acceptance fee has been extended to 05 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2017312113 **Factor Bioscience Inc.** The time in which to request examination has been extended to 16 Sep 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017338256 **SRG Global IP Pty Ltd** The time in which to gain acceptance has been extended to 26 Jul 2020 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

2017352260 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO.** The time in which to gain acceptance has been extended to 30 Dec 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017366375 **Wuxi Fortune Pharmaceutical Co.,Ltd** The time in which to gain acceptance has been extended to 11 Dec 2020 . Address for service - MARTIN IP PTY LTD PO Box 906 Brisbane QLD 4001 AU

2017393428 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The time in which to gain acceptance has been extended to 13 Dec 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2018**

2018214043 **GUSTAVSSON, M.L.A.; BINUN, P.** The time in which to pay the acceptance fee has been extended to 16 Sep 2020 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2018260946 **Pedra Technology PTE LTD** The time in which to gain acceptance has been extended to 18 Dec 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018278885 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The time in which to gain acceptance has been extended to 25 Dec 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2019**

2019903306 **Malana, J.** The time in which to associate with a complete application has been extended to 06 Dec 2020 . Address for service - Jacob Malana Launch Pad, Ground Floor 100 George St Parramatta NSW 2150 AU

**2020**

2020201206 **Suktarachan, P.** The time in which to comply with a direction under Reg 3.2A has been extended to 20 Jun 2020 . Address for service - Pairoj Suktarachan 1608/265 Exhibition Street Melbourne VIC 3000 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.

**Amendments**

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.

**2013**

2013304949 NEP inhibitors for treating diseases characterized by atrial enlargement or remodeling **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2015**

2015261280 Method and system for downhole object location and orientation determination **Silixa Ltd.** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015405326 PACKAGED WHEAT FLOUR **Nisshin Foods Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Aug 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016276770 Asymmetric mitral annuloplasty band **Edwards Lifesciences, LLC** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017242765 Method and device for registering biometric identity and authenticating biometric identity **Alibaba Group Holding Limited** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2020 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

**2018**

2018211351 METHOD FOR ISOLATION AND PURIFICATION OF MICROVESICLES FROM CELL CULTURE SUPERNATANTS AND BIOLOGICAL FLUIDS **University of Miami** The nature of the amendment is as shown in the statement(s) filed 27 Aug 2020 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2019**

2019201520 PHARMACEUTICAL COMPOSITION **Mexichem Fluor S.A. de C.V.** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2019204365 Method and System for Image Segmentation and Identification **StraxCorp Pty. Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Aug 2020 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

**Amendments Made**

**2011**

2011200851 **HBG IP Holding Pty Ltd** The nature of the amendment is as shown in the statements filed 9 Apr 2019, 27 Sep 2018, 3 Jan 2019 and 18 Apr 2019

**Amendments**

**2014**

2014336638 **Ruprecht-Karls-Universitat Heidelberg; Deutsches Krebsforschungszentrum** The nature of the amendment is as shown in the statements filed 24 Feb 2020 and 27 April 2020

**2015**

2015252906 **Bioasis Technologies, Inc.** The nature of the amendment is as shown in the statement filed 28 May 2020

2015301355 **Ecolab USA Inc.** The nature of the amendment is as shown in the statement filed 01 Jun 2020

2015307296 **Singapore University of Technology and Design; National Skin Centre (Singapore) Pte Ltd** The nature of the amendment is: Amend the name of the inventor to read Do, Thanh-Toan; Zhou, Yiren; Pomponiu, Victor; Cheung, Ngai-Man; Koh, Dawn Chin Ing and Tan, Suat Hoon

2015337847 **FCI Holdings Delaware, Inc.** The nature of the amendment is: Application is to proceed under the number 2015101987

**2016**

2016206286 **NOWWW.US Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Anson, Mark Rodney and Roman-Miller, Lance Arthur

2016253640 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 17 Apr 2020

2016275642 **Wakunaga Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 Jun 2020

**2017**

2017202464 **Flow Forward Medical, Inc.** The nature of the amendment is as shown in the statements filed 18 May 2020 and 4 Jun 2020

2017206687 **Monaselidze, J.; Nemsadze, G.; Gorgoshidze, M.** The nature of the amendment is: Amend the name of the inventor to read Monaselidze, Jamlet

2017226126 **Nippon Steel Corporation** The nature of the amendment is as shown in the statement filed 22 May 2020

2017323584 **Novartis AG** The nature of the amendment is as shown in the statement filed 09 Jun 2020

**2018**

2018201925 **SEMMA THERAPEUTICS, INC.** The nature of the amendment is as shown in the statement filed 05 Jun 2020

2018217949 **Golden Lady Company S.p.A.** The nature of the amendment is as shown in the statement filed 11 Jun 2020

2018218958 **LG Electronics Inc.** The nature of the amendment is as shown in the statements filed 28 May 2020 and 11 June 2020

2018220020 **Afyx Therapeutics A/S** The nature of the amendment is as shown in the statement filed 10 Jun 2020

**Amendments**

- 2018241113 **Lummus Corporation** The nature of the amendment is: Amend the name of the inventor to read Cory, Mark D. and Thomas, Joe W.
- 2018260809 **Global Blood Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 04 Jun 2020
- 2018269398 **MSA Technology, LLC** The nature of the amendment is: Amend the name of the inventor to read Zanella Sr., Mark Flori; Swanson, Meghan E. and Santoro, Jr., Daniel D.
- 2018269399 **MSA Technology, LLC** The nature of the amendment is: Amend the name of the inventor to read Zanella Sr., Mark Flori; Brown, Michael Alvin; Swanson, Meghan E.; Santoro, Jr., Daniel D.; Audia, Jeff and Sherry, Ryan Alan
- 2018270685 **LegoChem Biosciences, Inc.** The nature of the amendment is as shown in the statement filed 01 Jun 2020
- 2018302022 **Roizman, K.** The nature of the amendment is: Amend the name of the inventor to read Requard III, John Jacob; Roizman, Keith and De Cogan, Felicity Jane
- 2018403404 **Changsha Hooz Bioscience And Technology Co., Ltd** The nature of the amendment is as shown in the statement filed 19 Aug 2020
- 2018411936 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Hot water supply apparatus
- 2018424102 **Shandong Jiaotong University; Shandong University** The nature of the amendment is: Application is to proceed under the number 2018102180
- 2018426054 **Shandong Jiaotong University; Shandong University** The nature of the amendment is: Application is to proceed under the number 2018102179
- 2019**
- 2019200855 **Stepan Company** The nature of the amendment is as shown in the statement filed 05 Jun 2020
- 2019209584 **Titcomb Brothers Manufacturing, Inc.** The nature of the amendment is as shown in the statement filed 18 Aug 2020
- 2019211910 **Fujimoto Co., Ltd** The nature of the amendment is as shown in the statement filed 17 Aug 2020
- 2019213554 **CMR Surgical Limited** The nature of the amendment is as shown in the statement filed 19 Aug 2020
- 2019217566 **Woodwelding AG** The nature of the amendment is as shown in the statement filed 17 Aug 2020
- 2019218477 **Matisa Materiel Industriel S.A.** The nature of the amendment is: Amend the invention title to read Method for commanding a set of one or more intervention tools mounted on a railway intervention vehicle
- 2019222659 **Purdue Research Foundation; Nanovis, Inc.** The nature of the amendment is as shown in the statement filed 20 Aug 2020
- 2019224876 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read A Microorganism Producing Mycospor-

**Amendments**

- ine-Like Amino Acid And A Method For Producing A Mycosporine-Like Amino Acid Using The Same
- 2019228885 **Sunsho Pharmaceutical Co., Ltd.; DSP Gokyo Food & Chemical Co., Ltd.** The nature of the amendment is: Amend the invention title to read FILM COMPOSITION AND CAPSULE USING THE FILM COMPOSITION
- 2019239568 **Board of Regents, The University of Texas System** The nature of the amendment is: Amend the name of the inventor to read CURRAN, Michael A.; JAISWAL, Ashvin R.; ZHA, Dongxing; TONIATTI, Carlo; PRINZ, Bianka; BOLAND, Nadthakarn and KRAULAND, Eric
- 2019248674 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DELAY REDUCTION METHOD AND APPARATUS AND COMPUTER READABLE STORAGE MEDIUM
- 2019251171 **Li, M.; Hou, X.** The nature of the amendment is as shown in the statement(s) filed 13 Aug 2020 and 04 Sep 2020
- 2019253788 **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.** The nature of the amendment is as shown in the statement filed 26 May 2020
- 2019285797 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Control system for work vehicle, method, and work vehicle
- 2020**
- 2020101177 **Chinese Research Academy of Environmental Sciences** The nature of the amendment is as shown in the statements filed 28 Jul 2020 and 17 Aug 2020
- 2020903116 **RICHARD CRAIG & ASSOCIATES PTY LTD** The nature of the amendment is: Amend the invention title to read This is an educational and developmental soft toy - named Zhingee - for babies and small children

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2002**

- 2002324825 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**
- 2002324826 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**
- 2002324827 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2003**

- 2003263023 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**
- 2003263025 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**
- 2003268322 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**Amendments****2004**

2004211920 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2005**

2005250500 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2005322131 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2007**

2007297484 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2007336784 Continental Conveyor & Equipment Company The name of the patentee has been altered to **Joy Global Conveyors Inc.**

**2008**

2008223363 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2008329833 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2009**

2009260822 Pro Thera Biologics, LLC The name of the patentee has been altered to **ProThera Biologics, Inc.**

**2010**

2010286628 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2010298768 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2010338349 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2012**

2012200749 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2012308611 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2013**

2013207729 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2013240127 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2013240137 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**Amendments**

2013306080 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2013315102 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

2013359393 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2014**

2014248479 GE Healthcare Bio-Sciences Corp. The name of the patentee has been altered to **Global Life Sciences Solutions USA LLC**

**2015**

2015305276 Isothrive LLC The name of the applicant has been altered to **ISOThrive Inc.**

2015307296 Singapore University of Technology and Design The name of the applicant has been altered to **Singapore University of Technology and Design; National Skin Centre (Singapore) Pte Ltd**

2015314239 Klinikum rechts der Isar der Technischen Universitat Munchen The name of the applicant has been altered to **Klinikum rechts der Isar der Technischen Universitaet Meunchen**

**2016**

2016324895 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016352909 Avalon Battery (Canada) Corporation The name of the applicant has been altered to **Invinity Energy Systems (Canada) Corporation**

2016357283 Avalon Battery (Canada) Corporation The name of the applicant has been altered to **Invinity Energy Systems (Canada) Corporation**

**2017**

2017222539 HealthSpanDx The name of the applicant has been altered to **Sapere Bio, Inc.**

**2018**

2018216032 Orionis Biosciences NV ; VIB Vzw; Universiteit Gent The name of the applicant has been altered to **Orionis Biosciences BV; VIB Vzw; Universiteit Gent**

2018220982 Koya, Inc. The name of the applicant has been altered to **Koya Medical, Inc.**

**2019**

2019219969 Mitsubishi Chemical Corporation The name of the applicant has been altered to **Mitsubishi Chemical Infracore Co., Ltd.**

2019231692 Americorp Investments LLC The name of the applicant has been altered to **AMERICORP INVESTMENTS LLC**

2019232760 The Feinstein Institute for Medical Research The name of the applicant has been altered to **The Feinstein Institutes for Medical Research**

**Amendments**

2019903322 Elevare Energy IP Pty Ltd The name of the applicant has been altered to **Elexsys IP Pty Ltd**

2019903323 Elevare Energy IP Pty Ltd The name of the applicant has been altered to **Elexsys IP Pty Ltd**

2019903329 Elevare Energy IP Pty Ltd The name of the applicant has been altered to **Elexsys IP Pty Ltd**

**2020**

2020223733 Novartis AG The name of the applicant has been altered to **Intellia Therapeutics, Inc.; Novartis AG**

2020903071 Galil, Nadir The name of the applicant has been altered to **Galil, N.**

2020903093 Commonwealth Scientific and Industrial Research Organisation The name of the applicant has been altered to **Australian National University; Commonwealth Scientific and Industrial Research Organisation**

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

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(71) Absolute Module Oy  
 (11) AU-A-2020226987  
 (21) 2020226987 (22) 31.08.2020  
 (54) Modular furniture arrangement  
 (51) Int. Cl.  
**A47B 47/00** ( 2006.01 )  
**A47B 83/00** ( 2006.01 )  
**A47B 97/00** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015308309  
 (72) Morimoto, Teppei  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Academia Sinica  
 (11) AU-A-2020227040  
 (21) 2020227040 (22) 02.09.2020  
 (54) Human iNKT cell activation using glycolipids  
 (51) Int. Cl.  
**C07H 15/18** ( 2006.01 )  
**A61K 39/39** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015315294  
 (72) YU, Alice L.; LIN, Kun-Hsien; WU, Tai-Na; WONG, Chi-Huey  
 (74) Spruson & Ferguson

---

(71) Advanced Fleet Signs Pty Ltd  
 (11) AU-A-2020207784  
 (21) 2020207784 (22) 10.06.2020  
 (54) Sign module  
 (51) Int. Cl.  
**G09F 7/02** ( 2006.01 )  
**G09F 13/06** ( 2006.01 )  
**G09F 13/10** ( 2006.01 )  
 (31) 2019902037 (32) 12.06.19 (33) AU  
 (43) 17.09.2020  
 (72) KHOURY, Edward Joseph  
 (74) Armour IP Pty Ltd

---

(71) Akston Biosciences Corporation  
 (11) AU-A-2020227002  
 (21) 2020227002 (22) 31.08.2020  
 (54) INSULIN-FC FUSIONS AND METHODS OF USE  
 (51) Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/28** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )  
**C07K 14/62** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2017371217  
 (72) Lancaster, Thomas M.; Zion, Todd C.; Sathiyaseelan, Thillainayagam; Thillainayagam, Sylaja  
 (74) James & Wells Intellectual Property

---

(71) Alcoa USA Corp  
 (11) AU-A-2020223759  
 (21) 2020223759 (22) 28.08.2020  
 (54) Fertilizer Compositions And Methods Of Making And Using The Same  
 (51) Int. Cl.  
**A62D 3/30** ( 2007.01 )  
**C05C 1/02** ( 2006.01 )  
**C05G 3/00** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019200534  
 (72) WEAVER, Mark L.; CRUM, Kyle A.; NICHOLS, Judodine; IWIG, David F.; ORKIS, Steven C.; CARKIN, Gerald E.; GEN-CAGA, Orhan Deniz; SUNDAY, Stephen P.; HARRISON, Ian Ross; SMITH, John R.; PARKS, Shannon L.; GERSHENZON, Mikhail  
 (74) WRAYS PTY LTD

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(71) Allegiance Corporation  
 (11) AU-A-2020227010  
 (21) 2020227010 (22) 31.08.2020  
 (54) Water-based hydrogel blend coating and method of application to elastomeric articles  
 (51) Int. Cl.  
**A61L 31/04** ( 2006.01 )  
**A61B 42/10** ( 2016.01 )  
**A61L 31/14** ( 2006.01 )  
**C09D 7/47** ( 2018.01 )  
 (43) 17.09.2020  
 (62) 2016341849  
 (72) WOO, Choon Kong; CHONG, Chuang Sim; DANGSEYYUN, Nujalee; WANNA-WONG, Panor  
 (74) Griffith Hack

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Allen, M. see Endace Technology Limited  
 (21) 2020227035

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(71) Alynlam Pharmaceuticals, Inc.  
 (11) AU-A-2020226990  
 (21) 2020226990 (22) 31.08.2020  
 (54) Conserved HBV and HCV sequences useful for gene silencing  
 (51) Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
 (43) 17.09.2020  
 (62) 2018200873  
 (72) MINTZ, Liat; SATISHCHANDRAN, Chandrasekhar; PACHUK, Catherine J.; ZURAWSKI, Vincent J.  
 (74) Allens Patent & Trade Mark Attorneys

---

(71) Alsentis, LLC  
 (11) AU-A-2020223778  
 (21) 2020223778 (22) 28.08.2020

(54) Apparatus and method for determining a stimulus including a touch input and a stylus input  
 (51) Int. Cl.  
**G06F 3/044** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018217209  
 (72) Caldwell, David W.; Schaefer, William D.; Bos, Robert G.; Kurek, Stefan G.  
 (74) Davies Collison Cave Pty Ltd

---

(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2020223767  
 (21) 2020223767 (22) 28.08.2020  
 (54) CARD DISCARDING DEVICE FOR TABLETOP GAME  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018203514  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019203024  
 (21) 2019203024 (22) 30.04.2019  
 (54) COMPOSITE METERS FOR ELECTRONIC GAMING MACHINES  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )  
 (31) 16/290,639 (32) 01.03.19 (33) US  
 (43) 17.09.2020  
 (72) RIZOS, Thomas; MEYER, Donovan David  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020201468  
 (21) 2020201468 (22) 28.02.2020  
 (54) DIGITAL LOBBY AND MULTI-GAME METAMORPHICS  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/290,838 (32) 01.03.19 (33) US  
 (43) 17.09.2020  
 (72) LA GUARDIA, Chad; CHING, Erick  
 (74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020201472  
 (21) 2020201472 (22) 28.02.2020  
 (54) INDIVIDUAL METAMORPHIC LINKED JACKPOTS  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/290,833 (32) 01.03.19 (33) US

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(43) 17.09.2020  
 (72) LA GUARDIA, Chad; SHAPIRO, Lane; CHING, Erick; SANBORN, Hanna; AVAKIAN, Arlen; NELSON, Brittany  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020201478  
 (21) 2020201478 (22) 28.02.2020  
 (54) CONTROLLING AN ELECTRONIC GAMING MACHINE TO PROVIDE A BONUS FEATURE OPPORTUNITY  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/290,836 (32) 01.03.19 (33) US  
 (43) 17.09.2020  
 (72) SHAPIRO, Lane; CHING, Erick; LA GUARDIA, Chad; SANBORN, Hanna; AVAKIAN, Arlen; NELSON, Brittany  
 (74) Griffith Hack

(71) Attenti Electronic Monitoring Ltd.  
 (11) AU-A-2020223651  
 (21) 2020223651 (22) 26.02.2020  
 (54) Protected security strap  
 (51) Int. Cl.  
**G08B 25/10** ( 2006.01 )  
**A44C 5/00** ( 2006.01 )  
 (31) 62/810,512 (32) 26.02.19 (33) US  
 (43) 17.09.2020  
 (72) FRIEDMAN, Ofer  
 (74) CreateIP

(71) August, D.  
 (11) AU-A-2020201469  
 (21) 2020201469 (22) 28.02.2020  
 (54) An apparatus and method for the assessment of skin injuries  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (31) 2019900648 (32) 28.02.19 (33) AU  
 (43) 17.09.2020  
 (72) August, Deanne L.  
 (74) Matthew Sulman & Associates

(71) Austworld Commodities Pty Ltd  
 (11) AU-A-2019201421  
 (21) 2019201421 (22) 28.02.2019  
 (54) IMPROVED FERRULE BEND  
 (51) Int. Cl.  
**F16L 37/00** ( 2006.01 )  
 (43) 17.09.2020  
 (72) Raso, Alexander; Davis, Mark  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Axon Neuroscience SE  
 (11) AU-A-2020227007  
 (21) 2020227007 (22) 31.08.2020  
 (54) Humanized tau antibodies in Alzheimer's disease  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )

(43) 17.09.2020  
 (62) 2015348012  
 (72) Novak, Michael; Kontsekova, Eva; Kovacech, Branislav; Skrabana, Rostislav  
 (74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-A-2020227005  
 (21) 2020227005 (22) 31.08.2020  
 (54) Methods and kits for the diagnosis of influenza  
 (51) Int. Cl.  
**C12Q 1/00** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2014248225  
 (72) Campbell, Robert; Dolan, Kevin G.; Fal-lows, Eric; Hoke, Randal A.; Jacobson, Ross; Pitner, Bruce J.; Vonk, Glenn; Kache, Rajashaker; Gulati, Upma; Himel, Herman; Evans-Storms, Rosemary B.  
 (74) FB Rice Pty Ltd

(71) Berkeley Lights, Inc.  
 (11) AU-A-2020223730  
 (21) 2020223730 (22) 27.08.2020  
 (54) Micro-fluidic devices for assaying biological activity  
 (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**C12M 1/24** ( 2006.01 )  
**G01N 35/08** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2014340098  
 (72) Chapman, Kevin T.; Malleo, Daniele; Nevill, J. Tanner; Short, Steven W.; White, Mark P.; Loureiro, M. Jimena  
 (74) FB Rice Pty Ltd

(71) Biomet 3i, LLC  
 (11) AU-A-2020201437  
 (21) 2020201437 (22) 27.02.2020  
 (54) PACKAGING FOR DENTAL IMPLANT COMPONENTS  
 (51) Int. Cl.  
**B65D 81/05** ( 2006.01 )  
**A61C 19/02** ( 2006.01 )  
 (31) 62/812,206 (32) 28.02.19 (33) US  
 (43) 17.09.2020  
 (72) Chelminski, Alexander; Rogers, Dan P.; Schlueter, Elizabeth A.; Montero, Miguel  
 (74) Phillips Ormonde Fitzpatrick

(71) Biskup, S.  
 (11) AU-A-2020201364  
 (21) 2020201364 (22) 25.02.2020  
 (54) A waste-less cut-less composed wooden panel for a wooden timber buildings construction  
 (51) Int. Cl.  
**E04C 2/14** ( 2006.01 )  
**F16B 25/00** ( 2006.01 )  
 (31) PV 2019-124 (32) 28.02.19 (33) CZ  
 (43) 17.09.2020  
 (72) Biskup, Stanislav  
 (74) Michael Buck IP

(71) BM Group Holding S.p.A.  
 (11) AU-A-2020201383  
 (21) 2020201383 (22) 26.02.2020  
 (54) APPARATUS FOR TRANSPORTING AGGREGATES OR SIMILAR  
 (51) Int. Cl.  
**B65G 43/02** ( 2006.01 )  
**A62C 3/00** ( 2006.01 )  
 (31) 10201900003025 (32) 01.03.19 (33) IT  
 (43) 17.09.2020  
 (72) Bottini, Mirko; Tonini, Andrea; Corradi, Michael  
 (74) Phillips Ormonde Fitzpatrick

(71) Board of Regents of The University of Texas System  
 (11) AU-A-2020227056  
 (21) 2020227056 (22) 02.09.2020  
 (54) SURGICAL APPARATUS  
 (51) Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 34/37** ( 2016.01 )  
 (43) 17.09.2020  
 (62) 2017214552  
 (72) KIM, Daniel H.; SHIN, Dong Suk; JANG, Taeho; PARK, Yongman  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Board of Regents of The University of Texas System  
 (11) AU-A-2020227057  
 (21) 2020227057 (22) 02.09.2020  
 (54) SURGICAL APPARATUS  
 (51) Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 34/37** ( 2016.01 )  
 (43) 17.09.2020  
 (62) 2017214552  
 (72) KIM, Daniel H.; SHIN, Dong Suk; JANG, Taeho; PARK, Yongman  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Boehringer Ingelheim Vetmedica GmbH  
 (11) AU-A-2020227033  
 (21) 2020227033 (22) 02.09.2020  
 (54) Connecting and container system  
 (51) Int. Cl.  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2016279560  
 (72) RAHMEL, Marcus Rainer; ENDERT, Guido; RUF, Jonas; WERGEN, Horst  
 (74) Spruson & Ferguson

(71) Borgmeister & Soehne Ltd.  
 (11) AU-A-2020223745  
 (21) 2020223745 (22) 27.08.2020  
 (54) Adhesive tape dispenser and an adhesive tape roll  
 (51) Int. Cl.  
**B65H 35/07** ( 2006.01 )  
**B65H 35/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 17.09.2020  
 (62) 2015202813  
 (72) Clayson, Gerard; Brusius, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) Brien Holden Vision Institute Limited  
 (11) AU-A-2020227053  
 (21) 2020227053 (22) 02.09.2020  
 (54) Ophthalmic optical lens for vision correction having one or more areas of more positive power  
 (51) Int. Cl.  
**G02C 7/06** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018203001  
 (72) Holden, Brien Anthony; Sankaridurg, Padmaja Rajagopal; Ehrmann, Klaus; Conrad, Fabian; Ho, Arthur  
 (74) Shelston IP Pty Ltd.

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2020201422  
 (21) 2020201422 (22) 27.02.2020  
 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid  
 (51) Int. Cl.  
**B01F 3/04** ( 2006.01 )  
**B01F 15/06** ( 2006.01 )  
 (31) 2019-035814 (32) 28.02.19 (33) JP  
 (43) 17.09.2020  
 (72) ISHINAGA, Hiroyuki; KUBOTA, Masahiko; YAMADA, Akitoshi; IMANAKA, Yoshiyuki; YANAI, Yumi; ARIMIZU, Hiroshi; OZAKI, Teruo  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2020201423  
 (21) 2020201423 (22) 27.02.2020  
 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid  
 (51) Int. Cl.  
**B01F 3/04** ( 2006.01 )  
**B01F 5/06** ( 2006.01 )  
 (31) 2019-035906 (32) 28.02.19 (33) JP  
 (43) 17.09.2020  
 (72) KUBOTA, Masahiko; YAMADA, Akitoshi; IMANAKA, Yoshiyuki; YANAI, Yumi; ARIMIZU, Hiroshi; ISHINAGA, Hiroyuki; OZAKI, Teruo  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2020201427  
 (21) 2020201427 (22) 27.02.2020  
 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid  
 (51) Int. Cl.  
**B01F 3/04** ( 2006.01 )  
 (31) 2019-035776 (32) 28.02.19 (33) JP  
 2020-019019 06.02.20 JP  
 (43) 17.09.2020  
 (72) KUBOTA, Masahiko; YAMADA, Akitoshi; IMANAKA, Yoshiyuki; YANAI,

Yumi; ARIMIZU, Hiroshi; ISHINAGA, Hiroyuki; OZAKI, Teruo  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2020201430  
 (21) 2020201430 (22) 27.02.2020  
 (54) Ultrafine bubble generating apparatus  
 (51) Int. Cl.  
**B01F 5/04** ( 2006.01 )  
 (31) 2019-035937 (32) 28.02.19 (33) MP  
 (43) 17.09.2020  
 (72) IMANAKA, Yoshiyuki; KUBOTA, Masahiko; YAMADA, Akitoshi; YANAI, Yumi; ARIMIZU, Hiroshi; ISHINAGA, Hiroyuki; OZAKI, Teruo  
 (74) Spruson & Ferguson

Children's Medical Center Corporation see Novartis AG  
 (21) 2020227017

Chow, R. see Liebert, A.  
 (21) 2020223757

Coddington, A. see Endace Technology Limited  
 (21) 2020227035

(71) Covidien LP  
 (11) AU-A-2020201349  
 (21) 2020201349 (22) 25.02.2020  
 (54) Devices and methods for assembling adapter assemblies  
 (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**A61B 17/11** ( 2006.01 )  
 (31) 62/812,554 (32) 01.03.19 (33) US  
 16/788,383 12.02.20 US  
 (43) 17.09.2020  
 (72) WILLIAMS, Justin; CABRERA, Ramiro; EISINGER, Joseph; SGROI, Anthony; VALENTINE, David  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2020223772  
 (21) 2020223772 (22) 28.08.2020  
 (54) Measuring health of a connector member of a robotic surgical system  
 (51) Int. Cl.  
**A61B 34/30** ( 2016.01 )  
 (43) 17.09.2020  
 (62) 2016229897  
 (72) Kapadia, Jaimeen; Rockrohr, Brian  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2020227038  
 (21) 2020227038 (22) 02.09.2020  
 (54) Repositioning method of input device for robotic surgical system  
 (51) Int. Cl.  
**A61B 34/30** ( 2016.01 )

(43) 17.09.2020  
 (62) 2020201796  
 (72) PEINE, William  
 (74) Spruson & Ferguson

(71) Curis, Inc.  
 (11) AU-A-2020227036  
 (21) 2020227036 (22) 02.09.2020  
 (54) COMBINATION THERAPY WITH A PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY  
 (51) Int. Cl.  
**A61K 31/166** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2017355385  
 (72) Fattaey, Ali; Rhyasen, Garrett W.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) DAELIM INDUSTRIAL CO., LTD.  
 (11) AU-A-2019257480  
 (21) 2019257480 (22) 31.10.2019  
 (54) LUBRICANT COMPOSITION FOR GEAR OIL  
 (51) Int. Cl.  
**C10M 169/06** ( 2006.01 )  
**C10M 107/04** ( 2006.01 )  
**C10M 137/12** ( 2006.01 )  
 (31) 10-2019-0023683 (32) 28.02.19 (33) KR  
 (43) 17.09.2020  
 (72) LEE, Hyeung Jin; NA, Kyong Ju  
 (74) LAMINAR IP PTY LTD

(71) Dakota Supplies Inc.  
 (11) AU-A-2020223726  
 (21) 2020223726 (22) 27.08.2020  
 (54) CLEANING CARTRIDGE AND HANDLING UNIT FOR CLEANING SYSTEM  
 (51) Int. Cl.  
**A47L 13/42** ( 2006.01 )  
**A47L 13/10** ( 2006.01 )  
**A47L 13/16** ( 2006.01 )  
**B08B 13/00** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015367167  
 (72) Payne, Vaughan; Humphries, Deborah  
 (74) Madderns Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation d/b/a Massachusetts General Hospital  
 (11) AU-A-2020223762  
 (21) 2020223762 (22) 28.08.2020  
 (54) Methods and compositions for reducing immunosuppression by tumor cells  
 (51) Int. Cl.  
**A61K 35/14** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 15/113** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2014278323  
 (72) WUCHERPFENNIG, Kai W.; DRANOFF, Glenn; ZHOU, Penghui; SHAFFER, Don-



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ald; HACOHEM, Nir; CANTOR, Harvey I.;  
ALVAREZ ARIAS, Diana  
**(74)** Spruson & Ferguson

**Dana-Farber Cancer Institute, Inc. see Novartis AG**  
**(21)** 2020227017

**(71)** Deere & Company  
**(11)** AU-A-2020223739  
**(21)** 2020223739 **(22)** 27.08.2020  
**(54)** Product distribution device with section control monitoring

**(51)** Int. Cl.  
**A01C 7/16** ( 2006.01 )  
**G01C 3/00** ( 2006.01 )  
**G01C 7/00** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2016203017  
**(72)** Arnold, Matthew David; Frasier, Michael E.; Graham, William Douglas  
**(74)** Davies Collison Cave Pty Ltd

**Dezawa, M. see University of Toyama**  
**(21)** 2020226991

**(71)** Dolby Laboratories Licensing Corporation  
**(11)** AU-A-2020226984  
**(21)** 2020226984 **(22)** 31.08.2020  
**(54)** System and method for adaptive audio signal generation, coding and rendering

**(51)** Int. Cl.  
**H04S 7/00** ( 2006.01 )  
**H04S 3/00** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2019204012  
**(72)** Robinson, Charles Q.; Tsingos, Nicolas R.; Chabanne, Christophe  
**(74)** Allen Chan

**Donnelly, S. see Endace Technology Limited**  
**(21)** 2020227035

**Earl, D. see Endace Technology Limited**  
**(21)** 2020227035

**(71)** Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S.

**(11)** AU-A-2020227035  
**(21)** 2020227035 **(22)** 02.09.2020  
**(54)** INTELLIGENT LOAD BALANCING AND HIGH SPEED INTELLIGENT NETWORK RECORDERS

**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2016257995  
**(72)** Coddington, Anthony; Wilson, Stuart; Donnelly, Stephen; Earl, David; Allen, Maxwell  
**(74)** AJ PARK

**(71)** Equashield Medical Ltd.  
**(11)** AU-A-2020226997  
**(21)** 2020226997 **(22)** 31.08.2020  
**(54)** Improved components of a fluid transfer apparatus

**(51)** Int. Cl.  
**A61M 5/31** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2016276548  
**(72)** Kriheli, Marino  
**(74)** FB Rice Pty Ltd

**(71)** Equashield Medical Ltd.  
**(11)** AU-A-2020227000  
**(21)** 2020227000 **(22)** 31.08.2020  
**(54)** Improved components of a fluid transfer apparatus

**(51)** Int. Cl.  
**A61M 5/31** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2016276548  
**(72)** Kriheli, Marino  
**(74)** FB Rice Pty Ltd

**(71)** Filtercorp International Limited  
**(11)** AU-A-2020223735  
**(21)** 2020223735 **(22)** 27.08.2020  
**(54)** IMPROVEMENTS IN OR FOR FILTRATION SYSTEMS

**(51)** Int. Cl.  
**B01D 46/04** ( 2006.01 )  
**B01D 29/11** ( 2006.01 )  
**F24F 13/28** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2018206743  
**(72)** MCPHEAT, Kevin Harold  
**(74)** AJ PARK

**(71)** GABRIEL, K.  
**(11)** AU-A-2020226992  
**(21)** 2020226992 **(22)** 31.08.2020  
**(54)** METHOD AND SYSTEM FOR REMOVING RADIOACTIVE NUCLIDES FROM WATER

**(51)** Int. Cl.  
**G21F 9/06** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
**G21F 9/12** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2014395394  
**(72)** GABRIEL, KAY GUNTHER; KASCHEK, MARTIN; SHOAR, BEHNAZ; POTH, HEIKO  
**(74)** Patent Attorney Services

**(71)** Geary, S.  
**(11)** AU-A-2020200987  
**(21)** 2020200987 **(22)** 12.02.2020  
**(54)** An alarm system for a container

**(51)** Int. Cl.  
**B65D 55/02** ( 2006.01 )  
**B25H 3/02** ( 2006.01 )  
**E05G 1/10** ( 2006.01 )  
**G08B 3/10** ( 2006.01 )  
**G08B 13/08** ( 2006.01 )

**(31)** 2019900638 **(32)** 28.02.19 **(33)** AU  
**(43)** 17.09.2020  
**(72)** Geary, Stephen  
**(74)** Patentec Patent Attorneys

**Generon (Shanghai) Corporation, Ltd. see Memorial Sloan-Kettering Cancer Center**  
**(21)** 2020227014

**(71)** Gen-Probe Incorporated  
**(11)** AU-A-2020223758  
**(21)** 2020223758 **(22)** 28.08.2020  
**(54)** Red blood cell lysis solution

**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**G01N 33/483** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2015336079  
**(72)** CHELLISERRY, Jijumon; GAO, Kui; LINNEN, Jeffrey M.  
**(74)** FB Rice Pty Ltd

**(71)** Google LLC  
**(11)** AU-A-2020220126  
**(21)** 2020220126 **(22)** 19.08.2020  
**(54)** SUPERPIXEL METHODS FOR CONVOLUTIONAL NEURAL NETWORKS

**(51)** Int. Cl.  
**G06N 3/02** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2017295714  
**(72)** Young, Reginald Clifford; Ross, Jonathan  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Graeme, D.  
**(11)** AU-A-2020201534  
**(21)** 2020201534 **(22)** 02.03.2020  
**(54)** Lifting Device

**(51)** Int. Cl.  
**E04H 17/26** ( 2006.01 )  
**E02D 9/02** ( 2006.01 )  
**E04H 12/34** ( 2006.01 )

**(31)** 2019900670 **(32)** 01.03.19 **(33)** AU  
**(43)** 17.09.2020  
**(72)** Davis, Graeme  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2020223711  
**(21)** 2020223711 **(22)** 27.08.2020  
**(54)** Well system with degradable plug

**(51)** Int. Cl.  
**E21B 33/12** ( 2006.01 )  
**E21B 34/06** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2019202953  
**(72)** FRIPP, Michael Linley; GANO, John Charles; LOPEZ, Jean Marc  
**(74)** Spruson & Ferguson

**(71)** Heat Trap Solar Pty Ltd  
**(11)** AU-A-2020200752  
**(21)** 2020200752 **(22)** 31.01.2020

Applications Open to Public Inspection - Name Index cont'd

(54) A Fluid Conditioning System and A Fluid Treatment System incorporating same  
 (51) Int. Cl.  
*G05D 23/13* ( 2006.01 )  
*C02F 9/10* ( 2006.01 )  
*E03B 7/07* ( 2006.01 )  
 (31) 2019900299 (32) 31.01.19 (33) AU  
 (43) 17.09.2020  
 (72) Challenor, Ashley  
 (74) WRAYS PTY LTD

Ineson, M. see Ineson, L.  
 (21) 2020200993

(71) Ineson, L.; Ineson, M.  
 (11) AU-A-2020200993  
 (21) 2020200993 (22) 12.02.2020  
 (54) A BRACKET SUPPORT ARRANGEMENT FOR A STEP, A STEP ASSEMBLY WITHIN A RETAINING WALL AND A METHOD OF CONSTRUCTION THEREOF  
 (51) Int. Cl.  
*E04F 11/022* ( 2006.01 )  
*E02D 29/02* ( 2006.01 )  
 (31) 2019900646 (32) 28.02.19 (33) AU  
 (43) 17.09.2020  
 (72) Ineson, Michael; Jones, Daryl  
 (74) Collison & Co

(71) Infectious Disease Research Institute  
 (11) AU-A-2020227042  
 (21) 2020227042 (22) 02.09.2020  
 (54) Single vial vaccine formulations  
 (51) Int. Cl.  
*A61K 39/085* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2014373928  
 (72) Fox, Christopher B.; Vedvick, Thomas S.; Barnes, Lucien V.; Kramer, Ryan M.; Reed, Steven G.  
 (74) FB Rice Pty Ltd

(71) In Queue Innovations, LLC  
 (11) AU-A-2020227045  
 (21) 2020227045 (22) 02.09.2020  
 (54) Single level fusion systems and methods of assembly and use  
 (51) Int. Cl.  
*A61B 17/70* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015317308  
 (72) Fessler, Richard G.; Fessler, Richard David; Nycz, Jeffrey; Serbousek, Jill A.; Boger, John W.; Serbousek, John C.  
 (74) In-Legal Limited

(71) Intellia Therapeutics, Inc.; Novartis AG  
 (11) AU-A-2020223733  
 (21) 2020223733 (22) 27.08.2020  
 (54) Compositions and methods for the treatment of hemoglobinopathies  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )

(43) 17.09.2020  
 (62) 2016381313  
 (72) BOITANO, Anthony Edward; COOKE, Michael; KLICKSTEIN, Lloyd B.; LES-CARBEAU, Reynald; MICKANIN, Craig Stephen; MULUMBA, Kabungo; POLICE, Seshidar Reddy; SNEAD, Jennifer; STEVENSON, Susan C.; STEWART, Morag; YANG, Yi  
 (74) Davies Collision Cave Pty Ltd

(71) IPH International Pty Ltd  
 (11) AU-A-2020201036  
 (21) 2020201036 (22) 13.02.2020  
 (54) Self drilling screw  
 (51) Int. Cl.  
*F16B 25/10* ( 2006.01 )  
*F16B 25/00* ( 2006.01 )  
*F16B 35/04* ( 2006.01 )  
 (31) 2019900653 (32) 28.02.19 (33) AU  
 (43) 17.09.2020  
 (72) Rameshkumara, Ramachandran  
 (74) Spruson & Ferguson

(71) J.C. Bamford Excavators Limited  
 (11) AU-A-2020201471  
 (21) 2020201471 (22) 28.02.2020  
 (54) A WORKING MACHINE AND A CONTROLLER  
 (51) Int. Cl.  
*B66F 9/20* ( 2006.01 )  
*B60P 1/50* ( 2006.01 )  
*B66F 17/00* ( 2006.01 )  
 (31) 1902826.5 (32) 01.03.19 (33) GB  
 1902827.3 01.03.19 GB  
 1903399.2 12.03.19 GB  
 1904474.2 29.03.19 GB  
 (43) 17.09.2020  
 (72) Rushton, Tom; Brooks, Richard  
 (74) Madderns Pty Ltd

(71) J.C. Bamford Excavators Ltd  
 (11) AU-A-2020201475  
 (21) 2020201475 (22) 28.02.2020  
 (54) WORKING MACHINE  
 (51) Int. Cl.  
*B60P 1/50* ( 2006.01 )  
*B60K 1/04* ( 2019.01 )  
*B60L 50/50* ( 2019.01 )  
*B60L 53/80* ( 2019.01 )  
*B60L 58/10* ( 2019.01 )  
*B60P 1/48* ( 2006.01 )  
 (31) 1902827.3 (32) 01.03.19 (33) GB  
 (43) 17.09.2020  
 (72) Rushton, Tom; Brooks, Richard  
 (74) Madderns Pty Ltd

(71) J.C. Bamford Excavators Ltd  
 (11) AU-A-2020201477  
 (21) 2020201477 (22) 28.02.2020  
 (54) WORKING MACHINE  
 (51) Int. Cl.  
*B60L 58/10* ( 2019.01 )  
*B60P 1/50* ( 2006.01 )  
*B66F 9/24* ( 2006.01 )  
 (31) 1902826.5 (32) 01.03.19 (33) GB

(43) 17.09.2020  
 (72) Rushton, Tom; Brooks, Richard  
 (74) Madderns Pty Ltd

(71) Joy Global Surface Mining Inc  
 (11) AU-A-2020223775  
 (21) 2020223775 (22) 28.08.2020  
 (54) Dipper door and dipper door trip assembly  
 (51) Int. Cl.  
*E02F 3/40* ( 2006.01 )  
*B66C 23/00* ( 2006.01 )  
*E02F 3/28* ( 2006.01 )  
*E02F 3/30* ( 2006.01 )  
*E02F 3/36* ( 2006.01 )  
*E02F 9/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018256641  
 (72) GROSS, Matthew L.; COLWELL, Joseph J.; NICOSON, Richard  
 (74) Griffith Hack

(71) KABUSHIKI KAISHA TOSHIBA  
 (11) AU-A-2020223781  
 (21) 2020223781 (22) 28.08.2020  
 (54) Dynamic Image Decoding Device  
 (51) Int. Cl.  
*H04N 19/50* ( 2014.01 )  
 (43) 17.09.2020  
 (62) 2019202533  
 (72) ASAKA, Saori; CHUJOH, Takeshi; TANIZAWA, Akiyuki; YASUDA, Goki; WADA, Naofumi; WATANABE, Takashi  
 (74) Griffith Hack

(71) KABUSHIKI KAISHA TOSHIBA  
 (11) AU-A-2020223783  
 (21) 2020223783 (22) 28.08.2020  
 (54) Dynamic Image Decoding Device  
 (51) Int. Cl.  
*H04N 19/50* ( 2014.01 )  
 (43) 17.09.2020  
 (62) 2019202533  
 (72) ASAKA, Saori; CHUJOH, Takeshi; TANIZAWA, Akiyuki; YASUDA, Goki; WADA, Naofumi; WATANABE, Takashi  
 (74) Griffith Hack

(71) Lawrence Livermore National Security, LLC  
 (11) AU-A-2020226981  
 (21) 2020226981 (22) 31.08.2020  
 (54) Assessment of tissue or lesion depth using temporally resolved light scattering spectroscopy  
 (51) Int. Cl.  
*A61B 5/02* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019226243  
 (72) DEMOS, Stavros G.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Legrand Australia Pty Ltd  
 (11) AU-A-2019264620  
 (21) 2019264620 (22) 14.11.2019  
 (54) ILLUMINATED SIGN  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**G09F 13/18** ( 2006.01 )  
**G09F 13/12** ( 2006.01 )  
**(31)** 2019900658 **(32)** 28.02.19 **(33)** AU  
**(43)** 17.09.2020  
**(72)** SWORDS, Graeme  
**(74)** Griffith Hack

**(71)** Liebert, A.; Chow, R.; Varigos, E.  
**(11)** AU-A-2020223757  
**(21)** 2020223757 **(22)** 28.08.2020  
**(54)** Prevention and Screening Method  
**(51)** Int. Cl.  
**A61N 5/067** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2015345984  
**(72)** Liebert, Ann; Chow, Roberta; Varigos, Euahna  
**(74)** Griffith Hack

**Life Science Institute, Inc. see University of Toyama**  
**(21)** 2020226991

**(71)** Lopez, T.  
**(11)** AU-A-2019201460  
**(21)** 2019201460 **(22)** 03.03.2019  
**(54)** Guided Adjustable Microphone Stand  
**(51)** Int. Cl.  
**F16M 11/04** ( 2006.01 )  
**F16M 11/16** ( 2006.01 )  
**H04R 1/02** ( 2006.01 )  
**(43)** 17.09.2020  
**(72)** Lopez, Thomas Victor  
**(74)** Thomas Victor Lopez

**(71)** Loyalty Based Innovations, LLC  
**(11)** AU-A-2020223771  
**(21)** 2020223771 **(22)** 28.08.2020  
**(54)** Apparatus and method for treating multiple tumors in patients with metastatic disease by electric fields  
**(51)** Int. Cl.  
**A61N 2/02** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2015294465  
**(72)** Travers, Peter F.; Watkins, Ken; Vandermeij, Timothy  
**(74)** Spruson & Ferguson

**(71)** Manitou Italia S.r.l.  
**(11)** AU-A-2020201400  
**(21)** 2020201400 **(22)** 26.02.2020  
**(54)** Telehandler with improved cab  
**(51)** Int. Cl.  
**B62D 33/06** ( 2006.01 )  
**B66F 9/00** ( 2006.01 )  
**(31)** 102019000002935 **(32)** 28.02.19 **(33)** IT  
**(43)** 17.09.2020  
**(72)** IOTTI, Marco  
**(74)** Spruson & Ferguson

**(71)** MBL Limited  
**(11)** AU-A-2020226988  
**(21)** 2020226988 **(22)** 31.08.2020

**(54)** Robotic manipulation methods and systems for executing a domain-specific application in an instrumented environment with electronic minimanipulation libraries  
**(51)** Int. Cl.  
**A47J 27/62** ( 2006.01 )  
**B25J 9/16** ( 2006.01 )  
**G05B 19/42** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2015311234  
**(72)** Oleynik, Mark  
**(74)** Adams Pluck

**(71)** MedicalTree Patent Ltd  
**(11)** AU-A-2020223742  
**(21)** 2020223742 **(22)** 27.08.2020  
**(54)** Implantable Lubrication Device and Method of Treating a Human or Mammal Patient by Means of the Device  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2018260921  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** MedImmune Limited  
**(11)** AU-A-2020223728  
**(21)** 2020223728 **(22)** 27.08.2020  
**(54)** ANTI-B7-H1 ANTIBODIES FOR TREATING TUMORS  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2014320343  
**(72)** Narwal, Rajesh; Fairman, David; Robbins, Paul; Liang, Meina; Schneider, Amy; Chavez, Carlos; Herl, Carina; Pak, Min; Lu, Hong; Rebelatto, Marlon; Steele, Keith; Boutrin, Anmarie; Shi, Li; Hong, Shengyan; Higgs, Brandon; Roskos, Lorin  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Medlab Clinical U.S., Inc.  
**(11)** AU-A-2020227029  
**(21)** 2020227029 **(22)** 02.09.2020  
**(54)** Transmucosal and transdermal delivery systems  
**(51)** Int. Cl.  
**A61L 15/48** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 9/66** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2016226280  
**(72)** Hall, Sean Michael; Vitetta, Luis; Zhou, Yusi; Rutolo Jr., David A.; Coulson, Samantha Maree  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd.  
**(11)** AU-A-2020227014  
**(21)** 2020227014 **(22)** 01.09.2020

**(54)** METHODS OF USE FOR IL-22 IN THE TREATMENT OF GASTROINTESTINAL GRAFT VS. HOST DISEASE  
**(51)** Int. Cl.  
**C07K 1/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )

**(43)** 17.09.2020  
**(62)** 2014346554  
**(72)** Van Den Brink, Marcel; Hanash, Alan; Lindemans, Caroline; Tang, Tom  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Myriad Genetics, Inc.  
**(11)** AU-A-2020223754  
**(21)** 2020223754 **(22)** 28.08.2020  
**(54)** METHODS AND MATERIALS FOR ASSESSING LOSS OF HETEROZYGOSITY  
**(51)** Int. Cl.  
**C12Q 1/04** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2018211277  
**(72)** Abkevich, Victor; Gutin, Alexander; Timms, Kirsten; Lanchbury, Jerry  
**(74)** Arcadia Intellectual Property

**(71)** Nacuity Pharmaceuticals, Inc.  
**(11)** AU-A-2020227015  
**(21)** 2020227015 **(22)** 01.09.2020  
**(54)** METHODS OF MAKING DEUTERIUM-ENRICHED N-ACETYLCYSTEINE AMIDE (D-NACA) AND (2R,2R')-3,3'-DISULFANEDIYL BIS(2-ACETAMIDOPROPANAMIDE) (DINACA) AND USING D-NACA AND DINACA TO TREAT DISEASES INVOLVING OXIDATIVE STRESS  
**(51)** Int. Cl.  
**C07C 233/76** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
**C08K 5/20** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2018365900  
**(72)** Wall, G., Michael  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** NAM, Y.W.  
**(11)** AU-A-2020223755  
**(21)** 2020223755 **(22)** 28.08.2020  
**(54)** FLYING OBJECT  
**(51)** Int. Cl.  
**B64C 27/20** ( 2006.01 )  
**B64C 11/00** ( 2006.01 )  
**B64C 27/04** ( 2006.01 )  
**B64C 27/12** ( 2006.01 )  
**B64C 27/59** ( 2006.01 )  
**B64D 27/24** ( 2006.01 )  
**(43)** 17.09.2020  
**(62)** 2016348095  
**(72)** NAM, Yang Woo  
**(74)** Maxwells Patent & Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) NanoEMI sp. z o.o.  
 (11) AU-A-2020201098  
 (21) 2020201098 (22) 14.02.2020  
 (54) COMPOSITE MATERIAL FOR SHIELDING ELECTROMAGNETIC RADIATION, RAW MATERIAL FOR ADDITIVE MANUFACTURING METHODS AND A PRODUCT COMPRISING THE COMPOSITE MATERIAL AS WELL AS A METHOD OF MANUFACTURING THE PRODUCT  
 (51) Int. Cl.  
*H05K 9/00* ( 2006.01 )  
 (31) 19461516.7 (32) 28.02.19 (33) EP  
 (43) 17.09.2020  
 (72) ZDROJEK, Mariusz; JUDEK, Jaroslaw; JAKUBCZAK, Krzysztof; DUZYNSKA, Anna; ZERANSKA-CHUDEK, Klaudia; WROBLEWSKA, Anna; LAPINSKA, Anna  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Neonc Technologies Inc.  
 (11) AU-A-2020223769  
 (21) 2020223769 (22) 28.08.2020  
 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING PERILLYL ALCOHOL DERIVATIVES  
 (51) Int. Cl.  
*A01N 43/38* ( 2006.01 )  
*A61K 31/40* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2016219257  
 (72) Chen, Thomas; Levin, Daniel; Pupalli, Satish  
 (74) Phillips Ormonde Fitzpatrick

(71) Nocira, LLC  
 (11) AU-A-2020226989  
 (21) 2020226989 (22) 31.08.2020  
 (54) External ear canal pressure regulation system  
 (51) Int. Cl.  
*A61M 13/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018203016  
 (72) George, David; Buckler, George; Sullivan, David Brice  
 (74) FPA Patent Attorneys Pty Ltd

(71) Nokia Solutions and Networks Oy  
 (11) AU-A-2020223764  
 (21) 2020223764 (22) 28.08.2020  
 (54) Methods, apparatuses, and computer program products for providing dynamic uplink-downlink reconfiguration information to user equipments  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (43) 17.09.2020  
 (62) 2018214038  
 (72) LUNTTILA, Timo Erkki; TIROLA, Esa Tapani; HOOLI, Kari Juhani  
 (74) Spruson & Ferguson

Novartis AG see *Intellia Therapeutics, Inc.*  
 (21) 2020223733

(71) Novartis AG; Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.  
 (11) AU-A-2020227017  
 (21) 2020227017 (22) 01.09.2020  
 (54) Antibody molecules to TIM-3 and uses thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015210750  
 (72) Sabatos-Peyton, Catherine Anne; Brannetti, Barbara; Harris, Alan S.; Huber, Thomas; Pietzonka, Thomas; Mataraza, Jennifer Marie; Blattler, Walter A.; Hicklin, Daniel J.; Vasquez, Maximiliano; Dekruff, Rosemarie H.; Umetsu, Dale T.; Freeman, Gordon James; Hu, Tiancen; Taraszka, John A.; Xu, Fangmin  
 (74) Davies Collison Cave Pty Ltd

(71) NOVOLUTO GmbH  
 (11) AU-A-2020227039  
 (21) 2020227039 (22) 02.09.2020  
 (54) Stimulation device  
 (51) Int. Cl.  
*A61H 19/00* ( 2006.01 )  
*A61H 9/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2020204227  
 (72) LENKE, Michael  
 (74) Spruson & Ferguson

(71) Nutramax Laboratories, Inc.  
 (11) AU-A-2020223773  
 (21) 2020223773 (22) 28.08.2020  
 (54) Compositions comprising a sulforaphane or a sulforaphane precursor and milk thistle extract or powder  
 (51) Int. Cl.  
*A61K 31/095* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018204283  
 (72) Cornblatt, Brian; Cornblatt, Grace; Bzhelyansky, Anton; Henderson, Robert W.  
 (74) Davies Collison Cave Pty Ltd

(71) Omnicell, Inc.  
 (11) AU-A-2020226996  
 (21) 2020226996 (22) 31.08.2020  
 (54) Unit dose dispensing systems and methods  
 (51) Int. Cl.  
*A47F 1/04* ( 2006.01 )  
*A61J 1/03* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2016222993  
 (72) WILSON, Edith; MORENO, Gerardo; TREJO, Guillermo; MEHTA, Vikram; BERKEN, Lloyd  
 (74) FB Rice Pty Ltd

(71) Pioneer International Pty Ltd  
 (11) AU-A-2020220103

(21) 2020220103 (22) 19.08.2020  
 (54) An Arrangement and Method for Retrofitting an Air Conditioning System  
 (51) Int. Cl.  
*F24F 11/32* ( 2018.01 )  
*F24F 11/36* ( 2018.01 )  
 (43) 17.09.2020  
 (62) 2018278921  
 (72) GRIMA, DAVID  
 (74) Griffith Hack

(71) Plano Molding Company  
 (11) AU-A-2020201385  
 (21) 2020201385 (22) 26.02.2020  
 (54) UTILITY BAG WITH WORKSTATION  
 (51) Int. Cl.  
*A01K 97/06* ( 2006.01 )  
*A01K 97/04* ( 2006.01 )  
*B65D 88/00* ( 2006.01 )  
 (31) 62/811,897 (32) 28.02.19 (33) US  
 (43) 17.09.2020  
 (72) McCUNE, Clark; BENKERS, Josephine  
 (74) RnB IP Pty Ltd

(71) Poseida Therapeutics, Inc.  
 (11) AU-A-2020227020  
 (21) 2020227020 (22) 01.09.2020  
 (54) Modified stem cell memory T cells, methods of making and methods of using same  
 (51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
*A61K 35/17* ( 2015.01 )  
 (43) 17.09.2020  
 (62) 2017337147  
 (72) OSTERTAG, Eric; SHEDLOCK, Devon  
 (74) Spruson & Ferguson

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE; Regents of the University of Michigan  
 (11) AU-A-2020227055  
 (21) 2020227055 (22) 02.09.2020  
 (54) Scaffolds for Cell Transplantation  
 (51) Int. Cl.  
*A61L 27/22* ( 2006.01 )  
*A61L 27/36* ( 2006.01 )  
*A61L 27/38* ( 2006.01 )  
*A61L 27/54* ( 2006.01 )  
*A61L 27/56* ( 2006.01 )  
*A61L 27/58* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018201930  
 (72) MOONEY, David J.; ALI, Omar, Abdel-Rahman; SILVA, Eduardo Alexandre Barros e.; KONG, Hyun Joon; HILL, Elliott Earl; BOONTHEEKUL, Tanyarut  
 (74) Griffith Hack

(71) Prilenia Neurotherapeutics Ltd  
 (11) AU-A-2020223736  
 (21) 2020223736 (22) 27.08.2020  
 (54) USE OF PRIDOPIDINE FOR TREATING A SUBJECT WITH EARLY STAGE HUNTINGTON DISEASE  
 (51) Int. Cl.  
*C07D 211/42* ( 2006.01 )  
*A61K 31/451* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 17.09.2020  
 (62) 2017315783  
 (72) Papapetropoulos, Spyridon; Savola, Juha-Matti; Eyal, Eli; Borowsky, Beth; Grachev, Igor D.  
 (74) Griffith Hack

(71) Purdue Pharma  
 (11) AU-A-2020227021  
 (21) 2020227021 (22) 01.09.2020  
 (54) Methods and compositions particularly for treatment of attention deficit disorder  
 (51) Int. Cl.  
*C07D 211/34* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 9/56* ( 2006.01 )  
*A61K 31/4458* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015337779  
 (72) Vargas Rincon, Ricardo Alberto; Reiz, Joseph Leonard  
 (74) Allens Patent & Trade Mark Attorneys

(71) Purdue Pharma  
 (11) AU-A-2020227022  
 (21) 2020227022 (22) 01.09.2020  
 (54) Methods and compositions particularly for treatment of attention deficit disorder  
 (51) Int. Cl.  
*C07D 211/34* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 9/56* ( 2006.01 )  
*A61K 31/4458* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015337779  
 (72) Vargas Rincon, Ricardo Alberto; Reiz, Joseph Leonard  
 (74) Allens Patent & Trade Mark Attorneys

(71) Qualcomm Incorporated  
 (11) AU-A-2020227019  
 (21) 2020227019 (22) 01.09.2020  
 (54) RACH DESIGN FOR BEAMFORMED COMMUNICATIONS  
 (51) Int. Cl.  
*H04W 74/08* ( 2009.01 )  
*H04B 7/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2017277570  
 (72) Akkarakaran, Sony John; Luo, Tao; Islam, Muhammad Nazmul; Sadiq, Bilal  
 (74) Madderns Pty Ltd

(71) RACCORDERIE METALLICHE S.P.A.  
 (11) AU-A-2020227050  
 (21) 2020227050 (22) 02.09.2020  
 (54) Universal indissoluble pipe connection system and joint comprised in said system  
 (51) Int. Cl.  
*F16L 13/14* ( 2006.01 )  
*B21D 39/04* ( 2006.01 )  
*B25B 27/10* ( 2006.01 )

(43) 17.09.2020  
 (62) 2017329093  
 (72) POZZETTI, Silvio; NOSE, Stefano  
 (74) Griffith Hack

(71) Rakman International Pty Ltd  
 (11) AU-A-2020226994  
 (21) 2020226994 (22) 31.08.2020  
 (54) A FIRESTOPPING DEVICE AND ASSOCIATED METHOD  
 (51) Int. Cl.  
*A62C 3/16* ( 2006.01 )  
*A62C 2/06* ( 2006.01 )  
*E04B 1/94* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018204687  
 (72) Rakic, John  
 (74) Adams Pluck

(71) RAYGEN RESOURCES PTY LTD  
 (11) AU-A-2020227052  
 (21) 2020227052 (22) 02.09.2020  
 (54) Conversion of Solar Energy  
 (51) Int. Cl.  
*F24S 50/00* ( 2018.01 )  
*F24S 30/00* ( 2018.01 )  
*F24S 90/00* ( 2018.01 )  
*G02B 5/08* ( 2006.01 )  
*H01L 31/042* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019203010  
 (72) LASICH, JOHN BEAVIS  
 (74) Griffith Hack

Regents of the University of Michigan see  
 PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
 (21) 2020227055

(71) Salk Institute for Biological Studies  
 (11) AU-A-2020223761  
 (21) 2020223761 (22) 28.08.2020  
 (54) Media compositions for neuronal cell culture  
 (51) Int. Cl.  
*C12N 5/079* ( 2010.01 )  
*C12N 5/0793* ( 2010.01 )  
*C12N 5/0797* ( 2010.01 )  
 (43) 17.09.2020  
 (62) 2014253855  
 (72) GAGE, Fred H.; BARDY, Cedric  
 (74) Spruson & Ferguson

(71) Secure International Holdings Pte. Ltd  
 (11) AU-A-2020223780  
 (21) 2020223780 (22) 28.08.2020  
 (54) Utility Meter  
 (51) Int. Cl.  
*G01R 11/00* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2016203316  
 (72) JHALORA, Surendra; PRAKASH, Ved  
 (74) Griffith Hack

(71) Stemgenics, Inc.  
 (11) AU-A-2020223737  
 (21) 2020223737 (22) 27.08.2020  
 (54) FUNCTIONALIZED NANOPARTICLES FOR INTRACELLULAR DELIVERY OF BIOLOGICALLY ACTIVE MOLECULES  
 (51) Int. Cl.  
*G01N 33/53* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018203848  
 (72) Aprikyan, Andranik Andrew; Dill, Kilian  
 (74) Phillips Ormonde Fitzpatrick

(71) Stesik, P.  
 (11) AU-A-2019201458  
 (21) 2019201458 (22) 01.03.2019  
 (54) FOOD HOLDER  
 (51) Int. Cl.  
*A47G 21/00* ( 2006.01 )  
 (43) 17.09.2020  
 (72) Stesik, Patryk  
 (74) Patryk Stesik

(71) StraxCorp Pty. Ltd  
 (11) AU-A-2020223750  
 (21) 2020223750 (22) 28.08.2020  
 (54) Method and System for Image Annotation  
 (51) Int. Cl.  
*G06T 7/11* ( 2017.01 )  
*G06N 20/00* ( 2019.01 )  
 (43) 17.09.2020  
 (62) 2019204365  
 (72) Peng, Yu  
 (74) BOSH IP Pty Ltd

(71) Sumitomo Dainippon Pharma Oncology, Inc.  
 (11) AU-A-2020223731  
 (21) 2020223731 (22) 27.08.2020  
 (54) JAK2 and ALK2 inhibitors and methods for their use  
 (51) Int. Cl.  
*C07D 239/48* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018256624  
 (72) Mollard, Alexis; Warner, Steven L.; Flynn, Gary A.; Vankayalapati, Hariprasad; Bearss, David J.  
 (74) Davies Collison Cave Pty Ltd

(71) Taylor, S.  
 (11) AU-A-2020201580  
 (21) 2020201580 (22) 03.03.2020  
 (54) Snowboard boot and binding  
 (51) Int. Cl.  
*A63C 10/04* ( 2012.01 )  
*A63C 10/10* ( 2012.01 )  
 (31) 2019900685 (32) 03.03.19 (33) AU  
 (43) 17.09.2020  
 (72) Taylor, Shane  
 (74) Shane Taylor

Applications Open to Public Inspection - Name Index cont'd

(71) Tendyne Holdings, Inc.  
 (11) AU-A-2020227034  
 (21) 2020227034 (22) 02.09.2020  
 (54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 2/82** ( 2006.01 )  
**A61L 27/14** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61M 39/22** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019246822  
 (72) Schankereli, Kemal; Lozonschi, Lucian; Lutter, Georg; Vidlund, Robert  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Ames Companies, Inc.  
 (11) AU-A-2020227054  
 (21) 2020227054 (22) 02.09.2020  
 (54) Leaf rake  
 (51) Int. Cl.  
**A01D 7/06** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019200067  
 (72) Stein, Robert James; Abbott, Aaron Daniel; Fegley, Jeffrey Joseph; Blaszczyk, Gregory J.  
 (74) Davies Collison Cave Pty Ltd

The General Hospital Corporation d/b/a Massachusetts General Hospital see Dana-Farber Cancer Institute, Inc.  
 (21) 2020223762

(71) The Nielsen Company (US), LLC  
 (11) AU-A-2020226993  
 (21) 2020226993 (22) 31.08.2020  
 (54) Methods and apparatus to identify media  
 (51) Int. Cl.  
**H04N 7/173** ( 2006.01 )  
**G06K 9/36** ( 2006.01 )  
**H04H 60/33** ( 2008.01 )  
 (43) 17.09.2020  
 (62) 2018282417  
 (72) MCMILLAN, Gavin  
 (74) Spruson & Ferguson

(71) The Regents of the University of California  
 (11) AU-A-2020227049  
 (21) 2020227049 (22) 02.09.2020  
 (54) FAST DIAGNOSIS AND PERSONALIZED TREATMENTS FOR ACNE  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2019219817  
 (72) LI, Huiying; TOMIDA, Shuta; MODLIN, Robert L.; MILLER, Jeffery F.; FITZ-GIBBON, Sorel T.  
 (74) Pearce IP Pty Ltd

(71) The trustee for A.J. Blackman Unit Trust  
 (11) AU-A-2019201285  
 (21) 2019201285 (22) 25.02.2019  
 (54) Knocking block design to engage the side of laminate flooring and to allow it to be tapped or knocked with a plastic or rubber mallet / hammer, transmitting the force to the edge of the laminate flooring. This then moves said flooring into its final position completing the installation of that section. There are two versions one with a 5mm step and one with a 2.5mm step depending on the edge design of the flooring. This design is unique as it has a 3deg tilt on the engagement face that facilitates the engagement of the flooring into the block, preventing it from rising and slipping out.  
 (51) Int. Cl.  
**E04F 21/22** ( 2006.01 )  
 (43) 17.09.2020  
 (72) Blackman, Anthony John  
 (74) The trustee for A.J. Blackman Unit Trust

(71) The University of Chicago  
 (11) AU-A-2020223768  
 (21) 2020223768 (22) 28.08.2020  
 (54) Treatments for migraine and related disorders  
 (51) Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018271278  
 (72) Kraig, Richard; Pusic, Aya; Kraig, Marcia; Mitchell, Heidi; Grinberg, Yelena  
 (74) Davies Collison Cave Pty Ltd

(71) Think Surgical, Inc. {  
 (11) AU-A-2020226980  
 (21) 2020226980 (22) 31.08.2020  
 (54) Multi-planar variable geometry zigzag cut articulating drilling system  
 (51) Int. Cl.  
**A61B 17/16** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2015320736  
 (72) Shalayev, Stan; Zuhars, Joel; Kantrowitz, Allen B.; Mun, In K.; Fuller, Dan; Grover, Simon  
 (74) Davies Collison Cave Pty Ltd

(71) Trustees of Tufts College  
 (11) AU-A-2020217419  
 (21) 2020217419 (22) 13.08.2020  
 (54) COMPOSITIONS AND METHODS FOR STABILIZATION OF ACTIVE AGENTS  
 (51) Int. Cl.  
**A61K 47/42** ( 2006.01 )  
**A61J 1/00** ( 2006.01 )  
**A61K 35/76** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )

(43) 17.09.2020  
 (62) 2018226377  
 (72) Kaplan, David L.; Omenetto, Fiorenzo  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) United Laboratories International, LLC  
 (11) AU-A-2019203105  
 (21) 2019203105 (22) 02.05.2019  
 (54) Solvent System for Cleaning Fixed Bed Reactor Catalyst in Situ  
 (51) Int. Cl.  
**B01J 38/62** ( 2006.01 )  
 (31) 16/290,679 (32) 01.03.19 (33) US  
 (43) 17.09.2020  
 (72) Matza, Stephen D.; Rice, Elisa  
 (74) Michael Buck IP

(71) University of Toyama; Life Science Institute, Inc.; Dezawa, M.  
 (11) AU-A-2020226991  
 (21) 2020226991 (22) 31.08.2020  
 (54) Mobilization of pluripotent stem cells for ischemic cerebral infarction  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2017207154  
 (72) DEZAWA, Mari; KURODA, Satoshi  
 (74) Spruson & Ferguson

(71) UPL Limited  
 (11) AU-A-2020227013  
 (21) 2020227013 (22) 01.09.2020  
 (54) A method for controlling rust  
 (51) Int. Cl.  
**A01N 37/44** ( 2006.01 )  
**A01N 37/34** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
 (43) 17.09.2020  
 (62) 2018236834  
 (72) Oliveira, Gilson Aparecido Hermenegildo de; Shroff, Jaidev Rajnikant; Shroff, Vikram Rajnikant  
 (74) Shelston IP Pty Ltd.

Varigos, E. see Liebert, A.  
 (21) 2020223757

(71) VASICEK, H.R.  
 (11) AU-A-2020201497  
 (21) 2020201497 (22) 28.02.2020  
 (54) Charm Bracelet Connector  
 (51) Int. Cl.  
**A44C 13/00** ( 2006.01 )  
**A44C 5/00** ( 2006.01 )  
**A44C 25/00** ( 2006.01 )  
 (31) 2019900642 (32) 28.02.19 (33) AU  
 (43) 17.09.2020  
 (72) VASICEK, Hannah Rosley; VASICEK, Rachel Rose  
 (74) Fraser Old & Sohn

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

(71) VFAS INTERNATIONAL HOLDINGS  
PTY LTD

(11) AU-A-2020227001

(21) 2020227001 (22) 31.08.2020

(54) Castless Stance Corrected Prosthetic &  
Method of Forming Same

(51) Int. Cl.

**A43B 7/28** ( 2006.01 )

**A61F 5/14** ( 2006.01 )

**B29C 51/28** ( 2006.01 )

(43) 17.09.2020

(62) 2014324096

(72) SMITH, Neil Robert

(74) Fraser Old & Sohn

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(71) View, Inc.

(11) AU-A-2020226999

(21) 2020226999 (22) 31.08.2020

(54) Monitoring sites containing switchable op-  
tical devices and controllers

(51) Int. Cl.

**G06Q 50/10** ( 2012.01 )

(43) 17.09.2020

(62) 2015227056

(72) SHRIVASTAVA, Dhairya; BROWN,  
Stephen C.; MANI, Vijay

(74) Spruson & Ferguson

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(71) Wang, J.

(11) AU-A-2020201506

(21) 2020201506 (22) 28.02.2020

(54) A kind of composite hose

(51) Int. Cl.

**F16L 33/22** ( 2006.01 )

(31) 201910148160.3 (32) 28.02.19 (33) CN

(43) 17.09.2020

(72) Wang, Jiaqi

(74) Remarkable IP

---

(71) Washington University

(11) AU-A-2020223765

(21) 2020223765 (22) 28.08.2020

(54) ANTIBODIES TO TAU

(51) Int. Cl.

**C07K 16/18** ( 2006.01 )

**G01N 33/53** ( 2006.01 )

(43) 17.09.2020

(62) 2018229564

(72) Holtzman, David; Jiang, Hong; Diamond,  
Marc; Kfoury, Najla; Holmes, Brandon

(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

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Wilson, S. see Endace Technology Limited

(21) 2020227035

Numerical Index

|                   |   |                   |  |
|-------------------|---|-------------------|--|
| <b>2019201285</b> | The trustee for A.J. Blackman Unit Trust  | <b>2020223775</b> | Joy Global Surface Mining Inc  |
| <b>2019201421</b> | Austworld Commodities Pty Ltd   | <b>2020223778</b> | Alsentis, LLC  |
| <b>2019201458</b> | Stesik, P.  | <b>2020223780</b> | Secure International Holdings Pte. Ltd   |
| <b>2019201460</b> | Lopez, T.   | <b>2020223781</b> | KABUSHIKI KAISHA TOSHIBA   |
| <b>2019203024</b> | Aristocrat Technologies Australia Pty Limited   | <b>2020223783</b> | KABUSHIKI KAISHA TOSHIBA   |
| <b>2019203105</b> | United Laboratories International, LLC  | <b>2020226980</b> | Think Surgical, Inc. {   |
| <b>2019257480</b> | DAELIM INDUSTRIAL CO., LTD.   | <b>2020226981</b> | Lawrence Livermore National Security, LLC  |
| <b>2019264620</b> | Legrand Australia Pty Ltd   | <b>2020226984</b> | Dolby Laboratories Licensing Corporation   |
| <b>2020200752</b> | Heat Trap Solar Pty Ltd   | <b>2020226987</b> | Absolute Module Oy   |
| <b>2020200987</b> | Geary, S.   | <b>2020226988</b> | MBL Limited  |
| <b>2020200993</b> | Ineson, L.; Ineson, M.  | <b>2020226989</b> | Nocira, LLC  |
| <b>2020201036</b> | IPH International Pty Ltd   | <b>2020226990</b> | Alnylam Pharmaceuticals, Inc.  |
| <b>2020201098</b> | NanoEMI sp. z o.o.  | <b>2020226991</b> | University of Toyama; Life Science Institute, Inc.; Dezawa, M.                           |
| <b>2020201349</b> | Covidien LP   | <b>2020226992</b> | GABRIEL, K.  |
| <b>2020201364</b> | Biskup, S.  | <b>2020226993</b> | The Nielsen Company (US), LLC  |
| <b>2020201383</b> | BM Group Holding S.p.A.   | <b>2020226994</b> | Rakman International Pty Ltd   |
| <b>2020201385</b> | Plano Molding Company   | <b>2020226996</b> | Omnicell, Inc.   |
| <b>2020201400</b> | Manitou Italia S.r.l.   | <b>2020226997</b> | Equashield Medical Ltd.  |
| <b>2020201422</b> | Canon Kabushiki Kaisha  | <b>2020226999</b> | View, Inc.   |
| <b>2020201423</b> | Canon Kabushiki Kaisha  | <b>2020227000</b> | Equashield Medical Ltd.  |
| <b>2020201427</b> | Canon Kabushiki Kaisha  | <b>2020227001</b> | VFAS INTERNATIONAL HOLDINGS PTY LTD  |
| <b>2020201430</b> | Canon Kabushiki Kaisha  | <b>2020227002</b> | Akston Biosciences Corporation   |
| <b>2020201437</b> | Biomat 3i, LLC  | <b>2020227005</b> | Becton, Dickinson and Company  |
| <b>2020201468</b> | Aristocrat Technologies Australia Pty Limited   | <b>2020227007</b> | Axon Neuroscience SE   |
| <b>2020201469</b> | August, D.  | <b>2020227010</b> | Allegiance Corporation   |
| <b>2020201471</b> | J.C. Bamford Excavators Limited   | <b>2020227013</b> | UPL Limited  |
| <b>2020201472</b> | Aristocrat Technologies Australia Pty Limited   | <b>2020227014</b> | Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd.             |
| <b>2020201475</b> | J.C. Bamford Excavators Ltd   | <b>2020227015</b> | Nacuity Pharmaceuticals, Inc.  |
| <b>2020201477</b> | J.C. Bamford Excavators Ltd   | <b>2020227017</b> | Novartis AG; Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.   |
| <b>2020201478</b> | Aristocrat Technologies Australia Pty Limited   | <b>2020227019</b> | Qualcomm Incorporated  |
| <b>2020201497</b> | VASICEK, H.R.   | <b>2020227020</b> | Poseida Therapeutics, Inc.   |
| <b>2020201506</b> | Wang, J.  | <b>2020227021</b> | Purdue Pharma  |
| <b>2020201534</b> | Graeme, D.  | <b>2020227022</b> | Purdue Pharma  |
| <b>2020201580</b> | Taylor, S.  | <b>2020227029</b> | Medlab Clinical U.S., Inc.   |
| <b>2020207784</b> | Advanced Fleet Signs Pty Ltd  | <b>2020227033</b> | Boehringer Ingelheim Vetmedica GmbH  |
| <b>2020217419</b> | Trustees of Tufts College   | <b>2020227034</b> | Tendyne Holdings, Inc.   |
| <b>2020220103</b> | Pioneer International Pty Ltd   | <b>2020227035</b> | Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S. |
| <b>2020220126</b> | Google LLC  | <b>2020227036</b> | Curis, Inc.  |
| <b>2020223651</b> | Attenti Electronic Monitoring Ltd.  | <b>2020227038</b> | Covidien LP  |
| <b>2020223711</b> | Halliburton Energy Services, Inc.   | <b>2020227039</b> | NOVOLUTO GmbH  |
| <b>2020223726</b> | Dakota Supplies Inc.  | <b>2020227040</b> | Academia Sinica  |
| <b>2020223728</b> | MedImmune Limited   | <b>2020227042</b> | Infectious Disease Research Institute  |
| <b>2020223730</b> | Berkeley Lights, Inc.   | <b>2020227045</b> | In Queue Innovations, LLC  |
| <b>2020223731</b> | Sumitomo Dainippon Pharma Oncology, Inc.  | <b>2020227049</b> | The Regents of the University of California  |
| <b>2020223733</b> | Intellia Therapeutics, Inc.; Novartis AG  | <b>2020227050</b> | RACCORDERIE METALLICHE S.P.A.  |
| <b>2020223735</b> | Filtercorp International Limited  | <b>2020227052</b> | RAYGEN RESOURCES PTY LTD   |
| <b>2020223736</b> | Prilenia Neurotherapeutics Ltd  | <b>2020227053</b> | Brien Holden Vision Institute Limited  |
| <b>2020223737</b> | Stemgenics, Inc.  | <b>2020227054</b> | The Ames Companies, Inc.   |
| <b>2020223739</b> | Deere & Company   | <b>2020227055</b> | PRESIDENT AND FELLOWS OF HARVARD COLLEGE; Regents of the University of Michigan          |
| <b>2020223742</b> | MedicalTree Patent Ltd  | <b>2020227056</b> | Board of Regents of The University of Texas System                                       |
| <b>2020223745</b> | Borgmeister & Soehne Ltd.   | <b>2020227057</b> | Board of Regents of The University of Texas System                                       |
| <b>2020223750</b> | StraxCorp Pty. Ltd  |                   |  |
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| <b>2020223757</b> | Liebert, A.; Chow, R.; Varigos, E.  |                   |  |
| <b>2020223758</b> | Gen-Probe Incorporated  |                   |  |
| <b>2020223759</b> | Alcoa USA Corp  |                   |  |
| <b>2020223761</b> | Salk Institute for Biological Studies   |                   |  |
| <b>2020223762</b> | Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation d/b/a Massachusetts General Hospital |                   |  |
| <b>2020223764</b> | Nokia Solutions and Networks Oy   |                   |  |
| <b>2020223765</b> | Washington University   |                   |  |
| <b>2020223767</b> | Angel Playing Cards Co., Ltd.   |                   |  |
| <b>2020223768</b> | The University of Chicago   |                   |  |
| <b>2020223769</b> | Neonc Technologies Inc.   |                   |  |
| <b>2020223771</b> | Loyalty Based Innovations, LLC  |                   |  |
| <b>2020223772</b> | Covidien LP   |                   |  |
| <b>2020223773</b> | Nutramax Laboratories, Inc.   |                   |  |



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| <p><b>A, S. see P, S.</b><br/> <b>(21)</b> 2020101733</p> <hr/> <p><b>A, R.S. see P, S.</b><br/> <b>(21)</b> 2020101733</p> <hr/> <p><b>(71)</b> A, S.; P, A.; R.M, G.; S, P.; Rajkumar, I.<br/> <b>(11)</b> AU-A-2020101790<br/> <b>(21)</b> 2020101790 <b>(22)</b> 13.08.2020<br/> <b>(54)</b> FRAMEWORK FOR ENSURING DATA SECURITY IN IOT SMART METERS AND GATEWAYS INTERACTION OF NEIGHBORHOOD AREA NETWORKS<br/> <b>(51)</b> Int. Cl.<br/> <b>G06Q 50/06</b> ( 2012.01 )<br/> <b>G16Y 10/35</b> ( 2020.01 )<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> A., Sivasangari; P., Ajitha; R.M, Gomathi; S., Poonguzhali; Rajkumar, Immanuel<br/> <b>(74)</b> Sivasangari A</p> <hr/> <p><b>Ahamad, D. see Rajeyyagari, S.</b><br/> <b>(21)</b> 2020101787</p> <hr/> <p><b>Ahmad, M. see Rajeyyagari, S.</b><br/> <b>(21)</b> 2020101787</p> <hr/> <p><b>Aljabr, A.A. see Dadheech, P.</b><br/> <b>(21)</b> 2020101719</p> <hr/> <p><b>Alotaibi, A.S. see Rajeyyagari, S.</b><br/> <b>(21)</b> 2020101787</p> <hr/> <p><b>Ampavathi, A. see B, R.S.R.</b><br/> <b>(21)</b> 2020101581</p> <hr/> <p><b>(71)</b> Anhui Science And Technology University<br/> <b>(11)</b> AU-A-2020101602<br/> <b>(21)</b> 2020101602 <b>(22)</b> 31.07.2020<br/> <b>(54)</b> A Method for Rapidly Preparing Stevia Leaf Protoplasts<br/> <b>(51)</b> Int. Cl.<br/> <b>A01H 4/00</b> ( 2006.01 )<br/> <b>C12N 5/02</b> ( 2006.01 )<br/> <b>C12N 5/04</b> ( 2006.01 )<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> Shu, Yingjie; Zhou, Yuli; Hu, Nengbing; He, Keqin; Cui, Guangrong<br/> <b>(74)</b> Alder IP Pty Ltd</p> | <p><b>(71)</b> Anhui University of Technology<br/> <b>(11)</b> AU-A-2020101497<br/> <b>(21)</b> 2020101497 <b>(22)</b> 25.07.2020<br/> <b>(54)</b> MOLYBDENUM-BASED ALLOY COATING AND SUBSTRATE HAVING THE ALLOY COATING<br/> <b>(51)</b> Int. Cl.<br/> <b>C22C 27/04</b> ( 2006.01 )<br/> <b>C22C 9/00</b> ( 2006.01 )<br/> <b>C22C 14/00</b> ( 2006.01 )<br/> <b>C22C 16/00</b> ( 2006.01 )<br/> <b>(31)</b> 201910701722. 2 <b>(32)</b> 31.07.19 <b>(33)</b> CN<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> HUANG, Zhenyi; MA, Yukang; HOU, Qingyu; TANG, Musheng; GUO, Aimin; WU, Houling; GUANG, Jianfeng; MA, Xiaoyu; WU, Jinquan<br/> <b>(74)</b> protectmyidea.com.au</p> <hr/> <p><b>Annapu Reddy, B.R. see Kollapudi, P.C.</b><br/> <b>(21)</b> 2020101738</p> <hr/> <p><b>(71)</b> Anqing Normal University<br/> <b>(11)</b> AU-A-2020101750<br/> <b>(21)</b> 2020101750 <b>(22)</b> 10.08.2020<br/> <b>(54)</b> METHOD FOR ESTABLISHING A FITTING MODEL FOR EXTRACTING A HEAVY METAL FROM SOIL WITH A LOW MOLECULAR WEIGHT ORGANIC ACID<br/> <b>(51)</b> Int. Cl.<br/> <b>B09C 1/08</b> ( 2006.01 )<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> Zhao, Kuan; Zhou, Baohua; Jin, Baoshi; Cao, Jingjing; Kou, Leyong; An, Lesheng; Wang, Qiang; Zhang, Xiaoqian; Chen, Qian; Zhang, Qun<br/> <b>(74)</b> Madderns Pty Ltd</p> <hr/> <p><b>(71)</b> Apex Leisure Pty Ltd<br/> <b>(11)</b> AU-A-2020101780<br/> <b>(21)</b> 2020101780 <b>(22)</b> 12.08.2020<br/> <b>(54)</b> Vehicle-mounted tent<br/> <b>(51)</b> Int. Cl.<br/> <b>E04H 15/06</b> ( 2006.01 )<br/> <b>E04H 15/48</b> ( 2006.01 )<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> Gouws, Johannes<br/> <b>(74)</b> Sandercock &amp; Cowie</p> <hr/> <p><b>(71)</b> Apple Inc.<br/> <b>(11)</b> AU-A-2020101715<br/> <b>(21)</b> 2020101715 <b>(22)</b> 07.08.2020<br/> <b>(54)</b> Avatar creation user interface<br/> <b>(51)</b> Int. Cl.<br/> <b>G06F 3/048</b> ( 2013.01 )<br/> <b>H04N 21/431</b> ( 2011.01 )</p> | <p><b>(45)</b> 17.09.2020<br/> <b>(62)</b> 2020100675<br/> <b>(72)</b> Van Os, Marcel; Rickwald, Jason; Dye, Alan C.; Guzman, Aurelio; Scapel, Nicolas V.; Wilson, Christopher I.; Behzadi, Arian; Romney, Chris; Yerkes, Giancarlo; Barlier, Guillaume Pierre André; Gardner, JD; Forssell, Lisa K.; Garcia III, Robert<br/> <b>(74)</b> FPA Patent Attorneys Pty Ltd</p> <hr/> <p><b>(71)</b> Australian Portable Toilets Pty Ltd<br/> <b>(11)</b> AU-A-2020101707<br/> <b>(21)</b> 2020101707 <b>(22)</b> 07.08.2020<br/> <b>(54)</b> Roof for portable bathroom<br/> <b>(51)</b> Int. Cl.<br/> <b>A47K 11/04</b> ( 2006.01 )<br/> <b>(31)</b> 2019902825 <b>(32)</b> 07.08.19 <b>(33)</b> AU<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> Weller, Daryn; Hogan, Nicholas<br/> <b>(74)</b> FAL PATENTS PTY LTD</p> <hr/> <p><b>(71)</b> B, R.S.R.; M, S.K.; Srinivas, K.; Rani, B.K.; M, V.R.; Patra, R.K.; D, A.R.; Ampavathi, A.; G, M.; Rage, K.<br/> <b>(11)</b> AU-A-2020101581<br/> <b>(21)</b> 2020101581 <b>(22)</b> 31.07.2020<br/> <b>(54)</b> LYMPH NODE METASTASES DETECTION FROM CT IMAGES USING DEEP LEARNING<br/> <b>(51)</b> Int. Cl.<br/> <b>A61B 6/03</b> ( 2006.01 )<br/> <b>A61B 5/00</b> ( 2006.01 )<br/> <b>G06N 3/02</b> ( 2006.01 )<br/> <b>G06T 7/10</b> ( 2017.01 )<br/> <b>(45)</b> 17.09.2020<br/> <b>(72)</b> B., Rama Subba Reddy; M., Sunil Kumar; Srinivas, Konda; Rani, Balmuri Kavitha; M., Varaprasad Rao; Patra, Raj Kumar; D., Anji Reddy; Ampavathi, Anusha; G., Madhukar; Rage, Kiranmai<br/> <b>(74)</b> Rama Subba Reddy B</p> <hr/> <p><b>Babu, G.V.S. see Midasal, V.</b><br/> <b>(21)</b> 2020101765</p> <hr/> <p><b>Babuprasad, S. see P, M.</b><br/> <b>(21)</b> 2020101729</p> <hr/> <p><b>Bairwa, A.K. see Midasal, V.</b><br/> <b>(21)</b> 2020101765</p> <hr/> <p><b>Bairwa, K.N. see Midasal, V.</b><br/> <b>(21)</b> 2020101765</p> <hr/> <p><b>Balusamy, B. see Sharma, M.</b></p> |
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(21) 2020101728

**Banerjee, I. see P, M.**

(21) 2020101729

**Bangar, P. see Midasal, V.**

(21) 2020101765

(71) Baotou Medical College of Inner Mongolia University of Science & Technology

(11) AU-A-2020101758

(21) 2020101758 (22) 11.08.2020

(54) Preparation Method and Application of Total Flavonoids of Choerospondias Axillaris Leaf

(51) Int. Cl.

**A61K 31/12** ( 2006.01 )

**A61K 31/352** ( 2006.01 )

**A61K 31/353** ( 2006.01 )

**A61P 9/06** ( 2006.01 )

**A61P 9/10** ( 2006.01 )

**A61P 25/20** ( 2006.01 )

**A61P 25/28** ( 2006.01 )

**A61P 35/00** ( 2006.01 )

(45) 17.09.2020

(72) Zhao, Dongdong

(74) Alder IP Pty Ltd

(71) Beihang University

(11) AU-A-2020101712

(21) 2020101712 (22) 07.08.2020

(54) A MEMS miniaturized solenoid transformer and its manufacturing method

(51) Int. Cl.

**H01F 27/28** ( 2006.01 )

(45) 17.09.2020

(72) Xu, Tiantong; Li, Haiwang; Tao, Zhi; Wu, Hanxiao; Sun, Jiamian; Xia, Jingchao; Huang, Yujia; Zhu, Kaiyun

(74) Alder IP Pty Ltd

(71) Beihang University

(11) AU-A-2020101768

(21) 2020101768 (22) 11.08.2020

(54) A MEMS miniaturized solenoid inductor and manufacturing method thereof

(51) Int. Cl.

**H01F 27/245** ( 2006.01 )

**H01F 17/00** ( 2006.01 )

(45) 17.09.2020

(72) Xu, Tiantong; Li, Haiwang; Tao, Zhi; Sun, Jiamian; Wu, Hanxiao; Huang, Yujia; Xia, Jingchao; Zhu, Kaiyun

(74) Alder IP Pty Ltd

(71) Beihang University

(11) AU-A-2020101769

(21) 2020101769 (22) 11.08.2020

(54) COMPRESSOR SYSTEM STABILITY ADAPTIVE CONTROL SYSTEM AND CONTROL METHOD

(51) Int. Cl.

**F04D 27/02** ( 2006.01 )

**F02C 9/00** ( 2006.01 )

**F04D 27/00** ( 2006.01 )

(31) 2020100040894 (32) 03.01.20 (33) CN

(45) 17.09.2020

(72) SUN, Dakun; DONG, Xu; SUN, Xiaofeng

(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Beijing Jiaotong University

(11) AU-A-2020101782

(21) 2020101782 (22) 12.08.2020

(54) Method and system for identifying and eliminating railway transport capacity bottleneck

(51) Int. Cl.

**G06Q 10/04** ( 2012.01 )

(31) 201910882261.3 (32) 18.09.19 (33) CN

(45) 17.09.2020

(72) CHEN, Junhua; ZHENG, Han; CHEN, Angyang; XU, Jingliu

(74) AJ PARK

(71) Beijing Normal University

(11) AU-A-2020101605

(21) 2020101605 (22) 31.07.2020

(54) A Fluid Seed Formula, Fluid Seed And Manufacturing Process Thereof Used For Vegetation Restoration of the Tidal Salt-Marsh In Coastal Wetland

(51) Int. Cl.

**C05G 5/27** ( 2020.01 )

**A01C 1/06** ( 2006.01 )

(45) 17.09.2020

(72) Cui, Baoshan; Ma, Xu; Sui, Haochen

(74) Alder IP Pty Ltd

(71) BFRE Pty Ltd as Trustee

(11) AU-A-2020101810

(21) 2020101810 (22) 13.08.2020

(54) INSULATED AND PREFINISHED WALL PANEL AND WALL CLADDING ASSEMBLY

(51) Int. Cl.

**E04C 2/296** ( 2006.01 )

**E04B 2/72** ( 2006.01 )

**E04C 2/38** ( 2006.01 )

(45) 17.09.2020

(62) 2015306073

(72) Gollledge, Malcolm Alexander; Gollledge, Lyndon James

(74) protectmyidea.com.au

**Bhavanam, S.N. see Midasal, V.**

(21) 2020101765

(71) Binzhou University

(11) AU-A-2020101802

(21) 2020101802 (22) 13.08.2020

(54) AIR-JET STEERING DRONE

(51) Int. Cl.

**B64C 27/82** ( 2006.01 )

**B64C 39/02** ( 2006.01 )

**B64D 27/20** ( 2006.01 )

(31) 201911170563.4 (32) 26.11.19 (33) CN

(45) 17.09.2020

(72) ZHANG, Xin

(74) Winston GREEN

**Chaitanya, D.V.S.R.K. see Midasal, V.**

(21) 2020101765

(71) Changsha University of Science & Technology

(11) AU-A-2020101785

(21) 2020101785 (22) 12.08.2020

(54) Apparatus and method for obtaining location of wireless charging receiving coil based on mesh shape

(51) Int. Cl.

**B60L 53/39** ( 2019.01 )

**B60L 53/12** ( 2019.01 )

**B60L 53/126** ( 2019.01 )

**H02J 50/10** ( 2016.01 )

(31) 201911346883.0 (32) 24.12.19 (33) CN

(45) 17.09.2020

(72) Gao, Kai; Xie, Jin; Hu, Bo; Lei, Yi; Ma, Deng; Wei, Ziqi; Huang, Shuo; Du, Ronghua

(74) Shelston IP Pty Ltd.

**Chaturvedi, R. see Dadheech, P.**

(21) 2020101719

**Chaudhary, S. see Sharma, M.**

(21) 2020101728

(71) China University of Geosciences, Beijing

(11) AU-A-2020101809

(21) 2020101809 (22) 13.08.2020

(54) A SIMULATION SYSTEM FOR DEPOSITIONAL SEQUENCE FORMATION AND EVOLUTION

(51) Int. Cl.

**G01V 1/28** ( 2006.01 )

(31) 202010515320.6 (32) 09.06.20 (33) CN

(45) 17.09.2020

(72) LIN, Changsong; LIU, Jingyan; LI, Hao; XU, Hongkun; ZHANG, Manli

(74) Michael Buck IP

(71) China University of Geosciences, Beijing

(11) AU-A-2020101642

(21) 2020101642 (22) 04.08.2020

(54) A Sediment Circulation and Flow Control System for Sedimentation Trough

(51) Int. Cl.

**B01D 37/04** ( 2006.01 )

**B01D 36/00** ( 2006.01 )

**C02F 1/00** ( 2006.01 )

(45) 17.09.2020

(72) ZHANG, Yuanfu; JIANG, Zaixing; JIAO, Chaowei; HU, Chenlin

(74) WRAYS PTY LTD

(71) Chinese Research Academy of Environmental Sciences

(11) AU-A-2020101702

(21) 2020101702 (22) 06.08.2020

(54) Water Quality Comprehensive Toxicity Monitoring Device

(51) Int. Cl.

**G01N 33/18** ( 2006.01 )

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

(45) 17.09.2020  
 (72) Wang, Liping; Ma, Xiangju; Xu, Huitao; Meng, Qingjia; Liu, Ruizhi; Li, Zicheng  
 (74) Alder IP Pty Ltd

(71) Chinese Research Academy of Environmental Sciences  
 (11) AU-A-2020101703  
 (21) 2020101703 (22) 06.08.2020  
 (54) Turbidity detection sampler for different water layers of lake water quality  
 (51) Int. Cl.  
*G01N 1/14* ( 2006.01 )  
*G01N 1/16* ( 2006.01 )  
*G01N 33/18* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Wang, Liping; Xu, Huitao; Ma, Xiangju; Liu, Ruizhi; Meng, Qingjia; Li, Zicheng  
 (74) Alder IP Pty Ltd

(71) Concrete Posts and Pickets Pty Ltd  
 (11) AU-A-2020101654  
 (21) 2020101654 (22) 04.08.2020  
 (54) A fence post  
 (51) Int. Cl.  
*E04H 17/20* ( 2006.01 )  
*E04H 17/04* ( 2006.01 )  
 (31) 2019903118 (32) 26.08.19 (33) AU  
 (45) 17.09.2020  
 (72) LAWSON, Andrew  
 (74) Spruson & Ferguson

(71) cupples, t.  
 (11) AU-A-2020101734  
 (21) 2020101734 (22) 09.08.2020  
 (54) Description The Rugby Tackle Bag Sleeve is essentially a cover placed over any rugby tackle bag. Using a Lycra-like stretch material, the sleeve fits snugly over the bag, with a strap connector located at the bottom edge of the sleeve, which can be used to further secure whilst in use. The sleeve has reinforced openings for unimpeded access to tackle bag handles. The sleeve is of a material that can be printed and the intention is for the sleeve to display the design selected by the customer.  
 (51) Int. Cl.  
*A63B 69/34* ( 2006.01 )  
 (45) 17.09.2020  
 (72) cupples, tobin lee  
 (74) tobin lee cupples

D, A.R. see B, R.S.R.  
 (21) 2020101581

(71) Dadheech, P.; Kshirsagar, P.R.; Devaru, S.D.B.; Patil, S.S.; Chaturvedi, R.; Kumar, L.; Mohan, A.; Ray, A.P.; Aljabr, A.A.; Kumar, K.; Tewari, R.; Islam, S.; Gulati, K.; Neeli, J.; H, G.  
 (11) AU-A-2020101719  
 (21) 2020101719 (22) 07.08.2020  
 (54) AN ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS BASED

AUTOMATED SYSTEM FOR ANIMAL HEALTH CARE

(51) Int. Cl.  
*G16H 40/60* ( 2018.01 )  
*A01K 29/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*H04Q 9/00* ( 2006.01 )  
*H04W 88/08* ( 2009.01 )  
 (45) 17.09.2020  
 (72) Dadheech, Pankaj; Kshirsagar, Pravin R.; Devaru, Susheela Devi B.; Patil, Shamshakhar S.; Chaturvedi, Rekha; Kumar, Loveleen; Mohan, Anand; Ray, Abhra Pratip; Aljabr, Ahmad Abdullah; Kumar, Kailash; Tewari, Ranjana; Islam, Saiful; Gulati, Kamal; Neeli, Jyoti; H., Girish  
 (74) Pankaj Dadheech

(71) Dalian Jiaotong University  
 (11) AU-A-2020101776  
 (21) 2020101776 (22) 12.08.2020  
 (54) LOADING DEVICE FOR BOLT TIGHTENING EXPERIMENT  
 (51) Int. Cl.  
*B25B 29/02* ( 2006.01 )  
*G01L 5/24* ( 2006.01 )  
 (31) 202010249106.0 (32) 01.04.20 (33) CN  
 (45) 17.09.2020  
 (72) ZHANG, Yinghui; HE, Weidong  
 (74) Pearce IP Pty Ltd

(71) Dalian University of Technology  
 (11) AU-A-2020101762  
 (21) 2020101762 (22) 11.08.2020  
 (54) Energy-saving multifunctional comfortable bus shelter  
 (51) Int. Cl.  
*E04H 1/12* ( 2006.01 )  
*G06Q 50/30* ( 2012.01 )  
 (45) 17.09.2020  
 (72) Dong, Jun; Qi, Lin; Yu, Rongrong; Ma, Hui  
 (74) Ran Tao

Devaru, S.D.B. see Dadheech, P.  
 (21) 2020101719

Devasenapathy, D. see P, M.  
 (21) 2020101729

(71) DGGURU LEARNING SOLUTIONS PRIVATE LIMITED  
 (11) AU-A-2020101789  
 (21) 2020101789 (22) 12.08.2020  
 (54) COMPUTER SYSTEMS AND METHODS FOR A MENTEE TO RECEIVE CONSULTATION AND GUIDANCE FROM A MENTOR  
 (51) Int. Cl.  
*G06Q 50/20* ( 2012.01 )  
 (31) 201914032580 (32) 12.08.19 (33) IN  
 (45) 17.09.2020  
 (72) Khare, Ashish; Mohanty, Smruti Kanta  
 (74) DGGURU LEARNING SOLUTIONS PRIVATE LIMITED

(71) Dylgjeri, L.  
 (11) AU-A-2020101773  
 (21) 2020101773 (22) 12.08.2020  
 (54) A SYSTEM AND METHOD FOR ARRANGING TAXICAB TRANSPORTATION  
 (51) Int. Cl.  
*H04W 4/029* ( 2018.01 )  
*G06Q 50/30* ( 2012.01 )  
*H04W 4/02* ( 2018.01 )  
 (45) 17.09.2020  
 (72) Dylgjeri, Lorenc  
 (74) Collison & Co

Fakih, A.H. see Midasal, V.  
 (21) 2020101765

G, M. see B, R.S.R.  
 (21) 2020101581

(71) Gansu Agricultural University  
 (11) AU-A-2020101716  
 (21) 2020101716 (22) 07.08.2020  
 (54) A Sustainable Planting Mode Based on Intercropping of Wheat and Maize with Green Manure  
 (51) Int. Cl.  
*A01C 21/00* ( 2006.01 )  
*A01G 13/02* ( 2006.01 )  
*A01G 22/20* ( 2018.01 )  
 (45) 17.09.2020  
 (72) Yin, Wen; Chai, Qiang; Yu, Aizhong; Zhao, Cai; Fan, Zhilong; Hu, Falong; Fan, Hong; Guo, Yao; Gou, Zhiwen  
 (74) Alder IP Pty Ltd

GEORGE, G. see P, S.  
 (21) 2020101733

G M, K. see P, S.  
 (21) 2020101733

(71) GOLDEN WARP PTY LTD; Sharma, R.  
 (11) AU-A-2020101745  
 (21) 2020101745 (22) 10.08.2020  
 (54) KEEP ME FRESH HERB WALLET AND KEEP ME FRESH CARRY ALL  
 (51) Int. Cl.  
*B65D 30/04* ( 2006.01 )  
*B65D 30/10* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Sharma, Rajeev  
 (74) Rajeev Sharma

Gomathi, S.S. see Midasal, V.  
 (21) 2020101765

(71) Guangxi Grain and Oil Science Research Institute Co.,Ltd.  
 (11) AU-A-2020101704  
 (21) 2020101704 (22) 06.08.2020

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

- (54) A Physical Refining Method of Original Camellia Oil  
 (51) Int. Cl.  
**C11B 1/04** ( 2006.01 )  
**C11B 1/08** ( 2006.01 )  
**C11B 3/00** ( 2006.01 )  
**C11B 3/16** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Li, Chuanshan; Yang, Xiangliang; Liang, Yanli; Zhou, Xiao; Ou, Chaodong; Li, Wei; Wei, Sumei  
 (74) Alder IP Pty Ltd
- 
- (71) Guangxi Subtropical Crops Research Institute (Guangxi Subtropical Agricultural Products Processing Research Institute)  
 (11) AU-A-2020101784  
 (21) 2020101784 (22) 12.08.2020  
 (54) PLAIN CHINESE WHITE OLIVE FRUIT POWDER AND PREPARATION METHOD THEREOF  
 (51) Int. Cl.  
**A23L 2/14** ( 2006.01 )  
**A23L 3/3418** ( 2006.01 )  
**A23L 3/44** ( 2006.01 )  
 (31) 202010392940.5 (32) 11.05.20 (33) CN  
 (45) 17.09.2020  
 (72) HAO, Xiaoling; FENG, Chunmei; LI, Xinrong; BIN, Zhenjun; RONG, Tao; TAN, Yewei; WANG, Linliang; NIU, Debao; REN, Erfang; AI, Jingwen; LUO, Chaodan; ZHANG, Fen; YU, Yanping; OU, Kewei; LUO, Qing; MAO, Liyan; ZHAO, Yuan; WEI, Danni  
 (74) Pearce IP Pty Ltd
- 
- (71) Guangxi Veterinary Research Institute  
 (11) AU-A-2020101720  
 (21) 2020101720 (22) 07.08.2020  
 (54) An application of an exogenous RIG-I gene in preparation of chicken anti-Newcastle disease virus products  
 (51) Int. Cl.  
**C12N 15/12** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 5/16** ( 2006.01 )  
 (45) 17.09.2020  
 (72) He, Ying; Chen, Zhongwei; Lu, Yangqing; Lu, Bingxia; Liang, Jiaying; Zhou, Yingning; Duan, Qunpeng; Zhao, Wu; Qin, Yibin; Li, Bin; Jiang, Dongfu; Lu, Jingzhan; Quan, Chenyu; Xu, Xinting; Yang, Siyi  
 (74) Alder IP Pty Ltd
- 
- (71) Guilin university of technology  
 (11) AU-A-2020101740  
 (21) 2020101740 (22) 10.08.2020  
 (54) A cold-resistant preservative based on gamma-aminobutyric acid and its preparation method and application  
 (51) Int. Cl.  
**A23B 7/16** ( 2006.01 )  
**A23B 7/055** ( 2006.01 )  
**A23B 7/154** ( 2006.01 )  
**A23L 3/3526** ( 2006.01 )
- 
- (45) 17.09.2020  
 (72) Li, Jing; Ren, Xinru; Wang, Yanhua; Dong, Xinhong; Li, Xia; Lu, Yaqi; Shan, Yang  
 (74) Alder IP Pty Ltd
- 
- (71) GUIZHOU UNIVERSITY  
 (11) AU-A-2020101794  
 (21) 2020101794 (22) 13.08.2020  
 (54) A METHOD FOR REDUCING NANO-SILICA BY MOLTEN-SALT-MEDIATED MAGNESIOTHERMIC REDUCTION  
 (51) Int. Cl.  
**C01B 33/023** ( 2006.01 )  
 (31) 201910809605.8 (32) 29.08.19 (33) CN  
 (45) 17.09.2020  
 (72) WU, Fuzhong; WANG, Xiao; DAI, Xinyi; JIN, Huixin; YANG, Wanliang; MAI, Yi  
 (74) Blue Penguin IP Ltd
- 
- (71) GUIZHOU UNIVERSITY  
 (11) AU-A-2020101795  
 (21) 2020101795 (22) 13.08.2020  
 (54) A METHOD FOR PREPARING UL-TRAFINE HIGH-PURITY ALUMINA BY USING AN INDUSTRIAL SODIUM ALUMINATE SOLUTION  
 (51) Int. Cl.  
**C01F 7/46** ( 2006.01 )  
**C01F 7/14** ( 2006.01 )  
**C01F 7/30** ( 2006.01 )  
 (31) 201910818092.7 (32) 30.08.19 (33) CN  
 (45) 17.09.2020  
 (72) JIN, Huixin; WU, Fuzhong; YIN, Qiannan; YANG, Qian; WANG, Weijie  
 (74) Blue Penguin IP Ltd
- 
- Gulati, K. see Dadheech, P.  
 (21) 2020101719
- 
- Gulati, K. see Midasal, V.  
 (21) 2020101765
- 
- H, G. see Dadheech, P.  
 (21) 2020101719
- 
- (71) Hao, G.Q.  
 (11) AU-A-2020101713  
 (21) 2020101713 (22) 07.08.2020  
 (54) Height-adjustable table  
 (51) Int. Cl.  
**A47B 9/00** ( 2006.01 )  
**A47B 9/18** ( 2006.01 )  
**A47B 13/02** ( 2006.01 )  
 (31) 2019902830 (32) 07.08.19 (33) AU  
 (45) 17.09.2020  
 (72) Hao, Guan Qun  
 (74) COOPER IP PTY. LTD.
- 
- (71) Harbin Engineering University  
 (11) AU-A-2020101705  
 (21) 2020101705 (22) 07.08.2020  
 (54) Winding arrangement of DC motor without commutation device  
 (51) Int. Cl.
- 
- H02K 31/02** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Cheng, Peng; Shi, Chao; Li, Ruiye; Liang, Ning; Li, Panlong; Tao, Xue; Wang, Fengyi  
 (74) Alder IP Pty Ltd
- 
- (71) Heaney, P.  
 (11) AU-A-2020101670  
 (21) 2020101670 (22) 05.08.2020  
 (54) INVENTION NAME: Track Tugger. DESCRIPTION : Tracked dozer install tool to suit Different Tracked DozerS such as Caterpillar, Komatsu, Liebherr as examples. where a master link is used to connect the track. Each tool is designed to suit different models And sizes of dozers Tracks. The Tool is bolted onto one track link, fastened to a tugger rope and used to assist with the install of a track. One tool is required for left track and one tool required for right track.  
 (51) Int. Cl.  
**B62D 55/205** ( 2006.01 )  
**B62D 55/30** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Heaney, Paora Robert  
 (74) Paora Robert Heaney
- 
- (71) Hefei University of Technology  
 (11) AU-A-2020101814  
 (21) 2020101814 (22) 14.08.2020  
 (54) An Integrated Motor Deceleration Drive System for Helicopter Tail  
 (51) Int. Cl.  
**B64C 27/14** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Zhen, Shengchao; Peng, Xin; Liu, Xiaoli  
 (74) Alder IP Pty Ltd
- 
- (71) Henan Jinyang Biotechnology Co., Ltd  
 (11) AU-A-2020101797  
 (21) 2020101797 (22) 13.08.2020  
 (54) Multi-functional Breeding Apparatus  
 (51) Int. Cl.  
**A01K 61/17** ( 2017.01 )  
**A01K 61/59** ( 2017.01 )  
**A01K 61/85** ( 2017.01 )  
**A01K 63/04** ( 2006.01 )  
 (31) 202021599425.6 (32) 05.08.20 (33) CN  
 (45) 17.09.2020  
 (72) GUO, Yanxin  
 (74) A.P.T. Patent and Trade Mark Attorneys
- 
- (71) Hezhang Liming Mining Co. LTD  
 (11) AU-A-2020101798  
 (21) 2020101798 (22) 13.08.2020  
 (54) METHOD FOR ROASTING SIDERITE BY BELT SINTERING MACHINE  
 (51) Int. Cl.  
**C22B 1/22** ( 2006.01 )  
**C22B 1/02** ( 2006.01 )  
**F27B 9/24** ( 2006.01 )  
**F27B 9/30** ( 2006.01 )  
 (45) 17.09.2020  
 (72) CHEN, Nenggui  
 (74) Remarkable IP

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

---

(71) Institute of Animal Husbandry and Veterinary, Hubei Academy of Agricultural Sciences  
 (11) AU-A-2020101763  
 (21) 2020101763 (22) 11.08.2020  
 (54) SNP Genetic Marker of Fat Deposition Traits in Pigs and Its Application  
 (51) Int. Cl.  
**C12Q 1/6876** ( 2018.01 )  
 (45) 17.09.2020  
 (72) Qiao, Mu; Wu, Huayu; Peng, Xianwen; Mei, Shuqi; Wu, Junjing; Sun, Hua; Zhou, Jiawei; Liu, Guisheng; Song, Zhongxu; Li, Lianghua; Dong, Binke; Zhao, Haizhong; Li, Zipeng  
 (74) Alder IP Pty Ltd

---

(71) Institute of Cotton Research of CAAS  
 (11) AU-A-2020101755  
 (21) 2020101755 (22) 10.08.2020  
 (54) A method for constructing a high-throughput cotton variety DNA fingerprint library based on a capillary four-color fluorescence electrophoresis detection system and multiplex fluorescence PCR amplification  
 (51) Int. Cl.  
**C12Q 1/6895** ( 2018.01 )  
**C12Q 1/686** ( 2018.01 )  
 (45) 17.09.2020  
 (72) Wu, Yuzhen; Kuang, Meng; Peng, Jun; Wei, Shoujun; Zhou, Dayun; Huang, Longyu; Wang, Yanqin  
 (74) Alder IP Pty Ltd

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(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences  
 (11) AU-A-2020101692  
 (21) 2020101692 (22) 06.08.2020  
 (54) STEWING DEVICE WITH PRESSURIZATION FUNCTION  
 (51) Int. Cl.  
**A47J 27/08** ( 2006.01 )  
**A47J 27/04** ( 2006.01 )  
 (45) 17.09.2020  
 (72) ZHANG, Chunhui; LI, Xia; JIA, Wei; HUANG, Feng  
 (74) Origin Patent and Trade Mark Attorneys

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(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences  
 (11) AU-A-2020101708  
 (21) 2020101708 (22) 07.08.2020  
 (54) INTEGRATED QUANTITATIVE STEWING DEVICE FOR TRADITIONAL MEAT PRODUCTS  
 (51) Int. Cl.  
**A47J 37/04** ( 2006.01 )  
**A47J 27/04** ( 2006.01 )  
 (45) 17.09.2020  
 (72) ZHANG, Chunhui; HUANG, Feng; LI, Xia; JIA, Wei; GUO, Yujie  
 (74) Origin Patent and Trade Mark Attorneys

---

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
 (11) AU-A-2020101815  
 (21) 2020101815 (22) 14.08.2020  
 (54) An experimental instrument for rock mass tension and compression synergy  
 (51) Int. Cl.  
**G01N 3/10** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Qi, Shengwen; Guo, Songfeng; Zhan, Zhifa; Zou, Yu; Zheng, Bowen; Hou, Xiaokun; Zhang, Shishu; Ma, Jingen; Ran, Congyan; Shi, Dingguo; Ma, Xingdong; Yuan, Guoqing; Wang, Xiuhua  
 (74) Alder IP Pty Ltd

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(71) Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences  
 (11) AU-A-2020101714  
 (21) 2020101714 (22) 07.08.2020  
 (54) LYCIUM BARBARUM ORCHARD GRASS PLANTING METHOD  
 (51) Int. Cl.  
**A01G 22/63** ( 2018.01 )  
 (31) 201910986449.2 (32) 17.10.19 (33) CN  
 (45) 17.09.2020  
 (72) CAO, Youlong; HE, Jun; LI, Xiaoying; QIN, Ken; DAI, Guoli; SHI, Zhigang; ZHANG, Xiyan; JIAO, Enning; TIAN, Ying; ZHU, Lizhen  
 (74) Remarkable IP

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Islam, S. see Dadheech, P.  
 (21) 2020101719

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JACKSON TOM, R. see P, S.  
 (21) 2020101733

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(71) Jiamusi University  
 (11) AU-A-2020101792  
 (21) 2020101792 (22) 13.08.2020  
 (54) COMBINED FUNCTIONAL CHOCOLATE AND PREPARATION METHOD THEREOF  
 (51) Int. Cl.  
**A23G 1/48** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 36/488** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
 (45) 17.09.2020  
 (72) QIU, Hongbin; ZHANG, Yu; ZHAO, Hong; WANG, Yuliang; SHEN, Yu; ZHOU, Shujing; HOU, Wei; WANG, Chaoxing; SUN, Changhai  
 (74) Remarkable IP

---

(71) Jiangnan University  
 (11) AU-A-2020101727  
 (21) 2020101727 (22) 07.08.2020  
 (54) A high hardness and high transparency polyimide flexible cover plate and a method of preparing the cover plate  
 (51) Int. Cl.  
**C03C 17/34** ( 2006.01 )

---

(45) 17.09.2020  
 (72) Liu, Jiyang; You, Qingliang; Liu, Zhihong; Liu, Xueqing; Zou, Liyong; Xiao, Biao; Liu, Cui  
 (74) Alder IP Pty Ltd

---

(71) Jiangsu Institute of Parasitic Diseases  
 (11) AU-A-2020101749  
 (21) 2020101749 (22) 10.08.2020  
 (54) Recombinant protein for rapid detection of *Toxoplasma gondii*, preparation method and use thereof  
 (51) Int. Cl.  
**C07K 14/45** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
 (45) 17.09.2020  
 (72) HUA, Haiyong; YU, Ming'en; WU, Qiongsan; HU, Xiangye; CHEN, Wei; LU, Ping  
 (74) FB Rice Pty Ltd

---

Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd. see Nanjing Forestry University  
 (21) 2020101718

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K, P. see M, S.K.  
 (21) 2020101706

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K, K. see M, S.K.  
 (21) 2020101706

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Kallam, S. see Sharma, M.  
 (21) 2020101728

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Kamble, S.R. see Midasal, V.  
 (21) 2020101765

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Kanani, P. see Padole, M.  
 (21) 2020101730

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Kavadi, D.P. see Kollapudi, P.C.  
 (21) 2020101738

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Khalid, M.N. see Rajeyyagari, S.  
 (21) 2020101787

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Khan, N.A. see Rajeyyagari, S.  
 (21) 2020101787

---

(71) Killmount Pty Ltd  
 (11) AU-A-2020101788  
 (21) 2020101788 (22) 12.08.2020  
 (54) METHOD OF LOCATING A LOST PERSON AND RECONNECTING WITH THEIR CARER  
 (51) Int. Cl.  
**G06Q 50/26** ( 2012.01 )  
**G06K 19/00** ( 2006.01 )

---

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

(45) 17.09.2020  
 (72) McKevitt, Peter  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

Kim, J.T. see NUC Electronics Co., Ltd  
 (21) 2020101778

(71) Koala Sleep Pty Ltd  
 (11) AU-A-2020101777  
 (21) 2020101777 (22) 12.08.2020  
 (54) A Tip Inhibiting Device for Use with Furniture  
 (51) Int. Cl.  
 A47B 91/00 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Asquith, Warren; Tryfiatis, Demetre; Morabito, Josh  
 (74) Phillips Ormonde Fitzpatrick

(71) Kollapudi, P.C.; Annapu Reddy, B.R.; Manike, C.; P, S.; M V, N.; Kavadi, D.P.  
 (11) AU-A-2020101738  
 (21) 2020101738 (22) 10.08.2020  
 (54) AUTOMATED REAL-TIME DRIVING BEHAVIOURAL MODELLING ANALYSIS AND REPORTING IN DENSER TRAFFIC USING DATA MINING  
 (51) Int. Cl.  
 G06Q 10/04 ( 2012.01 )  
 G06N 3/02 ( 2006.01 )  
 G06N 20/10 ( 2019.01 )  
 G06Q 50/30 ( 2012.01 )  
 G08G 99/00 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Kollapudi, Purna Chand; Annapu Reddy, Brahmananda Reddy; Manike, Chiranjeevi; P., Subhash; M. V., Narayana; Kavadi, Durga Prasad  
 (74) Purna Chand Kollapudi

Kshirsagar, P.R. see Dadheech, P.  
 (21) 2020101719

Kshirsagar, P.R. see Midasal, V.  
 (21) 2020101765

Kumar, L. see Dadheech, P.  
 (21) 2020101719

Kumar, K. see Dadheech, P.  
 (21) 2020101719

Kumar, A. see Sharma, M.  
 (21) 2020101728

Kumar, S. see Sharma, M.  
 (21) 2020101728

Kumar, M.P. see Midasal, V.  
 (21) 2020101765

Kumar, R. see Midasal, V.  
 (21) 2020101765

LEEMA, A. see M, S.K.  
 (21) 2020101706

(71) Liaoning University of Science and Technology  
 (11) AU-A-2020101731  
 (21) 2020101731 (22) 08.08.2020  
 (54) An Intelligent Cleaning Machine For Internet Of Things  
 (51) Int. Cl.  
 A47L 15/42 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Dong, Liwen  
 (74) chuansheng wu

(71) Liaoning University of Science and Technology  
 (11) AU-A-2020101732  
 (21) 2020101732 (22) 08.08.2020  
 (54) An Internet Of Things Women's Self-Defense Umbrella  
 (51) Int. Cl.  
 A45B 23/00 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Ma, Quanyan  
 (74) chuansheng wu

(71) Liaoning University of Science and Technology  
 (11) AU-A-2020101736  
 (21) 2020101736 (22) 09.08.2020  
 (54) A Simple Control Device And Method For Mobile Phone Wechat  
 (51) Int. Cl.  
 A61F 4/00 ( 2006.01 )  
 G06F 1/16 ( 2006.01 )  
 G06F 3/01 ( 2006.01 )  
 G06F 3/16 ( 2006.01 )  
 H02P 1/16 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Wang, Xiaoming  
 (74) chuansheng wu

(71) Liu, P.  
 (11) AU-A-2020101739  
 (21) 2020101739 (22) 10.08.2020  
 (54) A cleaning bracket for hysteroscopic surgical instruments  
 (51) Int. Cl.  
 A61B 90/70 ( 2016.01 )  
 A61B 50/20 ( 2016.01 )  
 A61B 90/25 ( 2016.01 )  
 (45) 17.09.2020  
 (72) Liu, Ping; Li, Jingping; Yang, Fang; Guo, Lijun; Wang, Junping  
 (74) Alder IP Pty Ltd

(71) Liu, P.  
 (11) AU-A-2020101757  
 (21) 2020101757 (22) 10.08.2020

(54) Flat cars for bedridden patients  
 (51) Int. Cl.  
 A61G 7/10 ( 2006.01 )  
 A61G 1/02 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Liu, Ping; Guo, Lijun; Xie, Xiaofen; Wang, Kangmin; Wang, Junping  
 (74) Alder IP Pty Ltd

M, S.K. see B, R.S.R.  
 (21) 2020101581

M, V.R. see B, R.S.R.  
 (21) 2020101581

M, N.K. see M, S.K.  
 (21) 2020101706

(71) M, S.K.; K, P.; M, N.K.; V, R.; LEEMA, A.; K, K.; VELUSAMY, S.; R, V.; V, B.  
 (11) AU-A-2020101706  
 (21) 2020101706 (22) 07.08.2020  
 (54) A SMART AND AUTOMATED BEDRIDDEN PATIENT MONITORING SYSTEM OVER THE CLOUD  
 (51) Int. Cl.  
 G16H 40/20 ( 2018.01 )  
 A61B 5/11 ( 2006.01 )  
 (45) 17.09.2020  
 (72) M., SENTHIL KUMAR; K., PALANI; M., NARESH KUMAR; V., RATHINAM; LEEMA, ANNY; K., KAVITHA; VELUSAMY, SARAVANAN; R., VENKATESAN; V., BHOOPATHY  
 (74) GOWTHAMI S

M, S. see P, S.  
 (21) 2020101733

Manike, C. see Kollapudi, P.C.  
 (21) 2020101738

(71) Midasal, V.; Kshirsagar, P.R.; Chaitanya, D.V.S.R.K.; Bhavanam, S.N.; Gulati, K.; Babu, G.V.S.; Fakh, A.H.; Gomathi, S.S.; Kumar, M.P.; Upadhayaya, N.; Kamble, S.R.; Bangar, P.; Kumar, R.; Bairwa, A.K.; Bairwa, K.N.  
 (11) AU-A-2020101765  
 (21) 2020101765 (22) 11.08.2020  
 (54) AN IOT AND ARTIFICIAL INTELLIGENCE BASED SYSTEM FOR WHEEL CHAIR CONTROL  
 (51) Int. Cl.  
 A61G 5/04 ( 2013.01 )  
 G16H 40/60 ( 2018.01 )  
 (45) 17.09.2020  
 (72) Midasal, Vasujadevi; Kshirsagar, Pravin R.; Chaitanya, Dumpa Venkata Sai Rama Krishna; Bhavanam, S. Nagakishore; Gulati, Kamal; Babu, G. Venkata Suresh; Fakh, Awab Habib; Gomathi, S. Sankara; Kumar, Mukku Pavan; Upadhayaya, Niraj; Kamble, Sudhir R.; Bangar, Parvinder; Ku-



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

mar, Raj; Bairwa, Amit Kumar; Bairwa, Kedar Narayan  
(74) Vasujadevi Midasal

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.

(11) AU-A-2020101791  
(21) 2020101791 (22) 13.08.2020  
(54) ACCUMULATOR AND COMPRESSOR FOR AIR CONDITIONING  
(51) Int. Cl.  
F25B 43/00 ( 2006.01 )  
F04B 39/00 ( 2006.01 )  
F04B 39/12 ( 2006.01 )  
F04B 39/16 ( 2006.01 )  
F04C 29/12 ( 2006.01 )

(45) 17.09.2020  
(62) PCT/JP2018/044426  
(72) Yakushiji, Shunsuke; Terasaki, Shohei; Ogawa, Makoto; Shimaya, Hirofumi; Uno, Masanari  
(74) Phillips Ormonde Fitzpatrick

(71) Moga, D.  
(11) AU-A-2020101735  
(21) 2020101735 (22) 09.08.2020  
(54) Blow Moulded and Rotational moulded supports and spacers for steel reinforced concrete structures

(51) Int. Cl.  
E04C 5/20 ( 2006.01 )  
E04C 5/07 ( 2006.01 )  
E04C 5/16 ( 2006.01 )

(45) 17.09.2020  
(72) Moga, Daniel  
(74) Daniel Moga

Mohan, A. see Dadheech, P.  
(21) 2020101719

M R, S. see P, M.  
(21) 2020101729

M V, N. see Kollapudi, P.C.  
(21) 2020101738

N, G. see Sharma, M.  
(21) 2020101728

(71) Nanjing Forestry University; Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd.; Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd.  
(11) AU-A-2020101718  
(21) 2020101718 (22) 07.08.2020  
(54) A METHOD TO EVALUATE THE SEISMIC DAMAGE OF SHORT-LIMB SHEAR WALL STRUCTURE  
(51) Int. Cl.  
G01V 1/28 ( 2006.01 )

(45) 17.09.2020  
(72) Sun, Dunben; Tang, Ye; Wang, Jingxiang; Xu, Ying; Li, Fuchun; Cheng, Wei; Sun, Zhengshan  
(74) Ran Tao

(71) Nanjing Forestry University; Technical Center for Animal Plant and Food Inspection and Quarantine, Shanghai Customs  
(11) AU-A-2020101767  
(21) 2020101767 (22) 11.08.2020  
(54) SPECIFIC DETECTION TARGET PR40993 OF P. RAMORUM AND APPLICATION THEREOF

(51) Int. Cl.  
C12Q 1/6888 ( 2018.01 )  
C12Q 1/6844 ( 2018.01 )  
(31) 2019111763767 (32) 26.11.19 (33) CN  
(45) 17.09.2020  
(72) Dai, Tingting; Jiao, Binbin; Xue, Junxin; Yan, Juan; Chen, Zhenpeng; Tian, Wen; Han, Yangchun  
(74) Madderns Pty Ltd

(71) Nanjing Institute for Comprehensive Utilization of Wild Plants, CHINA CO-OP

(11) AU-A-2020101764  
(21) 2020101764 (22) 11.08.2020  
(54) A Humidified and Movable Vacuum Pre-cooling Fresh-keeping Device  
(51) Int. Cl.  
F24F 6/14 ( 2006.01 )  
A23B 7/04 ( 2006.01 )

(31) 201921365747.1 (32) 22.08.19 (33) CN  
(45) 17.09.2020  
(72) Zhao, Botao; Zheng, Xianzhang; Huang, Xiaode; Qian, Hua; Chen, Bin  
(74) Ran Tao

Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd. see Nanjing Forestry University  
(21) 2020101718

(71) NANJING UNIVERSITY OF SCIENCE & TECHNOLOGY  
(11) AU-A-2020101761  
(21) 2020101761 (22) 11.08.2020  
(54) METHOD FOR PLANNING PATH OF PARKING AGV BASED ON IMPROVED DIJKSTRA ALGORITHM  
(51) Int. Cl.  
G08G 1/09 ( 2006.01 )  
B60W 30/06 ( 2006.01 )  
B60W 30/095 ( 2012.01 )  
B60W 60/00 ( 2020.01 )  
G05D 1/02 ( 2020.01 )  
G06F 16/29 ( 2019.01 )  
(45) 17.09.2020  
(72) Qi, Yong; Ni, Yihui  
(74) Winston GREEN

(71) Nanjing University of Science and Technology  
(11) AU-A-2018102176  
(21) 2018102176 (22) 27.09.2018

(54) METHOD FOR SHORT-TERM TRAFFIC FLOW PREDICTION BASED ON SPATIO-TEMPORAL CORRELATION  
(51) Int. Cl.  
G08G 1/01 ( 2006.01 )  
G06Q 10/04 ( 2012.01 )  
(31) 201810772451.5 (32) 13.07.18 (33) CN  
(45) 17.09.2020  
(72) QI, Yong; XIONG, Ting; ZHANG, Weibin; GAO, Panjun  
(74) Chamberlains Law Firm Pty Limited

Neeli, J. see Dadheech, P.  
(21) 2020101719

(71) Northeast Petroleum University  
(11) AU-A-2020101616  
(21) 2020101616 (22) 02.08.2020  
(54) A device for simulating local fracturing core making and multi-stage fracture monitoring  
(51) Int. Cl.  
G01N 3/12 ( 2006.01 )  
C08F 2/46 ( 2006.01 )  
C09J 133/08 ( 2006.01 )

(45) 17.09.2020  
(72) Zhao, Wanchun; Wang, Tingting; Yang, Erlong; Liu, Yongsheng; Wang, Mei; Li, Yuwei; Fu, Xiaofei; He, Zengjun  
(74) Alder IP Pty Ltd

(71) NUC Electronics Co., Ltd; Kim, J.T.  
(11) AU-A-2020101778  
(21) 2020101778 (22) 12.08.2020  
(54) Juice extraction module for juicer  
(51) Int. Cl.  
A47J 19/06 ( 2006.01 )  
A47J 19/02 ( 2006.01 )  
A47J 43/07 ( 2006.01 )

(45) 17.09.2020  
(62) 2020200479  
(72) Kim, Jong Boo  
(74) FB Rice Pty Ltd

(71) OXTI CORPORATION  
(11) AU-A-2020101805  
(21) 2020101805 (22) 13.08.2020  
(54) SUPPORT STRUCTURE FOR ELECTRONIC DEVICE  
(51) Int. Cl.  
F16M 11/12 ( 2006.01 )  
F16M 11/38 ( 2006.01 )  
(45) 17.09.2020  
(72) HO, CHIH FENG  
(74) Alfred Lei

(71) OXTI CORPORATION  
(11) AU-A-2020101807  
(21) 2020101807 (22) 13.08.2020  
(54) MEDICAL SHIELD  
(51) Int. Cl.  
A41D 13/11 ( 2006.01 )  
(45) 17.09.2020  
(72) HO, CHIH FENG  
(74) Alfred Lei

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

- (71) P, M.; R, U.; Devasenapathy, D.; Ramashini, M.; Umar, M.M.; M R, S.; Banerjee, I.; Y, A.N.; Babuprasad, S.; S, B.K.  
 (11) AU-A-2020101729  
 (21) 2020101729 (22) 08.08.2020  
 (54) CONTINUOUS LABELLING ASSESSMENT OF PRODUCTS TO IMPROVE EFFICIENCY OF REVERSE LOGISTICS BY DEEP LEARNING MODEL  
 (51) Int. Cl.  
*G06Q 50/28* ( 2012.01 )  
*G06K 9/00* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G06Q 10/08* ( 2012.01 )  
 (45) 17.09.2020  
 (72) P., Madhumathy; R., Umamaheswari; Devasenapathy, Deepa; Ramashini, Murugaiya; Umar, Malik Mohamed; M. R., Suma; Banerjee, Ishita; Y., Ambika Naik; Babuprasad, Shweta; S., Bharath Kumar  
 (74) Madhumathy P
- 
- (71) P, S.; R, P.; A, S.; M, S.; G M, K.; A, R.S.; JACKSON TOM, R.; GEORGE, G.  
 (11) AU-A-2020101733  
 (21) 2020101733 (22) 09.08.2020  
 (54) AN IOT BASED SMART AND EFFICIENT WIRELESS POWER TRANSMISSION SYSTEM  
 (51) Int. Cl.  
*H01B 1/12* ( 2006.01 )  
*H01M 10/44* ( 2006.01 )  
 (45) 17.09.2020  
 (72) P., SUPRAJA; R., PITCHAI; A., SHANTHINI; M., SAYEEKUMAR; G. M., KARTHIK; A., RAZIA SULTHANA; JACKSON TOM, RIJO; GEORGE, GEORGEN  
 (74) GOWTHAMI S
- 
- P, S. see Kollapudi, P.C.  
 (21) 2020101738
- 
- P, A. see A, S.  
 (21) 2020101790
- 
- (71) Padole, M.; Kanani, P.  
 (11) AU-A-2020101730  
 (21) 2020101730 (22) 08.08.2020  
 (54) A SYSTEM FOR REAL-TIME HEART HEALTH MONITORING  
 (51) Int. Cl.  
*A61B 5/0468* ( 2006.01 )  
*A61B 5/0404* ( 2006.01 )  
*A61B 5/0408* ( 2006.01 )  
*A61B 5/0428* ( 2006.01 )  
*A61B 5/0432* ( 2006.01 )  
*A61B 5/044* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Padole, Mamta; Kanani, Pratik  
 (74) Mamta Padole
- 
- (71) Panasonic Appliances Cold Chain (Dalian) Co., Ltd.  
 (11) AU-A-2020101770  
 (21) 2020101770 (22) 11.08.2020  
 (54) CONDENSATE WATER EVAPORATING DEVICE AND REFRIGERATION APPARATUS COMPRISING THE SAME  
 (51) Int. Cl.  
*F25D 21/14* ( 2006.01 )  
 (31) 2019112783842 (32) 12.12.19 (33) CN  
 (45) 17.09.2020  
 (72) YANG, Baojiang; WANG, Tie; LI, Hui; ZHANG, Guodong; WANG, Liang; YU, Tongjuan; LI, Yin; SUN, Shaoguan; WANG, Jian; HE, Changming; XIAO, Peng; QI, Ji; WANG, Hongyu; LIU, Xiaojun; MA, Lingbo; HAN, He; SUN, Jian; YAO, Zihe; ZHANG, Wanshu  
 (74) Wallington-Dummer
- 
- Patil, S.S. see Dadheech, P.  
 (21) 2020101719
- 
- Patra, R.K. see B, R.S.R.  
 (21) 2020101581
- 
- (71) Peat, D.  
 (11) AU-A-2016102447  
 (21) 2016102447 (22) 23.12.2016  
 (54) Underwater tether  
 (51) Int. Cl.  
*B63C 11/00* ( 2006.01 )  
 (31) 715378 (32) 24.12.15 (33) NZ  
 (45) 17.09.2020  
 (72) Peat, Donald Gordon  
 (74) Ellis Terry
- 
- (71) Pilbara Conveyor Supplies Pty Ltd  
 (11) AU-A-2020101781  
 (21) 2020101781 (22) 12.08.2020  
 (54) Blade assembly  
 (51) Int. Cl.  
*B65G 45/12* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Morris, Jack Joseph  
 (74) MINTER ELLISON
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020101699  
 (21) 2020101699 (22) 06.08.2020  
 (54) PREPARATION METHOD OF EXPANDABLE ALUMINIUM SILICATE FIBER THERMAL-INSULATING MATERIAL  
 (51) Int. Cl.  
*D04H 1/70* ( 2012.01 )  
*B65D 81/38* ( 2006.01 )  
*F16L 59/14* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Jiang, Yifei; Han, Wenjian; Kong, Fangong; Zhao, Ruhe; Wang, Shoujuan; Meng, Xia  
 (74) Madderns Pty Ltd
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020101700  
 (21) 2020101700 (22) 06.08.2020  
 (54) METHOD FOR PREPARING WATER-AND-OIL-RESISTANT NANOCELULOSE COMPOSITE FILM  
 (51) Int. Cl.  
*C08J 5/18* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Song, Zhaoping; Tang, Jiebin; Lu, Xi; Wang, Huili; Liu, Wenxia; Li, Guodong; Yu, Dehai; Ren, Xinle; Zhao, Shuqian; Li, Wei  
 (74) Madderns Pty Ltd
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020101804  
 (21) 2020101804 (22) 13.08.2020  
 (54) PREPARATION METHOD OF SUPER-TEXTURE PAPER  
 (51) Int. Cl.  
*D21H 19/66* ( 2006.01 )  
 (45) 17.09.2020  
 (72) Meng, Xia; Jiang, Yifei; Kong, Fangong; Han, Wenjia; Li, Guodong; Wang, Shoujuan  
 (74) Madderns Pty Ltd
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020101806  
 (21) 2020101806 (22) 13.08.2020  
 (54) SOLID-STATE TEMPERATURE CONTROL MATERIAL AND PREPARATION METHOD THEREOF  
 (51) Int. Cl.  
*C09K 5/06* ( 2006.01 )  
*C09K 5/02* ( 2006.01 )  
 (31) 202010153745.7 (32) 07.03.20 (33) CN  
 (45) 17.09.2020  
 (72) Dong, Xiaobin; Wang, Shoujuan; Kong, Fangong; Meng, Xia; Qi, Letian; Zhao, Ruhe  
 (74) Madderns Pty Ltd
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020101808  
 (21) 2020101808 (22) 13.08.2020  
 (54) PHASE-CHANGE TEMPERATURE CONTROL MATERIAL COMPOUNDED FROM HYBRID FIBERS AND PREPARATION METHOD THEREOF  
 (51) Int. Cl.  
*C09K 5/06* ( 2006.01 )  
*C09K 5/02* ( 2006.01 )  
 (31) 202010190971.2 (32) 18.03.20 (33) CN  
 (45) 17.09.2020  
 (72) Wang, Shoujuan; Dong, Xiaobin; Kong, Fangong; Han, Wenjia; Li, Guodong; Sun, Jiaojiao  
 (74) Madderns Pty Ltd
- 
- (71) Qingdao Agricultural University  
 (11) AU-A-2020101721  
 (21) 2020101721 (22) 07.08.2020  
 (54) A pesticide for preventing and treating wheat scab  
 (51) Int. Cl.  
*A01N 43/653* ( 2006.01 )  
*A01N 25/04* ( 2006.01 )

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

- A01N 43/50** ( 2006.01 )  
**(45)** 17.09.2020  
**(72)** Mu, Ping; Liu, Huiwen; He, Xiaoyan; Yin, Huayan  
**(74)** Alder IP Pty Ltd
- 
- R, V. see M, S.K.**  
**(21)** 2020101706
- 
- R, U. see P, M.**  
**(21)** 2020101729
- 
- R, P. see P, S.**  
**(21)** 2020101733
- 
- R.M, G. see A, S.**  
**(21)** 2020101790
- 
- Rage, K. see B, R.S.R.**  
**(21)** 2020101581
- 
- (71)** Rajeyyagari, S.; Khan, N.A.; Ahmad, M.; Khalid, M.N.; Siddiqi, A.M.U.; Rashid, K.A.; Ahamad, D.; Alotaibi, A.S.  
**(11)** AU-A-2020101787  
**(21)** 2020101787 **(22)** 12.08.2020  
**(54)** DATA SECURITY FOR DISTRIBUTED STREAMING DATA COLLECTION SYSTEM USING PROVENANCE MODEL  
**(51)** Int. Cl.  
**G06F 16/25** ( 2019.01 )  
**G06F 16/215** ( 2019.01 )  
**G06F 16/23** ( 2019.01 )  
**G06F 16/28** ( 2019.01 )  
**G06F 21/60** ( 2013.01 )  
**(45)** 17.09.2020  
**(72)** Rajeyyagari, Sivaram; Khan, Nayyar Ahmed; Ahmad, Mohammad; Khalid, Mohammad Nadeem; Siddiqi, Ahmed Masih Uddin; Rashid, Khan Asif; Ahamad, Danish; Alotaibi, Abdullah Shawan  
**(74)** Sivaram Rajeyyagari
- 
- Rajkumar, I. see A, S.**  
**(21)** 2020101790
- 
- Ramashini, M. see P, M.**  
**(21)** 2020101729
- 
- Rani, B.K. see B, R.S.R.**  
**(21)** 2020101581
- 
- Rashid, K.A. see Rajeyyagari, S.**  
**(21)** 2020101787
- 
- Ray, A.P. see Dadheech, P.**  
**(21)** 2020101719
- 
- (71)** Razer (Asia-Pacific) Pte. Ltd.  
**(11)** AU-A-2020101742  
**(21)** 2020101742 **(22)** 10.08.2020  
**(54)** Mount for peripheral device  
**(51)** Int. Cl.  
**G06F 1/16** ( 2006.01 )  
**(45)** 17.09.2020  
**(72)** RIZVI, Farrukh Raza; WANG, Hanjie Eugene  
**(74)** FB Rice Pty Ltd
- 
- (71)** RI PTY LTD  
**(11)** AU-A-2020101743  
**(21)** 2020101743 **(22)** 10.08.2020  
**(54)** Contactless Biometric Authentication Systems and Methods Thereof  
**(51)** Int. Cl.  
**G06F 21/32** ( 2013.01 )  
**G06K 9/00** ( 2006.01 )  
**(31)** 2020901588 **(32)** 18.05.20 **(33)** AU  
**(45)** 17.09.2020  
**(72)** Ram, Rikesh  
**(74)** LEGALVISION ILP PTY. LTD.
- 
- S, B.K. see P, M.**  
**(21)** 2020101729
- 
- S, P. see A, S.**  
**(21)** 2020101790
- 
- (71)** Shanghai Jiao Tong University; Shenzhen Hubio Biotechnology Co. LTD  
**(11)** AU-A-2020101779  
**(21)** 2020101779 **(22)** 12.08.2020  
**(54)** BISPECIFIC ANTIBODY BINDING TO AGR2 PROTEIN AND CHI3L1 PROTEIN, CONSTRUCTION, EXPRESSION, PURIFICATION METHOD THEREFOR, AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(45)** 17.09.2020  
**(72)** Li, Dawei; Wang, Zeling  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Shanghai University  
**(11)** AU-A-2020101680  
**(21)** 2020101680 **(22)** 05.08.2020  
**(54)** DEVICE FOR MEASURING DYNAMIC FLUIDITY OF HIGH-TEMPERATURE METAL MELT AND METHOD FOR MEASURING FLUIDITY OF METAL MELT  
**(51)** Int. Cl.  
**B22D 2/00** ( 2006.01 )  
**G01N 11/02** ( 2006.01 )  
**(31)** 201910999745.6 **(32)** 21.10.19 **(33)** CN  
**(45)** 17.09.2020  
**(72)** Chen, Xiangru; Xu, Zhishuai; Liu, Haining; Zhai, Qijie; Zhang, Yunhu; Zhao, Long; Wu, Jiadong  
**(74)** Michael Buck IP
- 
- Shankar, L. see Sharma, M.**  
**(21)** 2020101728
- 
- Sharma, R. see Sharma, M.**  
**(21)** 2020101728
- 
- (71)** Sharma, M.; Kumar, A.; Balusamy, B.; Sharma, R.; Chaudhary, S.; Shankar, L.; Kumar, S.; N, G.; Kallam, S.  
**(11)** AU-A-2020101728  
**(21)** 2020101728 **(22)** 08.08.2020  
**(54)** Smart COVID Scanner: Portable and Affordable Scanner to Detect COVID-19 Virus  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**G01N 21/552** ( 2014.01 )  
**G01N 33/569** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G16H 50/00** ( 2018.01 )  
**(45)** 17.09.2020  
**(72)** Sharma, Meenakshi; Kumar, Arvind; Balusamy, Balamurugan; Sharma, Reecha; Chaudhary, Sumit; Shankar, Lakshmi; Kumar, Sunil; N., Gayathri; Kallam, Suresh  
**(74)** Meenakshi Sharma
- 
- Sharma, R. see GOLDEN WARP PTY LTD**  
**(21)** 2020101745
- 
- Shenzhen Hubio Biotechnology Co. LTD see Shanghai Jiao Tong University**  
**(21)** 2020101779
- 
- (71)** Shihezi University  
**(11)** AU-A-2020101662  
**(21)** 2020101662 **(22)** 04.08.2020  
**(54)** A piezoelectric laser pointer and remote control system  
**(51)** Int. Cl.  
**G08C 17/02** ( 2006.01 )  
**G02B 27/20** ( 2006.01 )  
**H01L 41/113** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**(45)** 17.09.2020  
**(72)** Gong, Lijiao; Zhao, Chunming; Zhou, Tianshuo; Li, Hongwei; Zhang, Xin; Si, Jindong; Qiu, Shilong; Li, Yibo; Chen, Xingyi; Yang, Jianxin; Hou, Weiwei  
**(74)** Alder IP Pty Ltd
- 
- (71)** Sichuan Agricultural University  
**(11)** AU-A-2020101754  
**(21)** 2020101754 **(22)** 10.08.2020  
**(54)** A method for detecting polyamine contents in goose tissues by high performance liquid chromatography  
**(51)** Int. Cl.  
**G01N 30/02** ( 2006.01 )  
**G01N 30/06** ( 2006.01 )  
**G01N 30/26** ( 2006.01 )  
**G01N 30/88** ( 2006.01 )

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

(45) 17.09.2020  
 (72) Jiang, Dongmei; Kang, Bo; He, Hui; Ma, Rong; Yi, Zhixin  
 (74) Alder IP Pty Ltd

Siddiqi, A.M.U. see Rajeyyagari, S.  
 (21) 2020101787

(71) Special Specialty Products Institute of China Agricultural Sciences Academy  
 (11) AU-A-2020101756  
 (21) 2020101756 (22) 10.08.2020  
 (54) The preparation method of Ganoderma and Red Ginseng Drink with soothing effect  
 (51) Int. Cl.  
 A23L 2/38 ( 2006.01 )

(45) 17.09.2020  
 (72) Yan, Meixia; Zhang, Rui; Song, Juan; Zheng, Peihe; Cui, Lili; Feng, Shifeng  
 (74) Alder IP Pty Ltd

Srinivas, K. see B, R.S.R.  
 (21) 2020101581

(71) Sunrise Smart Build-IT Co.,Ltd  
 (11) AU-A-2020101717  
 (21) 2020101717 (22) 07.08.2020  
 (54) A towable house / transformable caravan that has foldable and expandable rooms on multiple sides  
 (51) Int. Cl.  
 E04H 15/08 ( 2006.01 )  
 B60P 3/34 ( 2006.01 )  
 E04H 1/12 ( 2006.01 )  
 (31) 202010246456.1 (32) 01.04.20 (33) CN  
 (45) 17.09.2020  
 (72) Sheng, Xiong; Sheng, Bob  
 (74) Margaret Pan

Technical Center for Animal Plant and Food Inspection and Quarantine, Shanghai Customs see Nanjing Forestry University  
 (21) 2020101767

(71) Techtronic Cordless GP  
 (11) AU-A-2020101746  
 (21) 2020101746 (22) 10.08.2020  
 (54) Electric power sprayer with multi-voltage battery system and method therefor  
 (51) Int. Cl.  
 B05B 9/04 ( 2006.01 )  
 B05B 9/08 ( 2006.01 )  
 (45) 17.09.2020  
 (62) PCT/CN2018/075101  
 (72) LAM, Chin Hung; WANG, Zheng Jun  
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP  
 (11) AU-A-2020101747  
 (21) 2020101747 (22) 10.08.2020  
 (54) Battery pack  
 (51) Int. Cl.  
 B25F 5/02 ( 2006.01 )  
 H01M 2/10 ( 2006.01 )

(31) 16/536,417 (32) 09.08.19 (33) US  
 (45) 17.09.2020  
 (72) ALTENBURGER, Ryan  
 (74) Griffith Hack

(71) Techtronic Cordless GP  
 (11) AU-A-2020101751  
 (21) 2020101751 (22) 10.08.2020  
 (54) Battery pack  
 (51) Int. Cl.  
 B25F 5/02 ( 2006.01 )  
 H01M 2/00 ( 2006.01 )  
 (31) 16/536,418 (32) 09.08.19 (33) US  
 (45) 17.09.2020  
 (72) ALTENBURGER, Ryan  
 (74) Griffith Hack

(71) Techtronic Cordless GP  
 (11) AU-A-2020101752  
 (21) 2020101752 (22) 10.08.2020  
 (54) Battery pack support portion configured to accommodate multiple different device interfaces  
 (51) Int. Cl.  
 H01M 2/10 ( 2006.01 )  
 (31) 16/536,427 (32) 09.08.19 (33) US  
 (45) 17.09.2020  
 (72) HUGGINS, Mark  
 (74) Griffith Hack

(71) Techtronic Cordless GP  
 (11) AU-A-2020101753  
 (21) 2020101753 (22) 10.08.2020  
 (54) Battery pack including staggered battery pack terminals  
 (51) Int. Cl.  
 B25F 5/02 ( 2006.01 )  
 H01M 2/10 ( 2006.01 )  
 H01M 10/44 ( 2006.01 )  
 (31) 16/536,419 (32) 09.08.19 (33) US  
 (45) 17.09.2020  
 (72) ROWE, Tyler J.  
 (74) Griffith Hack

Tewari, R. see Dadheech, P.  
 (21) 2020101719

(71) The Fourth Research and Design Engineering Corporation of China National Nuclear Corporation  
 (11) AU-A-2020101675  
 (21) 2020101675 (22) 05.08.2020  
 (54) ENVIRONMENTAL PROTECTION DEVICE FOR CONSTRUCTION SEWAGE TREATMENT  
 (51) Int. Cl.  
 C02F 9/00 ( 2006.01 )  
 C02F 1/00 ( 2006.01 )  
 C02F 11/02 ( 2006.01 )  
 C02F 11/121 ( 2019.01 )  
 (31) 202010620970.7 (32) 30.06.20 (33) CN  
 (45) 17.09.2020  
 (72) Zhang, Yan; Zhang, Yanlin; Wang, Yongqiang  
 (74) Alder IP Pty Ltd

(71) The Second Affiliated Hospital of Shandong First Medical University  
 (11) AU-A-2020101650  
 (21) 2020101650 (22) 04.08.2020  
 (54) A Drug for Treating Acute Urinary System Infection and Its Preparation Method  
 (51) Int. Cl.  
 A61P 13/02 ( 2006.01 )  
 A61K 9/08 ( 2006.01 )  
 A61K 9/107 ( 2006.01 )  
 A61K 31/201 ( 2006.01 )  
 A61K 31/7016 ( 2006.01 )  
 A61K 36/533 ( 2006.01 )  
 A61K 36/748 ( 2006.01 )  
 A61K 36/899 ( 2006.01 )  
 A61K 47/26 ( 2006.01 )  
 A61P 31/00 ( 2006.01 )  
 (45) 17.09.2020  
 (72) LI, Xiangqi; WANG, Ying; WANG, Keqi-ang  
 (74) WRAYS PTY LTD

(71) Tianjin Agricultural University  
 (11) AU-A-2020101711  
 (21) 2020101711 (22) 07.08.2020  
 (54) A CULTURE MEDIUM FOR CULTURING CHLORELLA WITH HIGH EFFICIENCY AND PRACTICABILITY AND APPLICATION THEREOF  
 (51) Int. Cl.  
 C12N 1/12 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Zhang, Shulin; Dai, Wei; Zhang, Dajuan; Bi, Xiangdong; Wang, Zebin  
 (74) Madderns Pty Ltd

(71) Tobacco Research Institute of Chinese Academy of Agricultural Sciences  
 (11) AU-A-2020101766  
 (21) 2020101766 (22) 11.08.2020  
 (54) Manufacturing method and application of biological fertilizer prepared by kelp residue and bacillus  
 (51) Int. Cl.  
 C05F 17/00 ( 2020.01 )  
 C05F 11/00 ( 2006.01 )  
 (31) 201911074826.1 (32) 06.11.19 (33) CN  
 (45) 17.09.2020  
 (72) LI, Yiqiang; YUAN, Yuan; ZHANG, Chengsheng; WANG, Xiaoqiang; ZOU, Ping; GENG, Yuting; ZHOU, Jinhui  
 (74) Spruson & Ferguson

(71) Tongji University  
 (11) AU-A-2020101661  
 (21) 2020101661 (22) 04.08.2020  
 (54) A device and method for simultaneous recovery of nitrogen and phosphorus from biogas slurry  
 (51) Int. Cl.  
 C02F 11/00 ( 2006.01 )  
 C02F 11/143 ( 2019.01 )  
 C02F 11/18 ( 2006.01 )  
 (45) 17.09.2020  
 (72) Dai, Xiaohu; Yang, Donghai; Hua, Yu; Yang, Dianhai  
 (74) Alder IP Pty Ltd

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

(71) Tongji University  
 (11) AU-A-2020101669  
 (21) 2020101669 (22) 05.08.2020  
 (54) Resource-based process for simultaneously recovering nitrogen and phosphorus from anaerobic digested sludge  
 (51) Int. Cl.  
**C02F 11/122** ( 2019.01 )  
**C02F 11/143** ( 2019.01 )  
 (45) 17.09.2020  
 (72) Dai, Xiaohu; Ding, Yanyan; Hua, Yu; Yang, Donghai; Yu, Hongyu  
 (74) Alder IP Pty Ltd

Umar, M.M. see P, M.  
 (21) 2020101729

(71) Unikode Group Pty Ltd  
 (11) AU-A-2020101801  
 (21) 2020101801 (22) 13.08.2020  
 (54) Air Purifier Having Toilet Brush Storage Structure  
 (51) Int. Cl.  
**A47K 17/00** ( 2006.01 )  
**A46B 17/00** ( 2006.01 )  
**A61L 9/12** ( 2006.01 )  
**A61L 9/18** ( 2006.01 )  
**A61L 9/22** ( 2006.01 )  
 (45) 17.09.2020  
 (72) CHEN, Yifei  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) University of Electronic Science and Technology of China  
 (11) AU-A-2020101803  
 (21) 2020101803 (22) 13.08.2020  
 (54) Method for Optimizing the Coding Block-Level Lagrange Multiplier of Longitude-Latitude Image  
 (51) Int. Cl.  
**H04N 19/154** ( 2014.01 )  
**H04N 19/19** ( 2014.01 )  
 (45) 17.09.2020  
 (62) PCT/CN2019/072822  
 (72) ZHOU, Yimin; CHENG, Xueli; HUANG, Hang; LENG, Longtao; WANG, Hongyu  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) University of Science and Technology Beijing  
 (11) AU-A-2020101723  
 (21) 2020101723 (22) 07.08.2020  
 (54) Foamed ceramics and preparation method thereof  
 (51) Int. Cl.  
**C04B 38/00** ( 2006.01 )  
**C04B 35/622** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Zhang, Siqi; Li, Keqing; Wang, Hongyu; Ni, Wen; Wu, Pengfei; Yu, Kuopei  
 (74) Alder IP Pty Ltd

(71) University of Science and Technology Beijing  
 (11) AU-A-2020101744  
 (21) 2020101744 (22) 10.08.2020  
 (54) A Zn-Ga series alloy and its preparation method and application  
 (51) Int. Cl.  
**C22C 18/00** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
**A61F 2/28** ( 2006.01 )  
**A61F 2/82** ( 2013.01 )  
**A61L 27/04** ( 2006.01 )  
**A61L 31/02** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Li, Huafang; Zheng, Yixing; Wang, Luning  
 (74) Alder IP Pty Ltd

(71) University of South China; Xinjiang Tianshan Uranium Co.,Ltd.CNNC  
 (11) AU-A-2020101726  
 (21) 2020101726 (22) 07.08.2020  
 (54) A method of in-situ leaching of Fe<sup>2+</sup> from uranium solution by acid oxidation at low temperature by psychrophilic acidophilic bacteria  
 (51) Int. Cl.  
**C22B 3/18** ( 2006.01 )  
**C22B 3/02** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Wang, Qingliang; Hu, Eming; Li, Qian; Chen, Peng; Wang, Hongqiang; Yang, Yihan; Xu, Yiqun; Li, De; Yu, Changgui; Li, Peng  
 (74) Alder IP Pty Ltd

Upadhyaya, N. see Midasal, V.  
 (21) 2020101765

V, R. see M, S.K.  
 (21) 2020101706

V, B. see M, S.K.  
 (21) 2020101706

VELUSAMY, S. see M, S.K.  
 (21) 2020101706

(71) WARBURTON TAGS & LABELS LIMITED  
 (11) AU-A-2020101772  
 (21) 2020101772 (22) 12.08.2020  
 (54) Improved applicator that automatically affixes tags to penetrable surfaces  
 (51) Int. Cl.  
**B65C 5/06** ( 2006.01 )  
**B65C 9/08** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Kevin, Smith  
 (74) CreatelIP

(71) WTA - Watanabe Tecnologia Aplicada Eirele - EPP  
 (11) AU-A-2020101800

(21) 2020101800 (22) 13.08.2020  
 (54) Automatically adjustable device for affixing to the nose of animals  
 (51) Int. Cl.  
**A61D 7/00** ( 2006.01 )  
**A01K 15/00** ( 2006.01 )  
 (45) 17.09.2020  
 (62) 2018382231  
 (72) Yoshime Watanabe, Osnrir  
 (74) Shelston IP Pty Ltd.

(71) Wuhan University of Technology  
 (11) AU-A-2020101759  
 (21) 2020101759 (22) 11.08.2020  
 (54) HIGH-TEMPERATURE-RESISTANT CERAMIZABLE CEMENT-BASED MATERIAL AND PREPARATION METHOD THEREOF  
 (51) Int. Cl.  
**C04B 7/14** ( 2006.01 )  
 (31) 202010673384.9 (32) 14.07.20 (33) CN  
 (45) 17.09.2020  
 (72) Chen, Wei; Li, Qiu  
 (74) Madderns Pty Ltd

Xinjiang Tianshan Uranium Co.,Ltd.CNNC see University of South China  
 (21) 2020101726

(71) Xinxiang Yueheng Electronic Information Technology Co., Ltd  
 (11) AU-A-2020101799  
 (21) 2020101799 (22) 13.08.2020  
 (54) Bluetooth Headset Charging Box  
 (51) Int. Cl.  
**H04R 1/10** ( 2006.01 )  
 (31) 202021599149.3 (32) 05.08.20 (33) CN  
 (45) 17.09.2020  
 (72) LIU, Xiaoyang  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
 (11) AU-A-2020101621  
 (21) 2020101621 (22) 03.08.2020  
 (54) SMART HOME ANTI-THEFT SYSTEM  
 (51) Int. Cl.  
**G08B 13/19** ( 2006.01 )  
**E05B 45/12** ( 2006.01 )  
**E06B 5/11** ( 2006.01 )  
 (45) 17.09.2020  
 (72) Zhang, Qun; Xu, Weiwei; Xue, Chuan-dong; Ding, Feng  
 (74) Remarkable IP

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
 (11) AU-A-2020101793  
 (21) 2020101793 (22) 13.08.2020  
 (54) TEST DEVICE FOR TESTING BOND STRENGTH OF REINFORCED CONCRETE  
 (51) Int. Cl.  
**G01N 33/38** ( 2006.01 )  
**G01N 3/08** ( 2006.01 )

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

(31) 2020107618693 (32) 31.07.20 (33) CN  
 (45) 17.09.2020  
 (72) LI, Bing; MA, Chao; ZHANG, Lianying;  
 LI, Yan; ZHU, Jiong; YU, Yang; QIU,  
 Peitao; CHAO, Bing; SHA, Yuyao  
 (74) FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

*F24D 17/02* ( 2006.01 )  
*F24D 19/10* ( 2006.01 )  
*F24H 4/04* ( 2006.01 )  
*G06Q 50/06* ( 2012.01 )  
 (45) 17.09.2020  
 (72) Jia, Limin; Hu, Shunli; Ru, Hangli; Zhang,  
 Jinli; Xu, Ting; Guo, Qiang; Miao, Lingjun;  
 Ding, Xinzhu; Yao, Qi; Huang, Huan  
 (74) Alder IP Pty Ltd

(71) XUZHOU UNIVERSITY OF TECHNO-  
 LOGY  
 (11) AU-A-2020101796  
 (21) 2020101796 (22) 13.08.2020  
 (54) SPECIMEN PREPARATION MOLD FOR  
 ANTI-CORROSION TEST OF REIN-  
 FORCEMENT BAR  
 (51) Int. Cl.  
*B28B 7/08* ( 2006.01 )  
*B28B 7/22* ( 2006.01 )  
 (31) 2020215621231 (32) 31.07.20 (33) CN  
 (45) 17.09.2020  
 (72) ZHANG, Lianying; LI, Bing; MA, Chao;  
 ZHANG, Zhongqiang; YU, Yang; ZHU,  
 Jiong; QIU, Peitao; CHAO, Bing; ZHANG,  
 Zhuang  
 (74) FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

(71) Zhejiang University  
 (11) AU-A-2020101709  
 (21) 2020101709 (22) 07.08.2020  
 (54) Crop yield prediction method and system  
 based on low-altitude remote sensing in-  
 formation from unmanned aerial vehicle  
 (51) Int. Cl.  
*A01G 22/00* ( 2018.01 )  
*B64C 39/02* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
*G06K 9/46* ( 2006.01 )  
 (31) 202010417855.X (32) 18.05.20 (33) CN  
 (45) 17.09.2020  
 (72) LIU, Fei; KONG, Wenwen; HE, Yong;  
 ZHOU, Jun; GUO, Han; SHEN, Jiangang  
 (74) Davies Collison Cave Pty Ltd

Y, A.N. see P, M.  
 (21) 2020101729

(71) Yangzhou University  
 (11) AU-A-2020101725  
 (21) 2020101725 (22) 07.08.2020  
 (54) A self-balance truss joint test device and a  
 test method thereof  
 (51) Int. Cl.  
*G01M 99/00* ( 2011.01 )  
 (45) 17.09.2020  
 (72) Liu, Yan; Wang, Haida; Tang, Shukai; She,  
 Chengang; Ma, Hongwei; Song, Xingyu;  
 Guo, Yanfei; Jia, Wenbo  
 (74) Alder IP Pty Ltd

(71) Yantai Wenjin Intelligent Equipment Co.,  
 Ltd  
 (11) AU-A-2020101710  
 (21) 2020101710 (22) 07.08.2020  
 (54) NOVEL BIDIRECTIONAL-DRIVING  
 AGRICULTURAL VEHICLE WITH  
 AUTOMATIC LOADING-UNLOADING  
 FUNCTION  
 (51) Int. Cl.  
*A01B 69/00* ( 2006.01 )  
*B66F 9/06* ( 2006.01 )  
*G05D 1/02* ( 2020.01 )  
 (31) 201911124609.9 (32) 18.11.19 (33) CN  
 (45) 17.09.2020  
 (72) Sun, Dacheng; Sun, Wenjin; Mou, Zhilei  
 (74) Madderns Pty Ltd

(71) Zhejiang Nipudun Technology Co., Ltd  
 (11) AU-A-2020101722  
 (21) 2020101722 (22) 07.08.2020  
 (54) A hot water control and management sys-  
 tem  
 (51) Int. Cl.

Numerical Index

|                   |  |                   |  |
|-------------------|--|-------------------|--|
| <b>2016102447</b> | Peat, D.   | <b>2020101734</b> | cupples, t.  |
| <b>2018102176</b> | Nanjing University of Science and Technology   | <b>2020101735</b> | Moga, D.   |
| <b>2020101497</b> | Anhui University of Technology   | <b>2020101736</b> | Liaoning University of Science and Technology  |
| <b>2020101581</b> | B, R.S.R.; M, S.K.; Srinivas, K.; Rani, B.K.; M, V.R.; Patra, R.K.; D, A.R.; Ampavathi, A.; G, M.; Rage, K.  | <b>2020101738</b> | Kollapudi, P.C.; Annapu Reddy, B.R.; Manike, C.; P, S.; M V, N.; Kavadi, D.P.  |
| <b>2020101602</b> | Anhui Science And Technology University  | <b>2020101739</b> | Liu, P.  |
| <b>2020101605</b> | Beijing Normal University  | <b>2020101740</b> | Guilin university of technology  |
| <b>2020101616</b> | Northeast Petroleum University   | <b>2020101742</b> | Razer (Asia-Pacific) Pte. Ltd.   |
| <b>2020101621</b> | XUZHOU UNIVERSITY OF TECHNOLOGY  | <b>2020101743</b> | RI PTY LTD   |
| <b>2020101642</b> | China University of Geosciences, Beijing   | <b>2020101744</b> | University of Science and Technology Beijing   |
| <b>2020101650</b> | The Second Affiliated Hospital of Shandong First Medical University  | <b>2020101745</b> | GOLDEN WARP PTY LTD; Sharma, R.  |
| <b>2020101654</b> | Concrete Posts and Pickets Pty Ltd   | <b>2020101746</b> | Techtronic Cordless GP   |
| <b>2020101661</b> | Tongji University  | <b>2020101747</b> | Techtronic Cordless GP   |
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| <b>2020101670</b> | Heaney, P.   | <b>2020101751</b> | Techtronic Cordless GP   |
| <b>2020101675</b> | The Fourth Research and Design Engineering Corporation of China National Nuclear Corporation   | <b>2020101752</b> | Techtronic Cordless GP   |
| <b>2020101680</b> | Shanghai University  | <b>2020101753</b> | Techtronic Cordless GP   |
| <b>2020101692</b> | Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences   | <b>2020101754</b> | Sichuan Agricultural University  |
| <b>2020101699</b> | Qilu University of Technology  | <b>2020101755</b> | Institute of Cotton Research of CAAS   |
| <b>2020101700</b> | Qilu University of Technology  | <b>2020101756</b> | Special Specialty Products Institute of China Agricultural Sciences Academy  |
| <b>2020101702</b> | Chinese Research Academy of Environmental Sciences   | <b>2020101757</b> | Liu, P.  |
| <b>2020101703</b> | Chinese Research Academy of Environmental Sciences   | <b>2020101758</b> | Baotou Medical College of Inner Mongolia University of Science & Technology  |
| <b>2020101704</b> | Guangxi Grain and Oil Science Research Institute Co.,Ltd.  | <b>2020101759</b> | Wuhan University of Technology   |
| <b>2020101705</b> | Harbin Engineering University  | <b>2020101761</b> | NANJING UNIVERSITY OF SCIENCE & TECHNOLOGY   |
| <b>2020101706</b> | M, S.K.; K, P.; M, N.K.; V, R.; LEEMA, A.; K, K.; VELUSAMY, S.; R, V.; V, B.   | <b>2020101762</b> | Dalian University of Technology  |
| <b>2020101707</b> | Australian Portable Toilets Pty Ltd  | <b>2020101763</b> | Institute of Animal Husbandry and Veterinary, Hubei Academy of Agricultural Sciences   |
| <b>2020101708</b> | Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences   | <b>2020101764</b> | Nanjing Institute for Comprehensive Utilization of Wild Plants, CHINA CO-OP  |
| <b>2020101709</b> | Zhejiang University  | <b>2020101765</b> | Midasal, V.; Kshirsagar, P.R.; Chaitanya, D.V.S.R.K.; Bhavanam, S.N.; Gulati, K.; Babu, G.V.S.; Fakh, A.H.; Gomathi, S.S.; Kumar, M.P.; Upadhyaya, N.; Kamble, S.R.; Bangar, P.; Kumar, R.; Bairwa, A.K.; Bairwa, K.N. |
| <b>2020101710</b> | Yantai Wenjin Intelligent Equipment Co., Ltd   | <b>2020101766</b> | Tobacco Research Institute of Chinese Academy of Agricultural Sciences   |
| <b>2020101711</b> | Tianjin Agricultural University  | <b>2020101767</b> | Nanjing Forestry University; Technical Center for Animal Plant and Food Inspection and Quarantine, Shanghai Customs  |
| <b>2020101712</b> | Beihang University   | <b>2020101768</b> | Beihang University   |
| <b>2020101713</b> | Hao, G.Q.  | <b>2020101769</b> | Beihang University   |
| <b>2020101714</b> | Institute of Wolfberry Engineering Technology, Ningxia Academy of Agriculture and Forestry Sciences  | <b>2020101770</b> | Panasonic Appliances Cold Chain (Dalian) Co., Ltd.   |
| <b>2020101715</b> | Apple Inc.   | <b>2020101772</b> | WARBURTON TAGS & LABELS LIMITED  |
| <b>2020101716</b> | Gansu Agricultural University  | <b>2020101773</b> | Dylgjeri, L.   |
| <b>2020101717</b> | Sunrise Smart Build-IT Co.,Ltd   | <b>2020101776</b> | Dalian Jiaotong University   |
| <b>2020101718</b> | Nanjing Forestry University; Nanjing Kaisheng Architectural Design and Research Institute Co., Ltd.; Jiangsu Jianbo Engineering Quality Appraisal and Testing Co., Ltd.                    | <b>2020101777</b> | Koala Sleep Pty Ltd  |
| <b>2020101719</b> | Dadheech, P.; Kshirsagar, P.R.; Devaru, S.D.B.; Patil, S.S.; Chaturvedi, R.; Kumar, L.; Mohan, A.; Ray, A.P.; Aljabr, A.A.; Kumar, K.; Tewari, R.; Islam, S.; Gulati, K.; Neeli, J.; H, G. | <b>2020101778</b> | NUC Electronics Co., Ltd; Kim, J.T.  |
| <b>2020101720</b> | Guangxi Veterinary Research Institute  | <b>2020101779</b> | Shanghai Jiao Tong University; Shenzhen Hubio Biotechnology Co. LTD  |
| <b>2020101721</b> | Qingdao Agricultural University  | <b>2020101780</b> | Apex Leisure Pty Ltd   |
| <b>2020101722</b> | Zhejiang Nipudun Technology Co., Ltd   | <b>2020101781</b> | Pilbara Conveyor Supplies Pty Ltd  |
| <b>2020101723</b> | University of Science and Technology Beijing   | <b>2020101782</b> | Beijing Jiaotong University  |
| <b>2020101725</b> | Yangzhou University  | <b>2020101784</b> | Guangxi Subtropical Crops Research Institute (Guangxi Subtropical Agricultural Products Processing Research Institute)   |
| <b>2020101726</b> | University of South China; Xinjiang Tianshan Uranium Co.,Ltd.CNNC  | <b>2020101785</b> | Changsha University of Science & Technology  |
| <b>2020101727</b> | Jiangnan University  | <b>2020101787</b> | Rajeyyagari, S.; Khan, N.A.; Ahmad, M.; Khalid, M.N.; Siddiqi, A.M.U.; Rashid, K.A.; Ahamad, D.; Alotaibi, A.S.  |
| <b>2020101728</b> | Sharma, M.; Kumar, A.; Balusamy, B.; Sharma, R.; Chaudhary, S.; Shankar, L.; Kumar, S.; N, G.; Kallam, S.  | <b>2020101788</b> | Killmount Pty Ltd  |
| <b>2020101729</b> | P, M.; R, U.; Devasenapathy, D.; Ramashini, M.; Umar, M.M.; M R, S.; Banerjee, I.; Y, A.N.; Babuprasad, S.; S, B.K.  | <b>2020101789</b> | DGGURU LEARNING SOLUTIONS PRIVATE LIMITED  |
| <b>2020101730</b> | Padole, M.; Kanani, P.   | <b>2020101790</b> | A, S.; P, A.; R.M, G.; S, P.; Rajkumar, I.   |
| <b>2020101731</b> | Liaoning University of Science and Technology  | <b>2020101791</b> | Mitsubishi Heavy Industries Thermal Systems, Ltd.  |
| <b>2020101732</b> | Liaoning University of Science and Technology  | <b>2020101792</b> | Jiamusi University   |
| <b>2020101733</b> | P, S.; R, P.; A, S.; M, S.; G M, K.; A, R.S.; JACKSON TOM, R.; GEORGE, G.  | <b>2020101793</b> | XUZHOU UNIVERSITY OF TECHNOLOGY  |
|                   |  | <b>2020101794</b> | GUIZHOU UNIVERSITY   |
|                   |  | <b>2020101795</b> | GUIZHOU UNIVERSITY   |
|                   |  | <b>2020101796</b> | XUZHOU UNIVERSITY OF TECHNOLOGY  |

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**2020101798** Hezhang Liming Mining Co. LTD  
**2020101799** Xinxiang Yueheng Electronic Information Technology Co.,  
Ltd  
**2020101800** WTA - Watanabe Tecnologia Aplicada Eirele - EPP  
**2020101801** Unikode Group Pty Ltd  
**2020101802** Binzhou University  
**2020101803** University of Electronic Science and Technology of China  
**2020101804** Qilu University of Technology  
**2020101805** OXTI CORPORATION  
**2020101806** Qilu University of Technology  
**2020101807** OXTI CORPORATION  
**2020101808** Qilu University of Technology  
**2020101809** China University of Geosciences, Beijing  
**2020101810** BFRE Pty Ltd as Trustee  
**2020101814** Hefei University of Technology  
**2020101815** Institute of Geology and Geophysics, Chinese Academy of  
Sciences



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| 2020101740<br>2020101764               | 2020101744                             | <b><u>A61K 9 /-</u></b>                | 2020101796                             | 2020101795                             | 2020101806<br>2020101808  |
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PCT applications which have entered the National Phase

Name Index

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

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|---|--|--|
| <p>(71) 463IP partners, LLC<br/>                     (11) AU-A-2019227917<br/>                     (21) 2019227917 (22) 28.02.2019<br/>                     (54) Microencapsulated products, clear solutions thereof, and methods of making<br/>                     (51) Int. Cl.<br/>                     A23L 2/52 ( 2006.01 )<br/>                     (87) WO2019/169167<br/>                     (31) 62/637,258 (32) 01.03.18 (33) US<br/>                     (43) 06.09.2019<br/>                     (72) GROCHOSKI, Gregory Thomas<br/>                     (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) 4SC AG<br/>                     (11) AU-A-2019246140<br/>                     (21) 2019246140 (22) 26.03.2019<br/>                     (54) Combination comprising HDAC inhibitor and CD137 agonist for cancer therapy<br/>                     (51) Int. Cl.<br/>                     A61K 31/40 ( 2006.01 )<br/>                     A61K 39/395 ( 2006.01 )<br/>                     A61P 35/00 ( 2006.01 )<br/>                     (87) WO2019/185598<br/>                     (31) 18163896.6 (32) 26.03.18 (33) EP<br/>                     (43) 03.10.2019<br/>                     (72) HAMM, Svetlana<br/>                     (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) 915 Labs, LLC<br/>                     (11) AU-A-2019228627<br/>                     (21) 2019228627 (22) 01.03.2019<br/>                     (54) Method for controlling microwave heating systems<br/>                     (51) Int. Cl.<br/>                     H05B 6/64 ( 2006.01 )<br/>                     H05B 6/78 ( 2006.01 )<br/>                     H05B 6/80 ( 2006.01 )<br/>                     (87) WO2019/169265<br/>                     (31) 62/636,886 (32) 01.03.18 (33) US<br/>                     (43) 06.09.2019<br/>                     (72) MAGANA, Moses Alexander<br/>                     (74) Baldwins Intellectual Property</p> <hr/> <p>(71) Abiomed Europe GmbH<br/>                     (11) AU-A-2019239596<br/>                     (21) 2019239596 (22) 20.03.2019<br/>                     (54) Intravascular blood pump with ceramic inner sleeve<br/>                     (51) Int. Cl.<br/>                     A61M 1/10 ( 2006.01 )<br/>                     A61M 1/12 ( 2006.01 )<br/>                     (87) WO2019/180104<br/>                     (31) 18163761.2 (32) 23.03.18 (33) EP<br/>                     (43) 26.09.2019<br/>                     (72) KERKHOFFS, Wolfgang; SIESS, Thorsten<br/>                     (74) Shelston IP Pty Ltd.</p> <hr/> | <p>(71) Ablynx NV<br/>                     (11) AU-A-2019217584<br/>                     (21) 2019217584 (22) 06.02.2019<br/>                     (54) Methods of treating initial episode of TTP with immunoglobulin single variable domains<br/>                     (51) Int. Cl.<br/>                     C07K 16/36 ( 2006.01 )<br/>                     A61K 39/395 ( 2006.01 )<br/>                     A61P 7/02 ( 2006.01 )<br/>                     (87) WO2019/154867<br/>                     (31) 62/662,381 (32) 25.04.18 (33) US<br/>                     62/627,082 06.02.18 US<br/>                     (43) 15.08.2019<br/>                     (72) CALLEWAERT, Filip; DE WINTER, Hilde<br/>                     (74) Griffith Hack</p> <hr/> <p>(71) Abrado, Inc.<br/>                     (11) AU-A-2019223074<br/>                     (21) 2019223074 (22) 20.02.2019<br/>                     (54) Downhole tubular section mill<br/>                     (51) Int. Cl.<br/>                     E21B 7/00 ( 2006.01 )<br/>                     B23B 5/00 ( 2006.01 )<br/>                     E21B 7/28 ( 2006.01 )<br/>                     E21B 23/00 ( 2006.01 )<br/>                     E21B 47/00 ( 2012.01 )<br/>                     E21B 49/00 ( 2006.01 )<br/>                     (87) WO2019/164889<br/>                     (31) 62/632,509 (32) 20.02.18 (33) US<br/>                     (43) 29.08.2019<br/>                     (72) RUTTLEY, David J.; WYANT, Thomas<br/>                     (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Access Virtual, LLC<br/>                     (11) AU-A-2019215229<br/>                     (21) 2019215229 (22) 04.02.2019<br/>                     (54) Virtual reality based pilot training system<br/>                     (51) Int. Cl.<br/>                     G09B 9/04 ( 2006.01 )<br/>                     G09B 9/08 ( 2006.01 )<br/>                     G09B 9/12 ( 2006.01 )<br/>                     G09B 9/14 ( 2006.01 )<br/>                     G09B 9/30 ( 2006.01 )<br/>                     (87) WO2019/152938<br/>                     (31) 62/625,658 (32) 02.02.18 (33) US<br/>                     (43) 08.08.2019<br/>                     (72) LIBERATORE, Paul; URCHEK, David<br/>                     (74) Fraser Old &amp; Sohn</p> <hr/> <p>(71) Adagene Inc.<br/>                     (11) AU-A-2019214188<br/>                     (21) 2019214188 (22) 02.02.2019<br/>                     (54) Anti-CTLA4 antibodies and methods of making and using the same<br/>                     (51) Int. Cl.<br/>                     C07K 16/42 ( 2006.01 )<br/>                     A61K 39/395 ( 2006.01 )<br/>                     A61P 35/00 ( 2006.01 )<br/>                     C07K 14/00 ( 2006.01 )</p> | <p>(87) WO2019/149281<br/>                     (31) PCT/ (32) 02.02.18 (33) CN<br/>                     CN2018/075064<br/>                     (43) 08.08.2019<br/>                     (72) LUO, Peter Peizhi; DU, Fangyong; PAN, Zhongzong; LIU, Guizhong<br/>                     (74) AJ PARK</p> <hr/> <p>(71) Adagene Inc.<br/>                     (11) AU-A-2019214189<br/>                     (21) 2019214189 (22) 02.02.2019<br/>                     (54) Activatable antibodies and methods of making and using thereof<br/>                     (51) Int. Cl.<br/>                     C07K 14/00 ( 2006.01 )<br/>                     A61K 39/395 ( 2006.01 )<br/>                     A61P 35/00 ( 2006.01 )<br/>                     (87) WO2019/149282<br/>                     (31) PCT/ (32) 02.02.18 (33) CN<br/>                     CN2018/075065<br/>                     (43) 08.08.2019<br/>                     (72) DU, Fangyong; LUO, Peter Peizhi<br/>                     (74) AJ PARK</p> <hr/> <p>(71) Advanced Aesthetic Technologies, Inc.<br/>                     (11) AU-A-2019225742<br/>                     (21) 2019225742 (22) 20.02.2019<br/>                     (54) High concentration hydrogels and related methods<br/>                     (51) Int. Cl.<br/>                     A61L 27/52 ( 2006.01 )<br/>                     A61K 38/01 ( 2006.01 )<br/>                     A61L 26/00 ( 2006.01 )<br/>                     A61L 27/14 ( 2006.01 )<br/>                     A61L 27/36 ( 2006.01 )<br/>                     (87) WO2019/164931<br/>                     (31) 62/632,690 (32) 20.02.18 (33) US<br/>                     (43) 29.08.2019<br/>                     (72) PROVONCHEE, Richard; BURTT, Richard<br/>                     (74) Wallington-Dummer</p> <hr/> <p>(71) Advanced Fleet Signs Pty Ltd<br/>                     (11) AU-A-2020207784<br/>                     (21) 2020207784 (22) 10.06.2020<br/>                     (54) Sign module<br/>                     (51) Int. Cl.<br/>                     G09F 7/02 ( 2006.01 )<br/>                     G09F 13/06 ( 2006.01 )<br/>                     G09F 13/10 ( 2006.01 )<br/>                     (31) 2019902037 (32) 12.06.19 (33) AU<br/>                     (43) 17.09.2020<br/>                     (72) KHOURY, Edward Joseph<br/>                     (74) Armour IP Pty Ltd</p> <hr/> <p>(71) AE Investment Nominees Pty Ltd<br/>                     (11) AU-A-2019225457<br/>                     (21) 2019225457 (22) 26.02.2019<br/>                     (54) A method and system for monitoring the status of an IT infrastructure</p> |
|---|--|--|

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

- (51) Int. Cl.  
**G06F 11/30** ( 2006.01 )
- (87) WO2019/161461  
(31) 2018900604 (32) 26.02.18 (33) AU  
(43) 29.08.2019  
(72) ELDEMALLAWY, Ayman  
(74) Griffith Hack
- 
- (71) Ahrma Holding B.V.  
(11) AU-A-2019211016  
(21) 2019211016 (22) 25.01.2019  
(54) Pallet with integrated weighing function  
(51) Int. Cl.  
**G01G 19/52** ( 2006.01 )  
**G01G 23/37** ( 2006.01 )
- (87) WO2019/147130  
(31) 2020327 (32) 26.01.18 (33) NL  
(43) 01.08.2019  
(72) EKKEL, Frederik  
(74) Griffith Hack
- 
- (71) Alarm.com Incorporated  
(11) AU-A-2019227915  
(21) 2019227915 (22) 28.02.2019  
(54) Monitoring of pet status during unattended delivery  
(51) Int. Cl.  
**H04N 7/18** ( 2006.01 )  
**A01K 15/00** ( 2006.01 )  
**A01K 27/00** ( 2006.01 )  
**G01S 5/00** ( 2006.01 )  
**G08B 13/00** ( 2006.01 )
- (87) WO2019/169164  
(31) 62/636,499 (32) 28.02.18 (33) US  
(43) 06.09.2019  
(72) BEDELL, Jeffrey A.; KINNEY, Abraham Joseph; BAUER, Jace Jawn; CORRENTI, Matthew Daniel; PICARDI, Robert Nathan  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Alarm.com Incorporated  
(11) AU-A-2019231258  
(21) 2019231258 (22) 05.03.2019  
(54) System and method for preventing false alarms due to display images  
(51) Int. Cl.  
**G08B 13/196** ( 2006.01 )
- (87) WO2019/173404  
(31) 62/638,924 (32) 05.03.18 (33) US  
(43) 12.09.2019  
(72) HUTZ, David James; MADDEN, Donald  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203848  
(21) 2019203848 (22) 01.03.2019  
(54) Methods and devices for protecting sensitive data of transaction activity based on smart contract in blockchain  
(51) Int. Cl.  
**G06F 21/64** ( 2013.01 )
- (87) WO2019/101228  
(43) 31.05.2019  
(72) Cheng, Long; Li, Yanpeng  
(74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203849  
(21) 2019203849 (22) 04.03.2019  
(54) Updating blockchain world state merkle patricia trie subtree  
(51) Int. Cl.  
**G06F 16/22** ( 2019.01 )
- (87) WO2019/101229  
(43) 31.05.2019  
(72) Zhang, Wenbin  
(74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203850  
(21) 2019203850 (22) 04.03.2019  
(54) Constructing blockchain world state merkle patricia trie subtree  
(51) Int. Cl.  
**G06F 16/22** ( 2019.01 )
- (87) WO2019/101230  
(43) 31.05.2019  
(72) Zhang, Wenbin  
(74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203851  
(21) 2019203851 (22) 04.03.2019  
(54) Methods and devices for processing certificates in blockchain system  
(51) Int. Cl.  
**G06F 21/00** ( 2013.01 )
- (87) WO2019/101231  
(43) 31.05.2019  
(72) Cheng, Long; Li, Yanpeng  
(74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203852  
(21) 2019203852 (22) 04.03.2019  
(54) Methods and devices for providing transaction data to blockchain system for processing  
(51) Int. Cl.  
**G06Q 30/06** ( 2012.01 )
- (87) WO2019/101232  
(43) 31.05.2019  
(72) Cheng, Long; Li, Yanpeng  
(74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
(11) AU-A-2019203853  
(21) 2019203853 (22) 04.03.2019  
(54) Property management system utilizing a blockchain network  
(51) Int. Cl.  
**H04L 9/32** ( 2006.01 )
- (87) WO2019/101233  
(43) 31.05.2019  
(72) Li, Yanpeng  
(74) Spruson & Ferguson
- 
- (71) Alkermes Pharma Ireland Limited; Von Moltke, L.; Weiden, P.; Hard, M.  
(11) AU-A-2019230014  
(21) 2019230014 (22) 04.03.2019  
(54) Aripiprazole dosing strategy  
(51) Int. Cl.  
**A61K 31/496** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )
- (87) WO2019/173230  
(31) 62/638,587 (32) 05.03.18 (33) US  
(43) 12.09.2019  
(72) VON MOLTKE, Lisa; WEIDEN, Peter; HARD, Marjie  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ALX Oncology Inc.  
(11) AU-A-2019240111  
(21) 2019240111 (22) 20.03.2019  
(54) Antibodies against signal-regulatory protein alpha and methods of use  
(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )
- (87) WO2019/183266  
(31) 62/646,210 (32) 21.03.18 (33) US  
(43) 26.09.2019  
(72) PONS, Jaume; SIM, Bang Janet; WAN, Hong; KUO, Tracy Chia-Chien  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Americorp Investments LLC  
(11) AU-A-2019231692  
(21) 2019231692 (22) 06.03.2019  
(54) Customized view of restricted information recorded into a blockchain  
(51) Int. Cl.  
**H04L 29/06** ( 2006.01 )
- (87) WO2019/173519  
(31) 62/701,947 (32) 23.07.18 (33) US  
62/639,393 06.03.18 US  
(43) 12.09.2019  
(72) SIMONS, Jordan  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Amgen Inc.  
(11) AU-A-2019243595  
(21) 2019243595 (22) 29.03.2019  
(54) C-terminal antibody variants  
(51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**C07K 16/22** ( 2006.01 )
- (87) WO2019/191534  
(31) 62/812,741 (32) 01.03.19 (33) US  
62/650,762 30.03.18 US  
(43) 03.10.2019  
(72) HUANG, Zhe; STEVENS, Jennitte LeAnn; FLYNN, Gregory; FODOR, Szilan; DARRIS, Mark  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Amgen Inc.  
(11) AU-A-2019243848  
(21) 2019243848 (22) 26.03.2019  
(54) Total afucosylated glycoforms of antibodies produced in cell culture

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

- (51) Int. Cl.  
**C12P 21/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )
- (87) WO2019/191150  
(31) 62/648,308 (32) 26.03.18 (33) US  
(43) 03.10.2019  
(72) BHEBE, Prince; JERUMS, Matthew; LIU, Irene; KUNAS, Kurt  
(74) Spruson & Ferguson
- 
- (71) Antheia, Inc.  
(11) AU-A-2019216948  
(21) 2019216948 (22) 08.02.2019  
(54) Methods of producing morphinan alkaloids and derivatives
- (51) Int. Cl.  
**C12N 15/52** ( 2006.01 )  
**C12P 17/18** ( 2006.01 )
- (87) WO2019/157383  
(31) 62/628,264 (32) 08.02.18 (33) US  
(43) 15.08.2019  
(72) SMOLKE, Christina D.; TRENCHARD, Isis; HAWKINS, Kristy M.; THODEY, Catherine  
(74) FB Rice Pty Ltd
- 
- (71) Aptinyx Inc.  
(11) AU-A-2019215049  
(21) 2019215049 (22) 31.01.2019  
(54) Spiro-lactam NMDA receptor modulators and uses thereof
- (51) Int. Cl.  
**C07D 471/10** ( 2006.01 )  
**A61K 31/397** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/4162** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )
- (87) WO2019/152678  
(31) 62/624,218 (32) 31.01.18 (33) US  
62/718,107 13.08.18 US  
(43) 08.08.2019  
(72) KHAN M., Amin  
(74) Shelston IP Pty Ltd.
- 
- (71) Aptinyx Inc.  
(11) AU-A-2019215058  
(21) 2019215058 (22) 31.01.2019  
(54) Spiro-lactam nmda receptor modulators and uses thereof
- (51) Int. Cl.  
**C07D 487/10** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )
- (87) WO2019/152687  
(31) 62/624,218 (32) 31.01.18 (33) US  
62/718,067 13.08.18 US  
(43) 08.08.2019  
(72) KHAN, M. Amin  
(74) Shelston IP Pty Ltd.
- 
- (71) Arbor Biotechnologies, Inc.  
(11) AU-A-2019236211  
(21) 2019236211 (22) 14.03.2019  
(54) Novel CRISPR DNA and RNA targeting enzymes and systems
- (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )
- (87) WO2019/178428  
(31) 62/672,489 (32) 16.05.18 (33) US  
62/699,498 17.07.18 US  
62/642,919 14.03.18 US  
62/666,397 03.05.18 US  
62/746,539 16.10.18 US  
62/772,043 27.11.18 US  
62/729,393 10.09.18 US  
62/740,867 03.10.18 US  
62/775,874 05.12.18 US  
(43) 19.09.2019  
(72) SMITH, Elise Keston; SCOTT, David A.; CHENG, David R.; YAN, Winston X.; HUNNEWELL, Pratyusha; CARTE, Jason  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Argenta Innovation Limited  
(11) AU-A-2019224928  
(21) 2019224928 (22) 26.02.2019  
(54) Intra-ruminal device
- (51) Int. Cl.  
**A61D 7/00** ( 2006.01 )  
**A61K 9/22** ( 2006.01 )
- (87) WO2019/164410  
(31) 740247 (32) 26.02.18 (33) NZ  
(43) 29.08.2019  
(72) GILL, David Anthony; MORROW, Desmond Ian John; ROUT, Brendon Shane; VENNING, Michael Sean  
(74) Dentons Patent Attorneys Australasia Limited
- 
- (71) Artax Biopharma Inc.  
(11) AU-A-2019229258  
(21) 2019229258 (22) 27.02.2019  
(54) Chromene derivatives as inhibitors of TCR-Neck interaction
- (51) Int. Cl.  
**C07D 311/58** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )
- (87) WO2019/169001  
(31) 62/635,834 (32) 27.02.18 (33) US  
(43) 06.09.2019  
(72) CASTRO, Julio; GAGETE MATEOS, Andrés; MACHIN, Peter J.; VANDEUSEN, Christopher Loren  
(74) Spruson & Ferguson
- 
- (71) Artisan Vehicle Systems, Inc.  
(11) AU-A-2019227632  
(21) 2019227632 (22) 27.02.2019  
(54) Electric haul truck
- (51) Int. Cl.  
**B60L 50/64** ( 2019.01 )  
**B60K 1/04** ( 2019.01 )  
**B60L 50/60** ( 2019.01 )  
**B60L 53/80** ( 2019.01 )  
**B60L 58/18** ( 2019.01 )  
**H01M 2/10** ( 2006.01 )
- (87) WO2019/168888  
(31) 15/908,794 (32) 28.02.18 (33) US  
(43) 06.09.2019  
(72) HUFF, Brian R.; HICKEY, Kyle  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Artisan Vehicle Systems, Inc.  
(11) AU-A-2019227638  
(21) 2019227638 (22) 27.02.2019  
(54) Mounting and dismounting system for a battery assembly
- (51) Int. Cl.  
**B60L 53/80** ( 2019.01 )  
**B60K 1/04** ( 2019.01 )  
**B60L 50/60** ( 2019.01 )  
**H01M 2/10** ( 2006.01 )
- (87) WO2019/168894  
(31) 15/908,799 (32) 28.02.18 (33) US  
(43) 06.09.2019  
(72) HUFF, Brian R.; HICKEY, Kyle  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Artisan Vehicle Systems, Inc.  
(11) AU-A-2019227644  
(21) 2019227644 (22) 27.02.2019  
(54) Method and system for mounting and dismounting batteries in a vehicle
- (51) Int. Cl.  
**B60L 53/80** ( 2019.01 )  
**B60K 1/04** ( 2019.01 )  
**B60L 50/60** ( 2019.01 )  
**B60L 50/64** ( 2019.01 )  
**B60L 58/18** ( 2019.01 )  
**H01M 2/10** ( 2006.01 )
- (87) WO2019/168900  
(31) 15/908,802 (32) 28.02.18 (33) US  
(43) 06.09.2019  
(72) HUFF, Brian R.; HICKEY, Kyle  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Asphalt Plus, LLC  
(11) AU-A-2019225175

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

- (21) 2019225175 (22) 22.02.2019  
 (54) Engineered crumb rubber composition for use in asphalt binder and paving mix applications  
 (51) Int. Cl. **C09D 195/00** ( 2006.01 ) **E01C 7/18** ( 2006.01 )  
 (87) WO2019/165238  
 (31) 62/633,988 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (72) STEPP, James; CLARK, Redmond  
 (74) Halfords IP
- 
- (71) AstraZeneca AB  
 (11) AU-A-2019228717  
 (21) 2019228717 (22) 01.03.2019  
 (54) Pharmaceutical compositions comprising (2S)-N-((1S)-1-cyano-2-[4-(3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazol-5-yl)phenyl]ethyl)-1,4-oxazepane-2-carboxamide  
 (51) Int. Cl. **A61K 31/553** ( 2006.01 ) **A61P 11/06** ( 2006.01 )  
 (87) WO2019/166626  
 (31) 62/636,944 (32) 01.03.18 (33) US  
 (43) 06.09.2019  
 (72) WIKSTRÖM, Håkan; LUDVIGSSON, Jufang Wu; ANDERSSON, Thomas  
 (74) Spruson & Ferguson
- 
- (71) Attenti Electronic Monitoring Ltd.  
 (11) AU-A-2020223651  
 (21) 2020223651 (22) 26.02.2020  
 (54) Protected security strap  
 (51) Int. Cl. **G08B 25/10** ( 2006.01 ) **A44C 5/00** ( 2006.01 )  
 (31) 62/810,512 (32) 26.02.19 (33) US  
 (43) 17.09.2020  
 (72) FRIEDMAN, Ofer  
 (74) CreatelP
- 
- (71) Ava Food Labs, Inc.  
 (11) AU-A-2019223094  
 (21) 2019223094 (22) 22.02.2019  
 (54) Moscato wine replicas produced from individual components  
 (51) Int. Cl. **C12G 3/02** ( 2019.01 ) **C12G 3/04** ( 2019.01 )  
 (87) WO2019/165321  
 (31) 62/634,747 (32) 23.02.18 (33) US  
 (43) 29.08.2019  
 (72) CHUA, Mardonn Carl; LEE, Alec Kremonic; DECOLONGON, Joshua Canaria; BESWICK, Ethan Charles; SILVA, Leslie P.; JASTRZEMBSKI, Jillian Angela; SHULMAN, Taylor; LUNDQUIST, Joshua  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Ava Food Labs, Inc.  
 (11) AU-A-2019223096  
 (21) 2019223096 (22) 22.02.2019  
 (54) Alcoholic beverages produced from individual components
- 
- (51) Int. Cl. **C12G 3/02** ( 2019.01 ) **C12G 3/04** ( 2019.01 )  
 (87) WO2019/165323  
 (31) 62/634,784 (32) 23.02.18 (33) US  
 (43) 29.08.2019  
 (72) CHUA, Mardonn Carl; LEE, Alec Kremonic; DECOLONGON, Joshua Canaria; BESWICK, Ethan Charles; SILVA, Leslie P.; JASTRZEMBSKI, Jillian Angela; SHULMAN, Taylor; BILODEAU, Erica Nicole; LUNDQUIST, Joshua  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Avsalt AB  
 (11) AU-A-2019237168  
 (21) 2019237168 (22) 21.03.2019  
 (54) Deionization device and method for at least partially deionizing a feed liquid in which an electrolyte is dissolved, and apparatuses using such devices  
 (51) Int. Cl. **C02F 1/469** ( 2006.01 ) **B01D 61/46** ( 2006.01 ) **C02F 1/461** ( 2006.01 )  
 (87) WO2019/180151  
 (31) 2020640 (32) 21.03.18 (33) NL  
 (43) 26.09.2019  
 (72) BOON, Nicolaas Jacobus Henricus  
 (74) FB Rice Pty Ltd
- 
- (71) Axsome Therapeutics, Inc.  
 (11) AU-A-2019223187  
 (21) 2019223187 (22) 25.02.2019  
 (54) Dosage forms and methods for enantiomerically enriched or pure bupropion  
 (51) Int. Cl. **A61K 31/137** ( 2006.01 ) **A61K 31/485** ( 2006.01 ) **A61P 25/00** ( 2006.01 ) **A61P 25/18** ( 2006.01 ) **A61P 25/24** ( 2006.01 ) **A61P 25/28** ( 2006.01 ) **A61P 25/30** ( 2006.01 )  
 (87) WO2019/165379  
 (31) 62/809,480 (32) 22.02.19 (33) US  
 62/794,469 18.01.19 US  
 62/634,718 23.02.18 US  
 (43) 29.08.2019  
 (72) TABUTEAU, Herriot  
 (74) Blue Penguin IP Ltd
- 
- (71) Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F. S.p.A.  
 (11) AU-A-2019217490  
 (21) 2019217490 (22) 05.02.2019  
 (54) Continuous process for the preparation of trazodone  
 (51) Int. Cl. **C07D 471/04** ( 2006.01 ) **B01J 19/00** ( 2006.01 )  
 (87) WO2019/154770  
 (31) 18155470.0 (32) 07.02.18 (33) EP  
 (43) 15.08.2019  
 (72) IACOANGELI, Tommaso; MORO, Leonardo Mario; CARACCILO TORCH-
- 
- IAROLO, Giuliano; CAVARISCHIA, Claudia; FURLOTTI, Guido  
 (74) Griffith Hack
- 
- (71) Baker Hughes Holdings LLC  
 (11) AU-A-2019225162  
 (21) 2019225162 (22) 22.02.2019  
 (54) Electroactive polymer-based downhole seal  
 (51) Int. Cl. **E21B 33/127** ( 2006.01 )  
 (87) WO2019/165225  
 (31) 62/634,528 (32) 23.02.18 (33) US  
 (43) 29.08.2019  
 (72) ZHAO, Lei; XU, Zhiyue; DENG, Guijun  
 (74) Patent Attorney Services
- 
- (71) Bayer Aktiengesellschaft  
 (11) AU-A-2019252569  
 (21) 2019252569 (22) 29.03.2019  
 (54) A weed control vehicle  
 (51) Int. Cl. **B61L 15/00** ( 2006.01 ) **A01D 34/68** ( 2006.01 ) **A01M 7/00** ( 2006.01 ) **A01M 21/04** ( 2006.01 ) **B61K 13/00** ( 2006.01 ) **E01B 37/00** ( 2006.01 ) **E01H 11/00** ( 2006.01 )  
 (87) WO2019/197174  
 (31) 18166793.2 (32) 11.04.18 (33) EP  
 (43) 17.10.2019  
 (72) JIMENEZ TARODO, Sergio; KILIAN, Michael; HADLOW, James; GIRAUD, Virginie; ARIANS, Thomas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Baylor College of Medicine; The Methodist Hospital D/B/A Houston Methodist  
 (11) AU-A-2019228575  
 (21) 2019228575 (22) 28.02.2019  
 (54) Proton pump inhibitors and methods of use in chemoradiation-induced tissue inflammation and scarring  
 (51) Int. Cl. **A61K 31/4439** ( 2006.01 ) **A61K 31/00** ( 2006.01 ) **A61P 29/00** ( 2006.01 )  
 (87) WO2019/169175  
 (31) 62/636,284 (32) 28.02.18 (33) US  
 (43) 06.09.2019  
 (72) GHEBRE, Yohannes T.; LUDWIG, Michell S.; BONNEN, Mark David; JHAVERI, Pavan Mukesh  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2019225223  
 (21) 2019225223 (22) 26.02.2019  
 (54) Biological fluid collection device and collection module  
 (51) Int. Cl. **A61B 5/15** ( 2006.01 ) **B01L 3/00** ( 2006.01 ) **B01L 3/02** ( 2006.01 ) **G01N 33/49** ( 2006.01 )  
 (87) WO2019/165407  
 (31) 62/634,960 (32) 26.02.18 (33) US

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

(43) 29.08.2019  
 (72) IVOSEVIC, Milan; EDELHAUSER, Adam  
 (74) FB Rice Pty Ltd

(71) Biogen MA Inc.  
 (11) AU-A-2019234759  
 (21) 2019234759 (22) 13.03.2019  
 (54) O-glycoprotein-2-acetamido-2-deoxy-3-D-glycopyranosidase inhibitors

(51) Int. Cl.  
**C07D 417/06** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
 (87) WO2019/178191  
 (31) 62/642,932 (32) 14.03.18 (33) US  
 62/699,443 17.07.18 US  
 62/690,536 27.06.18 US

(43) 19.09.2019  
 (72) GENUNG, Nathan; GUCKIAN, Kevin M.; VESSELS, Jeffrey; ZHANG, Lei; GIANA-TASSIO, Ryan; LIN, Eaward Yin Shiang; XIN, Zhili  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) BioIncept, LLC  
 (11) AU-A-2019224113  
 (21) 2019224113 (22) 22.02.2019  
 (54) Methods of treating NASH and compositions therefore  
 (51) Int. Cl.  
**A61K 38/08** ( 2019.01 )  
**A61K 38/10** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
 (87) WO2019/165284  
 (31) 62/634,189 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (72) BARNEA, Eytan R.  
 (74) FB Rice Pty Ltd

(71) Biomass Technologies Pty Ltd  
 (11) AU-A-2018422281  
 (21) 2018422281 (22) 10.05.2018  
 (54) Method and apparatus for manufacture of dry powders  
 (51) Int. Cl.  
**B01D 1/18** ( 2006.01 )  
**B01J 2/02** ( 2006.01 )  
**B01J 2/04** ( 2006.01 )  
**C13B 40/00** ( 2011.01 )  
**C13B 50/00** ( 2011.01 )  
 (87) WO2019/213685  
 (43) 14.11.2019  
 (72) SCOTT, Maxwell; BROWN, Rodney  
 (74) LEGALVISION ILP PTY. LTD.

(71) Bluestar Genomics, Inc.  
 (11) AU-A-2019222723  
 (21) 2019222723 (22) 13.02.2019  
 (54) Methods for the epigenetic analysis of DNA, particularly cell-free DNA  
 (51) Int. Cl.  
**C07H 19/06** ( 2006.01 )

**C12N 9/02** ( 2006.01 )  
**C12P 19/18** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
 (87) WO2019/160994  
 (31) 62/630,798 (32) 14.02.18 (33) US  
 (43) 22.08.2019  
 (72) ARENSDORF, Patrick A.; SPACEK, Damek; SONG, Chunxiao  
 (74) FB Rice Pty Ltd

(71) Board of Regents, The University of Texas System  
 (11) AU-A-2019239568  
 (21) 2019239568 (22) 14.03.2019  
 (54) Dual specificity antibodies to human PD-L1 and PD-L2 and methods of use therefor  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
 (87) WO2019/182867  
 (31) 62/647,407 (32) 23.03.18 (33) US  
 62/755,408 02.11.18 US  
 (43) 26.09.2019  
 (72) CURRAN, Michael A.; JAISWAL, Ashvin R.; ZHA, Dongxing; TONIATTI, Carlo; PRINZ, Bianka; BOLAND, Nadthakam; KRAULAND, Eric  
 (74) FPA Patent Attorneys Pty Ltd

(71) Boehringer Ingelheim International GmbH  
 (11) AU-A-2019274626  
 (21) 2019274626 (22) 13.05.2019  
 (54) Antagonizing CD73 antibody  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
 (87) WO2019/224025  
 (31) 18173381.7 (32) 19.05.18 (33) EP  
 (43) 28.11.2019  
 (72) HOFMANN, Irmgard, Maria Rita; AHLBERG, Jennifer; GANESAN, Rajkumar; GUPTA, Priyanka; MOSTBOECK, Sven; PLYTE, Simon; SCHAAF, Otmar; TSAI, Chia-Hung; WURM, Melanie; ZETTL, Markus; DE ANDRADE PEREIRA, Bruna; BOETTCHER, Jark  
 (74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation  
 (11) AU-A-2019217416  
 (21) 2019217416 (22) 04.02.2019  
 (54) Systems and methods for determining neuromodulation parameters  
 (51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
 (87) WO2019/156936  
 (31) 62/628,506 (32) 09.02.18 (33) US  
 (43) 15.08.2019  
 (72) BRILL, Natalie A.; ESTELLER, Rosana  
 (74) Spruson & Ferguson

(71) Bradshaw, G.  
 (11) AU-A-2019251763  
 (21) 2019251763 (22) 10.04.2019

(54) Animal treatment apparatus, block, and method of use  
 (51) Int. Cl.  
**A01K 13/00** ( 2006.01 )  
**A61D 7/00** ( 2006.01 )  
 (87) WO2019/195883  
 (31) 2018901232 (32) 12.04.18 (33) AU  
 (43) 17.10.2019  
 (72) BRADSHAW, Glenn Andrew  
 (74) TJIP Patents, Trade Marks & Designs

(71) BrainBox AI Inc.  
 (11) AU-A-2019221098  
 (21) 2019221098 (22) 19.02.2019  
 (54) Systems and methods of optimizing HVAC control in a building or network of buildings  
 (51) Int. Cl.  
**F24F 11/62** ( 2018.01 )  
**F24F 11/58** ( 2018.01 )  
**G06F 17/40** ( 2006.01 )  
 (87) WO2019/157602  
 (31) 62/632,057 (32) 19.02.18 (33) US  
 (43) 22.08.2019  
 (72) VENNE, Jean-Simon  
 (74) FB Rice Pty Ltd

(71) Brigham Young University  
 (11) AU-A-2019223350  
 (21) 2019223350 (22) 26.02.2019  
 (54) Integrated column and detector in a module for liquid chromatography  
 (51) Int. Cl.  
**G01N 30/40** ( 2006.01 )  
 (87) WO2019/165477  
 (31) 62/635,418 (32) 26.02.18 (33) US  
 (43) 29.08.2019  
 (72) XIE, Xiaofeng; TOLLEY, Luke T.; FARNSWORTH, Paul B.; TOLLEY, H. Dennis; LEE, Milton L.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Bristol-Myers Squibb Company  
 (11) AU-A-2019209435  
 (21) 2019209435 (22) 22.01.2019  
 (54) Compositions and methods of treating cancer  
 (51) Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2019/144098  
 (31) 62/620,209 (32) 22.01.18 (33) US  
 (43) 25.07.2019  
 (72) ZHAO, Qihong; FARGNOLI, Joseph; GURURAJAN, Murali; WEE, Susan  
 (74) AJ PARK

(71) Bristol-Myers Squibb Company  
 (11) AU-A-2019211382  
 (21) 2019211382 (22) 24.01.2019  
 (54) Aminopyrrolotriazines as kinase inhibitors  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )

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

- C07D 519/00** ( 2006.01 )  
**(87)** WO2019/147782  
**(31)** 62/622,415 **(32)** 26.01.18 **(33)** US  
**(43)** 01.08.2019  
**(72)** WATTERSON, Scott Hunter; ANDAP-PAN MURUGAIAH SUBBIAIAH, Murugaiah; DZIERBA, Carolyn Diane; GONG, Hua; GUERNON, Jason M.; GUO, Junqing; HART, Amy C.; LUO, Guanglin; MACOR, John E.; PITTS, William J.; SHI, Jianliang; VENABLES, Brian Lee; WEIGELT, Carolyn A.; WU, Yong-Jin; ZHENG, Zhizhen Barbara; SIT, Sing-Yuen; CHEN, Jie  
**(74)** AJ PARK
- 
- (71)** Brock, D.  
**(11)** AU-A-2019217660  
**(21)** 2019217660 **(22)** 05.02.2019  
**(54)** Fuel efficiency system  
**(51)** Int. Cl.  
**F02B 43/10** ( 2006.01 )  
**C25B 1/06** ( 2006.01 )  
**F02M 25/12** ( 2006.01 )  
**(87)** WO2019/153037  
**(31)** 2018900357 **(32)** 06.02.18 **(33)** AU  
**(43)** 15.08.2019  
**(72)** BROCK, Darryl James  
**(74)** Baxter Patent Attorneys Pty Ltd
- 
- (71)** Bronx Creative & Design Centre Pte Ltd  
**(11)** AU-A-2018404175  
**(21)** 2018404175 **(22)** 23.01.2018  
**(54)** Organic-inorganic aerogel composites, methods and uses thereof  
**(51)** Int. Cl.  
**C08J 9/236** ( 2006.01 )  
**C08J 3/075** ( 2006.01 )  
**C08J 3/20** ( 2006.01 )  
**C08K 3/36** ( 2006.01 )  
**C08L 1/02** ( 2006.01 )  
**C08L 3/04** ( 2006.01 )  
**C08L 77/00** ( 2006.01 )  
**C08L 79/02** ( 2006.01 )  
**C08L 97/02** ( 2006.01 )  
**(87)** WO2019/147183  
**(43)** 01.08.2019  
**(72)** NGUYEN, Son T.; NG, Whye Tho  
**(74)** A.P.T. Patent and Trade Mark Attorneys
- 
- (71)** Buckman Laboratories International, Inc.  
**(11)** AU-A-2019236073  
**(21)** 2019236073 **(22)** 06.03.2019  
**(54)** Method and system for producing market pulp and products thereof  
**(51)** Int. Cl.  
**D21H 17/00** ( 2006.01 )  
**D21C 5/00** ( 2006.01 )  
**D21H 17/09** ( 2006.01 )  
**D21H 17/42** ( 2006.01 )  
**D21H 21/24** ( 2006.01 )  
**(87)** WO2019/177826  
**(31)** 62/643,224 **(32)** 15.03.18 **(33)** US  
 62/702,395 24.07.18 US  
**(43)** 19.09.2019  
**(72)** HOEKSTRA, Philip M.; HANU-MANSETTY, Srinivas  
**(74)** AJ PARK
- 
- (71)** Buckman Laboratories International, Inc.  
**(11)** AU-A-2019242012  
**(21)** 2019242012 **(22)** 26.02.2019  
**(54)** Methods to quantify bioburden in substances  
**(51)** Int. Cl.  
**C12Q 1/6851** ( 2018.01 )  
**C12Q 1/689** ( 2018.01 )  
**(87)** WO2019/190673  
**(31)** 62/670,056 **(32)** 11.05.18 **(33)** US  
 62/648,013 26.03.18 US  
**(43)** 03.10.2019  
**(72)** REED, Mark L.; HUTCHERSON, Justin  
**(74)** AJ PARK
- 
- (71)** Buffalo Filter LLC  
**(11)** AU-A-2019384814  
**(21)** 2019384814 **(22)** 21.11.2019  
**(54)** Method and apparatus for flow  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**(87)** WO2020/106977  
**(31)** 62/770,341 **(32)** 21.11.18 **(33)** US  
**(43)** 28.05.2020  
**(72)** MILLER, Michael; SHVETSOV, Kyrlyo; PEPE, Gregory; BONANO, Samantha  
**(74)** Griffith Hack
- 
- (71)** Cambridge Glycoscience Ltd.  
**(11)** AU-A-2019223155  
**(21)** 2019223155 **(22)** 21.02.2019  
**(54)** Method of production  
**(51)** Int. Cl.  
**C12P 19/00** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )  
**(87)** WO2019/162416  
**(31)** 18157957.4 **(32)** 21.02.18 **(33)** EP  
**(43)** 29.08.2019  
**(72)** SIMMONS, Thomas  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Capulus Therapeutics, LLC  
**(11)** AU-A-2019212959  
**(21)** 2019212959 **(22)** 28.01.2019  
**(54)** SREBP inhibitors comprising a 6-membered central ring  
**(51)** Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )
- 
- C07C 63/04** ( 2006.01 )  
**C07C 63/06** ( 2006.01 )  
**C07D 221/00** ( 2006.01 )  
**(87)** WO2019/148125  
**(31)** 62/744,397 **(32)** 11.10.18 **(33)** US  
 62/623,405 29.01.18 US  
**(43)** 01.08.2019  
**(72)** GREEN, Michael John; HART, Barry Patrick  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** CareFusion 303, Inc.  
**(11)** AU-A-2019222638  
**(21)** 2019222638 **(22)** 12.02.2019  
**(54)** Integrated sensor to monitor fluid delivery  
**(51)** Int. Cl.  
**A61M 5/168** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**(87)** WO2019/160874  
**(31)** 15/896,375 **(32)** 14.02.18 **(33)** US  
**(43)** 22.08.2019  
**(72)** WALSH, Timothy Adam; SANDMANN, Christian  
**(74)** FB Rice Pty Ltd
- 
- (71)** Cargill, Incorporated  
**(11)** AU-A-2019225999  
**(21)** 2019225999 **(22)** 21.02.2019  
**(54)** Edible oil refining  
**(51)** Int. Cl.  
**C11B 3/14** ( 2006.01 )  
**(87)** WO2019/165065  
**(31)** 18157904.6 **(32)** 21.02.18 **(33)** EP  
 18184132.1 18.07.18 EP  
**(43)** 29.08.2019  
**(72)** MAIWORM, Michael; TARNOW, Armin Willem-Friedrich Hermann  
**(74)** Spruson & Ferguson
- 
- (71)** Cargill, Incorporated  
**(11)** AU-A-2019226005  
**(21)** 2019226005 **(22)** 21.02.2019  
**(54)** Edible oil refining  
**(51)** Int. Cl.  
**C11B 3/14** ( 2006.01 )  
**(87)** WO2019/165071  
**(31)** 18187287.0 **(32)** 03.08.18 **(33)** EP  
 18184132.1 18.07.18 EP  
 18157904.6 21.02.18 EP  
**(43)** 29.08.2019  
**(72)** TARNOW, Armin Willem-Friedrich Hermann; VILAS EGUILITA, Ignacio  
**(74)** Spruson & Ferguson
- 
- (71)** Cargill, Incorporated  
**(11)** AU-A-2019226006  
**(21)** 2019226006 **(22)** 21.02.2019  
**(54)** Oil processing  
**(51)** Int. Cl.  
**C11B 3/10** ( 2006.01 )  
**C11B 3/00** ( 2006.01 )  
**C11B 3/14** ( 2006.01 )  
**(87)** WO2019/165072  
**(31)** 18187289.6 **(32)** 03.08.18 **(33)** EP  
 18184132.1 18.07.18 EP  
 18157904.6 21.02.18 EP



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

- (43) 29.08.2019  
(72) MAIWORM, Michael; TARNOW, Armin Willem-Friedrich Hermann  
(74) Spruson & Ferguson
- 
- (71) Cedars-Sinai Medical Center  
(11) AU-A-2019236288  
(21) 2019236288 (22) 15.03.2019  
(54) Methods and compositions for inducible expression of neurotrophic factors  
(51) Int. Cl.  
A61K 38/18 ( 2006.01 )  
C07K 14/475 ( 2006.01 )  
(87) WO2019/178550  
(31) 62/644,332 (32) 16.03.18 (33) US  
62/773,752 30.11.18 US  
(43) 19.09.2019  
(72) SVENDSEN, Clive; BREUNIG, Joshua; AKHTAR, Aslam  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Checkmate Pharmaceuticals, Inc.  
(11) AU-A-2019255370  
(21) 2019255370 (22) 19.04.2019  
(54) Synthetic RIG-I-like receptor agonists  
(51) Int. Cl.  
C12N 15/117 ( 2010.01 )  
(87) WO2019/204743  
(31) 62/659,999 (32) 19.04.18 (33) US  
(43) 24.10.2019  
(72) KRIEG, Arthur M.; MORRIS, Aaron Jay  
(74) RNB IP PTY LTD
- 
- (71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.  
(11) AU-A-2019221922  
(21) 2019221922 (22) 08.01.2019  
(54) Determination method for uplink/downlink transmission configuration, uplink/downlink transmission configuration method, and device  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
(87) WO2019/157887  
(31) 201810149220.9 (32) 13.02.18 (33) CN  
(43) 22.08.2019  
(72) HU, Lijie; HOU, Xueying; XU, Xiaodong; LIU, Guangyi; HUANG, Yuhong; XIA, Liang  
(74) Shelston IP Pty Ltd.
- 
- (71) Chong Kun Dang Pharmaceutical Corp.  
(11) AU-A-2019252496  
(21) 2019252496 (22) 09.04.2019  
(54) Compositions for preventing or treating dry eye  
(51) Int. Cl.  
A61K 31/5377 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 31/416 ( 2006.01 )  
A61K 31/454 ( 2006.01 )  
A61K 31/496 ( 2006.01 )  
A61P 27/02 ( 2006.01 )  
(87) WO2019/199034  
(31) 10-2018-0041378 (32) 10.04.18 (33) KR
- 
- (43) 17.10.2019  
(72) CHOI, Young Il; HA, Nina; SHIN, Taek Hwan  
(74) Shelston IP Pty Ltd.
- 
- (71) CJ Cheiljedang Corporation  
(11) AU-A-2019224876  
(21) 2019224876 (22) 22.02.2019  
(54) Mycosporine-like amino acid-producing microorganism and method for production of mycosporine-like amino acids by using same  
(51) Int. Cl.  
C12N 15/70 ( 2006.01 )  
C12N 9/10 ( 2006.01 )  
C12N 9/12 ( 2006.01 )  
C12N 15/77 ( 2006.01 )  
C12N 15/81 ( 2006.01 )  
C12P 13/04 ( 2006.01 )  
(87) WO2019/164351  
(31) 10-2018-0022185 (32) 23.02.18 (33) KR  
(43) 29.08.2019  
(72) KIM, Sol; SEOK, Jong-cheol; LEE, Kyusung; JANG, Jae Woo  
(74) WRAYS PTY LTD
- 
- (71) Cockerill Maintenance & Ingenierie S.A.  
(11) AU-A-2019221415  
(21) 2019221415 (22) 23.01.2019  
(54) Solar receiver installation with pressurized heat transfer fluid system  
(51) Int. Cl.  
F24S 40/58 ( 2018.01 )  
(87) WO2019/158325  
(31) 18157089.6 (32) 16.02.18 (33) EP  
(43) 22.08.2019  
(72) WINAND, Stéphane  
(74) Spruson & Ferguson
- 
- (71) Combined Therapeutics, Inc.  
(11) AU-A-2019221826  
(21) 2019221826 (22) 19.02.2019  
(54) Compositions and methods for organ-protective expression and modulation of coding ribonucleic acids  
(51) Int. Cl.  
A61K 31/7088 ( 2006.01 )  
A61K 48/00 ( 2006.01 )  
C12N 15/11 ( 2006.01 )  
(87) WO2019/158955  
(31) PCT/US2018/049772 (32) 06.09.18 (33) US  
62/632,056 19.02.18 US  
(43) 22.08.2019  
(72) MICOL, Romain  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) CommScope Technologies LLC  
(11) AU-A-2019223204  
(21) 2019223204 (22) 26.02.2019  
(54) Connectors and contacts for a single twisted pair of conductors  
(51) Int. Cl.  
H01R 4/12 ( 2006.01 )  
H01R 13/648 ( 2006.01 )  
H01R 24/62 ( 2011.01 )  
(87) WO2019/165466
- 
- (31) 62/635,227 (32) 26.02.18 (33) US  
62/671,738 15.05.18 US  
62/693,583 03.07.18 US  
(43) 29.08.2019  
(72) TOBEY, Shawn Phillip; PEPE, Paul John; KEITH, Scott Martin; OBERSKI, Jeffrey A.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ConMed Corporation  
(11) AU-A-2018414541  
(21) 2018414541 (22) 19.10.2018  
(54) Suture anchor driver  
(51) Int. Cl.  
A61B 17/04 ( 2006.01 )  
(87) WO2019/182645  
(31) 62/648,034 (32) 26.03.18 (33) US  
62/647,255 23.03.18 US  
62/646,954 23.03.18 US  
(43) 26.09.2019  
(72) LOMBARDO, Giuseppe; BRESLICH, Grady; SUMMITT, Matthew C.; ALFONSO, Gregory A.; THIBODEAU, Robert A.  
(74) Griffith Hack
- 
- (71) ConocoPhillips Company  
(11) AU-A-2019240306  
(21) 2019240306 (22) 21.03.2019  
(54) Virtual downhole sub  
(51) Int. Cl.  
E21B 47/09 ( 2012.01 )  
E21B 47/12 ( 2012.01 )  
(87) WO2019/183374  
(31) 62/647,056 (32) 23.03.18 (33) US  
(43) 26.09.2019  
(72) RAMSAY, Stacey C.; COBB, Bradford L.; ANNO, Phil D.; PHAM, Son V.  
(74) RnB IP Pty Ltd
- 
- (71) ConocoPhillips Company  
(11) AU-A-2019242623  
(21) 2019242623 (22) 26.03.2019  
(54) System and method for streaming data  
(51) Int. Cl.  
E21B 21/08 ( 2006.01 )  
G06F 11/14 ( 2006.01 )  
(87) WO2019/191027  
(31) 62/648,123 (32) 26.03.18 (33) US  
(43) 03.10.2019  
(72) COBB, Bradford L.; RAMSAY, Stacey C.  
(74) RnB IP Pty Ltd
- 
- (71) Construction Group, Inc.  
(11) AU-A-2019228537  
(21) 2019228537 (22) 28.02.2019  
(54) Systems and methods for capturing kinetic energy and for emission-free conversion of captured energy to electricity  
(51) Int. Cl.  
F03G 1/08 ( 2006.01 )  
F03G 7/08 ( 2006.01 )  
(87) WO2019/169097  
(31) 62/636,409 (32) 28.02.18 (33) US  
(43) 06.09.2019  
(72) NIGG, James Leo  
(74) Davies Collison Cave Pty Ltd

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

(71) Create It Real Aps  
 (11) AU-A-2019213472  
 (21) 2019213472 (22) 05.02.2019  
 (54) A printer for printing a 3D object  
 (51) Int. Cl.  
     **G05B 19/4099** ( 2006.01 )  
 (87) WO2019/149953  
 (31) PA 2018 70069 (32) 05.02.18 (33) DK  
 (43) 08.08.2019  
 (72) GAY, Jeremie Pierre; VAJDA, Zoltán  
     Tamás  
 (74) FB Rice Pty Ltd

(71) CRRC Yangtze Co., Ltd.  
 (11) AU-A-2019218536  
 (21) 2019218536 (22) 28.03.2019  
 (54) Flexible axle box, assembly method there-  
 for and bogie  
 (51) Int. Cl.  
     **B61F 5/26** ( 2006.01 )  
     **B61F 5/52** ( 2006.01 )  
 (87) WO2019/154439  
 (31) 201820244761.5 (32) 09.02.18 (33) CN  
     201810135984.2 09.02.18 CN  
 (43) 15.08.2019  
 (72) YAN, Zhixiong; LIU, Fengwei; JIANG,  
     Ruijin; XU, Yong; WU, Huiping; LI, Huay-  
     an; SONG, Fan  
 (74) Shelston IP Pty Ltd.

(71) CRRC Yangtze Co., Ltd.  
 (11) AU-A-2019311716  
 (21) 2019311716 (22) 12.04.2019  
 (54) Highway and railway dual-purpose vehicle  
 (51) Int. Cl.  
     **B60F 1/00** ( 2006.01 )  
     **B60F 1/04** ( 2006.01 )  
 (87) WO2020/019763  
 (31) 201810846327.9 (32) 27.07.18 (33) CN  
     201821211150.7 27.07.18 CN  
 (43) 30.01.2020  
 (72) HU, Haiping; LUO, Hui; LIU, Danyan; JI-  
     ANG, Ruijin; LIU, Fengwei; LI, Ziming;  
     PENG, Xianhong; YAO, Xiong; XIANG,  
     Zhiying; WU, Xiannian; HUANG, Chunyu  
 (74) Shelston IP Pty Ltd.

(71) Curelator, Inc.; Mian, A.; Vives-Mestres,  
 M.; Cabrera, T.; Barreiros, F.  
 (11) AU-A-2019215046  
 (21) 2019215046 (22) 31.01.2019  
 (54) Early feedback of disease factors to im-  
 prove patient quality of life, engagement  
 and persistence  
 (51) Int. Cl.  
     **G16H 10/00** ( 2018.01 )  
     **G16H 10/20** ( 2018.01 )  
     **G16H 10/40** ( 2018.01 )  
     **G16H 10/60** ( 2018.01 )  
 (87) WO2019/152675  
 (31) 62/624,449 (32) 31.01.18 (33) US  
 (43) 08.08.2019  
 (72) MIAN, Alec; VIVES-MESTRES, Marina;  
     CABRERA, Takeichi Kanzaki; BARREIR-  
     OS, Francisco Vazquez  
 (74) Spruson & Ferguson

(71) Cytoimmune Therapeutics, Inc.  
 (11) AU-A-2019233917  
 (21) 2019233917 (22) 15.03.2019  
 (54) Bispecific antibody car cell immunotherapy  
 (51) Int. Cl.  
     **A61K 35/17** ( 2015.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
     **C12N 5/10** ( 2006.01 )  
 (87) WO2019/178576  
 (31) 62/644,343 (32) 16.03.18 (33) US  
 (43) 19.09.2019  
 (72) YU, Jianhua; CALIGIURI, Michael  
 (74) HENRY HUGHES IP LTD

(71) Daikin Industries, Ltd.  
 (11) AU-A-2018407010  
 (21) 2018407010 (22) 28.11.2018  
 (54) Inverter control method, alternating current  
 load drive system, and refrigeration circuit  
 (51) Int. Cl.  
     **H02M 7/48** ( 2007.01 )  
 (87) WO2019/150727  
 (31) 2018-015246 (32) 31.01.18 (33) JP  
 (43) 08.08.2019  
 (72) NAKAJIMA, Yuuki  
 (74) Spruson & Ferguson

(71) Dainichiseika Color & Chemicals Mfg. Co.,  
 Ltd.  
 (11) AU-A-2018416405  
 (21) 2018416405 (22) 30.03.2018  
 (54) Method for producing quinacridone sol-  
 id-solution pigment, pigment dispersion,  
 and ink-jet ink  
 (51) Int. Cl.  
     **C09B 67/20** ( 2006.01 )  
     **C09B 48/00** ( 2006.01 )  
     **C09B 67/22** ( 2006.01 )  
     **C09B 67/46** ( 2006.01 )  
     **C09D 11/322** ( 2014.01 )  
     **C09D 17/00** ( 2006.01 )  
 (87) WO2019/187058  
 (43) 03.10.2019  
 (72) KAMATA Naoto; YOSHIKAWA Sachio  
 (74) Spruson & Ferguson

(71) Delpor, Inc.  
 (11) AU-A-2019228497  
 (21) 2019228497 (22) 27.02.2019  
 (54) Compositions for small molecule therapeu-  
 tic agent compounds  
 (51) Int. Cl.  
     **A61K 31/433** ( 2006.01 )  
     **A61K 31/485** ( 2006.01 )  
     **A61M 31/00** ( 2006.01 )  
     **A61P 21/02** ( 2006.01 )  
     **A61P 25/04** ( 2006.01 )  
 (87) WO2019/168985  
 (31) 62/636,122 (32) 27.02.18 (33) US  
 (43) 06.09.2019  
 (72) WATKINS, Gregory A.  
 (74) Pizzseys Patent and Trade Mark Attor-  
     neys Pty Ltd

(71) Depuy Synthes Products, Inc.  
 (11) AU-A-2019240189  
 (21) 2019240189 (22) 15.03.2019  
 (54) Bone plate with form-fitting variable-angle  
 locking hole  
 (51) Int. Cl.  
     **A61B 17/80** ( 2006.01 )  
     **A61B 17/86** ( 2006.01 )  
 (87) WO2019/180565  
 (31) 15/926,390 (32) 20.03.18 (33) US  
 (43) 26.09.2019  
 (72) BOSSHARD, Simon M.; RUSH, Jesse;  
     MCGURK, Michael; KEEGAN, Christoph-  
     er  
 (74) Spruson & Ferguson

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2019244702  
 (21) 2019244702 (22) 26.03.2019  
 (54) Three-dimensional porous structures for  
 bone ingrowth and methods for producing  
 (51) Int. Cl.  
     **A61F 2/30** ( 2006.01 )  
     **A61F 2/38** ( 2006.01 )  
 (87) WO2019/186405  
 (31) 62/648,353 (32) 26.03.18 (33) US  
 (43) 03.10.2019  
 (72) TONG, Weidong; ROSENBERGER, An-  
     drew T.; KANE, Robert J.; SMITH, Bryan  
     J.; ICE, Luke C.  
 (74) Spruson & Ferguson

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2019244866  
 (21) 2019244866 (22) 29.03.2019  
 (54) Locking structures for affixing bone an-  
 chors to a bone plate, and related systems  
 and methods  
 (51) Int. Cl.  
     **A61B 17/80** ( 2006.01 )  
     **A61B 17/86** ( 2006.01 )  
 (87) WO2019/186477  
 (31) 15/940,761 (32) 29.03.18 (33) US  
 (43) 03.10.2019  
 (72) BOSSHARD, Simon M.; MCGURK, Mi-  
     chael; KEEGAN, Christopher; RUSH,  
     Jesse B.  
 (74) Spruson & Ferguson

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2019246734  
 (21) 2019246734 (22) 29.03.2019  
 (54) Surface textures for three-dimensional por-  
 ous structures for bone ingrowth and meth-  
 ods for producing  
 (51) Int. Cl.  
     **A61F 2/30** ( 2006.01 )  
     **A61F 2/38** ( 2006.01 )  
 (87) WO2019/186503  
 (31) 62/650,775 (32) 30.03.18 (33) US  
 (43) 03.10.2019  
 (72) KANE, Robert J.  
 (74) Spruson & Ferguson

(71) Deutsche Bahn AG  
 (11) AU-A-2019239509  
 (21) 2019239509 (22) 20.03.2019

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

- (54) Method for planning or controlling the movements of a plurality of vehicles over a network of routes
- (51) Int. Cl.  
**B61L 3/00** ( 2006.01 )  
**B61L 27/00** ( 2006.01 )  
**G08G 1/00** ( 2006.01 )  
**H04L 9/00** ( 2006.01 )
- (87) WO2019/179576  
(31) 10 2018 204 509.7 (32) 23.03.18 (33) DE  
(43) 26.09.2019  
(72) KINDLER, Daniel; SCHÖPF, Karl; GOTTHARDT, Kai; VON BONIN, Moritz; KUPERBERG, Michael, Dr.; BURCIU, Sergiu-Matei  
(74) Griffith Hack
- 
- (71) DexCom, Inc.  
(11) AU-A-2019225148  
(21) 2019225148 (22) 22.02.2019  
(54) Sensor interposers employing castellated through-vias
- (51) Int. Cl.  
**H05K 1/02** ( 2006.01 )  
**H05K 3/40** ( 2006.01 )  
**H05K 1/14** ( 2006.01 )
- (87) WO2019/165178  
(31) 62/634,085 (32) 22.02.18 (33) US  
(43) 29.08.2019  
(72) FRICK, Sean; JUNG, Louis; LARI, David  
(74) FB Rice Pty Ltd
- 
- (71) DexCom, Inc.  
(11) AU-A-2019262222  
(21) 2019262222 (22) 03.05.2019  
(54) Systems and methods for power management in analyte sensor system
- (51) Int. Cl.  
**A61B 5/145** ( 2006.01 )
- (87) WO2019/213623  
(31) 62/667,348 (32) 04.05.18 (33) US  
(43) 07.11.2019  
(72) BURNETTE, Douglas William; HALAC, Jason; GRAY, John Michael; SHAH, Neel Narayan; HOFFMEIER, Carl Erich; JOHNSTON, Neal Davis; YAYLIAN, Ryan Christopher; WANG, Liang  
(74) FB Rice Pty Ltd
- 
- (71) DexCom, Inc.  
(11) AU-A-2019263295  
(21) 2019263295 (22) 01.05.2019  
(54) Systems and method for activating analyte sensor electronics
- (51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/05** ( 2006.01 )  
**A61B 5/1473** ( 2006.01 )  
**A61B 5/1495** ( 2006.01 )
- (87) WO2019/213319  
(31) 62/666,554 (32) 03.05.18 (33) US  
(43) 07.11.2019  
(72) HALAC, Jason; BOHM, Sebastian; CRABTREE, Vincent Peter; DERENZY, David; DERVAES, Mark S.; KALFAS, Nicholas; MCDANIEL, Zebediah L.; MOORE, Michael Levozier; NEWHOUSE, Todd Andrew; PLOOF, Michael A.; REICHERT, Stephen Alan; SIMPSON, Peter C.; TEETER, Alexander Leroy; GARCIA, Rodolfo; PIOTROWIAK, Jaroslaw; O'CONNELL, Thomas George; DORIA, Arlene G.  
(74) FB Rice Pty Ltd
- 
- (71) Diaccurate  
(11) AU-A-2019226674  
(21) 2019226674 (22) 04.03.2019  
(54) Therapeutic anti-SPLA2-GIB antibodies and the uses thereof
- (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )
- (87) WO2019/166665  
(31) 18305229.9 (32) 02.03.18 (33) EP  
(43) 06.09.2019  
(72) TAMARIT, Blanche; THEZE, Jacques  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Dolby Laboratories Licensing Corporation; Dolby International AB  
(11) AU-A-2019298232  
(21) 2019298232 (22) 02.07.2019  
(54) Methods and devices for generating or decoding a bitstream comprising immersive audio signals
- (51) Int. Cl.  
**G10L 19/16** ( 2013.01 )  
**G10L 19/008** ( 2013.01 )  
**H04S 3/00** ( 2006.01 )
- (87) WO2020/010064  
(31) 62/693,246 (32) 02.07.18 (33) US  
(43) 09.01.2020  
(72) BRUHN, Stefan; TORRES, Juan Felix  
(74) Shelston IP Pty Ltd.
- 
- (71) Dolby Laboratories Licensing Corporation; Dolby International AB  
(11) AU-A-2019298240  
(21) 2019298240 (22) 02.07.2019  
(54) Methods and devices for encoding and/or decoding immersive audio signals
- (51) Int. Cl.  
**G10L 19/008** ( 2013.01 )  
**G10L 19/02** ( 2013.01 )  
**G10L 19/04** ( 2013.01 )  
**G10L 19/18** ( 2013.01 )
- (87) WO2020/010072  
(31) 62/693,246 (32) 02.07.18 (33) US  
(43) 09.01.2020  
(72) MCGRATH, David S.; ECKERT, Michael; PURNHAGEN, Heiko; BRUHN, Stefan  
(74) Shelston IP Pty Ltd.
- 
- (71) Douglas, R.  
(11) AU-A-2018409850  
(21) 2018409850 (22) 11.12.2018  
(54) Processing 3D medical images to enhance visualization
- (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06T 17/00** ( 2006.01 )
- (87) WO2019/164569  
(31) 15/904,092 (32) 23.02.18 (33) US
- 
- (43) 29.08.2019  
(72) DOUGLAS, Robert E.  
(74) Morcom Pernat
- 
- (71) DraftKings, Inc.  
(11) AU-A-2019228502  
(21) 2019228502 (22) 27.02.2019  
(54) System and methods for prioritizing content packets based on a dynamically updated list of profile attributes
- (51) Int. Cl.  
**A63F 13/355** ( 2014.01 )  
**A63F 13/46** ( 2014.01 )  
**A63F 13/65** ( 2014.01 )  
**A63F 13/828** ( 2014.01 )
- (87) WO2019/168994  
(31) 62/635,988 (32) 27.02.18 (33) US  
(43) 06.09.2019  
(72) MACINNES, Jason; MENDELL, Jordan  
(74) RnB IP Pty Ltd
- 
- (71) Dragonfly Therapeutics, Inc.  
(11) AU-A-2019225741  
(21) 2019225741 (22) 20.02.2019  
(54) Multi-specific binding proteins that bind cd33, nkg2d, and cd16, and methods of use
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )
- (87) WO2019/164930  
(31) 62/677,137 (32) 28.05.18 (33) US  
62/632,756 20.02.18 US  
(43) 29.08.2019  
(72) CHANG, Gregory P.; CHEUNG, Ann F.; GRINBERG, Asya; SETHI, Dhruv Kam; HANEY, William; PRINZ, Bianca; LUNDE, Bradley M.  
(74) FB Rice Pty Ltd
- 
- (71) Drylock Technologies NV  
(11) AU-A-2019229634  
(21) 2019229634 (22) 07.03.2019  
(54) Absorbent article with channels and method for manufacturing thereof
- (51) Int. Cl.  
**A61F 13/531** ( 2006.01 )  
**A61F 13/53** ( 2006.01 )  
**A61F 13/532** ( 2006.01 )  
**A61F 13/534** ( 2006.01 )  
**A61F 13/535** ( 2006.01 )
- (87) WO2019/170801  
(31) 18161032.0 (32) 09.03.18 (33) EP  
(43) 12.09.2019  
(72) SMET, Steven; VAN INGELGEM, Werner; DERYCKE, Tom  
(74) Golja Haines & Friend
- 
- (71) Eberlein, M.  
(11) AU-A-2019229140  
(21) 2019229140 (22) 22.02.2019  
(54) Transport means with at least one transport device and method for producing, operating, and servicing the transport means
- (51) Int. Cl.  
**B62B 5/00** ( 2006.01 )  
**B62B 3/14** ( 2006.01 )
- (87) WO2019/166038

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

- (43) 20 2018 001 120.7 (32) 02.03.18 (33) DE  
 10 2018 003 664.3 05.05.18 DE  
 10 2018 004 282.1 29.05.18 DE  
 20 2018 001 297.1 10.03.18 DE  
 10 2018 002 625.7 29.03.18 DE  
 (43) 06.09.2019  
 (72) EBERLEIN, Martin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ecolab USA Inc.  
 (11) AU-A-2019222996  
 (21) 2019222996 (22) 15.02.2019  
 (54) Pump chemical compatibility management system  
 (51) Int. Cl.  
 G06Q 10/10 ( 2012.01 )  
 (87) WO2019/164758  
 (31) 62/633,422 (32) 21.02.18 (33) US  
 (43) 29.08.2019  
 (72) NAHIDINO, Massoud; SCHWEBLE, Martin  
 (74) Spruson & Ferguson
- 
- (71) Ecolab USA Inc.  
 (11) AU-A-2019226561  
 (21) 2019226561 (22) 01.03.2019  
 (54) Ultralow range fluorometer calibration  
 (51) Int. Cl.  
 G01N 21/27 ( 2006.01 )  
 G01N 21/64 ( 2006.01 )  
 G01N 33/18 ( 2006.01 )  
 G01N 21/84 ( 2006.01 )  
 (87) WO2019/169295  
 (31) 62/637,550 (32) 02.03.18 (33) US  
 (43) 06.09.2019  
 (72) YOON, Seong-Hoon  
 (74) Spruson & Ferguson
- 
- (71) Eiken Kagaku Kabushiki Kaisha  
 (11) AU-A-2019227781  
 (21) 2019227781 (22) 28.02.2019  
 (54) Method for stabilizing protein contained in sample and solution for stabilizing protein contained in sample  
 (51) Int. Cl.  
 G01N 33/53 ( 2006.01 )  
 G01N 33/531 ( 2006.01 )  
 G01N 33/72 ( 2006.01 )  
 C07K 14/46 ( 2006.01 )  
 C07K 14/805 ( 2006.01 )  
 (87) WO2019/168109  
 (31) 2018-037227 (32) 02.03.18 (33) JP  
 (43) 06.09.2019  
 (72) SAKAMAKI, Nozomi; TAGUCHI, Hidenori; MAKINODAN, Mitsuru; YAMADA, Miyu  
 (74) Chrysiliou IP
- 
- (71) Electrolux Appliances Aktiebolag  
 (11) AU-A-2018418818  
 (21) 2018418818 (22) 13.04.2018  
 (54) Cutlery tray and accessory devices for dishwasher  
 (51) Int. Cl.  
 A47L 15/50 ( 2006.01 )  
 (87) WO2019/197045
- 
- (43) 17.10.2019  
 (72) JOSEFSSON, Erik; HENRIKSEN, Christian; MULAS, Antonio  
 (74) Halfords IP
- 
- (71) Electrolux Appliances Aktiebolag  
 (11) AU-A-2019254245  
 (21) 2019254245 (22) 02.04.2019  
 (54) Method for detecting anomalies associated with a gas appliance  
 (51) Int. Cl.  
 F23N 5/24 ( 2006.01 )  
 F23N 5/10 ( 2006.01 )  
 F24C 3/12 ( 2006.01 )  
 (87) WO2019/201592  
 (31) 18168396.2 (32) 20.04.18 (33) EP  
 (43) 24.10.2019  
 (72) SPANO, Fabio; RASI, Fabio  
 (74) Halfords IP
- 
- (71) Encite, LLC  
 (11) AU-A-2019231556  
 (21) 2019231556 (22) 27.02.2019  
 (54) R2R microelectromechanical gas concentrator  
 (51) Int. Cl.  
 B01D 53/053 ( 2006.01 )  
 B32B 3/26 ( 2006.01 )  
 F04B 53/10 ( 2006.01 )  
 (87) WO2019/173090  
 (31) 62/639,522 (32) 07.03.18 (33) US  
 (43) 12.09.2019  
 (72) MARSH, Stephen Alan  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Enersion Inc.  
 (11) AU-A-2019230473  
 (21) 2019230473 (22) 07.03.2019  
 (54) Adsorption-based heat pump  
 (51) Int. Cl.  
 F25B 15/00 ( 2006.01 )  
 C02F 1/04 ( 2006.01 )  
 F25B 30/04 ( 2006.01 )  
 F25B 35/04 ( 2006.01 )  
 F25B 37/00 ( 2006.01 )  
 (87) WO2019/169497  
 (31) 62/639,843 (32) 07.03.18 (33) US  
 (43) 12.09.2019  
 (72) MONTAZERI, Hanif; HOU, Jingyuan; SINGH, Arshan; LASHKARI, Bahman; KRISHNAMURTHY, Vignesh  
 (74) Clark Intellectual Property Pty Ltd
- 
- (71) Equillum, Inc.  
 (11) AU-A-2019228508  
 (21) 2019228508 (22) 27.02.2019  
 (54) Anti CD6 antibodies for treating severe asthma  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (87) WO2019/169015  
 (31) 62/636,092 (32) 27.02.18 (33) US  
 (43) 06.09.2019  
 (72) CONNELLY, Stephen; NG, Cherie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ergotron, Inc.  
 (11) AU-A-2019228005  
 (21) 2019228005 (22) 01.03.2019  
 (54) Power system for mobile workstation  
 (51) Int. Cl.  
 B62B 3/02 ( 2006.01 )  
 H01R 11/30 ( 2006.01 )  
 H02J 9/00 ( 2006.01 )  
 H05K 5/00 ( 2006.01 )  
 H05K 7/14 ( 2006.01 )  
 (87) WO2019/169352  
 (31) 62/637,497 (32) 02.03.18 (33) US  
 (43) 06.09.2019  
 (72) HAZZARD, Nicholas Simon; TISCHER, William Dale; THEIS, John W.; JANCHEK, Matthew J.; TOWNES, Troy Edward  
 (74) WRAYS PTY LTD
- 
- (71) Evoqua Water Technologies LLC; Evoqua Water Technologies Limited  
 (11) AU-A-2019226106  
 (21) 2019226106 (22) 22.02.2019  
 (54) Electrochlorination system configurations for the generation of high product strength solutions  
 (51) Int. Cl.  
 C02F 1/461 ( 2006.01 )  
 C02F 1/467 ( 2006.01 )  
 C02F 1/72 ( 2006.01 )  
 C25B 1/26 ( 2006.01 )  
 C25B 15/02 ( 2006.01 )  
 C25B 15/08 ( 2006.01 )  
 (87) WO2019/165161  
 (31) 62/633,790 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (72) GRIFFIS, Joshua; DUKES, Simon P.; BEDDOES, Paul; ROGERS, Peter G.  
 (74) Shelston IP Pty Ltd.
- 
- (71) Faun Umwelttechnik GmbH & Co. KG  
 (11) AU-A-2019211187  
 (21) 2019211187 (22) 29.01.2019  
 (54) Wear indicator for sheet metal construction  
 (51) Int. Cl.  
 G01B 7/06 ( 2006.01 )  
 G01B 7/16 ( 2006.01 )  
 G01N 27/04 ( 2006.01 )  
 (87) WO2019/145551  
 (31) 20 2018 100 481.6 (32) 29.01.18 (33) DE  
 (43) 01.08.2019  
 (72) HELFMEIER, Ulrich  
 (74) FB Rice Pty Ltd
- 
- (71) Fernández Del Castillo y Simón, G.  
 (11) AU-A-2019238994  
 (21) 2019238994 (22) 14.02.2019  
 (54) Electrostatic charge suppressor for persons  
 (51) Int. Cl.  
 H05F 3/02 ( 2006.01 )  
 (87) WO2019/182432  
 (31) MX/a/2018/003473 (32) 21.03.18 (33) MX  
 (43) 26.09.2019  
 (72) FERNÁNDEZ DEL CASTILLO Y SIMÓN, Gustavo  
 (74) Alder IP Pty Ltd

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

- 
- (71) Ferro Therapeutics, Inc.  
 (11) AU-A-2019229256  
 (21) 2019229256 (22) 27.02.2019  
 (54) Compounds with ferroptosis inducing activity and methods of their use  
 (51) Int. Cl.  
*C07D 217/14* (2006.01)  
*A61K 31/4365* (2006.01)  
*A61K 31/437* (2006.01)  
*A61K 31/472* (2006.01)  
*A61K 31/5377* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 471/04* (2006.01)  
*C07D 495/04* (2006.01)  
 (87) WO2019/168999  
 (31) 62/636,614 (32) 28.02.18 (33) US  
 (43) 06.09.2019  
 (72) JIANG, Chun; CHEN, Ruihong;  
 PANDEY, Anjali; KALITA, Biswajit;  
 DURAISWAMY, Athisayamani Jeyaraj  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) FeTu Limited  
 (11) AU-A-2019226434  
 (21) 2019226434 (22) 15.02.2019  
 (54) Reticulating thermodynamic apparatus  
 (51) Int. Cl.  
*F01C 9/00* (2006.01)  
*F01C 11/00* (2006.01)  
*F01C 21/00* (2006.01)  
 (87) WO2019/166769  
 (31) 1803181.5 (32) 27.02.18 (33) GB  
 (43) 06.09.2019  
 (72) FENTON, Jonathan  
 (74) Shelston IP Pty Ltd.
- 
- (71) Fidia Farmaceutici S.p.A.  
 (11) AU-A-2019223434  
 (21) 2019223434 (22) 26.02.2019  
 (54) Multilayer composite material  
 (51) Int. Cl.  
*A61L 15/26* (2006.01)  
*A61L 15/28* (2006.01)  
*A61L 15/44* (2006.01)  
 (87) WO2019/162928  
 (31) 10201800003034 (32) 26.02.18 (33) IT  
 102018000021112 27.12.18 IT  
 (43) 29.08.2019  
 (72) GENNARI, Giovanni; CAMPISI, Monica;  
 ZANELATO, Anna Maria  
 (74) AJ PARK
- 
- (71) Fochon Pharmaceuticals, Ltd.; Shanghai  
 Fochon Pharmaceutical Co., Ltd.  
 (11) AU-A-2019233204  
 (21) 2019233204 (22) 13.03.2019  
 (54) Substituted (2-azabicyclo (3.1.0) hexan-2-yl) pyrazolo (1, 5-a) pyrimidine and imidazo (1, 2-b) pyridazine compounds as trk kinases inhibitors  
 (51) Int. Cl.  
*C07D 487/04* (2006.01)  
*A61K 31/519* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 471/04* (2006.01)  
*C07D 519/00* (2006.01)
- 
- (87) WO2019/174598  
 (31) 62/642,600 (32) 14.03.18 (33) US  
 62/771,166 26.11.18 US  
 62/684,502 13.06.18 US  
 (43) 19.09.2019  
 (72) LIU, Hongbin; TAN, Haohan; HE,  
 Chengxi; WANG, Xianlong; LIU, Qihong;  
 LI, Zhifu; ZHOU, Zuwen; GAO, Yuwei;  
 JIANG, Lihua; LINGHU, Li; LIN, Shu;  
 ZHAO, Xingdong; WANG, Weibo  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Forescout Technologies, Inc.  
 (11) AU-A-2019232391  
 (21) 2019232391 (22) 07.03.2019  
 (54) Attribute-based policies for integrity monitoring and network intrusion detection  
 (51) Int. Cl.  
*H04L 29/06* (2006.01)  
 (87) WO2019/172762  
 (31) 2020635 (32) 20.03.18 (33) NL  
 2020634 20.03.18 NL  
 2020552 08.03.18 NL  
 2020633 20.03.18 NL  
 2020632 20.03.18 NL  
 (43) 12.09.2019  
 (72) COSTANTE, Elisa  
 (74) Michael Buck IP
- 
- (71) Forschungsverbund Berlin E.V.; Ludwig-Maximilians-Universitaet Muenchen  
 (11) AU-A-2019232602  
 (21) 2019232602 (22) 06.03.2019  
 (54) Chemoselective thiol-conjugation with alkene or alkyne-phosphonothiolates and -phosphonates  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 47/68* (2017.01)  
*C07F 9/40* (2006.01)  
 (87) WO2019/170710  
 (31) 18160384.6 (32) 07.03.18 (33) EP  
 (43) 12.09.2019  
 (72) HACKENBERGER, Christian; BAUMANN, Alice Leonie; KASPER, Marc-André; BYRNE, Stephen; HELMASMETS, Jonas; LEONHARDT, Heinrich; STOSCHECK, Tina; GERLACH, Marcus; SCHUMACHER, Dominik  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Fortescue Metals Group Ltd  
 (11) AU-A-2019387713  
 (21) 2019387713 (22) 27.11.2019  
 (54) Apparatus and method for processing iron ore  
 (51) Int. Cl.  
*B02C 4/08* (2006.01)  
*B02C 2/00* (2006.01)  
*B02C 23/08* (2006.01)  
 (87) WO2020/107070  
 (31) 2018904512 (32) 27.11.18 (33) AU  
 (43) 04.06.2020  
 (72) HARRIS, Warren; JOLLEY, Daniel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Fraunhofer-Gesellschaft Zur Förderung Der  
 Angewandten Forschung E.V.  
 (11) AU-A-2019214298  
 (21) 2019214298 (22) 29.01.2019  
 (54) Apparatuses for converting an object position of an audio object, audio stream provider, audio content production system, audio playback apparatus, methods and computer programs  
 (51) Int. Cl.  
*H04S 3/00* (2006.01)  
 (87) WO2019/149710  
 (31) PCT/ (32) 08.08.18 (33) EP  
 EP2018/025211  
 18154307.5 30.01.18 EP  
 (43) 08.08.2019  
 (72) WÜBBOLT, Oliver; KUNTZ, Achim; ERTEL, Christian; DICK, Sascha; NAGEL, Frederik; NEUSINGER, Matthias  
 (74) Griffith Hack
- 
- (71) Fresenius Medical Care Holdings, Inc.  
 (11) AU-A-2019232674  
 (21) 2019232674 (22) 23.01.2019  
 (54) Peritoneal dialysis systems and related methods  
 (51) Int. Cl.  
*A61M 1/28* (2006.01)  
*A61B 5/00* (2006.01)  
*A61M 1/16* (2006.01)  
*A61M 1/34* (2006.01)  
 (87) WO2019/173001  
 (31) 15/912,874 (32) 06.03.18 (33) US  
 (43) 12.09.2019  
 (72) SUAREZ DEL REAL PENA, Diego;  
 HERNANDEZ, Irving  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Frito-Lay Trading Company GmbH  
 (11) AU-A-2019241456  
 (21) 2019241456 (22) 27.03.2019  
 (54) Tuber peeling apparatus and method  
 (51) Int. Cl.  
*A23N 7/02* (2006.01)  
*A23L 19/12* (2016.01)  
*A23N 15/00* (2006.01)  
*B07B 1/12* (2006.01)  
*B07B 13/07* (2006.01)  
 (87) WO2019/185740  
 (31) 1804911.4 (32) 27.03.18 (33) GB  
 (43) 03.10.2019  
 (72) HILLIARD, Greg; ANDERSON, Mick;  
 BOURG, Fred; CONNELL, Terry  
 (74) Spruson & Ferguson
- 
- (71) Fujitsu General Limited  
 (11) AU-A-2019226802  
 (21) 2019226802 (22) 24.01.2019  
 (54) Bulkhead heat exchanger  
 (51) Int. Cl.  
*F28F 3/08* (2006.01)  
*F28D 9/02* (2006.01)  
*F28F 3/04* (2006.01)  
 (87) WO2019/167491  
 (31) 2018-035321 (32) 28.02.18 (33) JP  
 (43) 06.09.2019  
 (72) O, Gaiken; TAKAHASHI, Toshihiko; KOIZUMI, Akira  
 (74) Shelston IP Pty Ltd.

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

- 
- (71) Genentech, Inc.  
 (11) AU-A-2019218128  
 (21) 2019218128 (22) 08.02.2019  
 (54) Therapeutic and diagnostic methods for most cell-mediated inflammatory diseases  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (87) WO2019/157358  
 (31) 62/628,564 (32) 09.02.18 (33) US  
 (43) 15.08.2019  
 (72) CHOY, David F.; STATON, Tracy Lyn; YASPAN, Brian Louis  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Genentech, Inc.  
 (11) AU-A-2019225249  
 (21) 2019225249 (22) 26.02.2019  
 (54) Dosing for treatment with anti-tigit and anti-PD-L1 antagonist antibodies  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2019/165434  
 (31) 62/635,484 (32) 26.02.18 (33) US  
 62/641,919 12.03.18 US  
 62/807,469 19.02.19 US  
 (43) 29.08.2019  
 (72) MENG, Raymond D.; KELLEY, Sean Keith; PATIL, Namrata Srivastava  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Genentech, Inc.  
 (11) AU-A-2019226085  
 (21) 2019226085 (22) 21.02.2019  
 (54) Dosing for treatment with IL-22 Fc fusion proteins  
 (51) Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
 (87) WO2019/165140  
 (31) 62/633,534 (32) 21.02.18 (33) US  
 (43) 29.08.2019  
 (72) KALO, Matthew; LU, Timothy, Then-Chioh; SUKUMARAN, Siddharth; WANG, Yehong; DAY, Peter, William  
 (74) Griffith Hack
- 
- (71) Genentech, Inc.  
 (11) AU-A-2019235881  
 (21) 2019235881 (22) 14.03.2019  
 (54) Anti-KLK5 antibodies and methods of use  
 (51) Int. Cl.  
**C12N 9/64** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
 (87) WO2019/178316  
 (31) 62/643,034 (32) 14.03.18 (33) US
- 
- (43) 19.09.2019  
 (72) CHIU, Cecilia P.C.; HERNAN-DEZ-BARRY, Hilda Y.; IAEA, David B.; ISMAILI, Moulay Hicham Alaoui; KO-ERBER, James T.; LIN, Wei Yu; LOYET, Kelly; SUDHAMSU, Jawahar; SUN, Yonglian; WALTERS, Benjamin T.  
 (74) Griffith Hack
- 
- (71) Genomics PLC  
 (11) AU-A-2019227498  
 (21) 2019227498 (22) 26.02.2019  
 (54) A computer-implemented method of analysing genetic data about an organism  
 (51) Int. Cl.  
**G16B 40/20** ( 2019.01 )  
**G16B 20/40** ( 2019.01 )  
 (87) WO2019/166792  
 (31) 1803202.9 (32) 27.02.18 (33) GB  
 (43) 06.09.2019  
 (72) SPENCER, Christopher Charles Alan; LUNTER, Gerard Anton; DONNELLY, Peter James; PLAGNOL, Vincent Yann Marie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Genzyme Corporation  
 (11) AU-A-2019212638  
 (21) 2019212638 (22) 25.01.2019  
 (54) Fc variants with enhanced binding to FcRn and prolonged half-life  
 (51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (87) WO2019/147973  
 (31) 62/622,468 (32) 26.01.18 (33) US  
 (43) 01.08.2019  
 (72) QIU, Huawei; MACKNESS, Brian  
 (74) Griffith Hack
- 
- (71) Goldfinch Bio, Inc.  
 (11) AU-A-2019231208  
 (21) 2019231208 (22) 05.03.2019  
 (54) Imidazodiazepinediones and methods of use thereof  
 (51) Int. Cl.  
**A61K 31/551** ( 2006.01 )  
**A61K 31/5513** ( 2006.01 )  
**A61K 31/5517** ( 2006.01 )  
**C07D 243/06** ( 2006.01 )  
**C07D 243/10** ( 2006.01 )  
**C07D 243/12** ( 2006.01 )  
 (87) WO2019/173327  
 (31) 62/638,448 (32) 05.03.18 (33) US  
 (43) 12.09.2019  
 (72) DANIELS, Matthew H.; YU, Maolin; HARMANGE, Jean-Christophe P.; TIB-BITTS, Thomas T.; LEDEBOER, Mark W.; CASTLE, Neil A.; MALOJCIC, Goran  
 (74) Spruson & Ferguson
- 
- (71) Goodcart Pty Ltd  
 (11) AU-A-2019224180  
 (21) 2019224180 (22) 22.02.2019  
 (54) Joining system  
 (51) Int. Cl.  
**E04H 12/22** ( 2006.01 )
- 
- E01F 9/60** ( 2016.01 )  
**F16B 2/14** ( 2006.01 )  
**F16B 7/14** ( 2006.01 )  
**F21S 8/08** ( 2006.01 )  
**F21V 21/10** ( 2006.01 )  
**H01Q 1/12** ( 2006.01 )  
 (87) WO2019/161450  
 (31) 2018900582 (32) 23.02.18 (33) AU  
 (43) 29.08.2019  
 (72) RAWSON-HARRIS, Doug  
 (74) Shelston IP Pty Ltd.
- 
- (71) Goodcart Pty Ltd  
 (11) AU-A-2019225448  
 (21) 2019225448 (22) 22.02.2019  
 (54) Footing system  
 (51) Int. Cl.  
**E04H 12/22** ( 2006.01 )  
**E02D 27/42** ( 2006.01 )  
 (87) WO2019/161452  
 (31) 2018900583 (32) 23.02.18 (33) AU  
 (43) 29.08.2019  
 (72) RAWSON-HARRIS, Doug  
 (74) Shelston IP Pty Ltd.
- 
- (71) Google LLC  
 (11) AU-A-2019234822  
 (21) 2019234822 (22) 13.03.2019  
 (54) Generating IoT-based notification(s) and provisioning of command(s) to cause automatic rendering of the IoT-based notification(s) by automated assistant client(s) of client device(s)  
 (51) Int. Cl.  
**H04L 29/08** ( 2006.01 )  
**G10L 15/00** ( 2013.01 )  
**G10L 15/22** ( 2006.01 )  
**G10L 15/30** ( 2013.01 )  
**H04L 12/24** ( 2006.01 )  
 (87) WO2019/178229  
 (31) 62/643,065 (32) 14.03.18 (33) US  
 (43) 19.09.2019  
 (72) SCHAIRER, David Roy; MOHAMMED, Sumer; SPATES IV, Mark; KUMAR, Prem; NG, Chi Yeung Jonathan; ZHU, Di; CLARK, Steven  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018404398  
 (21) 2018404398 (22) 25.01.2018  
 (54) Synchronous carrier selection method and apparatus, and computer storage medium  
 (51) Int. Cl.  
**H04W 28/16** ( 2009.01 )  
 (87) WO2019/144352  
 (43) 01.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018404484  
 (21) 2018404484 (22) 29.01.2018

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

(54) Cell reselection method and device, and computer storage medium  
 (51) Int. Cl.  
*H04W 36/06* ( 2009.01 )  
 (87) WO2019/144399  
 (43) 01.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018405906  
 (21) 2018405906 (22) 31.01.2018  
 (54) Method for paging, terminal equipment, and network equipment  
 (51) Int. Cl.  
*H04W 68/02* ( 2009.01 )  
 (87) WO2019/148404  
 (43) 08.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018407188  
 (21) 2018407188 (22) 08.02.2018  
 (54) Channel detection method and device, and computer storage medium  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
 (87) WO2019/153201  
 (43) 15.08.2019  
 (72) SHEN, Jia  
 (74) Shelston IP Pty Ltd.

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018407210  
 (21) 2018407210 (22) 09.02.2018  
 (54) Method and device for transmitting synchronization signals, and computer storage medium  
 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/153248  
 (43) 15.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018409008  
 (21) 2018409008 (22) 13.02.2018  
 (54) Method and device for transmitting information  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/157678  
 (43) 22.08.2019  
 (72) LIN, Yanan  
 (74) Shelston IP Pty Ltd.

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018413671

(21) 2018413671 (22) 30.10.2018  
 (54) Multiway switch, radio frequency system, and wireless communication device  
 (51) Int. Cl.  
*H04B 1/00* ( 2006.01 )  
 (87) WO2019/174252  
 (31) 201810220715.6 (32) 16.03.18 (33) CN  
 (43) 19.09.2019  
 (72) BAI, Jian  
 (74) Shelston IP Pty Ltd.

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018404483  
 (21) 2018404483 (22) 29.01.2018  
 (54) Method for controlling UE to search for cell, UE, and network device  
 (51) Int. Cl.  
*H04W 36/06* ( 2009.01 )  
 (87) WO2019/144398  
 (43) 01.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018405963  
 (21) 2018405963 (22) 05.02.2018  
 (54) Method for sending and receiving paging message, network device and user device  
 (51) Int. Cl.  
*H04W 68/00* ( 2009.01 )  
 (87) WO2019/148493  
 (43) 08.08.2019  
 (72) TANG, Hai  
 (74) Shelston IP Pty Ltd.

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018407846  
 (21) 2018407846 (22) 06.02.2018  
 (54) User device, and method for inter-user-device sending and receiving of positioning signal  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/153129  
 (43) 15.08.2019  
 (72) TANG, Hai; LIN, Hwei-Ming  
 (74) Shelston IP Pty Ltd.

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018409912  
 (21) 2018409912 (22) 23.02.2018  
 (54) Power headroom report method and apparatus, and computer storage medium  
 (51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
*H04W 52/14* ( 2009.01 )  
 (87) WO2019/161542  
 (43) 29.08.2019  
 (72) CHEN, Wenhong; SHI, Zhihua  
 (74) Davies Collison Cave Pty Ltd

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018421493  
 (21) 2018421493 (22) 04.05.2018  
 (54) Wireless communication method, communication device, chip and system  
 (51) Int. Cl.  
*H04W 68/00* ( 2009.01 )  
 (87) WO2019/210517  
 (43) 07.11.2019  
 (72) TANG, Hai  
 (74) Davies Collison Cave Pty Ltd

(71) Guangdong Raynovent Biotech Co., Ltd.  
 (11) AU-A-2019230497  
 (21) 2019230497 (22) 05.03.2019  
 (54) Crystal form and salt form of pyridoimidazole compound and preparation method therefor  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
 (87) WO2019/170067  
 (31) 201810180641.8 (32) 05.03.18 (33) CN  
 (43) 12.09.2019  
 (72) XIONG, Jian; CHEN, Xiaoxin; WANG, Jingjing; LIU, Zhuowei; CHEN, Kevin X.; LIU, Chengwu; XIE, Cheng; LONG, Chaofeng; LI, Peng; LI, Jian; CHEN, Shuhui  
 (74) Madderns Pty Ltd

(71) Guide Beauty LLC  
 (11) AU-A-2019218878  
 (21) 2019218878 (22) 07.02.2019  
 (54) Cosmetic applicator wand; assembly for application of cosmetic comprising an applicator wand and an applicator and a method for applying cosmetic formulation  
 (51) Int. Cl.  
*A45D 40/26* ( 2006.01 )  
*A45D 34/04* ( 2006.01 )  
*A46B 5/02* ( 2006.01 )  
 (87) WO2019/157206  
 (31) 62/627,860 (32) 08.02.18 (33) US  
 (43) 15.08.2019  
 (72) SILVERBERG, Terri  
 (74) FB Rice Pty Ltd

(71) H. Lee Moffitt Cancer Center and Research Institute Inc.  
 (11) AU-A-2019226101  
 (21) 2019226101 (22) 22.02.2019  
 (54) CD83-binding chimeric antigen receptors  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (87) WO2019/165156  
 (31) 62/634,435 (32) 23.02.18 (33) US  
 62/677,783 30.05.18 US  
 (43) 29.08.2019  
 (72) DAVILA, Marco; BETTS, Brian  
 (74) FPA Patent Attorneys Pty Ltd

(71) H2 PowerTech, LLC  
 (11) AU-A-2019229933

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

- (21) 2019229933 (22) 14.02.2019  
 (54) Forming liquid mixtures having predetermined mix ratios, and reforming and fuel cell systems utilizing the liquid mixtures  
 (51) Int. Cl.  
**B60K 3/00** ( 2006.01 )  
**C01B 3/02** ( 2006.01 )  
**C01B 3/32** ( 2006.01 )  
**C01B 3/34** ( 2006.01 )  
**F22G 5/12** ( 2006.01 )  
 (87) WO2019/173034  
 (31) 15/912,151 (32) 05.03.18 (33) US  
 (43) 12.09.2019  
 (72) HICKS, Michael Tyler  
 (74) Spruson & Ferguson
- 
- (71) H3 Dynamics Holdings Pte. Ltd.  
 (11) AU-A-2019213466  
 (21) 2019213466 (22) 31.01.2019  
 (54) Landing platform with improved charging for unmanned vehicles  
 (51) Int. Cl.  
**B64F 1/00** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**B64F 1/22** ( 2006.01 )  
**E04H 6/44** ( 2006.01 )  
 (87) WO2019/151947  
 (31) 10201800995P (32) 05.02.18 (33) SG  
 10201808859S 08.10.18 SG  
 (43) 08.08.2019  
 (72) WANKEWYCZ, Taras; KESMEZ, Mehmet; LEE, Cher Chuan; HAN, Bo; THAKAR, Harshavardhan  
 (74) Golja Haines & Friend
- 
- (71) H3 Dynamics Holdings Pte. Ltd.  
 (11) AU-A-2019215250  
 (21) 2019215250 (22) 01.02.2019  
 (54) Hydrogen generator and a method for generating hydrogen  
 (51) Int. Cl.  
**C01B 3/06** ( 2006.01 )  
**B01J 7/02** ( 2006.01 )  
**H01M 8/065** ( 2016.01 )  
 (87) WO2019/151953  
 (31) 10201800957X (32) 03.02.18 (33) SG  
 1811769.7 19.07.18 GB  
 (43) 08.08.2019  
 (72) WANKEWYCZ, Taras; LI, Aidan; ZHANG, Xiaohu  
 (74) Golja Haines & Friend
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018427118  
 (21) 2018427118 (22) 28.11.2018  
 (54) Multi-location virtual collaboration, monitoring, and control  
 (51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
**G02B 27/01** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
 (87) WO2019/236126  
 (31) 62/682,374 (32) 08.06.18 (33) US  
 62/682,391 08.06.18 US  
 62/682,408 08.06.18 US  
 62/682,341 08.06.18 US  
 62/682,358 08.06.18 US
- 
- (43) 12.12.2019  
 (72) BACHMAN, Troy D.; SNEED, Craig A.; BLASCHKE, Keith Edward; MENDENALL, Paul Lewis; NEAL, Charles Edward; WILLIAMS, Derek Ray; COMBS, Stanley C.; ABEL, Derek J.  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018427119  
 (21) 2018427119 (22) 28.11.2018  
 (54) Virtual real time operation  
 (51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
**G02B 27/01** ( 2006.01 )  
**G05B 19/418** ( 2006.01 )  
 (87) WO2019/236127  
 (31) 62/682,374 (32) 08.06.18 (33) US  
 62/682,391 08.06.18 US  
 62/682,358 08.06.18 US  
 62/682,341 08.06.18 US  
 62/682,408 08.06.18 US  
 (43) 12.12.2019  
 (72) NEAL III, Charles Edward; WILLIAMS, Derek Ray  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018427120  
 (21) 2018427120 (22) 28.11.2018  
 (54) Real-time operations information on wearable smart heads up display  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06F 3/16** ( 2006.01 )  
**G06Q 50/10** ( 2012.01 )  
 (87) WO2019/236128  
 (31) 62/682,391 (32) 08.06.18 (33) US  
 62/682,374 08.06.18 US  
 62/682,358 08.06.18 US  
 62/682,341 08.06.18 US  
 62/682,408 08.06.18 US  
 (43) 12.12.2019  
 (72) ABEL, Derek J.; COMBS, Stanley C.; SNEED, Craig A.  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018427121  
 (21) 2018427121 (22) 28.11.2018  
 (54) Virtual job control  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**G06Q 50/02** ( 2012.01 )  
**G08C 19/00** ( 2006.01 )  
 (87) WO2019/236129  
 (31) 62/682,408 (32) 08.06.18 (33) US  
 62/682,341 08.06.18 US  
 62/682,358 08.06.18 US  
 62/682,374 08.06.18 US  
 62/682,391 08.06.18 US  
 (43) 12.12.2019  
 (72) WILLIAMS, Derek Ray; NEAL III, Charles Edward  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2018427122  
 (21) 2018427122 (22) 28.11.2018  
 (54) Well site collaboration system with smart technology  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**G06Q 50/10** ( 2012.01 )  
**H04L 12/28** ( 2006.01 )  
 (87) WO2019/236130  
 (31) 62/682,408 (32) 08.06.18 (33) US  
 62/682,391 08.06.18 US  
 62/682,341 08.06.18 US  
 62/682,358 08.06.18 US  
 62/682,374 08.06.18 US  
 (43) 12.12.2019  
 (72) BLASCHKE, Keith Edward; MENDENALL, Paul Lewis  
 (74) Spruson & Ferguson
- 
- (71) Hardt IP B.V.  
 (11) AU-A-2019224913  
 (21) 2019224913 (22) 21.02.2019  
 (54) Method of controlling a direction of a trajectory of a vehicle  
 (51) Int. Cl.  
**B61L 23/00** ( 2006.01 )  
**B60L 13/00** ( 2006.01 )  
**B61B 13/10** ( 2006.01 )  
 (87) WO2019/164395  
 (31) 2020480 (32) 22.02.18 (33) NL  
 (43) 29.08.2019  
 (72) GEUZE, Marijn Jesper; LAMME, Sascha; KOOGER, Bauke Jan; VAN DER MEIJS, Marinus Wilhelmus Eliza  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Healthcare Technology Innovation Centre  
 (11) AU-A-2019283732  
 (21) 2019283732 (22) 07.06.2019  
 (54) Multi-modal ultrasound probe for calibration-free cuff-less evaluation of blood pressure  
 (51) Int. Cl.  
**A61B 8/04** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
 (87) WO2019/234764  
 (31) 201841021390 (32) 07.06.18 (33) IN  
 (43) 12.12.2019  
 (72) MASHOOD, Nabeel Pilaparambil; JOSEPH, Jayaraj; SIVAPRAKASAM, Mohanasankar; KIRAN, Vangapandu Raj  
 (74) Michael Buck IP
- 
- (71) Healthcare Technology Innovation Centre  
 (11) AU-A-2019283733  
 (21) 2019283733 (22) 07.06.2019  
 (54) Multi-modal ultrasound probe for calibration-free cuff-less evaluation of blood pressure  
 (51) Int. Cl.  
**A61B 8/04** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
 (87) WO2019/234765  
 (31) 201841021390 (32) 07.06.18 (33) IN



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

- (43) 12.12.2019  
 (72) MASHOOD, Nabeel Pilaparambil; JOSEPH, Jayaraj; SIVAPRAKASAM, Mohanasankar; KIRAN, Vangapandu Raj  
 (74) Michael Buck IP
- 
- (71) Healthcare Technology Innovation Centre  
 (11) AU-A-2019283734  
 (21) 2019283734 (22) 07.06.2019  
 (54) Multi-modal ultrasound probe for calibration-free cuff-less evaluation of blood pressure  
 (51) Int. Cl.  
 A61B 8/04 ( 2006.01 )  
 A61B 5/02 ( 2006.01 )  
 (87) WO2019/234766  
 (31) 201841021390 (32) 07.06.18 (33) IN  
 (43) 12.12.2019  
 (72) MASHOOD, Nabeel Pilaparambil; JOSEPH, Jayaraj; SIVAPRAKASAM, Mohanasankar; KIRAN, Vangapandu Raj  
 (74) Michael Buck IP
- 
- (71) Healthcare Technology Innovation Centre  
 (11) AU-A-2019283735  
 (21) 2019283735 (22) 07.06.2019  
 (54) Multi-modal ultrasound probe for calibration-free cuff-less evaluation of blood pressure  
 (51) Int. Cl.  
 A61B 8/04 ( 2006.01 )  
 A61B 5/02 ( 2006.01 )  
 (87) WO2019/234767  
 (31) 201841021390 (32) 07.06.18 (33) IN  
 (43) 12.12.2019  
 (72) MASHOOD, Nabeel Pilaparambil; JOSEPH, Jayaraj; SIVAPRAKASAM, Mohanasankar; KIRAN, Vangapandu Raj  
 (74) Michael Buck IP
- 
- (71) Hemotek, LLC  
 (11) AU-A-2019302301  
 (21) 2019302301 (22) 18.02.2019  
 (54) Fuel including poly-oxygenated metal hydroxide  
 (51) Int. Cl.  
 A61K 8/26 ( 2006.01 )  
 B01D 46/24 ( 2006.01 )  
 C10L 1/12 ( 2006.01 )  
 (87) WO2020/013888  
 (31) 62/632,126 (32) 19.02.18 (33) US  
 16/259,426 28.01.19 US  
 (43) 16.01.2020  
 (72) WOODMANSEE Jr., John W.  
 (74) WRAYS PTY LTD
- 
- (71) Henkel IP & Holding GmbH  
 (11) AU-A-2019257331  
 (21) 2019257331 (22) 16.04.2019  
 (54) Contact adhesives and uses thereof  
 (51) Int. Cl.  
 C09J 11/08 ( 2006.01 )  
 B32B 7/12 ( 2006.01 )  
 C09J 7/20 ( 2018.01 )  
 C09J 7/38 ( 2018.01 )  
 C09J 123/08 ( 2006.01 )  
 C09J 191/06 ( 2006.01 )
- 
- (71) Hitachi Chemical Company, Ltd.  
 (11) AU-A-2018406921  
 (21) 2018406921 (22) 31.01.2018  
 (54) Short-circuit prevention member, power storage battery, power storage device, and power storage system  
 (51) Int. Cl.  
 H01M 2/28 ( 2006.01 )  
 H01M 2/02 ( 2006.01 )  
 H01M 2/34 ( 2006.01 )  
 (87) WO2019/150477  
 (43) 08.08.2019  
 (72) AONE, Shigeo; TSUJII, Nobunaga; KIMURA, Tetsuya  
 (74) Spruson & Ferguson
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2018415738  
 (21) 2018415738 (22) 27.03.2018  
 (54) Photographic method, photographic apparatus, and mobile terminal  
 (51) Int. Cl.  
 H04N 5/243 ( 2006.01 )  
 (87) WO2019/183819  
 (43) 03.10.2019  
 (72) SUN, Tao; ZHU, Congchao  
 (74) Spruson & Ferguson
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2019221225  
 (21) 2019221225 (22) 12.02.2019  
 (54) OFDM communications system with method for determination of subcarrier offset for OFDM symbol generation  
 (51) Int. Cl.  
 H04W 72/04 ( 2009.01 )  
 (87) WO2019/158046  
 (31) 62/631,144 (32) 15.02.18 (33) US  
 16/199,883 26.11.18 US  
 (43) 22.08.2019  
 (72) ABDOLI, Javad; TANG, Zhenfei  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2019248674  
 (21) 2019248674 (22) 29.03.2019  
 (54) Method and device for reducing time delay  
 (51) Int. Cl.  
 H04W 74/00 ( 2009.01 )  
 (87) WO2019/192409  
 (31) 201810302075.3 (32) 04.04.18 (33) CN  
 (43) 10.10.2019  
 (72) SHAO, Hua; HUANG, Huang; YAN, Mao; GAO, Kuandong  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2019260241  
 (21) 2019260241 (22) 26.04.2019  
 (54) Photovoltaic module-based degradation processing method and related device  
 (51) Int. Cl.  
 H01L 31/18 ( 2006.01 )  
 (87) WO2019/206269  
 (31) 201810397532.1 (32) 27.04.18 (33) CN  
 (43) 31.10.2019  
 (72) LUO, Tao; JING, Xiaming; HUANG, Boning  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Huntley, S.  
 (11) AU-A-2019225391  
 (21) 2019225391 (22) 15.02.2019  
 (54) An adaptive and adaptable message display system  
 (51) Int. Cl.  
 G08G 1/09 ( 2006.01 )  
 E01F 9/608 ( 2016.01 )  
 E01F 9/615 ( 2016.01 )  
 F21S 4/00 ( 2016.01 )  
 G08G 1/07 ( 2006.01 )  
 G08G 1/16 ( 2006.01 )  
 G09F 9/302 ( 2006.01 )  
 G09F 13/00 ( 2006.01 )  
 (87) WO2019/161437  
 (31) 2018900573 (32) 22.02.18 (33) AU  
 (43) 29.08.2019  
 (72) HUNTLEY, Sean  
 (74) Michael Buck IP
- 
- (71) Hussain, A.  
 (11) AU-A-2019212597  
 (21) 2019212597 (22) 14.01.2019  
 (54) Wind flow operated ventilation and energy harnessing device

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

- (51) Int. Cl.  
**F03D 1/04** ( 2006.01 )  
**F03D 9/00** ( 2016.01 )  
**F24F 7/04** ( 2006.01 )
- (87) WO2019/145971  
(31) 201831002689 (32) 23.01.18 (33) IN  
(43) 01.08.2019  
(72) HUSSAIN, Ahmad  
(74) Ahmad Hussain
- 
- (71) Hydroside Systems LLC  
(11) AU-A-2019214955  
(21) 2019214955 (22) 30.01.2019  
(54) Hydroelectrically-charged agricultural irrigation prime mover and mobile agricultural irrigation system including the same
- (51) Int. Cl.  
**A01G 25/09** ( 2006.01 )
- (87) WO2019/152542  
(31) 62/625,568 (32) 02.02.18 (33) US  
(43) 08.08.2019  
(72) MOHR, Dana Clifford; MOHR, Sharon Elizabeth  
(74) Argon IP Advisory Pty Ltd
- 
- (71) Hyl Technologies S.A. de C.V.; Danieli & C. Officine Meccaniche S.p.A.  
(11) AU-A-2018411537  
(21) 2018411537 (22) 08.03.2018  
(54) Container, device and method for storing or processing particulate materials to minimize or eliminate vibrations such as quaking or shaking
- (51) Int. Cl.  
**F27D 3/00** ( 2006.01 )  
**B65D 88/28** ( 2006.01 )  
**F27B 1/20** ( 2006.01 )  
**F27B 1/21** ( 2006.01 )  
**F27B 3/18** ( 2006.01 )  
**F27D 3/10** ( 2006.01 )
- (87) WO2019/171146  
(43) 12.09.2019  
(72) MORALES SERRANO, Raúl; MAGGI-OLINO, Stefano; BECERRA LUCATERO, Luis Manuel; MARTINIS, Alessandro; TAVANO, Andrea  
(74) AJ PARK
- 
- (71) Ieso Digital Health Limited  
(11) AU-A-2019229758  
(21) 2019229758 (22) 06.03.2019  
(54) Improvements in or relating to psychological profiles
- (51) Int. Cl.  
**G16H 50/50** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )
- (87) WO2019/171049  
(31) 1803604.6 (32) 06.03.18 (33) GB  
1808020.0 17.05.18 GB  
(43) 12.09.2019  
(72) WINGFIELD, Ana Maria Ferreira Paradelá Catarino; MARTIN, Alan James; BLACKWELL, Andrew; FAWCETT, Jonathan Matthew  
(74) Davies Collison Cave Pty Ltd
- 
- (71) IFP Energies nouvelles  
(11) AU-A-2019215587  
(21) 2019215587 (22) 09.01.2019  
(54) Method for establishing the excitation force applied by the swell incident on a movable means of a wave energy system using a model of the drag force
- (51) Int. Cl.  
**G01M 10/00** ( 2006.01 )  
**F03B 13/14** ( 2006.01 )  
**G01L 5/00** ( 2006.01 )
- (87) WO2019/149481  
(31) 1850782 (32) 31.01.18 (33) FR  
(43) 08.08.2019  
(72) NGUYEN, Hoai-Nam; TONA, Paolino  
(74) Griffith Hack
- 
- (71) IGTX, LLC  
(11) AU-A-2019233901  
(21) 2019233901 (22) 15.03.2019  
(54) Synthetic DNA vectors and methods of use
- (51) Int. Cl.  
**A61K 31/513** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )
- (87) WO2019/178500  
(31) 62/643,336 (32) 15.03.18 (33) US  
62/749,369 23.10.18 US  
(43) 19.09.2019  
(72) SCHNEPP, Bruce C.; JOHNSON, Philip R.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Imagine Scientific, Inc.  
(11) AU-A-2019218240  
(21) 2019218240 (22) 08.02.2019  
(54) Monochromatic x-ray imaging systems and methods
- (51) Int. Cl.  
**A61B 6/00** ( 2006.01 )  
**A61B 6/02** ( 2006.01 )  
**A61B 6/03** ( 2006.01 )  
**A61N 5/10** ( 2006.01 )  
**H05G 2/00** ( 2006.01 )
- (87) WO2019/157386  
(31) 62/628,904 (32) 09.02.18 (33) US  
(43) 15.08.2019  
(72) SILVER, Eric H.  
(74) Shelston IP Pty Ltd.
- 
- (71) Immunic AG  
(11) AU-A-2019233698  
(21) 2019233698 (22) 15.03.2019  
(54) Novel calcium salt polymorphs as anti-inflammatory, immunomodulatory and anti-proliferatory agents
- (51) Int. Cl.  
**C07C 233/60** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )
- (87) WO2019/175396  
(31) 18162244.0 (32) 16.03.18 (33) EP  
(43) 19.09.2019  
(72) VITT, Daniel; MÜHLER, Andreas; GRÖPPEL, Manfred; KOHLHOF, Hella  
(74) Davies Collison Cave Pty Ltd
- 
- (71) inApril AS  
(11) AU-A-2019226989  
(21) 2019226989 (22) 01.03.2019  
(54) Method for correction of clock drift in seismic nodes, a seismic node and a seismic node handling system
- (51) Int. Cl.  
**G01V 1/36** ( 2006.01 )  
**G01V 1/24** ( 2006.01 )  
**G04F 10/00** ( 2006.01 )  
**G04G 7/00** ( 2006.01 )  
**G06F 1/12** ( 2006.01 )
- (87) WO2019/168411  
(31) 20180319 (32) 02.03.18 (33) NO  
(43) 06.09.2019  
(72) AANENSEN, Oistein  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Indorama Ventures Oxides LLC  
(11) AU-A-2019284642  
(21) 2019284642 (22) 12.06.2019  
(54) Agrochemical dispersants
- (51) Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/14** ( 2006.01 )  
**A01N 43/20** ( 2006.01 )
- (87) WO2019/241317  
(31) 62/684,885 (32) 14.06.18 (33) US  
(43) 19.12.2019  
(72) STERN, Alan J.  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Ingine, Inc.  
(11) AU-A-2019232264  
(21) 2019232264 (22) 08.03.2019  
(54) Wave power generation system and method for controlling same
- (51) Int. Cl.  
**F03B 13/18** ( 2006.01 )  
**F03B 11/00** ( 2006.01 )  
**F03B 15/00** ( 2006.01 )
- (87) WO2019/172708  
(31) 10-2018-0028033 (32) 09.03.18 (33) KR  
(43) 12.09.2019  
(72) SUNG, Yong Jun  
(74) Spruson & Ferguson
- 
- (71) Innospec Limited  
(11) AU-A-2019246651  
(21) 2019246651 (22) 25.03.2019  
(54) Composition, method and use
- (51) Int. Cl.  
**C10L 1/222** ( 2006.01 )  
**C10L 1/2383** ( 2006.01 )  
**C10L 10/02** ( 2006.01 )
- (87) WO2019/186125  
(31) 1805238.1 (32) 29.03.18 (33) GB  
(43) 03.10.2019  
(72) MULQUEEN, Simon Christopher; WOODALL, Keith  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Innovent Biologics (Suzhou) Co., Ltd.  
(11) AU-A-2019310803  
(21) 2019310803 (22) 25.07.2019  
(54) Anti-TIGIT antibody and uses thereof
- (51) Int. Cl.

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

- A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2020/020281  
**(31)** 201810823583.6 **(32)** 25.07.18 **(33)** CN  
**(43)** 30.01.2020  
**(72)** SHI, Xinzhen; ZHANG, Pan; LIU, Junjian  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Intuit Inc.  
**(11)** AU-A-2019227432  
**(21)** 2019227432 **(22)** 01.02.2019  
**(54)** Matching adopting users and contributing users for decentralized software localization  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
**G06F 8/71** ( 2018.01 )  
**G06F 8/76** ( 2018.01 )  
**(87)** WO2019/168632  
**(31)** 15/908,409 **(32)** 28.02.18 **(33)** US  
**(43)** 06.09.2019  
**(72)** PAI, Yogish; GOYETTE, Steve George; MACMARTIN, Robert Bruce; KADABA, Bharath; HARI, Narayana; SAIMANI, Jayanth; VERMA, Anshu; SHARMA, Anil; ASWATH, Kiran; KURIAN, Merrin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Intuit Inc.  
**(11)** AU-A-2019426881  
**(21)** 2019426881 **(22)** 30.07.2019  
**(54)** Method and system of dynamic model selection for time series forecasting  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 10/04** ( 2012.01 )  
**(87)** WO2020/159575  
**(31)** 16/262,208 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(72)** RAO, Shashank Shashikant; DASGUPTA, Sambarta; DILLARD, Colin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Ionis Pharmaceuticals, Inc.  
**(11)** AU-A-2019240214  
**(21)** 2019240214 **(22)** 21.03.2019  
**(54)** Modulation of HSD17B13 expression  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**(87)** WO2019/183329  
**(31)** 62/646,338 **(32)** 21.03.18 **(33)** US  
**(43)** 26.09.2019  
**(72)** MURRAY, Susan F.; ZHANG, Jiangwei; BUI, Huynh-Hoa  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Israel Aerospace Industries Ltd.  
**(11)** AU-A-2019240294  
**(21)** 2019240294 **(22)** 11.03.2019  
**(54)** Aerial vehicle securing system and method  
**(51)** Int. Cl.  
**B64F 1/12** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**(87)** WO2019/180695  
**(31)** 258310 **(32)** 22.03.18 **(33)** IL
- 
- (43)** 26.09.2019  
**(72)** GELMAN, Gil; ELNEKAVE, David; HERZIG, Yoav  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Itä-Suomen Yliopisto  
**(11)** AU-A-2019226356  
**(21)** 2019226356 **(22)** 28.02.2019  
**(54)** Electrode patch, system, and method for detecting indicator of Pparkinson's disease in person  
**(51)** Int. Cl.  
**A61B 5/0492** ( 2006.01 )  
**A61B 5/0488** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G16H 50/20** ( 2018.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**(87)** WO2019/166557  
**(31)** 18159445.8 **(32)** 01.03.18 **(33)** EP  
**(43)** 06.09.2019  
**(72)** KARJALAINEN, Pasi; RISSANEN, Saara  
**(74)** Spruson & Ferguson
- 
- (71)** ITO EN, Ltd.  
**(11)** AU-A-2019211602  
**(21)** 2019211602 **(22)** 22.01.2019  
**(54)** Tea growth promotion method  
**(51)** Int. Cl.  
**A01G 22/00** ( 2018.01 )  
**A01G 7/06** ( 2006.01 )  
**A01G 17/00** ( 2006.01 )  
**(87)** WO2019/146561  
**(31)** 2018-010189 **(32)** 25.01.18 **(33)** JP  
**(43)** 01.08.2019  
**(72)** ISHIGAMI, Kouji; YOSHIDA, Hikaru; FU, Jieqi  
**(74)** Griffith Hack
- 
- (71)** Janssen Sciences Ireland Unlimited Company  
**(11)** AU-A-2019260109  
**(21)** 2019260109 **(22)** 19.04.2019  
**(54)** Heteroaromatic compounds having activity against RSV  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**(87)** WO2019/206828  
**(31)** 18168671.8 **(32)** 23.04.18 **(33)** EP  
**(43)** 31.10.2019  
**(72)** LANÇOIS, David Francis Alain; GUILLEMONT, Jérôme Émile Georges; RABOISON, Pierre Jean-Marie Bernard; RIGAUX, Peter; MICHAUT, Antoine Benjamin; QUATREVAUX, Sabrina Dany France; SOVY, Chao; ROYMANS, Dirk André Emmy  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** JENOPTIK Robot GmbH  
**(11)** AU-A-2019239572  
**(21)** 2019239572 **(22)** 19.03.2019  
**(54)** Method and device for monitoring and/or detecting a sensor system of a vehicle  
**(51)** Int. Cl.
- 
- G01S 13/93** ( 2006.01 )  
**B60W 50/04** ( 2006.01 )  
**G01M 11/06** ( 2006.01 )  
**G01S 7/40** ( 2006.01 )  
**G01S 7/497** ( 2006.01 )  
**G01S 7/52** ( 2006.01 )  
**G01S 15/93** ( 2006.01 )  
**G01S 17/93** ( 2006.01 )  
**B60W 50/02** ( 2012.01 )  
**(87)** WO2019/180014  
**(31)** 10 2018 106 594.9 **(32)** 21.03.18 **(33)** DE  
**(43)** 26.09.2019  
**(72)** MAAG, Einar; KIENITZ, Stefan  
**(74)** Spruson & Ferguson
- 
- (71)** JFE Steel Corporation  
**(11)** AU-A-2019227102  
**(21)** 2019227102 **(22)** 22.02.2019  
**(54)** Method for manufacturing manganese raw material and method for smelting manganese-containing steel  
**(51)** Int. Cl.  
**C22B 47/00** ( 2006.01 )  
**C21C 7/00** ( 2006.01 )  
**(87)** WO2019/167841  
**(31)** 2018-036865 **(32)** 01.03.18 **(33)** JP  
**(43)** 06.09.2019  
**(72)** ODA, Nobuhiko; HINO, Yuta; TAKAKI, Yuki; NISHINA, Yoshiaki; KIKUCHI, Naoki  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Jhunjhunwala, S.  
**(11)** AU-A-2018423498  
**(21)** 2018423498 **(22)** 08.09.2018  
**(54)** A twill fabric comprising cotton warp and polyester weft  
**(51)** Int. Cl.  
**D03D 15/00** ( 2006.01 )  
**A47G 9/02** ( 2006.01 )  
**D03D 1/00** ( 2006.01 )  
**D03D 41/00** ( 2006.01 )  
**D03D 47/28** ( 2006.01 )  
**(87)** WO2019/220195  
**(31)** 201821018379 **(32)** 16.05.18 **(33)** IN  
**(43)** 21.11.2019  
**(72)** JHUNJHUNWALA, Sachin  
**(74)** Pangaea IP Consultants
- 
- (71)** Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.  
**(11)** AU-A-2019218177  
**(21)** 2019218177 **(22)** 31.01.2019  
**(54)** Steroid derivative regulators, method for preparing the same, and uses thereof  
**(51)** Int. Cl.  
**C07J 3/00** ( 2006.01 )  
**A61K 31/57** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07J 5/00** ( 2006.01 )  
**C07J 7/00** ( 2006.01 )  
**C07J 17/00** ( 2006.01 )  
**C07J 43/00** ( 2006.01 )  
**(87)** WO2019/154257  
**(31)** 201810771964.4 **(32)** 13.07.18 **(33)** CN  
 201810491114.9 21.05.18 CN

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

- 201810180543.4 05.03.18 CN **B62B 3/02** ( 2006.01 )  
 201810141153.6 11.02.18 CN **B62B 3/00** ( 2006.01 )  
 201811408081.3 23.11.18 CN (87) WO2019/180315  
 (43) 15.08.2019 (31) 20185267 (32) 21.03.18 (33) FI  
 (72) SU, Yidong; DENG, Haining; CHEN, (43) 26.09.2019  
 Xiaopo; BAO, Rudi; ZHANG, Fujun (72) RANINEN, Jussi; JÄRVI, Mikko; KO-  
 (74) Spruson & Ferguson SONEN, Juha  
 (74) Arceo IP
- 
- (71) Jiangsu Nhwaluokang Pharmaceutical Re-  
 search and Development Co., Ltd.  
 (11) AU-A-2019222052  
 (21) 2019222052 (22) 13.02.2019  
 (54) Benzodiazepine derivative hydrochloride  
 and crystal form, preparation method, and  
 application thereof  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/5517** ( 2006.01 )  
**A61P 21/02** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )  
**A61P 25/20** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
 (87) WO2019/158075  
 (31) 201810151979.0 (32) 13.02.18 (33) CN  
 (43) 22.08.2019  
 (72) LI, Qingeng; DUAN, Chen; WANG, Tao;  
 LIAO, Jian; LI, Changwen; HAO, Chao  
 (74) FB Rice Pty Ltd
- 
- (71) Juul Labs, Inc.  
 (11) AU-A-2019228539  
 (21) 2019228539 (22) 27.02.2019  
 (54) Mass output controlled vaporizer  
 (51) Int. Cl.  
**A24F 47/00** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**A61M 15/06** ( 2006.01 )  
 (87) WO2019/169002  
 (31) 62/636,086 (32) 27.02.18 (33) US  
 (43) 06.09.2019  
 (72) BOWEN, Adam; ATKINS, Ariel  
 (74) Spruson & Ferguson
- 
- (71) K. Hartwall Oy Ab; Container Centralen A/  
 S  
 (11) AU-A-2019228348  
 (21) 2019228348 (22) 22.02.2019  
 (54) Logistics system  
 (51) Int. Cl.  
**B62B 3/02** ( 2006.01 )  
**B62B 3/00** ( 2006.01 )  
**B65D 19/06** ( 2006.01 )  
**B65D 19/18** ( 2006.01 )  
**B65D 19/20** ( 2006.01 )  
 (87) WO2019/166692  
 (31) 20185192 (32) 01.03.18 (33) FI  
 (43) 06.09.2019  
 (72) LINDSTRÖM, Johan  
 (74) Arceo IP
- 
- (71) K. Hartwall Oy Ab  
 (11) AU-A-2019239822  
 (21) 2019239822 (22) 18.03.2019  
 (54) A caster assembly, a chassis comprising  
 such an assembly, and a roll container com-  
 prising such a chassis  
 (51) Int. Cl.
- 
- (71) K&N Engineering, Inc.  
 (11) AU-A-2019222988  
 (21) 2019222988 (22) 14.02.2019  
 (54) Modular intercooler block  
 (51) Int. Cl.  
**F02B 29/04** ( 2006.01 )  
**F02B 33/00** ( 2006.01 )  
**F02M 35/10** ( 2006.01 )  
**F28D 7/16** ( 2006.01 )  
**F28D 15/00** ( 2006.01 )  
 (87) WO2019/164750  
 (31) 16/275,075 (32) 13.02.19 (33) US  
 62/632,999 20.02.18 US  
 (43) 29.08.2019  
 (72) FIELLO, Jonathan Richard; STEVENS,  
 Matthew; WILLIAMS, Steve  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kambouris, A.  
 (11) AU-A-2019225447  
 (21) 2019225447 (22) 20.02.2019  
 (54) Systems and methods for the preparation of  
 plant derived products using osmosis tech-  
 niques  
 (51) Int. Cl.  
**A23L 2/08** ( 2006.01 )  
**B01D 61/00** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
 (87) WO2019/161444  
 (31) 2018902142 (32) 15.06.18 (33) AU  
 2018900561 22.02.18 AU  
 (43) 29.08.2019  
 (72) KAMBOURIS, Ambrosios  
 (74) LESICAR MAYNARD ANDREWS PTY  
 LTD
- 
- (71) Kandy Therapeutics Limited  
 (11) AU-A-2019233606  
 (21) 2019233606 (22) 13.03.2019  
 (54) Novel pharmaceutical formulation compris-  
 ing dual NK-1/NK-3 receptor antagonists  
 (51) Int. Cl.  
**A61K 31/5383** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
 (87) WO2019/175253  
 (31) 62/642,622 (32) 14.03.18 (33) US  
 (43) 19.09.2019  
 (72) TROWER, Mike; KERR, Mary; ELDER,  
 David; LAZARO, Monica; BUSH, Derek  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Keeson Technology Corporation Limited;  
 Zhejiang Yangtze Delta Region Institute of  
 Tsinghua University  
 (11) AU-A-2018407961  
 (21) 2018407961 (22) 01.08.2018
- 
- (54) Integrated physiological signal detection  
 sensor  
 (51) Int. Cl.  
**G01H 11/08** ( 2006.01 )  
 (87) WO2019/153666  
 (31) 201810119651.0 (32) 06.02.18 (33) CN  
 (43) 15.08.2019  
 (72) SHAN, Huaifeng; WANG, Jiadong; CAO,  
 Kaimin; LI, Hongwen; YU, Yuan  
 (74) Madderns Pty Ltd
- 
- (71) Kellogg Company  
 (11) AU-A-2019229236  
 (21) 2019229236 (22) 27.02.2019  
 (54) Method for producing a reduced sug-  
 ar-coated food product by dual application  
 and system therefore  
 (51) Int. Cl.  
**A23L 7/122** ( 2016.01 )  
**A23G 3/20** ( 2006.01 )  
**A23G 3/26** ( 2006.01 )  
**A23G 3/34** ( 2006.01 )  
**A23G 3/54** ( 2006.01 )  
**A23G 4/02** ( 2006.01 )  
**A23L 7/191** ( 2016.01 )  
**A23P 20/15** ( 2016.01 )  
**A23P 20/18** ( 2016.01 )  
 (87) WO2019/168915  
 (31) 62/637,529 (32) 02.03.18 (33) US  
 (43) 06.09.2019  
 (72) HOMAN, Eric Joseph; WILLIAMS, Tam-  
 ilara Rena; PEREZ-HERNANDEZ, Gabriela  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Keygene N.V.  
 (11) AU-A-2019246415  
 (21) 2019246415 (22) 01.04.2019  
 (54) QTLs for powdery mildew resistance in  
 melon  
 (51) Int. Cl.  
**A01H 1/04** ( 2006.01 )  
**A01H 5/08** ( 2018.01 )  
**C07K 14/415** ( 2006.01 )  
 (87) WO2019/185945  
 (31) 18165317.1 (32) 30.03.18 (33) EP  
 (43) 03.10.2019  
 (72) RIGOLA, Diana; HOFSTEDE, René Jo-  
 hannes Maria; LASTDRAGER, Magdalena  
 Barbara; CHAÏB, Jamila Maguy  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Khoury, J.  
 (11) AU-A-2019212640  
 (21) 2019212640 (22) 25.01.2019  
 (54) Micro wideband spectroscopic analysis  
 device  
 (51) Int. Cl.  
**G01J 3/02** ( 2006.01 )  
**G01J 3/12** ( 2006.01 )  
**G01J 3/18** ( 2006.01 )  
**G02B 3/14** ( 2006.01 )  
**G02B 5/18** ( 2006.01 )  
 (87) WO2019/147975  
 (31) 62/622,760 (32) 26.01.18 (33) US  
 62/623,009 27.02.18 US  
 (43) 01.08.2019  
 (72) KHOURY, Jed  
 (74) Jed Khoury

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

- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-A-2018411085  
 (21) 2018411085 (22) 28.02.2018  
 (54) Multi-layer absorbent cores and methods of manufacture  
 (51) Int. Cl.  
     **A61F 13/15** ( 2006.01 )  
     **A61F 13/53** ( 2006.01 )  
     **A61F 13/533** ( 2006.01 )  
     **A61F 13/537** ( 2006.01 )  
 (87) WO2019/165590  
 (43) 06.09.2019  
 (72) ZHANG, Tongtong; WANG, Yan; LEE, Jinhee; LU, Qingchun  
 (74) Spruson & Ferguson
- 
- (71) Klöckner Pentaplast GmbH  
 (11) AU-A-2019250610  
 (21) 2019250610 (22) 12.04.2019  
 (54) Method and system for optical product authentication  
 (51) Int. Cl.  
     **G06K 9/00** ( 2006.01 )  
 (87) WO2019/197628  
 (31) 10 2018 108 741.1 (32) 12.04.18 (33) DE  
 (43) 17.10.2019  
 (72) KOHLERT, Christian; MÜLLER, Axel; CHISTYKOVA, Tamara  
 (74) Griffith Hack
- 
- (71) Knitmasters, LLC  
 (11) AU-A-2019212646  
 (21) 2019212646 (22) 25.01.2019  
 (54) Shoe components having varying modulus zones  
 (51) Int. Cl.  
     **A43B 1/00** ( 2006.01 )  
     **A43B 1/02** ( 2006.01 )  
     **A43B 1/04** ( 2006.01 )  
     **A43B 5/00** ( 2006.01 )  
     **A43B 23/00** ( 2006.01 )  
     **A43B 23/02** ( 2006.01 )  
     **A43B 23/04** ( 2006.01 )  
 (87) WO2019/147981  
 (31) 62/622,285 (32) 26.01.18 (33) US  
 (43) 01.08.2019  
 (72) BRUNER, Jeffrey W.; ARISTIZABAL, Juan  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Kohl, T.  
 (11) AU-A-2019215793  
 (21) 2019215793 (22) 30.01.2019  
 (54) Door, door closing arrangement and door assembly  
 (51) Int. Cl.  
     **E06B 7/36** ( 2006.01 )  
     **E05D 5/08** ( 2006.01 )  
     **E05D 7/02** ( 2006.01 )  
     **E05D 15/50** ( 2006.01 )  
     **E05D 15/54** ( 2006.01 )  
     **E06B 3/36** ( 2006.01 )  
     **E06B 7/16** ( 2006.01 )  
 (87) WO2019/148238  
 (31) 2018900301 (32) 31.01.18 (33) AU
- 
- (43) 08.08.2019  
 (72) KOHL, Torsten; KOHL, Gerhard  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Komatsu Ltd.  
 (11) AU-A-2019285797  
 (21) 2019285797 (22) 27.02.2019  
 (54) Control system and method for work vehicle, and work vehicle  
 (51) Int. Cl.  
     **E02F 3/84** ( 2006.01 )  
 (87) WO2019/239646  
 (31) 2018-112221 (32) 12.06.18 (33) JP  
 (43) 19.12.2019  
 (72) TAKAOKA, Yukihiisa; KURE, Kazuki  
 (74) Shelston IP Pty Ltd.
- 
- (71) Korea Research Institute of Chemical Technology; Industry-Academic Cooperation Foundation, Yonsei University  
 (11) AU-A-2019217094  
 (21) 2019217094 (22) 31.01.2019  
 (54) Compounds for inhibiting TNiK and medical uses thereof  
 (51) Int. Cl.  
     **C07D 231/38** ( 2006.01 )  
     **A61K 31/415** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2019/156439  
 (31) 10-2018-0015170 (32) 07.02.18 (33) KR  
 (43) 15.08.2019  
 (72) CHANG, Sung Youn; LEE, Hyuk; KIM, Ki Young; KIM, Bum Tae; KIM, Sung Soo; KIM, Seong Hwan; LIM, Hwan Jung; HEO, Jung Nyoung; SHIN, Sang Joon; PARK, Sang Youn  
 (74) HopgoodGanim
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2018404657  
 (21) 2018404657 (22) 31.12.2018  
 (54) Cleaner  
 (51) Int. Cl.  
     **A47L 9/16** ( 2006.01 )  
     **A47L 5/24** ( 2006.01 )  
 (87) WO2019/146922  
 (31) 10-2018-0010953 (32) 29.01.18 (33) KR  
 (43) 01.08.2019  
 (72) HWANG, Jungbae; SONG, Sangyoung; LEE, Taekgi; CHO, Jinrae  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2019224862  
 (21) 2019224862 (22) 22.02.2019  
 (54) Washing machine and control method of washing machine  
 (51) Int. Cl.  
     **D06F 39/04** ( 2006.01 )  
     **D06F 37/42** ( 2006.01 )  
     **H05B 6/06** ( 2006.01 )  
     **H05B 6/10** ( 2006.01 )  
 (87) WO2019/164337  
 (31) 10-2018-0022114 (32) 23.02.18 (33) KR
- 
- (43) 29.08.2019  
 (72) JANG, Jaehyuk; KIM, Woore; HONG, Sangwook  
 (74) FB Rice Pty Ltd
- 
- (71) Locus Agriculture IP Company, LLC  
 (11) AU-A-2019223975  
 (21) 2019223975 (22) 20.02.2019  
 (54) Materials and methods for attracting and controlling plant-pathogenic nematodes  
 (51) Int. Cl.  
     **A01N 63/00** ( 2006.01 )  
     **A01N 65/08** ( 2009.01 )  
 (87) WO2019/164878  
 (31) 62/632,660 (32) 20.02.18 (33) US  
 (43) 29.08.2019  
 (72) FARMER, Sean; ALIBEK, Ken; MILOVANOVIC, Maja  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Lysaa Holding AS  
 (11) AU-A-2019214538  
 (21) 2019214538 (22) 01.02.2019  
 (54) High-density plant cultivation systems and related apparatuses and methods  
 (51) Int. Cl.  
     **A01G 31/04** ( 2006.01 )  
     **A01G 31/06** ( 2006.01 )  
 (87) WO2019/150322  
 (31) 62/625,014 (32) 01.02.18 (33) US  
 (43) 08.08.2019  
 (72) LYSAA, Per Aage  
 (74) FB Rice Pty Ltd
- 
- (71) Margin-Clear Pty Ltd  
 (11) AU-A-2019231330  
 (21) 2019231330 (22) 07.03.2019  
 (54) A topical brachytherapy device and a method of treatment of malignant cancer cells  
 (51) Int. Cl.  
     **A61K 51/12** ( 2006.01 )  
     **A61N 5/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2019/169445  
 (31) 2018900745 (32) 07.03.18 (33) AU  
 (43) 12.09.2019  
 (72) BURNETT, David; CROAGH, Daniel; NIKFARJAM, Mehrdad  
 (74) FB Rice Pty Ltd
- 
- (71) MBDA UK Limited  
 (11) AU-A-2019233941  
 (21) 2019233941 (22) 07.03.2019  
 (54) An imaging device  
 (51) Int. Cl.  
     **G02B 3/00** ( 2006.01 )  
     **G02F 1/29** ( 2006.01 )  
     **G03B 3/00** ( 2006.01 )  
     **H04N 5/225** ( 2006.01 )  
 (87) WO2019/175549  
 (31) 1803948.7 (32) 12.03.18 (33) GB  
 (43) 19.09.2019  
 (72) LOWE, Antony Joseph Frank  
 (74) Davies Collison Cave Pty Ltd
-

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

- (71) MediaTek Inc.  
 (11) AU-A-2019217409  
 (21) 2019217409 (22) 11.02.2019  
 (54) Method and apparatus of current picture refering for video coding using adaptive motion vector resolution and sub-block prediction mode  
 (51) Int. Cl.  
**H04N 7/24** ( 2011.01 )  
 (87) WO2019/154417  
 (31) 62/629,204 (32) 12.02.18 (33) US  
 62/742,474 08.10.18 US  
 62/747,170 18.10.18 US  
 (43) 15.08.2019  
 (72) LAI, Chen-Yen; LIN, Zhi-Yi; CHEN, Ching-Yeh; CHUANG, Tzu-Der  
 (74) Michael Buck IP
- 
- (71) Medigene Immunotherapies GmbH  
 (11) AU-A-2019225798  
 (21) 2019225798 (22) 28.01.2019  
 (54) NYESO TCR  
 (51) Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2019/162043  
 (31) LU100715 (32) 26.02.18 (33) LU  
 (43) 29.08.2019  
 (72) WEHNER, Carina; WEIS, Manon  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Medshine Discovery Inc.  
 (11) AU-A-2019218150  
 (21) 2019218150 (22) 29.01.2019  
 (54) Crystal form of 3,4-dihydrothieno[3,2-d]pyrimidine compound and preparation method therefor  
 (51) Int. Cl.  
**C07D 495/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
 (87) WO2019/154192  
 (31) 201810130625.8 (32) 08.02.18 (33) CN  
 (43) 15.08.2019  
 (72) XIONG, Jian; WANG, Jingjing; HU, Boyu; TAN, Haizhong; CHEN, Kevin X.; LI, Jian; CHEN, Shuhui  
 (74) WRAYS PTY LTD
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2019249721  
 (21) 2019249721 (22) 01.04.2019  
 (54) Heteroaryl compounds as type II IRAK inhibitors and uses hereof  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
 (87) WO2019/192962  
 (31) 62/652,981 (32) 05.04.18 (33) US  
 (43) 10.10.2019  
 (72) JORAND-LEBRUN, Catherine; BRUGGER, Nadia; JOHNSON, Theresa  
 (74) Griffith Hack
- 
- (71) Metcalfe, D.; Eubanks, R.  
 (11) AU-A-2019251102  
 (21) 2019251102 (22) 09.04.2019  
 (54) Balance board  
 (51) Int. Cl.  
**A63B 22/18** ( 2006.01 )  
 (87) WO2019/199761  
 (31) 15/950,069 (32) 10.04.18 (33) US  
 (43) 17.10.2019  
 (72) METCALFE, Daniel Benjamin  
 (74) Adams Pluck
- 
- (71) Metso Minerals, Inc.  
 (11) AU-A-2019223264  
 (21) 2019223264 (22) 18.02.2019  
 (54) Lifting tool for nut of inner wear part of cone crusher  
 (51) Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**B02C 23/00** ( 2006.01 )  
**B66C 1/62** ( 2006.01 )  
 (87) WO2019/162569  
 (31) 20185177 (32) 26.02.18 (33) FI  
 (43) 29.08.2019  
 (72) JÄRVENPÄÄ, Ville; VAKKURI, Hannu  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Mihaljevic, A.; Mirza, D.; Kraljevic, M.  
 (11) AU-A-2019238568  
 (21) 2019238568 (22) 19.03.2019  
 (54) Safety cap device  
 (51) Int. Cl.  
**E04C 5/16** ( 2006.01 )  
**E04G 21/32** ( 2006.01 )  
 (87) WO2019/178638  
 (31) 2018900940 (32) 22.03.18 (33) AU  
 (43) 26.09.2019  
 (72) MIHALJEVIC, Ante; MIHALJEVIC, Davor  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Minerva Biotechnologies Corporation  
 (11) AU-A-2019225237  
 (21) 2019225237 (22) 26.02.2019  
 (54) Diagnostic methods using anti-MUC1\* antibodies  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/04** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
 (87) WO2019/165421  
 (31) 62/635,378 (32) 26.02.18 (33) US  
 PCT/US18/62569 27.11.18 US  
 62/640,697 09.03.18 US  
 62/791,661 11.01.19 US  
 (43) 29.08.2019  
 (72) BAMDAD, Cynthia  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) MIT Entwicklungs GmbH  
 (11) AU-A-2019298826  
 (21) 2019298826 (22) 06.03.2019  
 (54) Patient-specific arthroplasty system  
 (51) Int. Cl.  
**G16H 20/40** ( 2018.01 )  
**A61B 34/10** ( 2016.01 )  
**G16H 30/40** ( 2018.01 )  
 (87) WO2020/008270  
 (31) 15/914,392 (32) 07.03.18 (33) US  
 (43) 09.01.2020  
 (72) PASZICSNYEK, Thomas  
 (74) Griffith Hack
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-A-2018411936  
 (21) 2018411936 (22) 08.03.2018  
 (54) Hot water supply device  
 (51) Int. Cl.  
**F24H 4/02** ( 2006.01 )  
**F25B 47/02** ( 2006.01 )  
 (87) WO2019/171532  
 (43) 12.09.2019  
 (72) MURATA, Kenta; TANAKA, Takahiro; HATANAKA, Kensaku  
 (74) Griffith Hack
- 
- (71) Monahan Products, LLC  
 (11) AU-A-2019225920  
 (21) 2019225920 (22) 21.02.2019  
 (54) Force finger  
 (51) Int. Cl.  
**B62B 7/00** ( 2006.01 )  
 (87) WO2019/165033  
 (31) 15/902,706 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (72) BASTIEN, Richard M.  
 (74) Spruson & Ferguson
- 
- (71) MU Mecanicos Unidos S.A.S  
 (11) AU-A-2019230224  
 (21) 2019230224 (22) 08.03.2019  
 (54) Hand operated press  
 (51) Int. Cl.  
**A21C 11/02** ( 2006.01 )  
**A21B 5/02** ( 2006.01 )  
**B30B 1/04** ( 2006.01 )  
**B30B 1/06** ( 2006.01 )  
**B30B 1/26** ( 2006.01 )  
 (87) WO2019/173748  
 (31) 15/916,377 (32) 09.03.18 (33) US  
 (43) 12.09.2019  
 (72) ZAPATA, David  
 (74) Admiral Trademarks & Patents Services
- 
- (71) Naismith Systems Inc.  
 (11) AU-A-2019225466  
 (21) 2019225466 (22) 19.02.2019  
 (54) Zippered garment providing selective access  
 (51) Int. Cl.  
**A41D 13/12** ( 2006.01 )  
**A41D 1/00** ( 2018.01 )  
**A41D 27/00** ( 2006.01 )  
**A44B 19/00** ( 2006.01 )  
 (87) WO2019/161481

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

- (31) 62/632,481 (32) 20.02.18 (33) US  
(43) 29.08.2019  
(72) NAISMITH, Ruth; NAISMITH, David  
(74) Baldwins Intellectual Property
- 
- (71) Nicoventures Trading Limited  
(11) AU-A-2019229726  
(21) 2019229726 (22) 12.02.2019  
(54) Electronic aerosol provision system  
(51) Int. Cl.  
*A24F 47/00* ( 2006.01 )  
*A61M 15/06* ( 2006.01 )
- (87) WO2019/171017  
(31) 1803648.3 (32) 07.03.18 (33) GB  
(43) 12.09.2019  
(72) MOLONEY, Patrick; DICKENS, Colin;  
CHAN, Justin Han Yang  
(74) Shelston IP Pty Ltd.
- 
- (71) Nicoventures Trading Limited  
(11) AU-A-2019244394  
(21) 2019244394 (22) 27.03.2019  
(54) Method and apparatus for aerosol provision  
system consumable authorisation  
(51) Int. Cl.  
*A24F 47/00* ( 2006.01 )
- (87) WO2019/186158  
(31) 1805205.0 (32) 29.03.18 (33) GB  
(43) 03.10.2019  
(72) MOLONEY, Patrick; KORUS, Anton;  
CHAN, Justin Han Yang  
(74) Shelston IP Pty Ltd.
- 
- (71) Nitto Kohki Co., Ltd.  
(11) AU-A-2019230285  
(21) 2019230285 (22) 20.02.2019  
(54) Handle device and punching machine  
(51) Int. Cl.  
*G05G 1/04* ( 2006.01 )  
*B23B 45/00* ( 2006.01 )  
*B25F 5/02* ( 2006.01 )
- (87) WO2019/171950  
(31) 2018-042375 (32) 08.03.18 (33) JP  
(43) 12.09.2019  
(72) YOKOYAMA, Toshiki  
(74) Madderns Pty Ltd
- 
- (71) Northrop Grumman Systems Corporation  
(11) AU-A-2019242002  
(21) 2019242002 (22) 22.02.2019  
(54) Interfacing between SFQ and NRZ data en-  
codings  
(51) Int. Cl.  
*H03K 19/195* ( 2006.01 )  
*G06N 10/00* ( 2019.01 )  
*H03M 5/02* ( 2006.01 )
- (87) WO2019/190663  
(31) 15/937,418 (32) 27.03.18 (33) US  
(43) 03.10.2019  
(72) HERR, Quentin P.  
(74) Spruson & Ferguson
- 
- (71) Nouryon Chemicals International B.V.  
(11) AU-A-2019224471  
(21) 2019224471 (22) 21.02.2019
- (54) Pesticide suspension concentrate and fertil-  
izer composition therewith  
(51) Int. Cl.  
*A01N 25/04* ( 2006.01 )
- (87) WO2019/162353  
(31) 62/634,264 (32) 23.02.18 (33) US  
18165374.2 03.04.18 EP  
(43) 29.08.2019  
(72) BORACCI, Andrew Richard; ZHU, Shawn;  
FRANKLIN, Ralph  
(74) Spruson & Ferguson
- 
- (71) Nova Chemicals (International) S.A.  
(11) AU-A-2019259476  
(21) 2019259476 (22) 12.04.2019  
(54) Phosphinimine amido-ether complexes  
(51) Int. Cl.  
*C07F 9/535* ( 2006.01 )  
*C08F 4/76* ( 2006.01 )
- (87) WO2019/207401  
(31) 62/662,915 (32) 26.04.18 (33) US  
(43) 31.10.2019  
(72) MORRISON, Darryl; CHISHOLM, P.  
Scott; BAAR, Cliff; LEE, Graham; SMI-  
LEY-WIENS, Janelle  
(74) Griffith Hack
- 
- (71) Novozymes A/S; Microbiogen Pty. Ltd.  
(11) AU-A-2019213033  
(21) 2019213033 (22) 29.01.2019  
(54) Microorganisms with improved nitrogen  
utilization for ethanol production  
(51) Int. Cl.  
*C12N 1/16* ( 2006.01 )  
*C12P 7/06* ( 2006.01 )  
*C12P 7/10* ( 2006.01 )
- (87) WO2019/148192  
(31) 62/623,372 (32) 29.01.18 (33) US  
62/629,321 12.02.18 US  
(43) 01.08.2019  
(72) YAZDI, Hamid Rismani; ELLIOT, Sarah  
Schultheis; HARRIS, Paul Vincent; CAT-  
LETT, Michael Glenn  
(74) Griffith Hack
- 
- (71) NTT DoCoMo, Inc  
(11) AU-A-2018409333  
(21) 2018409333 (22) 19.02.2018  
(54) User terminal and wireless communication  
method  
(51) Int. Cl.  
*H04B 7/06* ( 2006.01 )  
*H04W 24/04* ( 2009.01 )
- (87) WO2019/159376  
(43) 22.08.2019  
(72) TAKEDA, Kazuki; NAGATA, Satoshi;  
WANG, Lihui; HOU, Xiaolin  
(74) Spruson & Ferguson
- 
- (71) NTT DoCoMo, Inc.  
(11) AU-A-2018408266  
(21) 2018408266 (22) 09.02.2018  
(54) User equipment and radio communication  
method  
(51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
*H04W 28/06* ( 2009.01 )
- (87) WO2019/155641  
(43) 15.08.2019  
(72) TAKEDA, Kazuki; NAGATA, Satoshi;  
WANG, Lihui; HOU, Xiaolin  
(74) Spruson & Ferguson
- 
- (71) NTT DOCOMO, Inc.  
(11) AU-A-2018408897  
(21) 2018408897 (22) 15.02.2018  
(54) User terminal and wireless communication  
method  
(51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )
- (87) WO2019/159295  
(43) 22.08.2019  
(72) TAKEDA, Kazuki; NAGATA, Satoshi;  
WANG, Lihui; HOU, Xiaolin  
(74) Spruson & Ferguson
- 
- (71) Obshchestvo s Ogranichennoy  
Otvetstvennost'yu "Obedinennaya Kompan-  
iya Rural Inzhenerno-Tekhnologicheskiiy  
Tsentr"  
(11) AU-A-2018424254  
(21) 2018424254 (22) 24.07.2018  
(54) Method for non-destructively examining an  
anode of an aluminium electrolysis cell  
(51) Int. Cl.  
*G01N 27/20* ( 2006.01 )
- (87) WO2019/226067  
(31) 2018118713 (32) 21.05.18 (33) RU  
(43) 28.11.2019  
(72) ZAVADYAK, Andrej Vasil'evich; PUZ-  
ANOV, Il'ya Ivanovich; POPOV, Yur-  
ij Nikolaevich; PETRENKO, Dmitriy  
Valer'evich; MISHUROV, Andrej Valer-  
ievich; BERNGARDT, Margarita Gab-  
dullaevna  
(74) Shelston IP Pty Ltd.
- 
- (71) Odfjell Partners Invest Ltd  
(11) AU-A-2019218547  
(21) 2019218547 (22) 11.02.2019  
(54) Downhole cleaning apparatus  
(51) Int. Cl.  
*E21B 37/04* ( 2006.01 )  
*E21B 37/02* ( 2006.01 )
- (87) WO2019/155074  
(31) 1802223.6 (32) 12.02.18 (33) GB  
(43) 15.08.2019  
(72) HENDERSON, Scott; RANKIN, Greg;  
DSOUZA, Johnson  
(74) Michael Buck IP
- 
- (71) OncoImmune, Inc.; University of Mary-  
land, Baltimore  
(11) AU-A-2019214865  
(21) 2019214865 (22) 29.01.2019  
(54) Mutant anti-CTLA-4 antibodies with im-  
proved immunotherapeutic effect but atten-  
uated adverse effects  
(51) Int. Cl.  
*C07K 16/22* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )
- (87) WO2019/152423  
(31) 62/625,662 (32) 02.02.18 (33) US

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

|  |                 |         |      |  |   |          |    |
|--|-----------------|---------|------|--|---|----------|----|
| 62/754,781   | 02.11.18        | US      | (43) | 17.10.2019   | 62/742,532  | 08.10.18 | US |
| 62/647,123   | 23.03.18        | US      | (72) | HEMPTON, Gordon L.; HATHER, Wesley R.; KINZER, Andrew S.; MEDINA, Manuel A.      | 62/666,204  | 03.05.18 | US |
| (43) 08.08.2019  |                 |         |      |  | (43) 19.09.2019   |          |    |
| (72) LIU, Yang; ZHENG, Pan; TANG, Fei; LIU, Mingyue; DEVENPORT, Martin; DU, Xuexiang; ZHANG, Yan |                 |         | (74) | Madderns Pty Ltd   | (72) WYTHES, Martin James; MCALPINE, Indrawan James; PATMAN, Ryan; RUI, Eugene Yuanjin; FENSOME, Andrew; MADERNA, Andreas; JALAIIE, Mehran; GAJWALA, Ketan S. |          |    |
| (74) Shelston IP Pty Ltd.  |                 |         |      |  | (74) Shelston IP Pty Ltd.   |          |    |
| <hr/>  |                 |         |      |  |   |          |    |
| (71) Opex Corporation  |                 |         | (71) | OZM Australia Pty Ltd  |   |          |    |
| (11) AU-A-2019223190   |                 |         | (11) | AU-A-2019215800  |   |          |    |
| (21) 2019223190  | (22) 25.02.2019 |         | (21) | 2019215800   | (22) 01.02.2019   |          |    |
| (54) Document imaging system and method for imaging documents                                    |                 |         | (54) | Lost formwork cladding and connector and method of using same                    |   |          |    |
| (51) Int. Cl.  |                 |         | (51) | Int. Cl.   |   |          |    |
| B07C 3/14 ( 2006.01 )  |                 |         |      | E04B 1/41 ( 2006.01 )  |   |          |    |
| B07C 3/06 ( 2006.01 )  |                 |         |      | E04C 5/16 ( 2006.01 )  |   |          |    |
| (87) WO2019/165382   |                 |         | (87) | WO2019/148245  |   |          |    |
| (31) 62/634,723  | (32) 23.02.18   | (33) US | (31) | 2018902814   | (32) 02.08.18   | (33) AU  |    |
| (43) 29.08.2019  |                 |         |      | 2018900323   | 02.02.18  | AU       |    |
| (72) MONTGOMERY, Robert  |                 |         | (43) | 08.08.2019   |   |          |    |
| (74) AJ PARK   |                 |         | (72) | WYETT, Geoff   |   |          |    |
|  |                 |         | (74) | Shelston IP Pty Ltd.   |   |          |    |
| <hr/>  |                 |         |      |  |   |          |    |
| (71) Orica International Pte Ltd   |                 |         | (71) | Paradoxx Ltd   |   |          |    |
| (11) AU-A-2019227068   |                 |         | (11) | AU-A-2019216369  |   |          |    |
| (21) 2019227068  | (22) 26.02.2019 |         | (21) | 2019216369   | (22) 31.01.2019   |          |    |
| (54) Reconfigurable explosives materials transport and delivery system                           |                 |         | (54) | A hair styling apparatus   |   |          |    |
| (51) Int. Cl.  |                 |         | (51) | Int. Cl.   |   |          |    |
| F42D 1/10 ( 2006.01 )  |                 |         |      | A45D 1/06 ( 2006.01 )  |   |          |    |
| (87) WO2019/168469   |                 |         |      | A45D 1/04 ( 2006.01 )  |   |          |    |
| (31) 10201801582Y  | (32) 27.02.18   | (33) SG |      | A45D 1/28 ( 2006.01 )  |   |          |    |
| (43) 06.09.2019  |                 |         |      | A45D 2/00 ( 2006.01 )  |   |          |    |
| (72) MAJOR, Bryce Owen; CUMMING, Brett Jason; WILLINGTON, Mark Justin                            |                 |         | (87) | WO2019/149851  |   |          |    |
| (74) Davies Collison Cave Pty Ltd  |                 |         | (31) | 1801605.5  | (32) 31.01.18   | (33) GB  |    |
|  |                 |         | (43) | 08.08.2019   |   |          |    |
|  |                 |         | (72) | COOPER, Yolanda  |   |          |    |
|  |                 |         | (74) | Actuate Patents  |   |          |    |
| <hr/>  |                 |         |      |  |   |          |    |
| (71) Oricia International Pte. Ltd.  |                 |         | (71) | Pfizer Inc.  |   |          |    |
| (11) AU-A-2019227069   |                 |         | (11) | AU-A-2019232625  |   |          |    |
| (21) 2019227069  | (22) 26.02.2019 |         | (21) | 2019232625   | (22) 04.03.2019   |          |    |
| (54) Tank, and aspects of a vehicle equipped therewith   |                 |         | (54) | Anti-PD-1 antibody compositions  |   |          |    |
| (51) Int. Cl.  |                 |         | (51) | Int. Cl.   |   |          |    |
| B65D 8/08 ( 2006.01 )  |                 |         |      | A61K 9/00 ( 2006.01 )  |   |          |    |
| F42D 1/10 ( 2006.01 )  |                 |         |      | A61K 9/08 ( 2006.01 )  |   |          |    |
| (87) WO2019/168470   |                 |         |      | A61K 39/395 ( 2006.01 )  |   |          |    |
| (31) 10201801647X  | (32) 28.02.18   | (33) SG |      | A61K 47/18 ( 2017.01 )   |   |          |    |
| (43) 06.09.2019  |                 |         |      | A61K 47/26 ( 2006.01 )   |   |          |    |
| (72) MAJOR, Bryce Owen; CUMMING, Brett Jason; WILLINGTON, Mark Justin                            |                 |         | (87) | WO2019/171253  |   |          |    |
| (74) Davies Collison Cave Pty Ltd  |                 |         | (31) | 62/807,912   | (32) 20.02.19   | (33) US  |    |
|  |                 |         |      | 62/639,587   | 07.03.18  | US       |    |
|  |                 |         | (43) | 12.09.2019   |   |          |    |
|  |                 |         | (72) | AHMED, Syed Saleem; BALTHAZOR, Bryan Mark; MEHTA, Anjali Pramod; QURESHI, Tihami |   |          |    |
|  |                 |         | (74) | Shelston IP Pty Ltd.   |   |          |    |
| <hr/>  |                 |         |      |  |   |          |    |
| (71) Outreach Corporation  |                 |         | (71) | Pfizer Inc.  |   |          |    |
| (11) AU-A-2019252281   |                 |         | (11) | AU-A-2019234043  |   |          |    |
| (21) 2019252281  | (22) 11.04.2019 |         | (21) | 2019234043   | (22) 12.03.2019   |          |    |
| (54) Automated communication in an email synchronization and workflow system                     |                 |         | (54) | Cyclopentane-based modulators of sting (stimulator of interferon genes)          |   |          |    |
| (51) Int. Cl.  |                 |         | (51) | Int. Cl.   |   |          |    |
| G06Q 10/10 ( 2012.01 )   |                 |         |      | C07H 19/213 ( 2006.01 )  |   |          |    |
| G06Q 30/02 ( 2012.01 )   |                 |         |      | A61P 35/00 ( 2006.01 )   |   |          |    |
| H04L 12/00 ( 2006.01 )   |                 |         |      | (87) WO2019/175776   |   |          |    |
| H04W 4/12 ( 2009.01 )  |                 |         |      | (31) 62/809,990  | (32) 25.02.19   | (33) US  |    |
| (87) WO2019/200052   |                 |         |      | 62/643,467   | 15.03.18  | US       |    |
| (31) 15/950,370  | (32) 11.04.18   | (33) US |      |  |   |          |    |
| <hr/>  |                 |         |      |  |   |          |    |
| (71) Primo Medical Group, Inc.   |                 |         | (71) | Purple Line Limited  |   |          |    |
| (11) AU-A-2019224138   |                 |         | (11) | AU-A-2019216461  |   |          |    |
| (21) 2019224138  | (22) 25.02.2019 |         | (21) | 2019216461   | (22) 01.02.2019   |          |    |
| (54) Variable volume infusion port   |                 |         | (54) | Improvements relating to drive units for trailers                                |   |          |    |
| (51) Int. Cl.  |                 |         | (51) | Int. Cl.   |   |          |    |
| A61M 5/145 ( 2006.01 )   |                 |         |      | B62D 59/04 ( 2006.01 )   |   |          |    |
| (87) WO2019/165342   |                 |         |      | B60K 7/00 ( 2006.01 )  |   |          |    |
| (31) 15/905,202  | (32) 26.02.18   | (33) US |      | B60L 53/80 ( 2019.01 )   |   |          |    |
| (43) 29.08.2019  |                 |         |      | (87) WO2019/149912   |   |          |    |
| (72) RODGERS, Richard P.   |                 |         |      | (31) 1801760.8   | (32) 02.02.18   | (33) GB  |    |
| (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD  |                 |         |      | (43) 08.08.2019  |   |          |    |
|  |                 |         |      | (72) HARRISON, Jonathan; HAWKINS, Ben  |   |          |    |
|  |                 |         |      | (74) Arceo IP  |   |          |    |



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

(71) Purple Line Limited  
 (11) AU-A-2019216462  
 (21) 2019216462 (22) 01.02.2019  
 (54) Trailer drive unit  
 (51) Int. Cl.  
 B62D 59/04 ( 2006.01 )  
 (87) WO2019/149913  
 (31) 1801756.6 (32) 02.02.18 (33) GB  
 (43) 08.08.2019  
 (72) HARRISON, Jonathan; HAWKINS, Ben  
 (74) Arceo IP

(71) Qualcomm Incorporated  
 (11) AU-A-2019237892  
 (21) 2019237892 (22) 13.02.2019  
 (54) QoS support in wireless backhaul networks using cellular radio-access technologies  
 (51) Int. Cl.  
 H04W 28/24 ( 2009.01 )  
 H04W 28/08 ( 2009.01 )  
 (87) WO2019/182694  
 (31) 62/645,095 (32) 19.03.18 (33) US  
 16/273,610 12.02.19 US  
 (43) 26.09.2019  
 (72) HAMPEL, Karl Georg; CHENG, Hong; LI, Junyi; ABEDINI, Navid; ISLAM, Muhammad Nazmul; LUO, Jianghong  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-A-2019239097  
 (21) 2019239097 (22) 22.03.2019  
 (54) Search space overbooking and pruning  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 (87) WO2019/183565  
 (31) 62/647,553 (32) 23.03.18 (33) US  
 16/360,810 21.03.19 US  
 (43) 26.09.2019  
 (72) SUN, Jing; XU, Huilin; LEE, Heechoon  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-A-2019240408  
 (21) 2019240408 (22) 22.03.2019  
 (54) Systems and methods for downlink control information format sizing  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 H04W 72/12 ( 2009.01 )  
 H04L 1/00 ( 2006.01 )  
 H04W 72/04 ( 2009.01 )  
 (87) WO2019/183443  
 (31) 16/360,961 (32) 21.03.19 (33) US  
 62/647,593 23.03.18 US  
 (43) 26.09.2019  
 (72) LEE, Heechoon; ANG, Peter Pui Lok; CHEN, Wanshi; XU, Huilin; SUN, Jing; LUO, Tao  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-A-2019248434  
 (21) 2019248434 (22) 04.03.2019

(54) Signal structure for navigation and positioning signals  
 (51) Int. Cl.  
 G01S 5/10 ( 2006.01 )  
 H04W 64/00 ( 2009.01 )  
 (87) WO2019/194921  
 (31) 62/652,243 (32) 03.04.18 (33) US  
 16/107,713 21.08.18 US  
 (43) 10.10.2019  
 (72) OPSHAUG, Guttorm Ringstad; FISCHER, Sven; BHUSHAN, Naga; EDGE, Stephen William; WU, Jie; PON, Rayman Wai  
 (74) Madderns Pty Ltd

(71) R.I.P., LLC  
 (11) AU-A-2019216427  
 (21) 2019216427 (22) 31.01.2019  
 (54) Sleep apnea oral appliance with connectors  
 (51) Int. Cl.  
 A61F 5/56 ( 2006.01 )  
 (87) WO2019/152749  
 (31) 62/624,730 (32) 31.01.18 (33) US  
 (43) 08.08.2019  
 (72) VEIS, Robin; CHRISTIAN, John  
 (74) Madderns Pty Ltd

(71) R.P. Scherer Technologies, LLC  
 (11) AU-A-2019236217  
 (21) 2019236217 (22) 15.03.2019  
 (54) Enteric softgel capsules  
 (51) Int. Cl.  
 A61K 9/48 ( 2006.01 )  
 (87) WO2019/178444  
 (31) 62/643,521 (32) 15.03.18 (33) US  
 (43) 19.09.2019  
 (72) OKAYAMA, Toshikazu; TAKAHASHI, Miyako; FUJII, Takuma  
 (74) LEGALVISION ILP PTY. LTD.

(71) R.P. Scherer Technologies, LLC  
 (11) AU-A-2019236237  
 (21) 2019236237 (22) 15.03.2019  
 (54) Enteric softgel capsules  
 (51) Int. Cl.  
 A61K 8/11 ( 2006.01 )  
 A23L 29/281 ( 2016.01 )  
 A23P 10/30 ( 2016.01 )  
 A61J 3/07 ( 2006.01 )  
 A61K 9/48 ( 2006.01 )  
 (87) WO2019/178481  
 (31) 62/643,516 (32) 15.03.18 (33) US  
 (43) 19.09.2019  
 (72) AHMAD, Humera; DO, Jonathan; LIN, Jing  
 (74) LEGALVISION ILP PTY. LTD.

(71) RAI Strategic Holdings, Inc.  
 (11) AU-A-2019223424  
 (21) 2019223424 (22) 25.02.2019  
 (54) Heat conducting substrate for electrically heated aerosol delivery device  
 (51) Int. Cl.  
 A24B 3/14 ( 2006.01 )  
 A24F 47/00 ( 2006.01 )  
 A61M 15/00 ( 2006.01 )  
 (87) WO2019/162918  
 (31) 15/905,320 (32) 26.02.18 (33) US

(43) 29.08.2019  
 (72) SEBASTIAN, Andries; SEARS, Stephen Benson; CONNER, Billy Tyrone; SUR, Rajesh; COLE, S. Keith; JACKSON, Thaddeus; THOMAS, Timothy Frederick; BRAXTON, Paul E.; DOE, Curtis Foster; HEJAZI, Vahid; WILBERDING, Kathryn Lynn  
 (74) FB Rice Pty Ltd

(71) Ralco Nutrition, Inc.  
 (11) AU-A-2019229163  
 (21) 2019229163 (22) 26.02.2019  
 (54) Seed, soil, and plant treatment compositions including yeast extract  
 (51) Int. Cl.  
 A01G 7/00 ( 2006.01 )  
 A01N 63/00 ( 2006.01 )  
 (87) WO2019/168814  
 (31) 62/637,104 (32) 01.03.18 (33) US  
 (43) 06.09.2019  
 (72) LAMB, Richard; RATHS, Rachel  
 (74) Dark IP

(71) Rancilio Group S.p.A.  
 (11) AU-A-2019244581  
 (21) 2019244581 (22) 21.03.2019  
 (54) Method for controlling a beverage temperature in a device for heating and/or frothing a beverage  
 (51) Int. Cl.  
 A47J 31/52 ( 2006.01 )  
 A47J 31/44 ( 2006.01 )  
 (87) WO2019/186335  
 (31) 102018000003932 (32) 26.03.18 (33) IT  
 (43) 03.10.2019  
 (72) ZEHNDER, Markus  
 (74) Spruson & Ferguson

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2019221793  
 (21) 2019221793 (22) 18.02.2019  
 (54) GAN-CNN for MHC peptide binding prediction  
 (51) Int. Cl.  
 G16B 20/30 ( 2019.01 )  
 (87) WO2019/161342  
 (31) 62/631,710 (32) 17.02.18 (33) US  
 (43) 22.08.2019  
 (72) WANG, Xingjian; HUANG, Ying; WANG, Wei; ZHAO, Qi  
 (74) Davies Collison Cave Pty Ltd

(71) Research Institute at Nationwide Children's Hospital  
 (11) AU-A-2019234918  
 (21) 2019234918 (22) 14.03.2019  
 (54) Increasing tissue specific gene delivery by capsid modification  
 (51) Int. Cl.  
 C12N 15/86 ( 2006.01 )  
 (87) WO2019/178412  
 (31) 62/644,317 (32) 16.03.18 (33) US  
 (43) 19.09.2019  
 (72) LOILER, Scott Allen  
 (74) HENRY HUGHES IP LTD

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

- (71) Rite Taste, LLC; Nawana, N.  
 (11) AU-A-2019211495  
 (21) 2019211495 (22) 29.01.2019  
 (54) Methods and devices for detection of pathogens  
 (51) Int. Cl.  
 C12M 1/34 ( 2006.01 )  
 B01L 3/00 ( 2006.01 )  
 C12Q 1/00 ( 2006.01 )  
 G01N 33/53 ( 2006.01 )  
 G01N 33/543 ( 2006.01 )  
 (87) WO2019/148167  
 (31) 62/623,038 (32) 29.01.18 (33) US  
 62/703,702 26.07.18 US  
 62/676,079 24.05.18 US  
 (43) 01.08.2019  
 (72) NAWANA, Namal; FOTOUHI, Mohammed; TASLIM, Mohammed E.; ABEDI, Mehdi; GREENFIELD, Edward Alvin; MOLLAAGHABABA, Reza  
 (74) Spruson & Ferguson
- 
- (71) Rovi Guides, Inc.  
 (11) AU-A-2018415723  
 (21) 2018415723 (22) 26.03.2018  
 (54) Methods and systems for performing context maintenance on search queries in a conversational search environment  
 (51) Int. Cl.  
 G06F 16/332 ( 2019.01 )  
 (87) WO2019/190462  
 (43) 03.10.2019  
 (72) MALHOTRA, Manik; GUPTA, Prabhat; MALIK, Sahil  
 (74) Spruson & Ferguson
- 
- (71) Rubber Nano Products (Proprietary) Limited  
 (11) AU-A-2019212316  
 (21) 2019212316 (22) 11.01.2019  
 (54) Polymer based vulcanization compositions and method for preparing the compositions  
 (51) Int. Cl.  
 C08K 5/00 ( 2006.01 )  
 C08J 3/22 ( 2006.01 )  
 C08J 3/24 ( 2006.01 )  
 C08K 5/39 ( 2006.01 )  
 C08K 5/47 ( 2006.01 )  
 C08L 29/04 ( 2006.01 )  
 C08L 71/02 ( 2006.01 )  
 (87) WO2019/145808  
 (31) 2020311 (32) 24.01.18 (33) NL  
 (43) 01.08.2019  
 (72) BOSCH, Robert Michael; WILLIAMS, Damian  
 (74) FB Rice Pty Ltd
- 
- (71) S&C Electric Company  
 (11) AU-A-2018405578  
 (21) 2018405578 (22) 19.12.2018  
 (54) Coordinated frequency load shedding protection method using distributed electrical protection devices  
 (51) Int. Cl.  
 H02J 3/14 ( 2006.01 )  
 G05B 17/02 ( 2006.01 )  
 H02J 3/12 ( 2006.01 )  
 (87) WO2019/152107  
 (31) 16/164,401 (32) 18.10.18 (33) US
- 
- 62/625,900 02.02.18 US  
 (43) 08.08.2019  
 (72) MATAMOROS, Joseph  
 (74) Spruson & Ferguson
- 
- (71) Sandvik Mining and Construction G.m.b.H.  
 (11) AU-A-2018416418  
 (21) 2018416418 (22) 29.03.2018  
 (54) Material handling apparatus for a mining machine  
 (51) Int. Cl.  
 E21D 9/12 ( 2006.01 )  
 E21C 35/20 ( 2006.01 )  
 E21C 27/00 ( 2006.01 )  
 (87) WO2019/185160  
 (43) 03.10.2019  
 (72) WEINBERGER, Gerhard; SCHICHO, Helga; IRREGGER, Karl  
 (74) Griffith Hack
- 
- (71) Sandvik Mining and Construction Tools AB  
 (11) AU-A-2019230532  
 (21) 2019230532 (22) 22.02.2019  
 (54) Coupling for connecting downhole tubulars  
 (51) Int. Cl.  
 E21B 17/042 ( 2006.01 )  
 F16L 15/00 ( 2006.01 )  
 (87) WO2019/170436  
 (31) 18160858.9 (32) 09.03.18 (33) EP  
 (43) 12.09.2019  
 (72) RINDESKÄR, Andreas  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Sandvik Mining and Construction Tools AB  
 (11) AU-A-2019230533  
 (21) 2019230533 (22) 22.02.2019  
 (54) Connection for percussion drilling  
 (51) Int. Cl.  
 E21B 17/042 ( 2006.01 )  
 F16L 15/06 ( 2006.01 )  
 (87) WO2019/170437  
 (31) 18160853.0 (32) 09.03.18 (33) EP  
 (43) 12.09.2019  
 (72) HAMMARGREN, John; NORMAN, Andreas  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Sany Mobile Cranes Co., Ltd.  
 (11) AU-A-2019211671  
 (21) 2019211671 (22) 23.01.2019  
 (54) Drive apparatus for crane, and crane  
 (51) Int. Cl.  
 B60K 25/06 ( 2006.01 )  
 B66C 13/12 ( 2006.01 )  
 B66C 13/20 ( 2006.01 )  
 (87) WO2019/144871  
 (31) 201810084128.9 (32) 29.01.18 (33) CN  
 (43) 01.08.2019  
 (72) XIE, Tao; HUANG, Qiang; YANG, Shang-feng  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Schlumberger Technology B.V.  
 (11) AU-A-2019227708  
 (21) 2019227708 (22) 27.02.2019  
 (54) Rotating loading tube and angled shaped charges for oriented perforating  
 (51) Int. Cl.  
 E21B 43/116 ( 2006.01 )  
 E21B 43/119 ( 2006.01 )  
 (87) WO2019/168938  
 (31) 16/222,095 (32) 17.12.18 (33) US  
 62/747,723 19.10.18 US  
 62/635,765 27.02.18 US  
 (43) 06.09.2019  
 (72) ZHAO, Haifeng; MEDINA PACHECO, Luis Rodolfo; GILL, Bennie; NIVENS, Wayne; MUNRO, Jock  
 (74) Griffith Hack
- 
- (71) Schunk Transit Systems GmbH  
 (11) AU-A-2019235368  
 (21) 2019235368 (22) 12.03.2019  
 (54) Rapid charging system and method for electrically connecting a vehicle to a charging station  
 (51) Int. Cl.  
 B60L 5/24 ( 2006.01 )  
 B60L 5/00 ( 2006.01 )  
 B60L 5/36 ( 2006.01 )  
 B60L 5/42 ( 2006.01 )  
 B60L 53/16 ( 2019.01 )  
 B60L 53/35 ( 2019.01 )  
 B60L 53/36 ( 2019.01 )  
 B60M 1/36 ( 2006.01 )  
 (87) WO2019/175165  
 (31) 10 2018 106 046.7 (32) 15.03.18 (33) DE  
 (43) 19.09.2019  
 (72) HEIEIS, Nils; DOMES, Matthias; STAUBACH, Timo; SCHNEIDER, Peter  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SCHWEITZER, T.  
 (11) AU-A-2019217620  
 (21) 2019217620 (22) 06.02.2019  
 (54) Roof rack system  
 (51) Int. Cl.  
 B60R 9/042 ( 2006.01 )  
 B60P 1/48 ( 2006.01 )  
 B60P 9/00 ( 2006.01 )  
 B60R 9/00 ( 2006.01 )  
 B60R 9/04 ( 2006.01 )  
 B60R 9/08 ( 2006.01 )  
 B60R 9/10 ( 2006.01 )  
 (87) WO2019/157073  
 (31) 62/626,930 (32) 06.02.18 (33) US  
 (43) 15.08.2019  
 (72) SCHWEITZER, Todd J.; BASTIEN, Greg  
 (74) Spruson & Ferguson
- 
- (71) Second Nature Brands, Inc.  
 (11) AU-A-2019227827  
 (21) 2019227827 (22) 28.02.2019  
 (54) Variable air filter assemblies  
 (51) Int. Cl.  
 F24F 13/28 ( 2006.01 )  
 B01D 46/00 ( 2006.01 )  
 B01D 46/52 ( 2006.01 )  
 (87) WO2019/169070  
 (31) 62/636,581 (32) 28.02.18 (33) US

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

- 62/694,091 05.07.18 US (43) 03.10.2019  
 (43) 06.09.2019  
 (72) BARRY, Kevin James; TARKINGTON, Thaddeus Worth; KHALIFA, Aly  
 (74) Egar & Associates Pty Ltd
- 
- (71) Seraxis, Inc.  
 (11) AU-A-2019228529  
 (21) 2019228529 (22) 28.02.2019  
 (54) Macro-encapsulated therapeutic cells, devices, and methods of using the same  
 (51) Int. Cl.  
 A61K 35/39 ( 2015.01 )  
 A61K 9/50 ( 2006.01 )  
 A61K 35/00 ( 2006.01 )  
 A61L 27/38 ( 2006.01 )  
 A61L 27/54 ( 2006.01 )  
 A61P 5/48 ( 2006.01 )  
 A61P 5/50 ( 2006.01 )  
 (87) WO2019/169089  
 (31) 62/637,085 (32) 01.03.18 (33) US  
 (43) 06.09.2019  
 (72) RUST, William L.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Service Trading Company, Inc.  
 (11) AU-A-2019210753  
 (21) 2019210753 (22) 29.01.2019  
 (54) Product and contractor service mapping for computer-mediated reality systems  
 (51) Int. Cl.  
 G06Q 30/06 ( 2012.01 )  
 G06T 19/00 ( 2011.01 )  
 (87) WO2019/148155  
 (31) 62/623,119 (32) 29.01.18 (33) US  
 (43) 01.08.2019  
 (72) BANHIDY, Todd; POURJAHAN, David  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Shanghai MicroPort EP MedTech Co., Ltd.  
 (11) AU-A-2019218510  
 (21) 2019218510 (22) 11.02.2019  
 (54) Pressure sensor, and electrophysiology catheter  
 (51) Int. Cl.  
 G01L 1/04 ( 2006.01 )  
 A61B 18/00 ( 2006.01 )  
 A61B 18/12 ( 2006.01 )  
 (87) WO2019/154409  
 (31) 201810142142.X (32) 11.02.18 (33) CN  
 (43) 15.08.2019  
 (72) SHEN, Lei; LIANG, Bo; MIAO, Tao; WANG, Hui; WANG, Mei  
 (74) Shelston IP Pty Ltd.
- 
- (71) Shenzhen Elemex Technology, Ltd  
 (11) AU-A-2018415095  
 (21) 2018415095 (22) 12.11.2018  
 (54) Automatic grinding machine and grinding method thereof  
 (51) Int. Cl.  
 B02C 2/10 ( 2006.01 )  
 B02C 23/00 ( 2006.01 )  
 (87) WO2019/184378  
 (31) 201810260452.1 (32) 27.03.18 (33) CN
- 
- (71) LIU, Alex; LIU, Hongjin  
 (74) Remarkable IP
- 
- (71) Shenzhen Ionova Life Science Co., Ltd.; Foshan Ionova Biotherapeutics Co., Inc.  
 (11) AU-A-2019229130  
 (21) 2019229130 (22) 04.03.2019  
 (54) Heterobicyclic carboxylic acids and salts thereof  
 (51) Int. Cl.  
 C07D 495/04 ( 2006.01 )  
 A61K 31/407 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2019/166022  
 (31) PCT/ CN2018/077875 (32) 02.03.18 (33) CN  
 (43) 06.09.2019  
 (72) ZHOU, Gang; SUN, Yongkui; WANG, Zhaoyin  
 (74) LAMINAR IP PTY LTD
- 
- (71) Shupe, W.; Karen, G.; Stone, J.; Hopkins, J.  
 (11) AU-A-2019223347  
 (21) 2019223347 (22) 26.02.2019  
 (54) Systems and methods for producing electrolyzed alkaline water and/or electrolyzed oxidizing water  
 (51) Int. Cl.  
 C11D 7/12 ( 2006.01 )  
 C02F 1/46 ( 2006.01 )  
 C02F 1/467 ( 2006.01 )  
 C11D 11/00 ( 2006.01 )  
 (87) WO2019/165474  
 (31) 62/635,380 (32) 26.02.18 (33) US  
 (43) 29.08.2019  
 (72) KARRIN, Gaylord; STONE, James; HOPKINS, John  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Sinew Pharma Inc.  
 (11) AU-A-2019220062  
 (21) 2019220062 (22) 14.02.2019  
 (54) Methods and compositions for preventing, reducing or eradicating toxicity caused by acetaminophen (APAP)  
 (51) Int. Cl.  
 A61K 31/167 ( 2006.01 )  
 A61K 47/00 ( 2006.01 )  
 A61P 1/16 ( 2006.01 )  
 (87) WO2019/158105  
 (31) 62/630,489 (32) 14.02.18 (33) US  
 (43) 22.08.2019  
 (72) HU, Oliver Yoa-Pu; SHIH, Tung-Yuan; HSIONG, Cheng-Huei; HO, Hsin-Tien; CHU, Kai-Min  
 (74) Griffith Hack
- 
- (71) Singapore Health Services Pte Ltd  
 (11) AU-A-2019227072  
 (21) 2019227072 (22) 04.03.2019  
 (54) Device and method for measuring respiratory air flow  
 (51) Int. Cl.  
 A61B 5/087 ( 2006.01 )
- 
- A61M 15/00 ( 2006.01 )  
 (87) WO2019/168479  
 (31) 10201801727U (32) 02.03.18 (33) SG  
 (43) 06.09.2019  
 (72) THOMAS, Biju; HEN, Zhi Qian; DE KORNE, Dirk Frans  
 (74) Spruson & Ferguson
- 
- (71) Smartsky Networks LLC  
 (11) AU-A-2019225991  
 (21) 2019225991 (22) 21.02.2019  
 (54) Optimized position information assisted beamforming  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 G01S 19/22 ( 2010.01 )  
 G01S 19/42 ( 2010.01 )  
 (87) WO2019/165057  
 (31) 62/634,964 (32) 26.02.18 (33) US  
 (43) 29.08.2019  
 (72) HAYES, Gerard James; TAKAMIZAWA, Koichiro; HYSLOP, Douglas  
 (74) RnB IP Pty Ltd
- 
- (71) Smivet B.V.  
 (11) AU-A-2019233603  
 (21) 2019233603 (22) 13.03.2019  
 (54) Single domain antibodies binding to tetanus neurotoxin  
 (51) Int. Cl.  
 C07K 16/12 ( 2006.01 )  
 (87) WO2019/175250  
 (31) 18161521.2 (32) 13.03.18 (33) EP  
 (43) 19.09.2019  
 (72) DE SMIT, Abraham Johannes; HARMSEN, Michaël Marie  
 (74) Griffith Hack
- 
- (71) Societe des Produits Nestle S.A.  
 (11) AU-A-2019264343  
 (21) 2019264343 (22) 29.04.2019  
 (54) Handling of beverage  
 (51) Int. Cl.  
 A47J 43/046 ( 2006.01 )  
 A47J 43/042 ( 2006.01 )  
 A47J 43/07 ( 2006.01 )  
 A47J 43/28 ( 2006.01 )  
 (87) WO2019/211213  
 (31) 18170166.5 (32) 30.04.18 (33) EP  
 (43) 07.11.2019  
 (72) BYUN, Da Mi; GUYON, Bertrand; PIVRNEC, Michal  
 (74) Shelston IP Pty Ltd.
- 
- (71) Soilmecc S.p.A.  
 (11) AU-A-2019237298  
 (21) 2019237298 (22) 19.03.2019  
 (54) Drilling machine provided with an electrically-braked moving device for the drilling string  
 (51) Int. Cl.  
 E21B 7/02 ( 2006.01 )  
 E21B 3/02 ( 2006.01 )  
 (87) WO2019/180598  
 (31) 102018000003793 (32) 20.03.18 (33) IT

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

- (43) 26.09.2019  
(72) PIRACCINI, Matteo; ANTONELLI, Alberto; MANTOVANI, Francesco  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Somnio Global Holdings, LLC  
(11) AU-A-2019227637  
(21) 2019227637 (22) 27.02.2019  
(54) Articles with nitrogen alloy protective layer and methods of making same  
(51) Int. Cl.  
C23C 30/00 ( 2006.01 )  
C22C 38/00 ( 2006.01 )  
C22C 38/38 ( 2006.01 )  
C23C 24/04 ( 2006.01 )  
(87) WO2019/168893  
(31) 62/635,744 (32) 27.02.18 (33) US  
(43) 06.09.2019  
(72) MOHANTY, Pravansu S.; VISVESWARAN, Ramcharan; VARADARAJAN, Vikram  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Sorrento Therapeutics, Inc.  
(11) AU-A-2019231315  
(21) 2019231315 (22) 11.03.2019  
(54) Dimeric antigen receptors (DAR)  
(51) Int. Cl.  
C07K 19/00 ( 2006.01 )  
C12N 15/63 ( 2006.01 )  
(87) WO2019/173837  
(31) 62/640,775 (32) 09.03.18 (33) US  
(43) 12.09.2019  
(72) JI, Henry Hongjun; GUO, Wenzhong; ZHANG, Yanliang; KAUFMANN, Gunnar F.; DING, Bei Bei  
(74) FB Rice Pty Ltd
- 
- (71) Space Systems APS  
(11) AU-A-2018408300  
(21) 2018408300 (22) 07.02.2018  
(54) Device for collection and removal of slurry  
(51) Int. Cl.  
A01K 1/01 ( 2006.01 )  
(87) WO2019/154491  
(43) 15.08.2019  
(72) BERTH, Jørgen Mikael; BERTH, Niels Christian  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Spies, O.  
(11) AU-A-2019227950  
(21) 2019227950 (22) 01.02.2019  
(54) Filter  
(51) Int. Cl.  
A47L 13/50 ( 2006.01 )  
B01D 29/27 ( 2006.01 )  
(87) WO2019/166179  
(31) 10 2018 104 535.2 (32) 28.02.18 (33) DE  
(43) 06.09.2019  
(72) SPIES, Oliver  
(74) Patent Attorney Services
- 
- (71) St. Jude Children's Research Hospital, Inc.  
(11) AU-A-2019220667  
(21) 2019220667 (22) 15.02.2019  
(54) Process for producing HU14.18k322a monoclonal antibody  
(51) Int. Cl.  
C07K 16/30 ( 2006.01 )  
C07K 16/22 ( 2006.01 )  
C07K 16/24 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C07K 16/32 ( 2006.01 )  
C12P 21/02 ( 2006.01 )  
(87) WO2019/161167  
(31) 62/630,971 (32) 15.02.18 (33) US  
(43) 22.08.2019  
(72) MEAGHER, Michael, M.; REDDIVARI, Muralidhar  
(74) FB Rice Pty Ltd
- 
- (71) Step Pharma S.A.S.  
(11) AU-A-2018413791  
(21) 2018413791 (22) 21.12.2018  
(54) Aminopyrimidine derivatives as CTPS1 inhibitors  
(51) Int. Cl.  
C07D 403/12 ( 2006.01 )  
A61K 31/506 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 213/76 ( 2006.01 )  
C07D 239/42 ( 2006.01 )  
C07D 401/12 ( 2006.01 )  
C07D 401/14 ( 2006.01 )  
(87) WO2019/179652  
(31) 18163772.9 (32) 23.03.18 (33) EP  
18202136.0 23.10.18 EP  
18175823.6 04.06.18 EP  
(43) 26.09.2019  
(72) QUDDUS, Abdul; NOVAK, Andrew; COUSIN, David; BLACKHAM, Emma; JONES, Geraint; WRIGGLESWORTH, Joseph; DUFFY, Lorna; BIRCH, Louise; GEORGE, Pascal; AHMED, Saleh  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Subsea 7 Norway AS  
(11) AU-A-2019233611  
(21) 2019233611 (22) 13.03.2019  
(54) Offloading hydrocarbons from subsea fields  
(51) Int. Cl.  
B63B 21/50 ( 2006.01 )  
E21B 17/01 ( 2006.01 )  
E21B 19/00 ( 2006.01 )  
E21B 43/01 ( 2006.01 )  
(87) WO2019/175259  
(31) 1804047.7 (32) 14.03.18 (33) GB  
(43) 19.09.2019  
(72) SAETERDAL, Morten  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Sudu IP Pty Ltd  
(11) AU-A-2019227842  
(21) 2019227842 (22) 28.02.2019  
(54) Cutdown machine for roller blinds  
(51) Int. Cl.  
E06B 9/40 ( 2006.01 )  
B23D 21/00 ( 2006.01 )  
B26D 1/18 ( 2006.01 )  
B26D 3/16 ( 2006.01 )  
B26F 3/08 ( 2006.01 )  
(87) WO2019/165509  
(31) 2018900646 (32) 28.02.18 (33) AU
- 
- (43) 06.09.2019  
(72) LIU, Alex; LIU, Yi  
(74) Mills Oakley
- 
- (71) Sumitomo Electric Industries, Ltd.; National University Corporation Yokohama National University  
(11) AU-A-2018410185  
(21) 2018410185 (22) 06.12.2018  
(54) Porous metal body  
(51) Int. Cl.  
C22C 1/08 ( 2006.01 )  
C22C 18/00 ( 2006.01 )  
C22C 19/03 ( 2006.01 )  
C22F 1/00 ( 2006.01 )  
C22F 1/10 ( 2006.01 )  
C23F 1/02 ( 2006.01 )  
C23F 1/44 ( 2006.01 )  
C25D 1/08 ( 2006.01 )  
C25D 7/00 ( 2006.01 )  
(87) WO2019/163256  
(31) 2018-029710 (32) 22.02.18 (33) JP  
(43) 29.08.2019  
(72) OKUNO, Kazuki; HIGASHINO, Takahiro; TAWARAYAMA, Hiromasa; MAJIMA, Masatoshi; MASUMURA, Haruki; KURODA, Yoshiyuki; MITSUSHIMA, Shigenori  
(74) Spruson & Ferguson
- 
- (71) Sumitomo Electric Industries, Ltd.  
(11) AU-A-2018412242  
(21) 2018412242 (22) 09.03.2018  
(54) Cell, cell stack, redox flow battery, and redox flow battery system  
(51) Int. Cl.  
H01M 8/18 ( 2006.01 )  
H01M 8/04303 ( 2016.01 )  
H01M 8/04537 ( 2016.01 )  
(87) WO2019/171603  
(43) 12.09.2019  
(72) KUBATA, Michiru; KUWABARA, Masahiro  
(74) Spruson & Ferguson
- 
- (71) Sunsho Pharmaceutical Co., Ltd.; DSP Gokyo Food & Chemical Co., Ltd.  
(11) AU-A-2019228885  
(21) 2019228885 (22) 26.02.2019  
(54) Coating composition and capsule using coating composition  
(51) Int. Cl.  
A61K 47/36 ( 2006.01 )  
A23L 5/00 ( 2016.01 )  
A23L 29/238 ( 2016.01 )  
A23L 29/269 ( 2016.01 )  
A61K 9/48 ( 2006.01 )  
(87) WO2019/167934  
(31) 2018-034621 (32) 28.02.18 (33) JP  
(43) 06.09.2019  
(72) KURIHARA Shinya; MIWA Makoto; OKAYAMA Tomokazu; KUBOTA Keiichi; KOBAYASHI Takanori; IWATA Rei; YAMANISHI Kenta  
(74) Davies Collison Cave Pty Ltd

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

- (71) Suntory Holdings Limited  
 (11) AU-A-2019217779  
 (21) 2019217779 (22) 30.01.2019  
 (54) Liquid composition for oral use containing collagen peptide, and method for alleviating the acidity of liquid composition for oral use  
 (51) Int. Cl.  
**A23L 33/18** ( 2016.01 )  
**C07K 14/78** ( 2006.01 )  
 (87) WO2019/155956  
 (31) 2018-022436 (32) 09.02.18 (33) JP  
 (43) 15.08.2019  
 (72) OKADA, Megumi; IMAO, Takako  
 (74) Griffith Hack
- 
- (71) Symrise AG  
 (11) AU-A-2018411527  
 (21) 2018411527 (22) 08.03.2018  
 (54) Mixtures comprising a protein extract for the treatment of human skin and/or hair  
 (51) Int. Cl.  
**A61K 9/06** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/365** ( 2006.01 )  
**A61K 8/42** ( 2006.01 )  
**A61K 8/46** ( 2006.01 )  
**A61K 8/64** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61Q 5/00** ( 2006.01 )  
**A61Q 5/12** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2019/170238  
 (43) 12.09.2019  
 (72) LANGE, Sabine; HERRMANN, Martina; STUHLMANN, Dominik; WESELOH, Ann-Christin; NAKANO, Adelino; LOURENÇO, Carolina  
 (74) Spruson & Ferguson
- 
- (71) Syngenta Participations AG  
 (11) AU-A-2019240902  
 (21) 2019240902 (22) 29.03.2019  
 (54) Herbicidal compounds  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**C07D 407/04** ( 2006.01 )  
**C07D 409/04** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
 (87) WO2019/185875  
 (31) 201811012074 (32) 30.03.18 (33) IN  
 (43) 03.10.2019  
 (72) SCUTT, James Nicholas; WILLETTS, Nigel James; SONAWANE, Ravindra; PHADTE, Mangala; KANDUKURI, Sandeep Reddy; SASMAL, Swarnendu; ARMSTRONG, Sarah; MC-GRANAGHAN, Andrea  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Technical University of Denmark  
 (11) AU-A-2019214426  
 (21) 2019214426 (22) 04.02.2019  
 (54) DNA origami beads for fluorescence quantification in microfluidics  
 (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )
- 
- G01F 25/00** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
 (87) WO2019/149932  
 (31) 18154868.6 (32) 02.02.18 (33) EP  
 (43) 08.08.2019  
 (72) SELNIHHIN, Denis; SIMONSEN BÆK, Jens; PEDERSEN SKOU, Finn  
 (74) FB Rice Pty Ltd
- 
- (71) Technische Universität Berlin  
 (11) AU-A-2019232505  
 (21) 2019232505 (22) 04.03.2019  
 (54) Treating powdered paint waste for use in recycling methods  
 (51) Int. Cl.  
**C08J 11/06** ( 2006.01 )  
**B05B 14/10** ( 2018.01 )  
**B05B 14/48** ( 2018.01 )  
 (87) WO2019/170603  
 (31) 18188431.3 (32) 10.08.18 (33) EP  
 10 2018 104 910.2 05.03.18 DE  
 (43) 12.09.2019  
 (72) SCHÄFER, Konstanze; JOHN-MÜLLER, Astrid  
 (74) Eagar & Associates Pty Ltd
- 
- (71) Telefonaktiebolaget LM Ericsson  
 (11) AU-A-2019249939  
 (21) 2019249939 (22) 05.04.2019  
 (54) UE controlled handling of the security policy for user plane protection in 5G systems  
 (51) Int. Cl.  
**H04W 12/10** ( 2009.01 )  
**H04W 8/22** ( 2009.01 )  
**H04L 29/06** ( 2006.01 )  
 (87) WO2019/193147  
 (31) 62/653,794 (32) 06.04.18 (33) US  
 (43) 10.10.2019  
 (72) BEN HENDA, Noamen; SCHLIWA-BERTLING, Paul; HEDMAN, Peter; WIFVESSON, Monica  
 (74) Baldwins Intellectual Property
- 
- (71) Tepha, Inc.  
 (11) AU-A-2019226562  
 (21) 2019226562 (22) 01.03.2019  
 (54) Medical devices containing poly(butylene succinate) and copolymers thereof  
 (51) Int. Cl.  
**A61L 27/18** ( 2006.01 )  
**A61L 17/00** ( 2006.01 )  
**A61L 17/06** ( 2006.01 )  
**A61L 17/10** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
 (87) WO2019/169296  
 (31) 62/636,930 (32) 01.03.18 (33) US  
 62/733,384 19.09.18 US  
 (43) 06.09.2019  
 (72) WILLIAMS, Simon F.; RIZK, Said; MARTIN, David P.  
 (74) FB Rice Pty Ltd
- 
- (71) The Chamberlain Group, Inc.  
 (11) AU-A-2019217958  
 (21) 2019217958 (22) 07.02.2019  
 (54) Movable barrier operator having updatable security protocol  
 (51) Int. Cl.  
**E05F 15/00** ( 2015.01 )  
**G06F 8/60** ( 2018.01 )  
**G06F 8/65** ( 2018.01 )  
 (87) WO2019/157149  
 (31) 62/629,442 (32) 12.02.18 (33) US  
 (43) 15.08.2019  
 (72) CATE, Casparus; MORRIS, David R.; SKOTTY, Brian Roy; SORICE, Cory  
 (74) Spruson & Ferguson
- 
- (71) The Feinstein Institute for Medical Research  
 (11) AU-A-2019232760  
 (21) 2019232760 (22) 06.03.2019  
 (54) Methods for detecting and treating endometriosis  
 (51) Int. Cl.  
**A61K 31/165** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12Q 1/48** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
 (87) WO2019/173418  
 (31) 62/639,112 (32) 06.03.18 (33) US  
 (43) 12.09.2019  
 (72) METZ, Christine; GREGERSEN, Peter K.; WARREN, Laura  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) The Governors of the University of Alberta  
 (11) AU-A-2019243686  
 (21) 2019243686 (22) 27.03.2019  
 (54) Treatment of infectious disease  
 (51) Int. Cl.  
**C07D 209/42** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
 (87) WO2019/183729  
 (31) 62/649,220 (32) 28.03.18 (33) US  
 (43) 03.10.2019  
 (72) WEST, Frederick Glenn; MARCHANT, David J.; ATIENZA, Bren Jordan P.; JENSEN, Lionel D.  
 (74) FB Rice Pty Ltd
- 
- (71) The Johns Hopkins University  
 (11) AU-A-2019212980  
 (21) 2019212980 (22) 29.01.2019  
 (54) Polymeric nanoparticle compositions for encapsulation and sustained release of protein therapeutics  
 (51) Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 9/52** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**B82B 1/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
 (87) WO2019/148147  
 (31) 62/623,018 (32) 29.01.18 (33) US

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

- (43) 01.08.2019  
 (72) MAO, Hai-Quan; REEDY, Sashank; KE, Xiyu; QIU, Chenhu; LUCENA DOMINGUES, Daniel; HOWARD, Gregory P.  
 (74) WRAYS PTY LTD
- 
- (71) Therapix Biosciences Ltd.  
 (11) AU-A-2019213277  
 (21) 2019213277 (22) 25.01.2019  
 (54) Compositions and methods for treating obstructive sleep apnea  
 (51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 31/164** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2019/145783  
 (31) 62/623,140 (32) 29.01.18 (33) US  
 (43) 01.08.2019  
 (72) ZULOFF-SHANI, Adi; BRENER, Ephraim; SHMULEWITZ, Ascher  
 (74) Griffith Hack
- 
- (71) The Regents of The University of California  
 (11) AU-A-2019234836  
 (21) 2019234836 (22) 13.03.2019  
 (54) Inhibitors of integrin alpha 2 beta 1 and methods of use  
 (51) Int. Cl.  
**A61K 31/17** ( 2006.01 )  
**C07C 275/16** ( 2006.01 )  
**C07C 275/24** ( 2006.01 )  
 (87) WO2019/178248  
 (31) 62/642,553 (32) 13.03.18 (33) US  
 (43) 19.09.2019  
 (72) SHEPPARD, Dean; SUNDARAM, Aparna; DEGRADO, William F.; JO, Hyunil  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The Regents of the University of Michigan  
 (11) AU-A-2019223959  
 (21) 2019223959 (22) 19.02.2019  
 (54) Three-dimensional cell and tissue image analysis for cellular and sub-cellular morphological modeling and classification  
 (51) Int. Cl.  
**G06T 17/20** ( 2006.01 )  
**G06T 3/40** ( 2006.01 )  
**G06T 7/11** ( 2017.01 )  
**G16B 45/00** ( 2019.01 )  
 (87) WO2019/164850  
 (31) 62/632,663 (32) 20.02.18 (33) US  
 16/277,128 15.02.19 US  
 (43) 29.08.2019  
 (72) DINOVI, Ivaylo; ATHEY, Brian D.; DILWORTH, David S.; ALLYN-FEUER, Ari; KALININ, Alexandr; ADE, Alex S.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Thermos L.L.C.; Thermos (China) Housewares Co. Ltd.  
 (11) AU-A-2019211323  
 (21) 2019211323 (22) 23.01.2019  
 (54) Methods and systems for forming vacuum insulated containers  
 (51) Int. Cl.  
**B29K 26/12** ( 2014.01 )  
**A47G 19/22** ( 2006.01 )  
**A47J 41/00** ( 2006.01 )  
**A47J 41/02** ( 2006.01 )  
**B23K 20/14** ( 2006.01 )  
**B23K 26/21** ( 2014.01 )  
 (87) WO2019/147651  
 (31) 15/881,992 (32) 29.01.18 (33) US  
 (43) 01.08.2019  
 (72) MAK, Ronald K.Y.; CHEN, Tinghong; ZHOU, Jun; LANE, Marvin  
 (74) Jones Tulloch
- 
- (71) The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)  
 (11) AU-A-2019226052  
 (21) 2019226052 (22) 26.02.2019  
 (54) Method of improving plant performance  
 (51) Int. Cl.  
**A01N 33/18** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
 (87) WO2019/162952  
 (31) 62/794,629 (32) 20.01.19 (33) US  
 62/634,992 26.02.18 US  
 (43) 29.08.2019  
 (72) OREN-SHAMIR, Michal; OLIVA, Moran; LEWINSOHN, Efraim; ALKAN, Noam; ELAD, Yigal  
 (74) Collison & Co
- 
- (71) The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.  
 (11) AU-A-2019215006  
 (21) 2019215006 (22) 31.01.2019  
 (54) Nucleic acid antibody constructs for use against respiratory syncytial virus  
 (51) Int. Cl.  
**C07K 16/10** ( 2006.01 )  
 (87) WO2019/152600  
 (31) 62/749,580 (32) 23.10.18 (33) US  
 62/624,320 31.01.18 US  
 (43) 08.08.2019  
 (72) WEINER, David; MUTHUMANI, Kar; CHEN, Jing; SMITH, Trevor; SCHULTHEIS, Katherine  
 (74) FB Rice Pty Ltd
- 
- (71) Top Cap Holding GmbH  
 (11) AU-A-2019241412  
 (21) 2019241412 (22) 11.02.2019  
 (54) Method for producing a can lid from a composite material  
 (51) Int. Cl.  
**B29C 65/36** ( 2006.01 )  
**B21D 51/44** ( 2006.01 )  
**B21D 51/46** ( 2006.01 )  
**B29C 33/06** ( 2006.01 )  
**B29C 35/08** ( 2006.01 )  
**B29C 65/00** ( 2006.01 )  
**B29C 65/46** ( 2006.01 )  
**B29C 65/78** ( 2006.01 )  
**B65D 17/28** ( 2006.01 )  
**B65D 17/347** ( 2006.01 )  
**B65D 17/50** ( 2006.01 )  
**B29C 33/40** ( 2006.01 )  
**B29K 705/00** ( 2006.01 )  
**B29K 705/02** ( 2006.01 )  
**B29L 31/56** ( 2006.01 )  
 (87) WO2019/185225  
 (31) 18164546.6 (32) 28.03.18 (33) EP  
 (43) 03.10.2019  
 (72) PIECH, Gregor Anton  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) Tracegrow Oy  
 (11) AU-A-2019214459  
 (21) 2019214459 (22) 05.02.2019  
 (54) Processes for production of micronutrients from spent alkaline batteries  
 (51) Int. Cl.  
**H01M 6/52** ( 2006.01 )  
**C05D 9/00** ( 2006.01 )  
**C22B 3/46** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
**C22B 19/00** ( 2006.01 )  
**C22B 47/00** ( 2006.01 )  
 (87) WO2019/150005  
 (31) 20185100 (32) 05.02.18 (33) FI  
 62/638,987 06.03.18 US  
 (43) 08.08.2019  
 (72) JOENSUU, Mikko; RAHUNEN, Joni; RAUTIO, Lasse  
 (74) FB Rice Pty Ltd
- 
- (71) Trinity Bay Equipment Holdings, LLC  
 (11) AU-A-2019224091  
 (21) 2019224091 (22) 22.02.2019  
 (54) System and method for deploying coils of spoolable pipe  
 (51) Int. Cl.  
**B60P 3/00** ( 2006.01 )  
**B60P 3/035** ( 2006.01 )  
**B65H 54/00** ( 2006.01 )  
 (87) WO2019/165218  
 (31) 62/633,687 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (72) CASE, Michael; TUCKER, Glenn  
 (74) Spruson & Ferguson
- 
- (71) Tusk Therapeutics Ltd; Cancer Research Technology Limited  
 (11) AU-A-2019233575  
 (21) 2019233575 (22) 13.03.2019  
 (54) Anti-CD25 for tumour specific cell depletion  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 14/55** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (87) WO2019/175216  
 (31) PCT/ (32) 13.03.18 (33) EP  
 EP2018/056312  
 1804028.7 13.03.18 GB  
 1804029.5 13.03.18 GB  
 62/642,232 13.03.18 US  
 62/642,243 13.03.18 US  
 62/642,248 13.03.18 US  
 62/642,218 13.03.18 US  
 1804027.9 13.03.18 GB  
 62/642,230 13.03.18 US  
 (43) 19.09.2019  
 (72) GOUBIER, Anne; GOYENECHEA CORZO, Beatriz; SALIMU, Josephine; MOULDER, Kevin; MERCHERS, Pascal;



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

- C07K 16/24** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2019/162472  
**(31)** 18189562.4 **(32)** 17.08.18 **(33)** EP  
 18158169.5 22.02.18 EP  
 18194549.4 14.09.18 EP  
 16/269,572 07.02.19 US  
**(43)** 29.08.2019  
**(72)** TUGUES, Sonia; BECHER, Burkhard  
**(74)** Baldwins Intellectual Property
- 
- (71)** University College Cardiff Consultants Ltd  
**(11)** AU-A-2019220607  
**(21)** 2019220607 **(22)** 13.02.2019  
**(54)** Modified adenoviruses  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61K 38/48** ( 2006.01 )  
**C07K 14/005** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
**(87)** WO2019/158914  
**(31)** 1802539.5 **(32)** 16.02.18 **(33)** GB  
**(43)** 22.08.2019  
**(72)** PARKER, Alan; UUSI-KERTTULA, Hanni  
**(74)** Blue Penguin IP Ltd
- 
- (71)** University of Leicester  
**(11)** AU-A-2019233794  
**(21)** 2019233794 **(22)** 12.03.2019  
**(54)** Electrochemical sensor  
**(51)** Int. Cl.  
**G01N 27/327** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**(87)** WO2019/175565  
**(31)** 1803997.4 **(32)** 13.03.18 **(33)** GB  
**(43)** 19.09.2019  
**(72)** PILETSKY, Sergey; CANFAROTTA, Francesco; GUERREIRO, Antonio; MAR-RAZZA, Giovanna; RAPINI, Riccardo  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** University of Newcastle Upon Tyne  
**(11)** AU-A-2019229744  
**(21)** 2019229744 **(22)** 05.03.2019  
**(54)** Detection of pathological protein aggregation  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2019/171035  
**(31)** 1803553.5 **(32)** 06.03.18 **(33)** GB  
**(43)** 12.09.2019  
**(72)** KURZAWA-AKANBI, Marzena; MORRIS, Christopher Miles  
**(74)** Spruson & Ferguson
- 
- (71)** University of Rochester  
**(11)** AU-A-2019212630  
**(21)** 2019212630 **(22)** 25.01.2019  
**(54)** Refractive index shaping laser writing process control  
**(51)** Int. Cl.  
**A61F 9/008** ( 2006.01 )  
**(87)** WO2019/147952  
**(31)** 62/622,473 **(32)** 26.01.18 **(33)** US
- 
- (43)** 01.08.2019  
**(72)** KNOX, Wayne; ELLIS, Jonathan D.; HUXLIN, Krystal R.; BROOKS, Daniel R.; WOZNIAK, Kaitlin T.  
**(74)** Spruson & Ferguson
- 
- (71)** University of Washington  
**(11)** AU-A-2019215191  
**(21)** 2019215191 **(22)** 01.02.2019  
**(54)** Compositions and methods for inducing tripartite motif-containing protein 16 (trim16) signaling  
**(51)** Int. Cl.  
**A61K 31/7088** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/117** ( 2010.01 )  
**(87)** WO2019/152884  
**(31)** 62/625,623 **(32)** 02.02.18 **(33)** US  
**(43)** 08.08.2019  
**(72)** GALE Jr., Michael J.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Vandewiele NV  
**(11)** AU-A-2019228335  
**(21)** 2019228335 **(22)** 27.02.2019  
**(54)** A tufting machine  
**(51)** Int. Cl.  
**D05C 15/20** ( 2006.01 )  
**(87)** WO2019/166490  
**(31)** 1803199.7 **(32)** 27.02.18 **(33)** GB  
**(43)** 06.09.2019  
**(72)** CREVITS, Domien; LAMPAERT, Vincent  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** Venator Germany GmbH  
**(11)** AU-A-2019239606  
**(21)** 2019239606 **(22)** 21.03.2019  
**(54)** Titanium dioxide  
**(51)** Int. Cl.  
**A61K 8/29** ( 2006.01 )  
**A61K 8/02** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )  
**(87)** WO2019/180114  
**(31)** 18163206.8 **(32)** 21.03.18 **(33)** EP  
**(43)** 26.09.2019  
**(72)** JOHN, Stephan; LATVA-NIRVA, Esa; ROBB, John  
**(74)** MINTER ELLISON
- 
- (71)** Vexo International (UK) Limited  
**(11)** AU-A-2019226431  
**(21)** 2019226431 **(22)** 12.02.2019  
**(54)** Fluid circuit filling apparatus and method  
**(51)** Int. Cl.  
**F24D 19/00** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )  
**E03B 7/07** ( 2006.01 )  
**(87)** WO2019/166766  
**(31)** 1803136.9 **(32)** 27.02.18 **(33)** GB  
**(43)** 06.09.2019  
**(72)** COWLEY, Richard; WILKINSON, Darren  
**(74)** HopgoodGanim
- 
- (71)** Vilox AB  
**(11)** AU-A-2019211133  
**(21)** 2019211133 **(22)** 28.01.2019  
**(54)** Joining system for floor panels  
**(51)** Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**(87)** WO2019/145521  
**(31)** 1830029-3 **(32)** 27.01.18 **(33)** SE  
**(43)** 01.08.2019  
**(72)** MARKOVSKI, Bobby; ROSANDER, Bengt; PERSSON, Magnus  
**(74)** FB Rice Pty Ltd
- 
- (71)** Walker, J.  
**(11)** AU-A-2019225454  
**(21)** 2019225454 **(22)** 25.02.2019  
**(54)** Real-time incident reporting and alert system  
**(51)** Int. Cl.  
**G08B 25/12** ( 2006.01 )  
**G08B 27/00** ( 2006.01 )  
**H04W 4/90** ( 2018.01 )  
**(87)** WO2019/161458  
**(31)** 2018900586 **(32)** 23.02.18 **(33)** AU  
**(43)** 29.08.2019  
**(72)** SWEET, Garry  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71)** Waterdiam France SAS  
**(11)** AU-A-2019228052  
**(21)** 2019228052 **(22)** 15.02.2019  
**(54)** Electrolysis method and device for spas and pools  
**(51)** Int. Cl.  
**C02F 1/461** ( 2006.01 )  
**C02F 103/42** ( 2006.01 )  
**(87)** WO2019/166248  
**(31)** PCT/IB2018/000315 **(32)** 28.02.18 **(33)** FR  
**(43)** 06.09.2019  
**(72)** PUPUNAT, Laurent; GINTER, Anthony  
**(74)** Madderns Pty Ltd
- 
- (71)** Weatherford Technology Holdings, LLC  
**(11)** AU-A-2019236099  
**(21)** 2019236099 **(22)** 07.03.2019  
**(54)** Downhole casing pulling tool  
**(51)** Int. Cl.  
**E21B 23/01** ( 2006.01 )  
**E21B 31/20** ( 2006.01 )  
**(87)** WO2019/177862  
**(31)** 15/924,009 **(32)** 16.03.18 **(33)** US  
**(43)** 19.09.2019  
**(72)** SCHMIDT, Ronald G.; SMALLEY, Michael  
**(74)** WRAYS PTY LTD
- 
- (71)** Weir Canada, Inc.  
**(11)** AU-A-2019240176  
**(21)** 2019240176 **(22)** 13.03.2019  
**(54)** Wear-levelling apparatus for cyclones  
**(51)** Int. Cl.  
**B04C 5/08** ( 2006.01 )  
**B04C 5/085** ( 2006.01 )  
**B04C 11/00** ( 2006.01 )  
**(87)** WO2019/180549



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- (31) 62/646,035 (32) 21.03.18 (33) US  
(43) 26.09.2019  
(72) SWINTAK, Mike; SCHMIDT, Mark; PAJIC, Vladimir; HAIGHT, Richard; STARK, Ronald; SIU, Edwin  
(74) WEIR MINERALS AUSTRALIA LTD
- 
- (71) Welltec Oilfield Solutions AG  
(11) AU-A-2019219113  
(21) 2019219113 (22) 07.02.2019  
(54) Downhole system with sliding sleeve  
(51) Int. Cl.  
E21B 34/06 (2006.01)  
E21B 34/14 (2006.01)  
(87) WO2019/154940  
(31) 18155899.0 (32) 08.02.18 (33) EP  
(43) 15.08.2019  
(72) VASQUES, Ricardo Reves  
(74) Spruson & Ferguson
- 
- (71) Wing Aviation LLC  
(11) AU-A-2019234381  
(21) 2019234381 (22) 07.03.2019  
(54) Portable autonomous vehicle connectivity platform  
(51) Int. Cl.  
H04W 88/08 (2009.01)  
(87) WO2019/177868  
(31) 15/918,554 (32) 12.03.18 (33) US  
(43) 19.09.2019  
(72) CHALMER, Jeremy; HILTON, Jason; MI-NAHAN, Jason  
(74) Spruson & Ferguson
- 
- (71) Xiamen University; Yang Sheng Tang Company, Ltd  
(11) AU-A-2019214179  
(21) 2019214179 (22) 01.02.2019  
(54) Pseudorabies virus for treating tumors  
(51) Int. Cl.  
C12N 7/00 (2006.01)  
A61K 39/245 (2006.01)  
A61P 31/22 (2006.01)  
C12N 7/01 (2006.01)  
(87) WO2019/149265  
(31) 201810100861.5 (32) 01.02.18 (33) CN  
(43) 08.08.2019  
(72) CHEN, Yixin; WANG, Guosong; YUAN, Quan; CAO, Jiali; LIN, Lina; XIA, Ning-shao  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Yaich, H.  
(11) AU-A-2019267304  
(21) 2019267304 (22) 12.04.2019  
(54) Boiler heating system  
(51) Int. Cl.  
F24B 9/00 (2006.01)  
F24H 1/00 (2006.01)  
(87) WO2019/215715  
(31) 259265 (32) 10.05.18 (33) IL  
(43) 14.11.2019  
(72) YAICH, Hertzell  
(74) LAMINAR IP PTY LTD
- 
- (71) Yara International ASA  
(11) AU-A-2019229550  
(21) 2019229550 (22) 05.03.2019  
(54) A setting and hardening accelerator for a cement, mortar or concrete composition, optionally comprising supplementary cementitious materials, and use of this accelerator  
(51) Int. Cl.  
C04B 40/00 (2006.01)  
C04B 28/02 (2006.01)  
C04B 103/10 (2006.01)  
(87) WO2019/170657  
(31) 18160001.6 (32) 05.03.18 (33) EP  
(43) 12.09.2019  
(72) FRANKE, Wolfram; THOMMESEN, Hilde  
(74) WRAYS PTY LTD
- 
- (71) Yeda Research and Development Co. Ltd.  
(11) AU-A-2019214587  
(21) 2019214587 (22) 31.01.2019  
(54) Endoplasmic reticulum targeting signal  
(51) Int. Cl.  
C07K 14/435 (2006.01)  
(87) WO2019/150373  
(31) 257269 (32) 31.01.18 (33) IL  
(43) 08.08.2019  
(72) GERST, Jeffrey E.; LIM, Lisha Qiu Jin; PILPEL, Yitzhak; OLENDER, Tsviya; DA-HARY, Dvir; COHEN-ZONTAG, Osnat  
(74) Griffith Hack
- 
- (71) Yoshino Gypsum Co., Ltd.  
(11) AU-A-2019248034  
(21) 2019248034 (22) 15.03.2019  
(54) Multitubular rotary heat exchanger  
(51) Int. Cl.  
F28D 11/04 (2006.01)  
(87) WO2019/193957  
(31) 2018-070578 (32) 02.04.18 (33) JP  
(43) 10.10.2019  
(72) YOSHIDA, Tomonori; TAKENAKA, Takeshi  
(74) Spruson & Ferguson
- 
- (71) Zenflow, Inc.  
(11) AU-A-2019271283  
(21) 2019271283 (22) 16.05.2019  
(54) Systems, devices, and methods for the accurate deployment and imaging of an implant in the prostatic urethra  
(51) Int. Cl.  
A61F 2/04 (2013.01)  
A61F 2/02 (2006.01)  
A61F 2/844 (2013.01)  
A61F 2/86 (2013.01)  
A61F 2/88 (2006.01)  
A61F 2/962 (2013.01)  
A61F 2/966 (2013.01)  
(87) WO2019/222481  
(31) 62/673,097 (32) 17.05.18 (33) US  
(43) 21.11.2019  
(72) BLY, Austin Michael; SICOTTE, Marcel Song; MEHTA, Shreya; BELEF, William Martin; DAMIANO, Nicholas  
(74) AJ PARK
- 
- (71) Zhou, X.  
(11) AU-A-2019214074  
(21) 2019214074 (22) 19.01.2019  
(54) Method for processing data  
(51) Int. Cl.  
H04L 29/06 (2006.01)  
(87) WO2019/149094  
(31) 201810108885.5 (32) 01.02.18 (33) CN  
(43) 08.08.2019  
(72) ZHOU, Xingchang  
(74) xingchang zhou
- 
- (71) ZP SPV 3 K/S  
(11) AU-A-2019228639  
(21) 2019228639 (22) 26.02.2019  
(54) Compstatin analogues and their medical uses  
(51) Int. Cl.  
C07K 7/08 (2006.01)  
C07K 14/47 (2006.01)  
(87) WO2019/166411  
(31) 18158834.4 (32) 27.02.18 (33) EP  
18214949.2 20.12.18 EP  
(43) 06.09.2019  
(72) SHELTON, Pernille Tofteng; FOG, Jacob Ulrik; MADSEN, Jens Kvist  
(74) AJ PARK
- 
- (71) ZTE Corporation  
(11) AU-A-2018404377  
(21) 2018404377 (22) 24.01.2018  
(54) Methods and computing device for splitting traffic across multiple accesses  
(51) Int. Cl.  
H04W 28/02 (2009.01)  
H04W 28/24 (2009.01)  
H04W 76/15 (2018.01)  
(87) WO2019/144310  
(43) 01.08.2019  
(72) ZHU, Jinguo; ZHOU, Xingyue; LU, Fei; LIANG, Shuang  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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|-------------------|--|-------------------|--|
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| <b>2018404377</b> | ZTE Corporation  | <b>2019211323</b> | Thermos L.L.C.; Thermos (China) Housewares Co. Ltd.  |
| <b>2018404398</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019211382</b> | Bristol-Myers Squibb Company   |
| <b>2018404483</b> | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.   | <b>2019211495</b> | Rite Taste, LLC; Nawana, N.  |
| <b>2018404484</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019211602</b> | ITO EN, Ltd.   |
| <b>2018404657</b> | LG Electronics Inc.  | <b>2019211671</b> | Sany Mobile Cranes Co., Ltd.   |
| <b>2018405578</b> | S&C Electric Company   | <b>2019212316</b> | Rubber Nano Products (Proprietary) Limited   |
| <b>2018405906</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019212597</b> | Hussain, A.  |
| <b>2018405963</b> | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.   | <b>2019212630</b> | University of Rochester  |
| <b>2018406921</b> | Hitachi Chemical Company, Ltd.   | <b>2019212638</b> | Genzyme Corporation  |
| <b>2018407010</b> | Daikin Industries, Ltd.  | <b>2019212640</b> | Khoury, J.   |
| <b>2018407188</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019212646</b> | Knitmasters, LLC   |
| <b>2018407210</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019212793</b> | Tyco Fire Products LP  |
| <b>2018407846</b> | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.   | <b>2019212923</b> | Tyco Fire Products LP  |
| <b>2018407961</b> | Keelson Technology Corporation Limited; Zhejiang Yangtze Delta Region Institute of Tsinghua University           | <b>2019212959</b> | Capulus Therapeutics, LLC  |
| <b>2018408266</b> | NTT DoCoMo, Inc.   | <b>2019212980</b> | The Johns Hopkins University   |
| <b>2018408300</b> | Space Systems APS  | <b>2019213033</b> | Novozymes A/S; Microbiogen Pty. Ltd.   |
| <b>2018408897</b> | NTT DOCOMO, Inc.   | <b>2019213277</b> | Therapix Biosciences Ltd.  |
| <b>2018409008</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019213466</b> | H3 Dynamics Holdings Pte. Ltd.   |
| <b>2018409333</b> | NTT DoCoMo, Inc.   | <b>2019213472</b> | Create It Real Aps   |
| <b>2018409850</b> | Douglas, R.  | <b>2019214074</b> | Zhou, X.   |
| <b>2018409912</b> | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.   | <b>2019214179</b> | Xiamen University; Yang Sheng Tang Company, Ltd  |
| <b>2018410185</b> | Sumitomo Electric Industries, Ltd.; National University Corporation Yokohama National University                 | <b>2019214188</b> | Adagene Inc.   |
| <b>2018411085</b> | Kimberly-Clark Worldwide, Inc.   | <b>2019214189</b> | Adagene Inc.   |
| <b>2018411527</b> | Symrise AG   | <b>2019214298</b> | Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.   |
| <b>2018411537</b> | Hyl Technologies S.A. de C.V.; Danieli & C. Officine Meccaniche S.p.A.   | <b>2019214426</b> | Technical University of Denmark  |
| <b>2018411936</b> | Mitsubishi Electric Corporation  | <b>2019214459</b> | Tracegrow Oy   |
| <b>2018412242</b> | Sumitomo Electric Industries, Ltd.   | <b>2019214538</b> | Lysaa Holding AS   |
| <b>2018413671</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.   | <b>2019214587</b> | Yeda Research and Development Co. Ltd.   |
| <b>2018413791</b> | Step Pharma S.A.S.   | <b>2019214865</b> | OncoImmune, Inc.; University of Maryland, Baltimore  |
| <b>2018414541</b> | ConMed Corporation   | <b>2019214938</b> | Histogen, Inc.   |
| <b>2018415095</b> | Shenzhen Elemex Technology, Ltd  | <b>2019214955</b> | Hydroside Systems LLC  |
| <b>2018415723</b> | Rovi Guides, Inc.  | <b>2019215006</b> | The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.                                    |
| <b>2018415738</b> | Huawei Technologies Co., Ltd.  | <b>2019215046</b> | Curelator, Inc.; Mian, A.; Vives-Mestres, M.; Cabrera, T.; Barreiros, F.                                     |
| <b>2018416405</b> | Dainichiseika Color & Chemicals Mfg. Co., Ltd.   | <b>2019215049</b> | Aptinyx Inc.   |
| <b>2018416418</b> | Sandvik Mining and Construction G.m.b.H.   | <b>2019215058</b> | Aptinyx Inc.   |
| <b>2018418818</b> | Electrolux Appliances Aktiebolag   | <b>2019215191</b> | University of Washington   |
| <b>2018421493</b> | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.   | <b>2019215229</b> | Access Virtual, LLC  |
| <b>2018422281</b> | Biomass Technologies Pty Ltd   | <b>2019215250</b> | H3 Dynamics Holdings Pte. Ltd.   |
| <b>2018423498</b> | Jhunjunwala, S.  | <b>2019215587</b> | IFP Energies nouvelles   |
| <b>2018424254</b> | Obshchestvo s Ogranichennoy Otvetstvennost'yu "Obedinennaya Kompaniya Rusal Inzhenerno-Tekhnologicheskii Tsentr" | <b>2019215793</b> | Kohl, T.   |
| <b>2018427118</b> | Halliburton Energy Services, Inc.  | <b>2019215800</b> | OZM Australia Pty Ltd  |
| <b>2018427119</b> | Halliburton Energy Services, Inc.  | <b>2019216369</b> | Paradoxx Ltd   |
| <b>2018427120</b> | Halliburton Energy Services, Inc.  | <b>2019216427</b> | R.I.P., LLC  |
| <b>2018427121</b> | Halliburton Energy Services, Inc.  | <b>2019216461</b> | Purple Line Limited  |
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| <b>2019203848</b> | Alibaba Group Holding Limited  | <b>2019216948</b> | Antheia, Inc.  |
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| <b>2019203850</b> | Alibaba Group Holding Limited  | <b>2019217409</b> | MediaTek Inc.  |
| <b>2019203851</b> | Alibaba Group Holding Limited  | <b>2019217416</b> | Boston Scientific Neuromodulation Corporation  |
| <b>2019203852</b> | Alibaba Group Holding Limited  | <b>2019217490</b> | Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F. S.p.A.  |
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| <b>2019211016</b> | Ahrma Holding B.V.   | <b>2019217779</b> | Brock, D.  |
| <b>2019211133</b> | Vilox AB   | <b>2019217958</b> | Suntory Holdings Limited   |
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| 2019221225 | Huawei Technologies Co., Ltd.   | 2019226989 | inApril AS   |
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| 2019224550 | Universität Zürich  | 2019228575 | Baylor College of Medicine; The Methodist Hospital D/B/A<br>Houston Methodist        |
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| 2019225391 | Huntley, S.   | 2019229550 | Yara International ASA   |
| 2019225447 | Kambouris, A.   | 2019229634 | Drylock Technologies NV  |
| 2019225448 | Goodcart Pty Ltd  | 2019229726 | Nicoventures Trading Limited   |
| 2019225454 | Walker, J.  | 2019229744 | University of Newcastle Upon Tyne  |
| 2019225457 | AE Investment Nominees Pty Ltd  | 2019229758 | Ieso Digital Health Limited  |
| 2019225466 | Naismith Systems Inc.   | 2019229933 | H2 PowerTech, LLC  |
| 2019225481 | Unified Safety Inc.   | 2019230014 | Alkermes Pharma Ireland Limited; Von Moltke, L.; Weiden,<br>P.; Hard, M.             |
| 2019225741 | Dragonfly Therapeutics, Inc.  | 2019230224 | MU Mecanicos Unidos S.A.S  |
| 2019225742 | Advanced Aesthetic Technologies, Inc.   | 2019230285 | Nitto Kohki Co., Ltd.  |
| 2019225798 | Medigene Immunotherapies GmbH   | 2019230473 | Enersion Inc.  |
| 2019225920 | Monahan Products, LLC   | 2019230497 | Guangdong Raynovent Biotech Co., Ltd.  |
| 2019225991 | Smartsky Networks LLC   | 2019230532 | Sandvik Mining and Construction Tools AB   |
| 2019225999 | Cargill, Incorporated   | 2019230533 | Sandvik Mining and Construction Tools AB   |
| 2019226005 | Cargill, Incorporated   | 2019231208 | Goldfinch Bio, Inc.  |
| 2019226006 | Cargill, Incorporated   | 2019231258 | Alarm.com Incorporated   |
| 2019226052 | The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) | 2019231315 | Sorrento Therapeutics, Inc.  |
| 2019226085 | Genentech, Inc.   | 2019231330 | Margin-Clear Pty Ltd   |
| 2019226101 | H. Lee Moffitt Cancer Center and Research Institute Inc.  | 2019231556 | Encite, LLC  |
| 2019226106 | Evoqua Water Technologies LLC; Evoqua Water Technologies Limited  | 2019231692 | Americorp Investments LLC  |
|            |   | 2019232264 | Engin, Inc.  |

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| 2019232391 | Forescout Technologies, Inc.   | 2019248034 | Yoshino Gypsum Co., Ltd.   |
| 2019232505 | Technische Universität Berlin  | 2019248434 | Qualcomm Incorporated  |
| 2019232602 | Forschungsverband Berlin E.V.; Ludwig-Maximilians-Universität München  | 2019248674 | Huawei Technologies Co., Ltd.                                    |
| 2019232625 | Pfizer Inc.  | 2019249721 | Merck Patent GmbH  |
| 2019232674 | Fresenius Medical Care Holdings, Inc.                                  | 2019249939 | Telefonaktiebolaget LM Ericsson                                  |
| 2019232760 | The Feinstein Institute for Medical Research                           | 2019250610 | Klöckner Pentaplast GmbH   |
| 2019233204 | Fochon Pharmaceuticals, Ltd.; Shanghai Fochon Pharmaceutical Co., Ltd. | 2019251102 | Metcalfe, D.; Eubanks, R.  |
| 2019233575 | Tusk Therapeutics Ltd; Cancer Research Technology Limited              | 2019251763 | Bradshaw, G.   |
| 2019233576 | Tusk Therapeutics Ltd; Cancer Research Technology Limited              | 2019252281 | Outreach Corporation   |
| 2019233603 | Smivet B.V.  | 2019252496 | Chong Kun Dang Pharmaceutical Corp.                              |
| 2019233606 | Kandy Therapeutics Limited   | 2019252569 | Bayer Aktiengesellschaft   |
| 2019233611 | Subsea 7 Norway AS   | 2019254245 | Electrolux Appliances Aktiebolag                                 |
| 2019233698 | Immunic AG   | 2019255370 | Checkmate Pharmaceuticals, Inc.                                  |
| 2019233794 | University of Leicester  | 2019256495 | Hilti Aktiengesellschaft   |
| 2019233901 | IGTX, LLC  | 2019257331 | Henkel IP & Holding GmbH   |
| 2019233917 | Cytoimmune Therapeutics, Inc.  | 2019259476 | Nova Chemicals (International) S.A.                              |
| 2019233941 | MBDA UK Limited  | 2019260109 | Janssen Sciences Ireland Unlimited Company                       |
| 2019234043 | Pfizer Inc.  | 2019260241 | Huawei Technologies Co., Ltd.                                    |
| 2019234381 | Wing Aviation LLC  | 2019262222 | DexCom, Inc.   |
| 2019234759 | Biogen MA Inc.   | 2019263295 | DexCom, Inc.   |
| 2019234822 | Google LLC   | 2019264343 | Societe des Produits Nestle S.A.                                 |
| 2019234836 | The Regents of The University of California                            | 2019267304 | Yaich, H.  |
| 2019234918 | Research Institute at Nationwide Children's Hospital                   | 2019271283 | Zenflow, Inc.  |
| 2019235368 | Schunk Transit Systems GmbH  | 2019274626 | Boehringer Ingelheim International GmbH                          |
| 2019235881 | Genentech, Inc.  | 2019280998 | Precision Planting LLC   |
| 2019236073 | Buckman Laboratories International, Inc.                               | 2019283732 | Healthcare Technology Innovation Centre                          |
| 2019236099 | Weatherford Technology Holdings, LLC                                   | 2019283733 | Healthcare Technology Innovation Centre                          |
| 2019236211 | Arbor Biotechnologies, Inc.  | 2019283734 | Healthcare Technology Innovation Centre                          |
| 2019236217 | R.P. Scherer Technologies, LLC   | 2019283735 | Healthcare Technology Innovation Centre                          |
| 2019236237 | R.P. Scherer Technologies, LLC   | 2019284642 | Indorama Ventures Oxides LLC                                     |
| 2019236288 | Cedars-Sinai Medical Center  | 2019285797 | Komatsu Ltd.   |
| 2019237168 | Avsalt AB  | 2019298232 | Dolby Laboratories Licensing Corporation; Dolby International AB |
| 2019237298 | Soilmec S.p.A.   | 2019298240 | Dolby Laboratories Licensing Corporation; Dolby International AB |
| 2019237892 | Qualcomm Incorporated  | 2019298826 | MIT Entwicklungs GmbH  |
| 2019238568 | Mihaljevic, A.; Mirza, D.; Kraljevic, M.                               | 2019302301 | Hemotek, LLC   |
| 2019238994 | Fernández Del Castillo y Simón, G.                                     | 2019310803 | Innovent Biologics (Suzhou) Co., Ltd.                            |
| 2019239097 | Qualcomm Incorporated  | 2019311716 | CRRC Yangtze Co., Ltd.   |
| 2019239509 | Deutsche Bahn AG   | 2019384814 | Buffalo Filter LLC   |
| 2019239568 | Board of Regents, The University of Texas System                       | 2019387713 | Fortescue Metals Group Ltd                                       |
| 2019239572 | JENOPTIK Robot GmbH  | 2019426881 | Intuit Inc.  |
| 2019239596 | Abiomed Europe GmbH  | 2020207784 | Advanced Fleet Signs Pty Ltd                                     |
| 2019239606 | Venator Germany GmbH   | 2020223651 | Attenti Electronic Monitoring Ltd.                               |
| 2019239822 | K. Hartwall Oy Ab  |            |  |
| 2019239961 | Buckman Laboratories International, Inc.                               |            |  |
| 2019240111 | ALX Oncology Inc.  |            |  |
| 2019240176 | Weir Canada, Inc.  |            |  |
| 2019240189 | Depuy Synthes Products, Inc.   |            |  |
| 2019240214 | Ionis Pharmaceuticals, Inc.  |            |  |
| 2019240294 | Israel Aerospace Industries Ltd.                                       |            |  |
| 2019240306 | ConocoPhillips Company   |            |  |
| 2019240408 | Qualcomm Incorporated  |            |  |
| 2019240902 | Syngenta Participations AG   |            |  |
| 2019241412 | Top Cap Holding GmbH   |            |  |
| 2019241456 | Frito-Lay Trading Company GmbH   |            |  |
| 2019242002 | Northrop Grumman Systems Corporation                                   |            |  |
| 2019242012 | Buckman Laboratories International, Inc.                               |            |  |
| 2019242623 | ConocoPhillips Company   |            |  |
| 2019243595 | Amgen Inc.   |            |  |
| 2019243686 | The Governors of the University of Alberta                             |            |  |
| 2019243848 | Amgen Inc.   |            |  |
| 2019244394 | Nicoventures Trading Limited   |            |  |
| 2019244581 | Rancilio Group S.p.A.  |            |  |
| 2019244702 | DePuy Synthes Products, Inc.   |            |  |
| 2019244866 | DePuy Synthes Products, Inc.   |            |  |
| 2019245665 | Unilever PLC   |            |  |
| 2019245709 | Unilever PLC   |            |  |
| 2019246140 | 4SC AG   |            |  |
| 2019246415 | Keygene N.V.   |            |  |
| 2019246651 | Innospec Limited   |            |  |
| 2019246734 | DePuy Synthes Products, Inc.   |            |  |

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| 2019280998               | 2019226052               | 2019236237               | 2019211323   |  | 2019228529<br>2019233917   |
| <b><u>A01C 7 /-</u></b>  | <b><u>A01N 43 /-</u></b> | <b><u>A23P 20 /-</u></b> | <b><u>A47G 9 /-</u></b>  | <b><u>A61D 7 /-</u></b>  | <b><u>A61K 38 /-</u></b>   |
| 2019280998               | 2019240902<br>2019284642 | 2019229236               | 2018423498   | 2019224928<br>2019251763   | 2019212980<br>2019220607<br>2019224113<br>2019225742<br>2019226085<br>2019226355<br>2019236288   |
| <b><u>A01D 34 /-</u></b> | <b><u>A01N 63 /-</u></b> | <b><u>A24B 3 /-</u></b>  | <b><u>A47J 31 /-</u></b>   | <b><u>A61F 13 /-</u></b>   |  |
| 2019252569               | 2019223975<br>2019229163 | 2019223424               | 2019244581   | 2018411085<br>2019229634   |  |
| <b><u>A01G 17 /-</u></b> | <b><u>A01N 65 /-</u></b> | <b><u>A24F 47 /-</u></b> | <b><u>A47J 41 /-</u></b>   | <b><u>A61F 2 /-</u></b>  |  |
| 2019211602               | 2019223975               | 2019223424               | 2019211323   | 2019244702<br>2019246734<br>2019271283   | <b><u>A61K 39 /-</u></b>   |
| <b><u>A01G 22 /-</u></b> | <b><u>A01P 21 /-</u></b> | <b><u>A41D 1 /-</u></b>  | <b><u>A47J 43 /-</u></b>   |  | 2019209435<br>2019212638<br>2019212980<br>2019214179<br>2019214188<br>2019214189<br>2019214865<br>2019217584<br>2019218128<br>2019225237<br>2019225249<br>2019226674<br>2019228508<br>2019232625<br>2019233575<br>2019233576<br>2019233917<br>2019235881<br>2019240111<br>2019246140<br>2019310803 |
| 2019211602               | 2019226052               | <b><u>A41D 13 /-</u></b> | 2019264343   | <b><u>A61F 5 /-</u></b>  |  |
| <b><u>A01G 25 /-</u></b> | <b><u>A21B 5 /-</u></b>  | <b><u>A41D 27 /-</u></b> | <b><u>A47L 13 /-</u></b>   | 2019216427   | <b><u>A61F 9 /-</u></b>  |
| 2019214955               | 2019230224               | 2019225466               | 2019227950   |  | 2019212630   |
| <b><u>A01G 31 /-</u></b> | <b><u>A21C 11 /-</u></b> | <b><u>A43B 1 /-</u></b>  | <b><u>A47L 15 /-</u></b>   | <b><u>A61J 3 /-</u></b>  |  |
| 2019214538               | 2019230224               | 2019212646               | 2018418818   | 2019212630   |  |
| <b><u>A01G 7 /-</u></b>  | <b><u>A23G 3 /-</u></b>  | <b><u>A43B 23 /-</u></b> | <b><u>A47L 5 /-</u></b>  | <b><u>A61K 31 /-</u></b>   |  |
| 2019211602<br>2019229163 | 2019229236               | 2019212646               | 2018404657   | 2018413791<br>2019209435<br>2019211382<br>2019212959<br>2019213277<br>2019215049<br>2019215058<br>2019215191<br>2019217094<br>2019218150<br>2019218177<br>2019220062<br>2019221826<br>2019222052<br>2019223187<br>2019228497<br>2019228575<br>2019228717<br>2019229130<br>2019229256<br>2019229258<br>2019230014<br>2019231208<br>2019232760<br>2019233204<br>2019233606<br>2019233698<br>2019233901<br>2019234759<br>2019234836<br>2019243686<br>2019246140<br>2019249721<br>2019252496<br>2019260109 | <b><u>A61K 45 /-</u></b>   |
| <b><u>A01H 1 /-</u></b>  | <b><u>A23G 4 /-</u></b>  | <b><u>A43B 5 /-</u></b>  | <b><u>A47L 9 /-</u></b>  |  | 2019211382<br>2019215191   |
| 2019246415               | 2019229236               | 2019212646               | 2018404657   | <b><u>A61B 17 /-</u></b>   | <b><u>A61K 47 /-</u></b>   |
| <b><u>A01H 5 /-</u></b>  | <b><u>A23L 19 /-</u></b> | <b><u>A44B 19 /-</u></b> | <b><u>A61B 18 /-</u></b>   | 2018414541<br>2019240189<br>2019244866   | 2019212980<br>2019220062<br>2019225237<br>2019228885<br>2019232602<br>2019232625   |
| 2019246415               | 2019241456               | 2019225466               | 2019218510<br>2019384814   |  |  |
| <b><u>A01K 1 /-</u></b>  | <b><u>A23L 2 /-</u></b>  | <b><u>A44C 5 /-</u></b>  | <b><u>A61B 34 /-</u></b>   | <b><u>A61B 5 /-</u></b>  | <b><u>A61K 48 /-</u></b>   |
| 2018408300               | 2019225447<br>2019227917 | 2019225466               | 2019228497   | 2019225223<br>2019226356<br>2019227072<br>2019232674<br>2019245665<br>2019262222<br>2019263295<br>2019283732<br>2019283733<br>2019283734<br>2019283735   | 2019211382<br>2019215191   |
| <b><u>A01K 13 /-</u></b> | <b><u>A23L 29 /-</u></b> | <b><u>A45D 1 /-</u></b>  | <b><u>A61B 34 /-</u></b>   |  | <b><u>A61K 47 /-</u></b>   |
| 2019251763               | 2019228885<br>2019236237 | 2020223651               | 2019298826   |  | 2019212980<br>2019220062<br>2019225237<br>2019228885<br>2019232602<br>2019232625   |
| <b><u>A01K 15 /-</u></b> | <b><u>A23L 33 /-</u></b> | <b><u>A45D 2 /-</u></b>  | <b><u>A61B 5 /-</u></b>  |  |  |
| 2019227915               | 2019217779               | 2019216369               | 2019225223<br>2019226356<br>2019227072<br>2019232674<br>2019245665<br>2019262222<br>2019263295<br>2019283732<br>2019283733<br>2019283734<br>2019283735 |  |  |
| <b><u>A01K 27 /-</u></b> | <b><u>A23L 5 /-</u></b>  | <b><u>A45D 34 /-</u></b> | <b><u>A61B 6 /-</u></b>  |  | <b><u>A61K 51 /-</u></b>   |
| 2019227915               | 2019217779               | 2019216369               | 2019234836<br>2019243686<br>2019246140<br>2019249721<br>2019252496<br>2019260109   |  | 2019212980<br>2019220062<br>2019225237<br>2019228885<br>2019232602<br>2019232625   |
| <b><u>A01M 21 /-</u></b> | <b><u>A23L 7 /-</u></b>  | <b><u>A46B 5 /-</u></b>  | <b><u>A61B 8 /-</u></b>  |  | 2019215191<br>2019221826<br>2019233901   |
| 2019252569               | 2019228885               | 2019218878               |  |  |  |
| <b><u>A01M 7 /-</u></b>  | <b><u>A23N 15 /-</u></b> | <b><u>A46B 5 /-</u></b>  |  |  | <b><u>A61K 8 /-</u></b>  |
| 2019252569               | 2019241456               | 2019218878               |  |  | 2018411527<br>2019236237<br>2019239606<br>2019245709<br>2019302301   |
| <b><u>A01N 25 /-</u></b> | <b><u>A23N 7 /-</u></b>  |                          |  |  |  |
| 2019224471<br>2019284642 | 2019241456               |                          |  |  |  |
|                          |                          |                          | 2019283732<br>2019283733   |  |  |

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|                         |                         |                         |                         |                          |                         |
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| <b><u>A61K 9/-</u></b>  | 2019235881              | 2019274626              | <b><u>A63B 22/-</u></b> | <b><u>B05B 14/-</u></b>  | <b><u>B30B 1/-</u></b>  |
| 2018411527              | <b><u>A61P 17/-</u></b> | <b><u>A61P 37/-</u></b> | 2019251102              | 2019232505               | 2019230224              |
| 2019212980              |                         |                         |                         |                          |                         |
| 2019214938              | 2019229258              | 2019218128              | <b><u>A63F 13/-</u></b> | <b><u>B07B 1/-</u></b>   | <b><u>B32B 3/-</u></b>  |
| 2019224928              | 2019235881              | 2019224550              | 2019228502              | 2019241456               | 2019231556              |
| 2019228529              |                         | 2019226085              |                         |                          |                         |
| 2019228885              | <b><u>A61P 19/-</u></b> | 2019229258              | <b><u>B01D 1/-</u></b>  | <b><u>B07B 13/-</u></b>  | <b><u>B32B 7/-</u></b>  |
| 2019232625              |                         | 2019233698              | 2018422281              | 2019241456               | 2019257331              |
| 2019236217              | 2019243595              | 2019240111              |                         |                          |                         |
| 2019236237              |                         | 2019249721              | <b><u>B01D 29/-</u></b> | <b><u>B07C 3/-</u></b>   | <b><u>B60F 1/-</u></b>  |
| 2019252496              | <b><u>A61P 21/-</u></b> | 2019274626              | 2019227950              | 2019223190               | 2019311716              |
|                         |                         | 2019310803              |                         |                          |                         |
| <b><u>A61L 15/-</u></b> | 2019222052              | <b><u>A61P 43/-</u></b> | <b><u>B01D 39/-</u></b> | <b><u>B21D 51/-</u></b>  | <b><u>B60K 1/-</u></b>  |
|                         | 2019228497              |                         | 2019220520              | 2019241412               | 2019227632              |
| 2019214938              | <b><u>A61P 25/-</u></b> | 2019213277              | <b><u>B01D 46/-</u></b> | <b><u>B23B 45/-</u></b>  | 2019227638              |
| 2019223434              |                         |                         | 2019227827              | 2019230285               | 2019227644              |
| <b><u>A61L 17/-</u></b> | 2019215049              | <b><u>A61P 5/-</u></b>  | <b><u>B01D 53/-</u></b> | <b><u>B23B 5/-</u></b>   | <b><u>B60K 25/-</u></b> |
|                         | 2019215058              |                         | 2019231556              | 2019223074               | 2019211671              |
| 2019226562              | 2019218177              | 2019228529              | <b><u>B01D 61/-</u></b> | <b><u>B23D 21/-</u></b>  | <b><u>B60K 3/-</u></b>  |
|                         | 2019222052              |                         | 2019225447              | 2019227842               | 2019229933              |
| <b><u>A61L 26/-</u></b> | 2019223187              | <b><u>A61P 7/-</u></b>  | 2019237168              | <b><u>B23K 20/-</u></b>  | <b><u>B60K 7/-</u></b>  |
|                         | 2019228497              |                         |                         |                          |                         |
| 2019214938              | 2019230014              | 2019217584              | <b><u>B01J 19/-</u></b> | 2019211323               | <b><u>B60L 13/-</u></b> |
| 2019225742              | 2019233606              | <b><u>A61P 9/-</u></b>  | 2019217490              | <b><u>B23K 26/-</u></b>  | 2019224913              |
|                         | 2019234759              |                         | <b><u>B01J 2/-</u></b>  | 2019211323               | <b><u>B60L 5/-</u></b>  |
| <b><u>A61L 27/-</u></b> | <b><u>A61P 27/-</u></b> | 2019226355              | 2018422281              | <b><u>B25F 5/-</u></b>   | 2019235368              |
|                         |                         |                         | <b><u>B01J 7/-</u></b>  | 2019230285               | <b><u>B60L 50/-</u></b> |
| 2019225742              | 2019252496              | <b><u>A61Q 15/-</u></b> | 2019215250              | <b><u>B26D 1/-</u></b>   | 2019227632              |
| 2019226562              |                         |                         | <b><u>B01L 3/-</u></b>  | 2019227842               | 2019227638              |
| 2019228529              | <b><u>A61P 29/-</u></b> | 2019245709              | 2019211495              | <b><u>B26D 3/-</u></b>   | 2019227644              |
|                         |                         |                         | 2019225223              | 2019227842               | <b><u>B60L 53/-</u></b> |
| <b><u>A61M 1/-</u></b>  | 2019211382              | <b><u>A61Q 17/-</u></b> | <b><u>B02C 2/-</u></b>  | <b><u>B26F 3/-</u></b>   | 2019216461              |
|                         | 2019218128              |                         | 2018415095              | 2019227842               | 2019227632              |
| 2019232674              | 2019228575              | 2019239606              | 2019223264              | <b><u>B29C 33/-</u></b>  | 2019227638              |
| 2019239596              | 2019229130              | <b><u>A61Q 19/-</u></b> | 2019387713              | 2019241412               | 2019227644              |
| 2019384814              | 2019229258              |                         | <b><u>B02C 23/-</u></b> | <b><u>B29C 35/-</u></b>  | <b><u>B60L 58/-</u></b> |
| <b><u>A61M 15/-</u></b> | 2019240111              | 2018411527              | 2018415095              | 2019227842               | 2019227638              |
|                         | 2019249721              | <b><u>A61Q 5/-</u></b>  | 2019223264              | <b><u>B29C 65/-</u></b>  | 2019235368              |
| 2019223424              | <b><u>A61P 3/-</u></b>  | 2018411527              | 2019387713              | <b><u>B29K 705/-</u></b> | <b><u>B60M 1/-</u></b>  |
| 2019227072              |                         |                         | <b><u>B02C 4/-</u></b>  | 2019241412               | 2019227632              |
| 2019228539              | 2019229258              | <b><u>A62B 1/-</u></b>  | 2019387713              | <b><u>B29C 35/-</u></b>  | 2019227644              |
| 2019229726              |                         |                         | <b><u>B04C 11/-</u></b> | 2019241412               | <b><u>B60M 1/-</u></b>  |
| <b><u>A61M 31/-</u></b> | <b><u>A61P 31/-</u></b> | 2019225481              | 2019240176              | <b><u>B29L 31/-</u></b>  | 2019217620              |
|                         |                         |                         |                         | 2019241412               | <b><u>B60P 1/-</u></b>  |
| 2019228497              | 2019214179              | <b><u>A62B 35/-</u></b> | <b><u>B04C 5/-</u></b>  | <b><u>B29K 705/-</u></b> | <b><u>B60P 3/-</u></b>  |
|                         | 2019218150              |                         | 2019240176              | 2019241412               | 2019224091              |
| <b><u>A61M 5/-</u></b>  | 2019230497              | 2019225481              |                         |                          | <b><u>B60P 9/-</u></b>  |
|                         | 2019243686              |                         |                         |                          |                         |
| 2019222638              | 2019260109              | <b><u>A62C 3/-</u></b>  |                         |                          |                         |
| 2019224138              | <b><u>A61P 35/-</u></b> |                         |                         |                          |                         |
| <b><u>A61N 1/-</u></b>  |                         | 2019211172              |                         |                          |                         |
|                         | 2018413791              | 2019211178              |                         |                          |                         |
| 2019217416              | 2019209435              | 2019212793              |                         |                          |                         |
|                         | 2019214188              | 2019212923              |                         |                          |                         |
| <b><u>A61N 5/-</u></b>  | 2019214189              | <b><u>A62C 35/-</u></b> |                         |                          |                         |
|                         | 2019215191              |                         |                         |                          |                         |
| 2019218240              | 2019217094              | 2019211172              |                         |                          |                         |
| 2019231330              | 2019225237              | 2019211178              |                         |                          |                         |
| <b><u>A61P 1/-</u></b>  | 2019225249              | 2019212793              |                         |                          |                         |
|                         | 2019229130              | 2019212923              |                         |                          |                         |
| 2019220062              | 2019229256              | <b><u>A62C 37/-</u></b> |                         |                          |                         |
| 2019235881              | 2019229258              |                         |                         |                          |                         |
|                         | 2019231330              | 2019211172              |                         |                          |                         |
| <b><u>A61P 11/-</u></b> | 2019233204              | 2019211178              |                         |                          |                         |
|                         | 2019233917              | 2019212793              |                         |                          |                         |
| 2019213277              | 2019234043              | 2019212923              |                         |                          |                         |
| 2019218128              | 2019240111              |                         |                         |                          |                         |
| 2019228717              | 2019246140              |                         |                         |                          |                         |
| 2019229258              | 2019249721              |                         |                         |                          |                         |

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

|                          |                           |                           |                           |                          |                           |
|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| <b><u>B60R 9 /-</u></b>  | <b><u>B65D 19 /-</u></b>  | <b><u>C07C 63 /-</u></b>  | 2019260109                | <b><u>C07K 16 /-</u></b> | <b><u>C08L 3 /-</u></b>   |
| 2019217620               | 2019228348                | 2019212959                | <b><u>C07D 487 /-</u></b> | 2019212638               | 2018404175                |
| <b><u>B60W 50 /-</u></b> | <b><u>B65D 8 /-</u></b>   | <b><u>C07D 209 /-</u></b> | 2019211382                | 2019214188               | <b><u>C08L 71 /-</u></b>  |
| 2019239572               | 2019227069                | 2019243686                | 2019215049                | 2019214865               | 2019212316                |
| <b><u>B61B 13 /-</u></b> | <b><u>B65D 88 /-</u></b>  | <b><u>C07D 213 /-</u></b> | 2019215058                | 2019215006               |                           |
| 2019224913               | 2018411537                | 2018413791                | 2019222052                | 2019217584               | <b><u>C08L 77 /-</u></b>  |
| <b><u>B61F 5 /-</u></b>  | <b><u>B65H 54 /-</u></b>  | <b><u>C07D 217 /-</u></b> | 2019225204                | 2019225237               | 2018404175                |
| 2019218536               | 2019224091                | 2019229256                | 2019225249                | 2019225237               |                           |
| <b><u>B61K 13 /-</u></b> | <b><u>B66C 1 /-</u></b>   | <b><u>C07D 221 /-</u></b> | <b><u>C07D 495 /-</u></b> | 2019225249               | <b><u>C08L 79 /-</u></b>  |
| 2019252569               | 2019223264                | 2019212959                | 2019218150                | 2019225741               | 2018404175                |
| <b><u>B61L 15 /-</u></b> | <b><u>B66C 13 /-</u></b>  | <b><u>C07D 231 /-</u></b> | 2019229130                | 2019225798               |                           |
| 2019252569               | 2019211671                | 2019217094                | 2019229256                | 2019226101               | <b><u>C08L 97 /-</u></b>  |
| <b><u>B61L 23 /-</u></b> | <b><u>B82B 1 /-</u></b>   | <b><u>C07D 239 /-</u></b> | 2019234759                | 2019226674               |                           |
| 2019224913               | 2019212980                | 2018413791                | 2019249721                | 2019228110               | <b><u>C08L 97 /-</u></b>  |
| <b><u>B61L 27 /-</u></b> | <b><u>B82Y 5 /-</u></b>   | <b><u>C07D 243 /-</u></b> | <b><u>C07D 498 /-</u></b> | 2019228508               | 2018404175                |
| 2019239509               | 2019212980                | 2019231208                | 2019232760                | 2019232602               |                           |
| <b><u>B61L 3 /-</u></b>  | <b><u>C01B 3 /-</u></b>   | <b><u>C07D 311 /-</u></b> | 2019232760                | 2019232602               | <b><u>C09B 48 /-</u></b>  |
| 2019239509               | 2019215250                | 2019229258                | 2019233575                | 2019232602               |                           |
| <b><u>B62B 3 /-</u></b>  | <b><u>C02F 1 /-</u></b>   | <b><u>C07D 401 /-</u></b> | 2019233575                | 2019232602               | <b><u>C09B 48 /-</u></b>  |
| 2019228005               | 2019223347                | 2018413791                | 2019233576                | 2019232602               | 2018416405                |
| 2019228348               | 2019225447                | <b><u>C07D 403 /-</u></b> | 2019233603                | 2019232602               |                           |
| 2019229140               | 2019226106                |                           | 2019233606                | 2019232602               | <b><u>C09B 67 /-</u></b>  |
| 2019239822               | 2019226431                | 2018413791                | <b><u>C07D 519 /-</u></b> | 2019232602               | 2018416405                |
| <b><u>B62B 5 /-</u></b>  | 2019228052                | 2019230497                | 2019211382                | 2019232602               |                           |
| 2019229140               | 2019230473                | 2019240902                | 2019233204                | 2019232602               | <b><u>C09D 11 /-</u></b>  |
| <b><u>B62B 7 /-</u></b>  | <b><u>C02F 103 /-</u></b> | <b><u>C07D 405 /-</u></b> | <b><u>C07F 9 /-</u></b>   | 2019232602               | 2018416405                |
| 2019225920               | 2019228052                | 2019229258                | 2019259476                | 2019232602               | 2019245665                |
| <b><u>B62D 59 /-</u></b> | <b><u>C04B 103 /-</u></b> | <b><u>C07D 407 /-</u></b> | <b><u>C07H 19 /-</u></b>  | <b><u>C07K 19 /-</u></b> | <b><u>C09D 17 /-</u></b>  |
| 2019216461               | 2019229550                | 2019240902                | 2019222723                | 2019231315               | 2018416405                |
| 2019216462               | <b><u>C04B 28 /-</u></b>  | <b><u>C07D 409 /-</u></b> | 2019234043                | <b><u>C07K 7 /-</u></b>  | <b><u>C09D 195 /-</u></b> |
| <b><u>B63B 21 /-</u></b> | 2019229550                | 2019240902                | <b><u>C07J 17 /-</u></b>  | 2019224113               | 2019225175                |
| 2019233611               | <b><u>C04B 40 /-</u></b>  | <b><u>C07D 413 /-</u></b> | 2019218177                | 2019228639               | <b><u>C09J 11 /-</u></b>  |
| <b><u>B64C 39 /-</u></b> | 2019229550                | 2019229258                | <b><u>C07J 3 /-</u></b>   | <b><u>C08F 4 /-</u></b>  | 2019257331                |
| 2019213466               | <b><u>C05D 9 /-</u></b>   | 2019240902                | 2019218177                | 2019259476               | <b><u>C09J 123 /-</u></b> |
| 2019240294               | 2019214459                | <b><u>C07D 417 /-</u></b> | <b><u>C07J 43 /-</u></b>  | <b><u>C08J 11 /-</u></b> | 2019257331                |
| <b><u>B64F 1 /-</u></b>  | <b><u>C07C 233 /-</u></b> | 2019234759                | <b><u>C07J 5 /-</u></b>   | 2019232505               | <b><u>C09J 191 /-</u></b> |
| 2019213466               | 2019233698                | 2019240902                | 2019218177                | <b><u>C08J 3 /-</u></b>  | 2019257331                |
| 2019240294               | <b><u>C07C 275 /-</u></b> | 2019215049                | <b><u>C07J 7 /-</u></b>   | 2018404175               | <b><u>C09J 7 /-</u></b>   |
| <b><u>B65D 17 /-</u></b> | 2019234836                | 2019217490                | 2019218177                | 2019212316               | 2019257331                |
| 2019241412               |                           | 2019229256                | <b><u>C07K 14 /-</u></b>  | <b><u>C08J 9 /-</u></b>  |                           |
|                          |                           | 2019230497                | 2019214188                | 2018404175               | <b><u>C10L 1 /-</u></b>   |
|                          |                           | 2019233204                | 2019214189                | 2018404175               | 2019246651                |
|                          |                           | 2019249721                | 2019214587                | 2018404175               | 2019302301                |
|                          |                           |                           | 2019217779                | <b><u>C08K 5 /-</u></b>  | <b><u>C10L 10 /-</u></b>  |
|                          |                           |                           | 2019220607                | 2019212316               | 2019246651                |
|                          |                           |                           | 2019225798                | <b><u>C08L 1 /-</u></b>  | <b><u>C11B 3 /-</u></b>   |
|                          |                           |                           | 2019227781                | 2018404175               | 2019225999                |
|                          |                           |                           | 2019228639                | <b><u>C08L 29 /-</u></b> | 2019226005                |
|                          |                           |                           | 2019233575                |                          | 2019226006                |
|                          |                           |                           | 2019233576                |                          |                           |
|                          |                           |                           | 2019236288                |                          |                           |
|                          |                           |                           | 2019246415                |                          |                           |
|                          |                           |                           |                           |                          | <b><u>C11D 11 /-</u></b>  |
|                          |                           |                           |                           |                          | 2019223347                |

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

|                         |                         |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b><u>C11D 7/-</u></b>  | 2019242012              | <b><u>C25D 7/-</u></b>  | <b><u>E04B 1/-</u></b>  | <b><u>E21B 17/-</u></b> | <b><u>F01C 11/-</u></b> |
| 2019223347              | <b><u>C13B 40/-</u></b> | 2018410185              | 2019215800              | 2019230532              | 2019226434              |
| <b><u>C12G 3/-</u></b>  | 2018422281              | <b><u>D03D 1/-</u></b>  | 2019256495              | 2019230533              | <b><u>F01C 21/-</u></b> |
| 2019223094              | <b><u>C13B 50/-</u></b> | 2018423498              | <b><u>E04B 2/-</u></b>  | 2019233611              | 2019226434              |
| 2019223096              | 2018422281              | <b><u>D03D 15/-</u></b> | 2019256495              | <b><u>E21B 19/-</u></b> | 2019226434              |
| <b><u>C12M 1/-</u></b>  | <b><u>C21C 7/-</u></b>  | 2018423498              | <b><u>E04B 5/-</u></b>  | 2019233611              | <b><u>F01C 9/-</u></b>  |
| 2019211495              | 2019227102              | <b><u>D03D 41/-</u></b> | 2019256495              | <b><u>E21B 21/-</u></b> | 2019226434              |
| <b><u>C12N 1/-</u></b>  | <b><u>C22B 19/-</u></b> | 2018423498              | <b><u>E04B 9/-</u></b>  | 2019242623              | <b><u>F02B 29/-</u></b> |
| 2019213033              | 2019214459              | <b><u>D03D 47/-</u></b> | 2019256495              | <b><u>E21B 23/-</u></b> | 2019222988              |
| <b><u>C12N 15/-</u></b> | <b><u>C22B 3/-</u></b>  | 2018423498              | <b><u>E04C 5/-</u></b>  | 2019223074              | <b><u>F02B 33/-</u></b> |
| 2019215191              | 2019214459              | <b><u>D05C 15/-</u></b> | 2019215800              | 2019236099              | 2019222988              |
| 2019216948              | <b><u>C22B 47/-</u></b> | 2019228335              | 2019238568              | <b><u>E21B 3/-</u></b>  | <b><u>F02B 43/-</u></b> |
| 2019221826              | 2019214459              | <b><u>D06F 37/-</u></b> | 2019225481              | 2019237298              | 2019217660              |
| 2019224876              | 2019227102              | 2019224862              | <b><u>E04D 15/-</u></b> | <b><u>E21B 31/-</u></b> | <b><u>F02M 25/-</u></b> |
| 2019231315              | <b><u>C22B 7/-</u></b>  | <b><u>D06F 39/-</u></b> | <b><u>E04F 15/-</u></b> | 2019236099              | 2019217660              |
| 2019233901              | 2019214459              | 2019224862              | 2019211133              | <b><u>E21B 33/-</u></b> | <b><u>F02M 35/-</u></b> |
| 2019234918              | <b><u>C22C 1/-</u></b>  | 2019224862              | <b><u>E04G 17/-</u></b> | 2019225162              | 2019222988              |
| 2019236211              | 2018410185              | <b><u>D21C 5/-</u></b>  | 2019215800              | <b><u>E21B 34/-</u></b> | <b><u>F03B 11/-</u></b> |
| 2019255370              | <b><u>C22C 18/-</u></b> | 2019236073              | <b><u>E04G 21/-</u></b> | 2019219113              | 2019232264              |
| <b><u>C12N 5/-</u></b>  | <b><u>C22C 19/-</u></b> | <b><u>D21H 17/-</u></b> | <b><u>E04H 12/-</u></b> | <b><u>E21B 37/-</u></b> | <b><u>F03B 13/-</u></b> |
| 2019233917              | 2018410185              | 2019236073              | 2019225481              | 2019218547              | 2019215587              |
| 2019243848              | <b><u>C22C 38/-</u></b> | <b><u>D21H 21/-</u></b> | 2019238568              | <b><u>E21B 41/-</u></b> | 2019232264              |
| <b><u>C12N 7/-</u></b>  | 2019227637              | 2018410185              | <b><u>E04H 6/-</u></b>  | 2018427120              | <b><u>F03B 15/-</u></b> |
| 2019214179              | <b><u>C22F 1/-</u></b>  | 2019236073              | 2019213466              | 2018427121              | 2019232264              |
| 2019220607              | 2019227637              | <b><u>E01B 37/-</u></b> | <b><u>E05D 15/-</u></b> | 2018427122              | <b><u>F03D 1/-</u></b>  |
| <b><u>C12N 9/-</u></b>  | <b><u>C23C 24/-</u></b> | 2019252569              | 2019215793              | <b><u>E21B 43/-</u></b> | <b><u>F03D 9/-</u></b>  |
| 2019222723              | 2019227637              | <b><u>E01C 7/-</u></b>  | <b><u>E05D 5/-</u></b>  | 2019227708              | 2019212597              |
| 2019224876              | <b><u>C23C 30/-</u></b> | 2018410185              | 2019215793              | 2019233611              | <b><u>F03D 9/-</u></b>  |
| 2019235881              | 2019227637              | <b><u>E01F 9/-</u></b>  | <b><u>E05D 7/-</u></b>  | 2019223611              | 2019212597              |
| 2019236211              | <b><u>C23F 1/-</u></b>  | 2019224180              | 2019215793              | <b><u>E21B 47/-</u></b> | 2019212597              |
| <b><u>C12P 13/-</u></b> | 2018410185              | 2019225391              | <b><u>E05F 15/-</u></b> | 2019223074              | <b><u>F03G 1/-</u></b>  |
| 2019224876              | <b><u>C25B 1/-</u></b>  | <b><u>E01H 11/-</u></b> | 2019217958              | 2019240306              | 2019228537              |
| 2019216948              | 2019217660              | <b><u>E02D 27/-</u></b> | <b><u>E06B 3/-</u></b>  | <b><u>E21B 49/-</u></b> | 2019228537              |
| <b><u>C12P 17/-</u></b> | 2019226106              | 2019225448              | 2019215793              | 2019223074              | <b><u>F03G 7/-</u></b>  |
| 2019216948              | <b><u>C25B 15/-</u></b> | <b><u>E02F 3/-</u></b>  | <b><u>E06B 7/-</u></b>  | <b><u>E21B 7/-</u></b>  | 2019228537              |
| <b><u>C12P 19/-</u></b> | 2019226106              | 2019285797              | 2019215793              | 2019223074              | <b><u>F04B 53/-</u></b> |
| 2019222723              | <b><u>C25D 1/-</u></b>  | 2019226431              | <b><u>E06B 9/-</u></b>  | 2019237298              | 2019231556              |
| 2019223155              | 2018410185              | 2019227842              | 2019227842              | 2019237298              | 2019231556              |
| <b><u>C12P 21/-</u></b> | 2019217660              | <b><u>E03B 7/-</u></b>  | <b><u>E21C 27/-</u></b> | <b><u>E21C 27/-</u></b> | <b><u>F16B 2/-</u></b>  |
| 2019220667              | 2019226106              | 2019226431              | 2018416418              | <b><u>E21C 35/-</u></b> | 2019224180              |
| 2019243848              | <b><u>C25B 15/-</u></b> | 2019226431              | <b><u>E21C 35/-</u></b> | 2018416418              | 2019224180              |
| <b><u>C12P 7/-</u></b>  | 2019226106              | 2019226431              | <b><u>E21D 9/-</u></b>  | 2018416418              | 2019224180              |
| 2019213033              | <b><u>C25D 1/-</u></b>  | 2019226431              | 2018416418              | 2018416418              | <b><u>F16L 15/-</u></b> |
| <b><u>C12Q 1/-</u></b>  | 2018410185              | 2019227842              | 2018416418              | 2018416418              | 2019230532              |
| 2019211495              |                         |                         |                         |                         |                         |
| 2019222723              |                         |                         |                         |                         |                         |
| 2019232760              |                         |                         |                         |                         |                         |
| 2019233794              |                         |                         |                         |                         |                         |
| 2019240214              |                         |                         |                         |                         |                         |



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

|                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2019230533               | <b><u>F25B 47 /-</u></b> |                          | <b><u>G02B 27 /-</u></b> | 2019227432               | <b><u>G09B 9 /-</u></b>  |
| <b><u>F21S 4 /-</u></b>  | 2018411936               | <b><u>G01M 11 /-</u></b> | 2018427118               | <b><u>G06K 9 /-</u></b>  | 2019215229               |
| 2019225391               | <b><u>F27B 1 /-</u></b>  | 2019239572               | 2018427119               | 2018409850               | <b><u>G09F 13 /-</u></b> |
| <b><u>F21S 8 /-</u></b>  | 2018411537               | <b><u>G01M 3 /-</u></b>  | <b><u>G02B 3 /-</u></b>  | 2019226356               | 2019225391               |
| 2019224180               | <b><u>F27B 3 /-</u></b>  | 2019211172               | 2019212640               | 2019250610               | 2020207784               |
| <b><u>F21V 21 /-</u></b> | 2018411537               | 2019211178               | 2019233941               | <b><u>G06N 10 /-</u></b> | <b><u>G09F 3 /-</u></b>  |
| 2019224180               | <b><u>F27D 3 /-</u></b>  | 2019212793               | <b><u>G02B 5 /-</u></b>  | 2019242002               | 2019257331               |
| <b><u>F22G 5 /-</u></b>  | 2018411537               | 2019212923               | 2019212640               | <b><u>G06Q 10 /-</u></b> | <b><u>G09F 7 /-</u></b>  |
| 2019229933               | <b><u>F28D 11 /-</u></b> | <b><u>G01N 17 /-</u></b> | <b><u>G02F 1 /-</u></b>  | 2019222996               | 2020207784               |
| <b><u>F23N 5 /-</u></b>  | 2019248034               | 2019211172               | 2019233941               | 2019227432               | <b><u>G09F 9 /-</u></b>  |
| 2019254245               | <b><u>F28D 15 /-</u></b> | 2019212793               | <b><u>G03B 3 /-</u></b>  | 2019252281               | 2019225391               |
| <b><u>F24B 9 /-</u></b>  | 2019222988               | 2019212923               | 2019233941               | 2019426881               | <b><u>G10L 15 /-</u></b> |
| 2019267304               | <b><u>F28D 7 /-</u></b>  | <b><u>G01N 21 /-</u></b> | <b><u>G04F 10 /-</u></b> | 2019203852               | 2019234822               |
| <b><u>F24C 3 /-</u></b>  | 2019222988               | 2019226561               | 2019226989               | 2019210753               | <b><u>G10L 19 /-</u></b> |
| 2019254245               | <b><u>F28D 9 /-</u></b>  | 2019245665               | <b><u>G04G 7 /-</u></b>  | 2019252281               | 2019298232               |
| <b><u>F24D 19 /-</u></b> | 2019226802               | <b><u>G01N 27 /-</u></b> | 2019226989               | <b><u>G06Q 50 /-</u></b> | 2019298240               |
| 2019226431               | <b><u>F28F 3 /-</u></b>  | 2018424254               | <b><u>G05B 17 /-</u></b> | 2018427120               | <b><u>G16B 20 /-</u></b> |
| <b><u>F24F 11 /-</u></b> | 2019226802               | 2019211187               | 2018405578               | 2018427121               | 2019221793               |
| 2019221098               | <b><u>F42D 1 /-</u></b>  | 2019233794               | <b><u>G05B 19 /-</u></b> | 2018427122               | 2019227498               |
| <b><u>F24F 13 /-</u></b> | 2019227068               | <b><u>G01N 30 /-</u></b> | 2019226989               | <b><u>G06T 17 /-</u></b> | <b><u>G16B 40 /-</u></b> |
| 2019227827               | 2019227069               | 2019223350               | <b><u>G05G 1 /-</u></b>  | 2018409850               | 2019227498               |
| <b><u>F24F 7 /-</u></b>  | <b><u>G01B 7 /-</u></b>  | 2019211495               | 2019230285               | 2019223959               | <b><u>G16B 45 /-</u></b> |
| 2019212597               | 2019211187               | 2019214426               | <b><u>G06F 1 /-</u></b>  | <b><u>G06T 19 /-</u></b> | 2019223959               |
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| 2018411936               | 2019211016               | 2019226561               | 2019223959               | <b><u>G06T 3 /-</u></b>  | 2019227498               |
| <b><u>F24S 40 /-</u></b> | <b><u>G01G 23 /-</u></b> | 2019227781               | <b><u>G06F 16 /-</u></b> | <b><u>G06T 7 /-</u></b>  | <b><u>G16H 30 /-</u></b> |
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| 2019230473               | 2019218510               | <b><u>G01S 17 /-</u></b> | <b><u>G06F 21 /-</u></b> | 2019225454               | 2019260241               |
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| 2019230473               | 2019215587               | <b><u>G01S 19 /-</u></b> | <b><u>G06F 3 /-</u></b>  | 2018427121               | 2018406921               |
| <b><u>G01M 10 /-</u></b> | <b><u>G01M 10 /-</u></b> | 2019225991               | 2019203848               | <b><u>G08G 1 /-</u></b>  | 2019227632               |
| 2019215587               | 2019215587               | <b><u>G01S 5 /-</u></b>  | 2019203851               | 2019225391               | 2019227638               |
|                          |                          | 2019227915               | <b><u>G06F 8 /-</u></b>  | 2019239509               | 2019227644               |
|                          |                          | 2019248434               | 2019217958               |                          | 2019214459               |
|                          |                          | <b><u>G01S 7 /-</u></b>  |                          |                          |                          |
|                          |                          | 2019239572               |                          |                          |                          |
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| <b>H01M 8 /-</b>   | 2019240408   | 2019221922<br>2019240408 |
| 2018412242<br>2019215250   | <b>H04L 9 /-</b>   | <b>H04W 74 /-</b>        |
| <b>H01Q 1 /-</b>   | 2019203853<br>2019239509   | 2019248674               |
| 2019224180   | <b>H04N 5 /-</b>   | <b>H04W 76 /-</b>        |
| <b>H01R 11 /-</b>  | 2018415738<br>2019233941   | 2018404377               |
| 2019228005   | <b>H04N 7 /-</b>   | <b>H04W 8 /-</b>         |
| <b>H01R 13 /-</b>  | 2019217409<br>2019227915   | 2019249939               |
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| <b>H04L 12 /-</b>  | 2018407210<br>2018407846<br>2018408266<br>2018408897<br>2018409008<br>2019221225 |                          |
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| 2018407188<br>2019239097   |  |                          |

Applications Accepted

Name Index

---

(71) 3M Innovative Properties Company  
 (11) AU-B-2017359167  
 (21) 2017359167 (22) 08.11.2017  
 (54) An automatic darkening filter assembly for a welding protector and a welding protector  
 (51) Int. Cl.  
**A61F 2/06** ( 2013.01 )  
**A61F 9/06** ( 2006.01 )  
**G02B 7/00** ( 2006.01 )  
 (87) WO2018/089415  
 (31) 16198326.7 (32) 11.11.16 (33) EP  
 (43) 17.05.2018  
 (44) 17.09.2020  
 (72) Hansson, Johan M. P.; Hummel, Kjell A.; Stenvall, Thomas B.; Bastman, Linus P.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) 3M Innovative Properties Company  
 (11) AU-B-2018333591  
 (21) 2018333591 (22) 27.08.2018  
 (54) Curved, arcuately-bonded liquid crystal cell and method of making  
 (51) Int. Cl.  
**G02F 1/1333** ( 2006.01 )  
**G02F 1/1339** ( 2006.01 )  
 (87) WO2019/053537  
 (31) 62/558,969 (32) 15.09.17 (33) US  
 (43) 21.03.2019  
 (44) 17.09.2020  
 (72) MAGNUSSON, Kristina M.; MADSEN, Louise L.M.; ZURAVSKAJA, Larissa; JAREFORS, Kenneth  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Academia Sinica  
 (11) AU-B-2015315294  
 (21) 2015315294 (22) 08.09.2015  
 (54) Human iNKT cell activation using glycolipids  
 (51) Int. Cl.  
**C07H 15/18** ( 2006.01 )  
**A61K 39/39** ( 2006.01 )  
 (87) WO2016/040369  
 (31) 62/047,602 (32) 08.09.14 (33) US  
 (43) 17.03.2016  
 (44) 17.09.2020  
 (72) Yu, Alice L.; Lin, Kun-Hsien; Wu, Tai-Na; Wong, Chi-Huey  
 (74) Spruson & Ferguson

---

(71) Accenture Global Solutions Limited  
 (11) AU-B-2019202382  
 (21) 2019202382 (22) 05.04.2019  
 (54) ROBOTIC AGENT CONVERSATION ESCALATION  
 (51) Int. Cl.  
**G10L 15/22** ( 2006.01 )  
**G06Q 50/00** ( 2012.01 )  
 (31) 15/961,393 (32) 24.04.18 (33) US  
 (43) 07.11.2019

(44) 17.09.2020  
 (72) LECUE, Freddy; GUERET, Christophe Dominique  
 (74) Murray Trento & Associates Pty Ltd

---

(71) Accenture Global Solutions Limited  
 (11) AU-B-2019204976  
 (21) 2019204976 (22) 11.07.2019  
 (54) INTELLIGENT DATA INGESTION SYSTEM AND METHOD FOR GOVERNANCE AND SECURITY  
 (51) Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**G06F 21/60** ( 2013.01 )  
 (31) 201841026208 (32) 13.07.18 (33) IN  
 16/298,719 11.03.19 US  
 (43) 30.01.2020  
 (44) 17.09.2020  
 (72) OKORAFOR, Ekpe; RAY, Atish; PAUL, Nayanjyoti; GUPTA, Naveen; GUPTA, Sudhanshu; KUMAR, Vineet; DAS, Jayanta; SHRIVASTAVA, Amit Chandra  
 (74) Murray Trento & Associates Pty Ltd

---

(71) Accenture Global Solutions Limited  
 (11) AU-B-2019210601  
 (21) 2019210601 (22) 01.08.2019  
 (54) AUTOMATIC GENERATION OF MICROSERVICES BASED ON TECHNICAL DESCRIPTION OF LEGACY CODE  
 (51) Int. Cl.  
**G06F 9/00** ( 2006.01 )  
 (43) 22.08.2019  
 (44) 17.09.2020  
 (62) 2018204133  
 (72) CHANDRAMOULI, M.; HONNAPPA, Vidyasagar; SAWANT, Nitin Madhukar; BIJANI, Pramod; SUBRAMANIAM, Ravichandran; BHARAT, Satya  
 (74) Murray Trento & Associates Pty Ltd

---

(71) AcelRx Pharmaceuticals, Inc.  
 (11) AU-B-2015369710  
 (21) 2015369710 (22) 22.12.2015  
 (54) Systems, devices and methods for dispensing oral transmucosal dosage forms  
 (51) Int. Cl.  
**A61J 1/03** ( 2006.01 )  
**A61J 3/10** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (87) WO2016/106329  
 (31) 62/096,124 (32) 23.12.14 (33) US  
 (43) 30.06.2016  
 (44) 17.09.2020  
 (72) Chiu, Edmond; Domingo, Casidy  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Adama Makhteshim Ltd.  
 (11) AU-B-2018243002  
 (21) 2018243002 (22) 27.03.2018  
 (54) New catalytic system for scalable preparation of indoxacarb

(51) Int. Cl.  
**C07D 273/04** ( 2006.01 )  
 (87) WO2018/178982  
 (31) 201731011147 (32) 29.03.17 (33) IN  
 (43) 04.10.2018  
 (44) 17.09.2020  
 (72) Venkataramana, Rajuri; Bicidi, Jayapal Reddy; Pillai, Bijukumar Gopinathan; Mannam, Sreedevi  
 (74) Golja Haines & Friend

---

(71) Adobe Inc.  
 (11) AU-B-2016201273  
 (21) 2016201273 (22) 29.02.2016  
 (54) RECOMMENDING FORM FRAGMENTS  
 (51) Int. Cl.  
**G06F 9/44** ( 2006.01 )  
**G06F 3/048** ( 2006.01 )  
 (31) 14/697,395 (32) 27.04.15 (33) US  
 (43) 10.11.2016  
 (44) 17.09.2020  
 (72) Heda, Arvind; Singh, Harpreet  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Aerovironment, Inc.  
 (11) AU-B-2019200135  
 (21) 2019200135 (22) 10.01.2019  
 (54) Elevon control system  
 (51) Int. Cl.  
**B64C 3/38** ( 2006.01 )  
**B64C 9/34** ( 2006.01 )  
**B64C 13/18** ( 2006.01 )  
**B64C 13/28** ( 2006.01 )  
 (43) 31.01.2019  
 (44) 17.09.2020  
 (62) 2016262762  
 (72) Miralles, Carlos Thomas; Plumb, Nick; Tao, Tony Shuo; Olson, Nathan  
 (74) Shelston IP Pty Ltd.

---

(71) Agriculture Victoria Services Pty Ltd  
 (11) AU-B-2018201440  
 (21) 2018201440 (22) 28.02.2018  
 (54) Endophytes and related methods (3)  
 (51) Int. Cl.  
**A01H 15/00** ( 2006.01 )  
**A01H 17/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 1/14** ( 2006.01 )  
**C12Q 1/25** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
 (43) 22.03.2018  
 (44) 17.09.2020  
 (62) 2015261618  
 (72) Spangenberg, German Carlos; GU-THRIDGE, Kathryn Michaela; Forster, John White; Sawbridge, Timothy Ivor; Ludlow, Emma Jane Isobel; Kaur, Jatinder; Rochfort, Simone Jane; Rabinovich, Maia Andrea; Ekanayake, Piyumi  
 (74) Jones Tulloch

Applications Accepted - Name Index cont'd

(71) Air Products and Chemicals, Inc.  
 (11) AU-B-2018279048  
 (21) 2018279048 (22) 17.12.2018  
 (54) SEPARATION PROCESS AND APPARATUS FOR LIGHT NOBLE GAS  
 (51) Int. Cl.  
**B01D 53/02** ( 2006.01 )  
 (31) 15/850,646 (32) 21.12.17 (33) US  
 (43) 11.07.2019  
 (44) 17.09.2020  
 (72) Sanderson, Cory E.; Ploeger, Jason Michael; Cao, Jin; Henry, Donald E.; Weist Jr., Edward Landis; Hufton, Jeffrey Raymond; Novosot, Paul Anthony  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aker Solutions AS  
 (11) AU-B-2015372685  
 (21) 2015372685 (22) 29.12.2015  
 (54) Subsea fluid processing system  
 (51) Int. Cl.  
**E21B 43/40** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**E21B 43/36** ( 2006.01 )  
 (87) WO2016/108697  
 (31) 20141566 (32) 29.12.14 (33) NO  
 (43) 07.07.2016  
 (44) 17.09.2020  
 (72) Nokleby, Pal Helge; Olsen, Geir Inge; Forde, Thomas; Hilditch, Michael  
 (74) FB Rice Pty Ltd

(71) Alios Biopharma, Inc.  
 (11) AU-B-2016222729  
 (21) 2016222729 (22) 24.02.2016  
 (54) Antiviral compounds  
 (51) Int. Cl.  
**C07D 491/048** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61K 31/4355** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/4704** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/536** ( 2006.01 )  
**A61K 31/538** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07D 213/36** ( 2006.01 )  
**C07D 213/68** ( 2006.01 )  
**C07D 221/04** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 491/052** ( 2006.01 )  
**C07D 491/20** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
 (87) WO2016/138158  
 (31) 62/200,483 (32) 03.08.15 (33) US  
 62/120,671 25.02.15 US  
 (43) 01.09.2016

(44) 17.09.2020  
 (72) Wang, Guangyi; Beigelman, Leonid; Truong, Anh; Stein, Karin Ann  
 (74) Shelston IP Pty Ltd.

---

Allen, M. see Endace Technology Limited  
 (21) 2016257995

(71) Allergan, Inc.  
 (11) AU-B-2018247260  
 (21) 2018247260 (22) 11.10.2018  
 (54) Biodegradable drug delivery systems for the sustained release of proteins  
 (51) Int. Cl.  
**A61K 36/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
**A61K 47/34** ( 2006.01 )  
 (43) 01.11.2018  
 (44) 17.09.2020  
 (62) 2013323553  
 (72) Wu, Cindy W.; Robinson, Michael R.; Burke, James A.; Hughes, Patrick M.  
 (74) Davies Collison Cave Pty Ltd

(71) Alternative Gene Expression, S.L.  
 (11) AU-B-2016321914  
 (21) 2016321914 (22) 19.09.2016  
 (54) Expression of recombinant proteins in trichoplusia ni pupae  
 (51) Int. Cl.  
**C12N 15/866** ( 2006.01 )  
**A01K 67/033** ( 2006.01 )  
**A61M 5/20** ( 2006.01 )  
**B01L 99/00** ( 2010.01 )  
**C12N 15/85** ( 2006.01 )  
 (87) WO2017/046415  
 (31) 15382451.1 (32) 17.09.15 (33) EP  
 (43) 23.03.2017  
 (44) 17.09.2020  
 (72) Martínez Escribano, José Ángel; Alvarado Fradua, Carmen; Reytor Saavedra, Edel; Cid Fernandez, Miguel  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-B-2018203972  
 (21) 2018203972 (22) 05.06.2018  
 (54) Mammalian cell culture  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12P 21/00** ( 2006.01 )  
 (43) 21.06.2018  
 (44) 17.09.2020  
 (62) 2016244255  
 (72) Follstad, Brian D.; McCoy, Rebecca E.; Morris, Arvia E.  
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Development, LLC  
 (11) AU-B-2018222939  
 (21) 2018222939 (22) 29.08.2018  
 (54) Laser capsulovitreotomy  
 (51) Int. Cl.

**A61F 9/008** ( 2006.01 )  
 (43) 20.09.2018  
 (44) 17.09.2020  
 (62) 2014228568  
 (72) Schuele, Georg; Stevens, Julian; Andersen, Dan E.  
 (74) FPA Patent Attorneys Pty Ltd

(71) AMSL Innovations Pty Ltd  
 (11) AU-B-2018337069  
 (21) 2018337069 (22) 06.09.2018  
 (54) Wing tilt actuation system for electric vertical take-off and landing (VTOL) aircraft  
 (51) Int. Cl.  
**B64C 29/00** ( 2006.01 )  
**B64C 9/16** ( 2006.01 )  
**B64C 27/52** ( 2006.01 )  
 (87) WO2019/056053  
 (31) 2017904036 (32) 06.10.17 (33) AU  
 2018901154 06.04.18 AU  
 2017903864 22.09.17 AU  
 (43) 28.03.2019  
 (44) 17.09.2020  
 (72) MOORE, Andrew Dudley  
 (74) Cotters Patent & Trade Mark Attorneys

(71) AMSL Innovations Pty Ltd  
 (11) AU-B-2018337666  
 (21) 2018337666 (22) 06.09.2018  
 (54) Wing tilt actuation system for electric vertical take-off and landing (VTOL) aircraft  
 (51) Int. Cl.  
**B64C 29/00** ( 2006.01 )  
**B64C 9/16** ( 2006.01 )  
**B64C 27/52** ( 2006.01 )  
 (87) WO2019/056052  
 (31) 2018901154 (32) 06.04.18 (33) AU  
 2017904036 06.10.17 AU  
 2017903864 22.09.17 AU  
 (43) 28.03.2019  
 (44) 17.09.2020  
 (72) MOORE, Andrew Dudley  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Angel Playing Cards Co., Ltd.  
 (11) AU-B-2018236860  
 (21) 2018236860 (22) 28.09.2018  
 (54) TABLE GAME SYSTEM  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
 (43) 18.10.2018  
 (44) 17.09.2020  
 (62) 2016277757  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apdn (B.V.I.) Inc.  
 (11) AU-B-2015364748  
 (21) 2015364748 (22) 16.12.2015  
 (54) Method and device for marking fibrous materials  
 (51) Int. Cl.  
**B23P 17/06** ( 2006.01 )  
 (87) WO2016/100503  
 (31) 14/572,552 (32) 16.12.14 (33) US  
 (43) 23.06.2016

Applications Accepted - Name Index cont'd

(44) 17.09.2020  
 (72) Tran, Alex Phidung; Berrada, Abdelkrim; Liang, Minghua Benjamin; Jung, Lawrence  
 (74) Spruson & Ferguson

(71) Applied Medical Resources Corporation  
 (11) AU-B-2019200634  
 (21) 2019200634 (22) 31.01.2019  
 (54) Trocar cannula assembly with low profile insertion configuration and method of manufacture  
 (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/02** ( 2006.01 )  
**A61B 17/94** ( 2006.01 )  
 (43) 21.02.2019  
 (44) 17.09.2020  
 (62) 2014233743  
 (72) PRAVONG, Boun; PRAVONGVI-ENGKHAM, Kennii; BOLANOS, Eduardo; VELASCO, Joel B  
 (74) Griffith Hack

(71) Applied Quantum Energies, LLC  
 (11) AU-B-2016339825  
 (21) 2016339825 (22) 10.10.2016  
 (54) Methods and apparatuses for treating agricultural matter  
 (51) Int. Cl.  
**A01C 1/04** ( 2006.01 )  
**A01C 1/00** ( 2006.01 )  
**A01D 57/06** ( 2006.01 )  
 (87) WO2017/066129  
 (31) 62/240,317 (32) 12.10.15 (33) US  
 (43) 20.04.2017  
 (44) 17.09.2020  
 (72) Wolfe, Benjamin; Paskalov, George; Jarvis, Rick; Puchacz, Jerzy P.  
 (74) Phillips Ormonde Fitzpatrick

(71) Arcadia Biosciences, Inc.; SLADE, A.; LOEFFLER, D.; HOLM, A.; MULLENBERG, J.  
 (11) AU-B-2018211346  
 (21) 2018211346 (22) 03.08.2018  
 (54) Wheat with increased resistant starch levels  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
 (43) 23.08.2018  
 (44) 17.09.2020  
 (62) 2012318814  
 (72) SLADE, Ann J.; LOEFFLER, Dayna L.; HOLM, Aaron M.; MULLENBERG, Jessica C.  
 (74) Griffith Hack

(71) ArcelorMittal  
 (11) AU-B-2017383466  
 (21) 2017383466 (22) 20.12.2017  
 (54) A method for manufacturing a thermally treated steel sheet  
 (51) Int. Cl.  
**C21D 9/573** ( 2006.01 )  
**C21D 11/00** ( 2006.01 )  
 (87) WO2018/116195

(31) PCT/ (32) 20.12.16 (33) IB  
 IB2016/001787  
 (43) 28.06.2018  
 (44) 17.09.2020  
 (72) Bonnet, Frédéric; Doh, Yannick  
 (74) Phillips Ormonde Fitzpatrick

(71) Arkema France  
 (11) AU-B-2016299374  
 (21) 2016299374 (22) 27.07.2016  
 (54) Fluorinated polymer composition  
 (51) Int. Cl.  
**B32B 1/08** ( 2006.01 )  
**C08L 27/16** ( 2006.01 )  
**F16L 11/08** ( 2006.01 )  
**F16L 58/10** ( 2006.01 )  
**H01B 3/44** ( 2006.01 )  
 (87) WO2017/017373  
 (31) 1557155 (32) 27.07.15 (33) FR  
 (43) 02.02.2017  
 (44) 17.09.2020  
 (72) Bonnet, Anthony; Mathieu, Cyrille; Reyna-Valencia, Alejandra; Ramfel (Epoque Wiegert), Barbara; Degoulet, Christophe  
 (74) Griffith Hack

(71) Array BioPharma Inc.  
 (11) AU-B-2019275599  
 (21) 2019275599 (22) 04.12.2019  
 (54) Substituted pyrazolo[1,5-a]pyrimidine compounds as TRK kinase inhibitors  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
 (43) 02.01.2020  
 (44) 17.09.2020  
 (62) 2017268517  
 (72) HAAS, Julia; ANDREWS, Steven W.; JI-ANG, Yutong; ZHANG, Gan  
 (74) Spruson & Ferguson

(71) Array Technologies, Inc.  
 (11) AU-B-2018226784  
 (21) 2018226784 (22) 01.03.2018  
 (54) Spring counter-balance assemblies and solar trackers incorporating spring counter-balance assemblies  
 (51) Int. Cl.  
**G01S 3/78** ( 2006.01 )  
**H01L 31/05** ( 2014.01 )  
**H02S 20/30** ( 2014.01 )  
 (87) WO2018/160796  
 (31) 62/466,235 (32) 02.03.17 (33) US  
 (43) 07.09.2018  
 (44) 17.09.2020  
 (72) Corio, Ronald P.  
 (74) Phoenix Intellectual Property

(71) AstraZeneca AB  
 (11) AU-B-2017384388  
 (21) 2017384388 (22) 19.12.2017  
 (54) Amino-triazolopyridine compounds and their use in treating cancer  
 (51) Int. Cl.  
**C07D 473/18** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )

**C07D 519/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2018/114999  
 (31) 62/436619 (32) 20.12.16 (33) US  
 (43) 28.06.2018  
 (44) 17.09.2020  
 (72) Finlay, Maurice Raymond Verschoyle; Goldberg, Frederick Woolf; Ting, Atilla Kuan Tsuei  
 (74) Phillips Ormonde Fitzpatrick

(71) Atillaps Holdings  
 (11) AU-B-2015277038  
 (21) 2015277038 (22) 18.06.2015  
 (54) Acetylcholinesterase inhibitors for treatment of dermatological conditions  
 (51) Int. Cl.  
**A61K 31/662** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
 (87) WO2015/195928  
 (31) 62/014,520 (32) 19.06.14 (33) US  
 (43) 23.12.2015  
 (44) 17.09.2020  
 (72) Spallitta, Frank Anthony  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) AVELON ESPRESSO SYSTEMS LTD  
 (11) AU-B-2017279774  
 (21) 2017279774 (22) 22.12.2017  
 (54) Coffee-Making Machine With Semi-External High Voltage Halogen or Infrared Heating Element  
 (51) Int. Cl.  
**F24H 1/20** ( 2006.01 )  
 (43) 25.01.2018  
 (44) 17.09.2020  
 (62) 2012226423  
 (72) Gonen, Guy  
 (74) LAMINAR IP PTY LTD

(71) Avent, Inc.  
 (11) AU-B-2015405802  
 (21) 2015405802 (22) 27.08.2015  
 (54) Variable fluid flow rate control device  
 (51) Int. Cl.  
**A61M 5/168** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
 (87) WO2017/030594  
 (43) 23.02.2017  
 (44) 17.09.2020  
 (72) Schaffer, Andrew; Mendillo, Mark D.  
 (74) Spruson & Ferguson

(71) BAE Systems Plc  
 (11) AU-B-2016245364  
 (21) 2016245364 (22) 04.04.2016  
 (54) Method and apparatus for simulating electromagnetic radiation path modifying devices  
 (51) Int. Cl.  
**G02F 1/29** ( 2006.01 )  
**G02F 1/01** ( 2006.01 )  
 (87) WO2016/162668  
 (31) 15275113.7 (32) 10.04.15 (33) EP  
 1506079.1 10.04.15 GB  
 (43) 13.10.2016

Applications Accepted - Name Index cont'd

(44) 17.09.2020  
 (72) Jones, Christopher Charles Rawlinson; Colosimo, Nicholas Giacomo Robert  
 (74) Shelston IP Pty Ltd.

(71) Baikang (Suzhou) Co., Ltd; Han, J.  
 (11) AU-B-2014359894  
 (21) 2014359894 (22) 05.12.2014  
 (54) Bioreversible promoieties for nitrogen-containing and hydroxyl-containing drugs  
 (51) Int. Cl.  
*C07K 14/575* ( 2006.01 )  
*A61K 31/04* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
 (87) WO2015/081891  
 (31) 61/913,166 (32) 06.12.13 (33) US  
 (43) 11.06.2015  
 (44) 17.09.2020  
 (72) Han, Jie  
 (74) Phillips Ormonde Fitzpatrick

(71) BajaBoard International Pty Ltd  
 (11) AU-B-2014311254  
 (21) 2014311254 (22) 27.08.2014  
 (54) Apparatus for board sports  
 (51) Int. Cl.  
*A63C 17/12* ( 2006.01 )  
*A63C 17/00* ( 2006.01 )  
 (87) WO2015/027272  
 (31) 2013903244 (32) 27.08.13 (33) AU  
 (43) 05.03.2015  
 (44) 17.09.2020  
 (72) Murphy, James Michael  
 (74) Mills Oakley

(71) Baker Hughes Holdings, LLC  
 (11) AU-B-2017363191  
 (21) 2017363191 (22) 17.11.2017  
 (54) High pressure interventionless borehole tool setting force  
 (51) Int. Cl.  
*E21B 23/04* ( 2006.01 )  
*E21B 23/06* ( 2006.01 )  
 (87) WO2018/094217  
 (31) 15/355,613 (32) 18.11.16 (33) US  
 (43) 24.05.2018  
 (44) 17.09.2020  
 (72) Bane, Darren E.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Baker Hughes Holdings, LLC  
 (11) AU-B-2018255209  
 (21) 2018255209 (22) 13.04.2018  
 (54) Dual-walled coiled tubing with downhole flow actuated pump  
 (51) Int. Cl.  
*E21B 43/12* ( 2006.01 )  
*E21B 17/20* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
 (87) WO2018/194927  
 (31) 15/488,923 (32) 17.04.17 (33) US  
 (43) 25.10.2018  
 (44) 17.09.2020  
 (72) Livescu, Silviu; Ramsey, Timothy T.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Bangladesh Jute Research Institute  
 (11) AU-B-2014352841  
 (21) 2014352841 (22) 21.11.2014  
 (54) Nucleotide sequence encoding homeobox-leucine zipper protein HAT22 (HD-ZIP protein 22) from *Corchorus olitorius* and *Corchorus capsularis* and methods of use  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/29* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2015/077538  
 (31) 61/908,444 (32) 25.11.13 (33) US  
 (43) 28.05.2015  
 (44) 17.09.2020  
 (72) Alam, Maqsoodul; Islam, Mohammed Shahidul; Ahmed, Borhan; Haque, Mohammed Samiul; Alam, Mohammed Monjurul  
 (74) Shelston IP Pty Ltd.

(71) BASF Agro B.V.  
 (11) AU-B-2016294365  
 (21) 2016294365 (22) 30.06.2016  
 (54) Herbicidal composition comprising cinmethylin and metazachlor  
 (51) Int. Cl.  
*A01N 43/90* ( 2006.01 )  
*A01N 43/56* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
 (87) WO2017/009054  
 (31) 62/190,781 (32) 10.07.15 (33) US  
 15191636.8 27.10.15 EP  
 (43) 19.01.2017  
 (44) 17.09.2020  
 (72) Kraus, Helmut; Sievernich, Bernd; Etcheverry, Mariano; Evans, Richard R; Nielson, Ryan Louis; Zagar, Cyrill; Liebl, Rex A  
 (74) Griffith Hack

(71) BASF Agro B.V.  
 (11) AU-B-2016294453  
 (21) 2016294453 (22) 06.07.2016  
 (54) Herbicidal composition comprising cinmethylin and specific inhibitors of protoporphyrinogen oxidase  
 (51) Int. Cl.  
*A01N 43/90* ( 2006.01 )  
*A01N 43/653* ( 2006.01 )  
*A01N 43/84* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
 (87) WO2017/009145  
 (31) 15191724.2 (32) 27.10.15 (33) EP  
 62/190,777 10.07.15 US  
 (43) 19.01.2017  
 (44) 17.09.2020  
 (72) Kraus, Helmut; Sievernich, Bernd; Etcheverry, Mariano; Evans, Richard R; Nielson, Ryan Louis; Zagar, Cyrill; Liebl, Rex A.  
 (74) Griffith Hack

(71) Beijing 7invensun Technology Co., Ltd.  
 (11) AU-B-2017287619  
 (21) 2017287619 (22) 30.06.2017

(54) Method and apparatus for identity recognition  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
 (87) WO2018/001371  
 (31) 201610509755.3 (32) 30.06.16 (33) CN  
 (43) 04.01.2018  
 (44) 17.09.2020  
 (72) Huang, Tongbing; Qin, Linchan  
 (74) Shelston IP Pty Ltd.

(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
 (11) AU-B-2019216612  
 (21) 2019216612 (22) 03.01.2019  
 (54) Rotor, assembly method and replacement method for integrated magnetic pole modules of rotor, and generator  
 (51) Int. Cl.  
*H02K 21/12* ( 2006.01 )  
 (31) 201810723393.7 (32) 04.07.18 (33) CN  
 (43) 23.01.2020  
 (44) 17.09.2020  
 (72) Yang, Jingchao; Li, Yanhui  
 (74) Madderns Pty Ltd

(71) Bellus Medical, LLC  
 (11) AU-B-2016250163  
 (21) 2016250163 (22) 13.04.2016  
 (54) Collagen stimulation device and methods  
 (51) Int. Cl.  
*A61H 23/00* ( 2006.01 )  
 (87) WO2016/168374  
 (31) 62/146,939 (32) 13.04.15 (33) US  
 (43) 20.10.2016  
 (44) 17.09.2020  
 (72) Proctor, Joseph; Ur Rahman, Tanzeel; Hegler, Ronald J.; Lapeus, David J.; Mullner, James  
 (74) Pipers Intellectual Property

(71) Biodynamic Research Foundation  
 (11) AU-B-2017259576  
 (21) 2017259576 (22) 02.05.2017  
 (54) Polymerized drug-containing pharmaceutical composition  
 (51) Int. Cl.  
*A61K 31/351* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 9/14* ( 2006.01 )  
*A61K 31/555* ( 2006.01 )  
*A61K 47/10* ( 2006.01 )  
*A61K 47/12* ( 2006.01 )  
*A61K 47/18* ( 2006.01 )  
*A61K 47/24* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61K 47/36* ( 2006.01 )  
*A61K 47/42* ( 2006.01 )  
*A61K 47/50* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2017/191843  
 (31) 2016-093407 (32) 06.05.16 (33) JP  
 (43) 09.11.2017  
 (44) 17.09.2020  
 (72) Maeda, Hiroshi; Fang, Jun  
 (74) Davies Collison Cave Pty Ltd

Applications Accepted - Name Index cont'd

- (71) Biogen MA Inc.  
 (11) AU-B-2019201997  
 (21) 2019201997 (22) 22.03.2019  
 (54) Biaryl compounds useful for the treatment of human diseases in oncology, neurology and immunology  
 (51) Int. Cl.  
*C07D 403/12* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
*A61K 31/505* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 25/02* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 417/12* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
*C07D 513/04* ( 2006.01 )  
 (43) 18.04.2019  
 (44) 17.09.2020  
 (62) 2014362231  
 (72) Hopkins, Brian T.; Ma, Bin; Chan, Timothy Raymond; Sun, Lihong; Zhang, Lei; Kumaravel, Gnanasambandam; Lyssikatos, Joseph P.; Koch, Kevin; Miao, Hua  
 (74) Spruson & Ferguson
- 
- (71) BLUESCOPE STEEL LIMITED  
 (11) AU-B-2019202105  
 (21) 2019202105 (22) 27.03.2019  
 (54) METHOD OF PRODUCING CLADDING SHEETS  
 (51) Int. Cl.  
*B21D 21/00* ( 2006.01 )  
*B21D 5/06* ( 2006.01 )  
*B21D 13/04* ( 2006.01 )  
*B21D 17/04* ( 2006.01 )  
*B26D 7/08* ( 2006.01 )  
*E04D 3/30* ( 2006.01 )  
 (43) 18.04.2019  
 (44) 17.09.2020  
 (62) 2017201547  
 (72) CLAYTON, Trevor; STARK, Graeme  
 (74) WRAYS PTY LTD
- 
- (71) Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada Reno  
 (11) AU-B-2016232761  
 (21) 2016232761 (22) 18.03.2016  
 (54) Aryl compounds and polymers and methods of making and using the same  
 (51) Int. Cl.  
*C07D 333/18* ( 2006.01 )  
*C07C 43/205* ( 2006.01 )  
*C07C 43/235* ( 2006.01 )  
 (87) WO2016/149633  
 (31) 62/135,692 (32) 19.03.15 (33) US  
 62/182,351 19.06.15 US  
 (43) 22.09.2016  
 (44) 17.09.2020  
 (72) Chalifoux, Wesley A.; Sproul, Kyle C.; Yang, Wenlong  
 (74) Phillips Ormonde Fitzpatrick

- (71) Boston Dynamics, Inc.  
 (11) AU-B-2017315305  
 (21) 2017315305 (22) 11.07.2017  
 (54) Autonomous shuffling of pallets of items in a warehouse  
 (51) Int. Cl.  
*G06Q 10/04* ( 2012.01 )  
*G06Q 10/08* ( 2012.01 )  
 (87) WO2018/038815  
 (31) 15/244,525 (32) 23.08.16 (33) US  
 (43) 01.03.2018  
 (44) 17.09.2020  
 (72) Hance, Christopher; Shaffer, Daniel  
 (74) Spruson & Ferguson
- 
- (71) C. Rafin & Co Pty Ltd  
 (11) AU-B-2016282214  
 (21) 2016282214 (22) 27.06.2016  
 (54) An improved method and apparatus for facilitating the management of health and security  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*G08B 21/02* ( 2006.01 )  
*G08B 25/08* ( 2006.01 )  
*H04M 1/72* ( 2006.01 )  
*H04M 11/00* ( 2006.01 )  
 (87) WO2016/205899  
 (31) 2015902491 (32) 26.06.15 (33) AU  
 (43) 29.12.2016  
 (44) 17.09.2020  
 (72) Rafin, Claudio Giuseppe; Rafin, Joshua; Celima, Massimo Feliciano; Stawski, Victor Belina  
 (74) Griffith Hack
- 
- (71) C 3 Limited  
 (11) AU-B-2015302917  
 (21) 2015302917 (22) 13.08.2015  
 (54) Log scanning system  
 (51) Int. Cl.  
*G06F 17/00* ( 2006.01 )  
 (87) WO2016/024242  
 (31) 628730 (32) 13.08.14 (33) NZ  
 (43) 18.02.2016  
 (44) 17.09.2020  
 (72) Alwesh, Nawar Sami; Murphy, Glen Edward; Penman, David William; Schoonees, Johann August; Valkenburg, Robert Jan  
 (74) AJ PARK
- 
- (71) Calithera BioSciences, Inc.  
 (11) AU-B-2016343656  
 (21) 2016343656 (22) 28.10.2016  
 (54) Compositions and methods for inhibiting arginase activity  
 (51) Int. Cl.  
*C07F 5/02* ( 2006.01 )  
*A61K 31/69* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 207/16* ( 2006.01 )  
*C07F 5/04* ( 2006.01 )  
 (87) WO2017/075363  
 (31) 62/323,034 (32) 15.04.16 (33) US  
 62/248,632 30.10.15 US  
 62/281,964 22.01.16 US  
 (43) 04.05.2017

- (44) 17.09.2020  
 (72) Sjogren, Eric B.; Li, Jim; Van Zandt, Michael; Whitehouse, Darren  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Capbran Holdings, LLC  
 (11) AU-B-2017322500  
 (21) 2017322500 (22) 08.09.2017  
 (54) Weighing device for comestible processors  
 (51) Int. Cl.  
*A23L 5/00* ( 2016.01 )  
*A23L 35/00* ( 2016.01 )  
*A47J 43/04* ( 2006.01 )  
*A47J 44/00* ( 2006.01 )  
*G01G 19/40* ( 2006.01 )  
*G01G 19/52* ( 2006.01 )  
*G01G 21/00* ( 2006.01 )  
*G01G 21/28* ( 2006.01 )  
*H04L 12/28* ( 2006.01 )  
 (87) WO2018/049262  
 (31) 15/698,530 (32) 07.09.17 (33) US  
 62/468,575 08.03.17 US  
 62/385,703 09.09.16 US  
 (43) 15.03.2018  
 (44) 17.09.2020  
 (72) Finnance, Robert; Sands, Lenny  
 (74) Baldwins Intellectual Property
- 
- (71) Carnot Compression LLC  
 (11) AU-B-2018218207  
 (21) 2018218207 (22) 19.01.2018  
 (54) An energy recovery-recycling turbine integrated with a capillary tube gas compressor  
 (51) Int. Cl.  
*F04D 17/18* ( 2006.01 )  
*B01D 19/00* ( 2006.01 )  
*F04D 29/22* ( 2006.01 )  
*F04D 29/28* ( 2006.01 )  
*F04D 31/00* ( 2006.01 )  
*F04F 5/04* ( 2006.01 )  
 (87) WO2018/147993  
 (31) 15/429,710 (32) 10.02.17 (33) US  
 (43) 16.08.2018  
 (44) 17.09.2020  
 (72) Cherry, Mark A.; Alderman, Robert A.; Shillinger, D. Hans  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Cascade Designs, Inc.  
 (11) AU-B-2015353600  
 (21) 2015353600 (22) 24.11.2015  
 (54) Portable liquid-filtration device  
 (51) Int. Cl.  
*B01D 61/14* ( 2006.01 )  
*B01D 61/18* ( 2006.01 )  
*C02F 1/44* ( 2006.01 )  
 (87) WO2016/086048  
 (31) 62/083,877 (32) 24.11.14 (33) US  
 (43) 02.06.2016  
 (44) 17.09.2020  
 (72) ORIARD, Timothy Lewis; SMITH, Paul Kevin; SCHWENNSEN, Steven Robert  
 (74) Spruson & Ferguson
- 
- (71) Caterpillar Global Mining Europe GmbH  
 (11) AU-B-2015295871

Applications Accepted - Name Index cont'd

(21) 2015295871 (22) 20.07.2015  
 (54) Scraping elements for drive units of underground mining applications  
 (51) Int. Cl.  
*B65G 23/06* ( 2006.01 )  
*B65G 39/09* ( 2006.01 )  
*B65G 45/00* ( 2006.01 )  
*E21C 29/10* ( 2006.01 )  
*E21F 13/06* ( 2006.01 )  
*F16C 33/58* ( 2006.01 )  
*F16H 55/30* ( 2006.01 )  
 (87) WO2016/015838  
 (31) 14179411.5 (32) 31.07.14 (33) EP  
 (43) 04.02.2016  
 (44) 17.09.2020  
 (72) Voigt, Robert; Schurer, Karl-Heinz; Weber, William R.  
 (74) FPA Patent Attorneys Pty Ltd

Cedars-Sinai Medical Center see Emulate, Inc.  
 (21) 2017214468

(71) China University of Mining and Technology  
 (11) AU-B-2017404561  
 (21) 2017404561 (22) 04.12.2017  
 (54) Method for precisely extracting coal-mine gas  
 (51) Int. Cl.  
*E21B 47/00* ( 2012.01 )  
 (87) WO2018/201714  
 (31) 201710301504.0 (32) 02.05.17 (33) CN  
 (43) 22.11.2018  
 (44) 17.09.2020  
 (72) Zhu, Chuanjie; Lin, Baiquan; Gao, Zishan; Lu, Ximiao  
 (74) Madderns Pty Ltd

(71) CIVCO Medical Instruments, Co., Inc.  
 (11) AU-B-2018256833  
 (21) 2018256833 (22) 26.04.2018  
 (54) Sterile covers for ultrasound transducer  
 (51) Int. Cl.  
*A61B 8/00* ( 2006.01 )  
*G10K 11/02* ( 2006.01 )  
 (87) WO2018/200809  
 (31) 62/490,993 (32) 27.04.17 (33) US  
 (43) 01.11.2018  
 (44) 17.09.2020  
 (72) Nordgren, Gregory; Wagner, Geoffrey Scott  
 (74) Spruson & Ferguson

(71) Climbtech, LLC  
 (11) AU-B-2016207015  
 (21) 2016207015 (22) 06.01.2016  
 (54) Fall arrest harness  
 (51) Int. Cl.  
*A62B 35/00* ( 2006.01 )  
 (87) WO2016/114962  
 (31) 62/104,016 (32) 15.01.15 (33) US  
 14/986,285 31.12.15 US  
 (43) 21.07.2016  
 (44) 17.09.2020  
 (72) Boothby, Stephen; Flachman, Joseph  
 (74) WRAYS PTY LTD

(71) CocoNutZ Pte. Ltd.  
 (11) AU-B-2017293325  
 (21) 2017293325 (22) 05.07.2017  
 (54) Method of making a flavoured sweetener and uses thereof  
 (51) Int. Cl.  
*A23L 27/30* ( 2016.01 )  
*A23L 27/24* ( 2016.01 )  
*C12R 1/00* ( 2006.01 )  
*C12R 1/125* ( 2006.01 )  
*C12R 1/645* ( 2006.01 )  
 (87) WO2018/009149  
 (31) 10201605526W (32) 05.07.16 (33) SG  
 (43) 11.01.2018  
 (44) 17.09.2020  
 (72) Cheetham, Peter Samuel James; Langwallner, Christoph; Langwallner, Margit; Hermansen, Christian; Shiang, Candy Chuing Tey; Tan, Wen Jue Amelia  
 (74) Phillips Ormonde Fitzpatrick

Coddington, A. see Endace Technology Limited  
 (21) 2016257995

(71) Coe, W.  
 (11) AU-B-2018400200  
 (21) 2018400200 (22) 23.10.2018  
 (54) Inter-penetrating elastomer network derived from ground tire rubber particles  
 (51) Int. Cl.  
*C08L 21/00* ( 2006.01 )  
*C08J 5/18* ( 2006.01 )  
*C08K 5/098* ( 2006.01 )  
*C08L 7/00* ( 2006.01 )  
*C08L 9/00* ( 2006.01 )  
*C08L 9/06* ( 2006.01 )  
*C08L 95/00* ( 2006.01 )  
 (87) WO2019/135815  
 (31) PCT/US2018/028656 (32) 20.04.18 (33) US  
 PCT/ 02.08.18 US  
 US2018/045061  
 62/613,744 04.01.18 US  
 62/621,465 24.01.18 US  
 16/053,708 02.08.18 US  
 62/703,366 25.07.18 US  
 (43) 11.07.2019  
 (44) 17.09.2020  
 (72) COE, William B.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Colgate-Palmolive Company  
 (11) AU-B-2017357848  
 (21) 2017357848 (22) 13.11.2017  
 (54) Oral care system and method  
 (51) Int. Cl.  
*A46B 9/04* ( 2006.01 )  
*A46B 15/00* ( 2006.01 )  
*A61C 17/22* ( 2006.01 )  
 (87) WO2018/089899  
 (31) 15/350,298 (32) 14.11.16 (33) US  
 (43) 17.05.2018  
 (44) 17.09.2020  
 (72) Gatzemeyer, John Jacob  
 (74) Shelston IP Pty Ltd.

(71) Combilift  
 (11) AU-B-2018211281  
 (21) 2018211281 (22) 02.08.2018  
 (54) A motorised truck with tiller  
 (51) Int. Cl.  
*B66F 9/075* ( 2006.01 )  
 (43) 23.08.2018  
 (44) 17.09.2020  
 (62) 2012389283  
 (72) McVICAR, Martin; MOFFETT, Robert; WHYTE, Mark  
 (74) FB Rice Pty Ltd

(71) Composecure LLC  
 (11) AU-B-2015343255  
 (21) 2015343255 (22) 03.11.2015  
 (54) Ceramic-containing and ceramic composite transaction cards  
 (51) Int. Cl.  
*G06K 19/02* ( 2006.01 )  
*B42D 25/45* ( 2014.01 )  
 (87) WO2016/073473  
 (31) 14/718,596 (32) 21.05.15 (33) US  
 62/074,305 03.11.14 US  
 (43) 12.05.2016  
 (44) 17.09.2020  
 (72) Herslow, John; Lowe, Adam  
 (74) Houlihan<sup>2</sup> Pty Ltd

ContraFect Corporation see Trellis Bioscience, LLC  
 (21) 2015214146

(71) Cook Medical Technologies LLC  
 (11) AU-B-2018288595  
 (21) 2018288595 (22) 11.06.2018  
 (54) Introducer for uterine tamponade assembly and methods of using the same  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 17/12* ( 2006.01 )  
*A61B 17/42* ( 2006.01 )  
*A61M 25/01* ( 2006.01 )  
 (87) WO2018/236610  
 (31) 62/521,773 (32) 19.06.17 (33) US  
 (43) 27.12.2018  
 (44) 17.09.2020  
 (72) Melsheimer, Jeffrey S.  
 (74) Madderns Pty Ltd

(71) Coulter Ventures LLC  
 (11) AU-B-2018421450  
 (21) 2018421450 (22) 17.12.2018  
 (54) Exercise bike  
 (51) Int. Cl.  
*A63B 21/008* ( 2006.01 )  
*A63B 21/00* ( 2006.01 )  
*A63B 22/00* ( 2006.01 )  
*A63B 22/06* ( 2006.01 )  
 (87) WO2019/209383  
 (31) 16/045,475 (32) 25.07.18 (33) US  
 62/663,090 26.04.18 US  
 (43) 31.10.2019  
 (44) 17.09.2020  
 (72) JONES, Dylan; DUBBERLEY, Matt; BURGESS, Patrick  
 (74) Griffith Hack



Applications Accepted - Name Index cont'd

---

(71) Covestro Deutschland AG  
 (11) AU-B-2015202956  
 (21) 2015202956 (22) 26.03.2015  
 (54) Polyurethane urea solutions for cosmetic compositions  
 (51) Int. Cl.  
     **A61K 8/87** ( 2006.01 )  
     **A61K 8/34** ( 2006.01 )  
     **A61Q 17/04** ( 2006.01 )  
 (87) WO2015/075281  
 (31) 14179782.9 (32) 05.08.14 (33) EP  
 (43) 28.05.2015  
 (44) 17.09.2020  
 (72) Dorr, Sebastian; Viala, Sophie; Rodrigues, Paula Cristina Alves  
 (74) Davies Collison Cave Pty Ltd

---

(71) CPD Powerline Ltd  
 (11) AU-B-2015218455  
 (21) 2015218455 (22) 26.08.2015  
 (54) POLE-ERECTION APPARATUS AND METHOD  
 (51) Int. Cl.  
     **E04H 12/34** ( 2006.01 )  
 (31) 1415288.8 (32) 29.08.14 (33) GB  
 (43) 17.03.2016  
 (44) 17.09.2020  
 (72) Campbell, Colm  
 (74) Madderns Pty Ltd

---

(71) Critical Care Diagnostics, Inc.  
 (11) AU-B-2019200747  
 (21) 2019200747 (22) 05.02.2019  
 (54) Soluble human ST-2 antibodies and assays  
 (51) Int. Cl.  
     **C07K 16/18** ( 2006.01 )  
     **C07K 16/46** ( 2006.01 )  
     **C12N 5/12** ( 2006.01 )  
     **G01N 33/15** ( 2006.01 )  
     **G01N 33/53** ( 2006.01 )  
 (43) 21.02.2019  
 (44) 17.09.2020  
 (62) 2016269576  
 (72) SNIDER, James V.  
 (74) Davies Collison Cave Pty Ltd

---

(71) CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.  
 (11) AU-B-2015283343  
 (21) 2015283343 (22) 03.07.2015  
 (54) Purified therapeutic nanoparticles and preparation methods thereof  
 (51) Int. Cl.  
     **A61K 9/14** ( 2006.01 )  
     **A61K 9/19** ( 2006.01 )  
     **A61K 45/00** ( 2006.01 )  
     **A61K 47/42** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2016/000653  
 (31) 201410314042.2 (32) 03.07.14 (33) CN  
     PCT/ 17.11.14 CN  
     CN2014/091277  
     14/790,646 02.07.15 US  
 (43) 07.01.2016

---

(44) 17.09.2020  
 (72) Li, Chunlei; Li, Yanhui; Liang, Min; Wang, Caixia; Wang, Yajuan; Wang, Shixia; Chen, Dongjian; Li, Yongfeng  
 (74) Griffith Hack

---

(71) CURADIGM SAS  
 (11) AU-B-2015352685  
 (21) 2015352685 (22) 24.11.2015  
 (54) Pharmaceutical composition, preparation and uses thereof  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 9/127** ( 2006.01 )  
     **A61K 41/00** ( 2006.01 )  
     **A61K 51/12** ( 2006.01 )  
 (87) WO2016/083333  
 (31) 14306875.7 (32) 25.11.14 (33) EP  
 (43) 02.06.2016  
 (44) 17.09.2020  
 (72) Germain, Matthieu; Meyre, Marie-Edith; Pottier, Agnes; Levy, Laurent  
 (74) Davies Collison Cave Pty Ltd

---

(71) Cuschieri, C.  
 (11) AU-B-2020203615  
 (21) 2020203615 (22) 11.02.2020  
 (54) A weight balancing gantry  
 (51) Int. Cl.  
     **B23K 37/02** ( 2006.01 )  
     **B23Q 1/25** ( 2006.01 )  
     **B25H 1/10** ( 2006.01 )  
 (31) 2019900436 (32) 11.02.19 (33) AU  
 (43) 27.08.2020  
 (44) 17.09.2020  
 (72) CUSCHIERI, Clem  
 (74) Patentec Patent Attorneys

---

(71) D & S Berry Pty Ltd  
 (11) AU-B-2019201319  
 (21) 2019201319 (22) 26.02.2019  
 (54) SOIL AERATOR  
 (51) Int. Cl.  
     **A01B 45/02** ( 2006.01 )  
 (43) 10.09.2020  
 (44) 17.09.2020  
 (72) Berry, David; Berry, Mathew; Berry, Simon  
 (74) Mann IP

---

(71) Daikin Industries, Ltd.  
 (11) AU-B-2017336032  
 (21) 2017336032 (22) 20.06.2017  
 (54) Inverter device  
 (51) Int. Cl.  
     **H02M 7/48** ( 2007.01 )  
     **H02M 7/06** ( 2006.01 )  
     **H02P 21/00** ( 2016.01 )  
     **H02P 27/04** ( 2016.01 )  
 (87) WO2018/061342  
 (31) 2016-192656 (32) 30.09.16 (33) JP  
 (43) 05.04.2018  
 (44) 17.09.2020  
 (72) Kitano, Nobuki; Inoue, Tatsuki  
 (74) Spruson & Ferguson

---

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-B-2014278296  
 (21) 2014278296 (22) 11.06.2014  
 (54) Non-invasive blood based monitoring of genomic alterations in cancer  
 (51) Int. Cl.  
     **C12Q 1/68** ( 2006.01 )  
 (87) WO2014/201092  
 (31) 61/889,148 (32) 10.10.13 (33) US  
     61/833,556 11.06.13 US  
 (43) 18.12.2014  
 (44) 17.09.2020  
 (72) Janne, Pasi A.; Paweletz, Cloud P.; Oxnard, Geoffrey; Kuang, Yanan  
 (74) Shelston IP Pty Ltd.

---

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-B-2015328273  
 (21) 2015328273 (22) 06.10.2015  
 (54) Humanized CC chemokine receptor 4 (CCR4) antibodies and methods of use thereof  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2016/057488  
 (31) 62/060,381 (32) 06.10.14 (33) US  
 (43) 14.04.2016  
 (44) 17.09.2020  
 (72) Marasco, Wayne A.; Chang, De-Kuan; Zhu, Quan  
 (74) Spruson & Ferguson

---

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-B-2016296877  
 (21) 2016296877 (22) 20.07.2016  
 (54) Novel pyrimidines as EGFR inhibitors and methods of treating disorders  
 (51) Int. Cl.  
     **C07D 403/12** ( 2006.01 )  
     **A61K 31/506** ( 2006.01 )  
     **C07D 401/14** ( 2006.01 )  
     **C07D 403/14** ( 2006.01 )  
     **C07D 409/14** ( 2006.01 )  
 (87) WO2017/015363  
 (31) 62/194,594 (32) 20.07.15 (33) US  
 (43) 26.01.2017  
 (44) 17.09.2020  
 (72) Gray, Nathanael S.; Jang, Jaebong; Janne, Pasi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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DequDent GmbH see Dentsply Sirona Inc.  
 (21) 2016267538

---

(71) Dentsply Sirona Inc.; DequDent GmbH  
 (11) AU-B-2016267538  
 (21) 2016267538 (22) 20.05.2016  
 (54) Method to increase the strength of a form body of lithium silicate glass ceramic  
 (51) Int. Cl.  
     **A61K 6/80** ( 2020.01 )  
     **A61C 5/70** ( 2017.01 )  
     **A61K 6/818** ( 2020.01 )  
     **A61K 6/822** ( 2020.01 )

Applications Accepted - Name Index cont'd

**A61K 6/871** ( 2020.01 )  
**C03C 3/097** ( 2006.01 )  
**(87)** WO2016/188904  
**(31)** 10.2015.108.173.3 **(32)** 22.05.15 **(33)** DE  
**(43)** 01.12.2016  
**(44)** 17.09.2020  
**(72)** Fecher, Stefan; Voelkl, Lothar  
**(74)** Patent Attorney Services

**(71)** Dezawa, M.; University of Toyama; Life Science Institute, Inc.  
**(11)** AU-B-2017207154  
**(21)** 2017207154 **(22)** 16.01.2017  
**(54)** Mobilization of pluripotent stem cells for ischemic cerebral infarction  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2017/122829  
**(31)** 62/279,129 **(32)** 15.01.16 **(33)** US  
**(43)** 20.07.2017  
**(44)** 17.09.2020  
**(72)** Dezawa, Mari; Kuroda, Satoshi  
**(74)** Spruson & Ferguson

**Donnelly, S. see Endace Technology Limited**  
**(21)** 2016257995

**(71)** Doten, L.  
**(11)** AU-B-2019232827  
**(21)** 2019232827 **(22)** 18.09.2019  
**(54)** FIRE SUPPRESSION GEL BLENDER AND AIRBORNE DELIVERY SYSTEM  
**(51)** Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**A62C 5/033** ( 2006.01 )  
**(43)** 10.10.2019  
**(44)** 17.09.2020  
**(62)** 2016203443  
**(72)** Doten, Leonard E.  
**(74)** Lord & Company

**(71)** Dow Global Technologies LLC; Rohm and Haas Company  
**(11)** AU-B-2015418568  
**(21)** 2015418568 **(22)** 21.12.2015  
**(54)** Multistage aqueous emulsion polymer and aqueous coating composition formed therefrom  
**(51)** Int. Cl.  
**C08F 2/22** ( 2006.01 )  
**C08F 220/18** ( 2006.01 )  
**C08F 265/06** ( 2006.01 )  
**(87)** WO2017/106994  
**(43)** 29.06.2017  
**(44)** 17.09.2020  
**(72)** Dong, Xiangting; Li, Ling; Zhang, Jinyuan; Cui, Wei; Liu, Han; Zhang, Qingwei  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Drugarray, Inc.  
**(11)** AU-B-2015219028  
**(21)** 2015219028 **(22)** 18.02.2015  
**(54)** Multi-well separation apparatus and reagent delivery device  
**(51)** Int. Cl.

**B01L 3/14** ( 2006.01 )  
**(87)** WO2015/126979  
**(31)** 61/941,368 **(32)** 18.02.14 **(33)** US  
**(43)** 27.08.2015  
**(44)** 17.09.2020  
**(72)** Chen, Ning; Shanahan, Robert Keith; Teng, Dayu; Braun, Daniel Joseph  
**(74)** AJ PARK

**(71)** DSM IP Assets B.V.  
**(11)** AU-B-2016321893  
**(21)** 2016321893 **(22)** 16.09.2016  
**(54)** Preformed sheet and ballistic-resistant article  
**(51)** Int. Cl.  
**B32B 5/12** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**(87)** WO2017/046329  
**(31)** EP15185917.0 **(32)** 18.09.15 **(33)** EP  
**(43)** 23.03.2017  
**(44)** 17.09.2020  
**(72)** Clerici, Cyril  
**(74)** Phillips Ormonde Fitzpatrick

**Earl, D. see Endace Technology Limited**  
**(21)** 2016257995

**(71)** ELC Management LLC  
**(11)** AU-B-2017352303  
**(21)** 2017352303 **(22)** 22.09.2017  
**(54)** Delayed release delivery systems and methods  
**(51)** Int. Cl.  
**A61K 8/02** ( 2006.01 )  
**A61K 8/06** ( 2006.01 )  
**A61Q 5/00** ( 2006.01 )  
**A61Q 13/00** ( 2006.01 )  
**(87)** WO2018/080679  
**(31)** 62/413,254 **(32)** 26.10.16 **(33)** US  
**(43)** 03.05.2018  
**(44)** 17.09.2020  
**(72)** Lee, Wilson A.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Electrolux Appliances Aktiebolag  
**(11)** AU-B-2015309164  
**(21)** 2015309164 **(22)** 16.07.2015  
**(54)** Induction heating arrangement and induction hob  
**(51)** Int. Cl.  
**H05B 6/12** ( 2006.01 )  
**(87)** WO2016/030079  
**(31)** 14182298.1 **(32)** 26.08.14 **(33)** EP  
 14182299.9 26.08.14 EP  
**(43)** 03.03.2016  
**(44)** 17.09.2020  
**(72)** Herzog, Michael; Saporetti, Marco; Leikam, Jurgen  
**(74)** Halfords IP

**(71)** Eli Lilly And Company  
**(11)** AU-B-2018360478  
**(21)** 2018360478 **(22)** 30.10.2018  
**(54)** BTK inhibitor compounds

**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**(87)** WO2019/089512  
**(31)** 62/581,967 **(32)** 06.11.17 **(33)** US  
**(43)** 09.05.2019  
**(44)** 17.09.2020  
**(72)** HENRY JR., Kenneth James; KHILEVICH, Albert; KUKLISH, Steven Lee; PARTRIDGE, Katherine Marie; QUIMBY, Steven James  
**(74)** Spruson & Ferguson

**(71)** Emulate, Inc.; Cedars-Sinai Medical Center  
**(11)** AU-B-2017214468  
**(21)** 2017214468 **(22)** 01.02.2017  
**(54)** Systems and methods for growth of intestinal cells in microfluidic devices  
**(51)** Int. Cl.  
**C12N 5/02** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 5/074** ( 2010.01 )  
**C12N 5/0793** ( 2010.01 )  
**C12N 5/0797** ( 2010.01 )  
**(87)** WO2017/136462  
**(31)** 62/354,040 **(32)** 23.06.16 **(33)** US  
 62/332,849 06.05.16 US  
 62/437,314 21.12.16 US  
 62/289,521 01.02.16 US  
**(43)** 10.08.2017  
**(44)** 17.09.2020  
**(72)** Kerns, Jordan; Wen, Norman; Lucchesi, Carol; Hinojosa, Chris; Fraser, Jacob; Puerta, Jefferson; Hamilton, Geraldine; Barrett, Robert; Svendsen, Clive; Levner, Daniel; Targan, Stephen R.; Workman, Michael; Sareen, Dhruv; Rajamani, Uthra; Kasendra, Magdalena  
**(74)** Spruson & Ferguson

**Enantis s.r.o. see Masarykova Univerzita**  
**(21)** 2016359722

**(71)** Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S.  
**(11)** AU-B-2016257995  
**(21)** 2016257995 **(22)** 04.05.2016  
**(54)** Intelligent load balancing and high speed intelligent network recorders  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**(87)** WO2016/179332  
**(31)** 15/145,787 **(32)** 03.05.16 **(33)** US  
 62/156,885 04.05.15 US  
**(43)** 10.11.2016  
**(44)** 17.09.2020  
**(72)** Coddington, Anthony; Donnelly, Stephen; Earl, David; Allen, Maxwell; Wilson, Stuart  
**(74)** AJ PARK

**Endres, S. see Kobold, S.**

Applications Accepted - Name Index cont'd

(21) 2016277883

(71) Enercon Industries Corporation

(11) AU-B-2017418323

(21) 2017418323 (22) 29.06.2017

(54) Surface treater with expansion electrode arrangement

(51) Int. Cl.

H01T 19/00 ( 2006.01 )

H01J 37/32 ( 2006.01 )

(87) WO2018/231260

(31) 15/624,591 (32) 15.06.17 (33) US

(43) 20.12.2018

(44) 17.09.2020

(72) Hammen, Richard R.; Hanson, Jacob W.

(74) Davies Collison Cave Pty Ltd

(71) Envision SQ Inc.

(11) AU-B-2016378991

(21) 2016378991 (22) 06.12.2016

(54) Photocatalytic composite material for the decomposition of air pollutants

(51) Int. Cl.

B01J 21/06 ( 2006.01 )

B01D 53/56 ( 2006.01 )

B01D 53/86 ( 2006.01 )

(87) WO2017/106963

(31) 2,916,078 (32) 22.12.15 (33) CA

(43) 29.06.2017

(44) 17.09.2020

(72) Shayko, Scott; Lu, Cheng; Qiu, Xin

(74) Shelston IP Pty Ltd.

(71) Escape Fitness Limited

(11) AU-B-2015200874

(21) 2015200874 (22) 20.02.2015

(54) A WEIGHTED EXERCISE DEVICE

(51) Int. Cl.

A63B 21/00 ( 2006.01 )

(31) 1404215.4 (32) 10.03.14 (33) GB

(43) 24.09.2015

(44) 17.09.2020

(72) Lock, Mark; Childs, Martin

(74) Madderns Pty Ltd

(71) ETEX BUILDING PERFORMANCE INTERNATIONAL SAS

(11) AU-B-2015367790

(21) 2015367790 (22) 14.12.2015

(54) Seismic protective structure for board partitions

(51) Int. Cl.

E04H 9/02 ( 2006.01 )

E04B 1/68 ( 2006.01 )

E04B 2/74 ( 2006.01 )

E04B 2/82 ( 2006.01 )

(87) WO2016/096756

(31) PCT/EP2015/050805 (32) 16.01.15 (33) EP

14290396.2 19.12.14 EP

(43) 23.06.2016

(44) 17.09.2020

(72) Lopez, Pauline; Arese, Roger

(74) Spruson & Ferguson

(71) ETH Zürich

(11) AU-B-2016320395

(21) 2016320395 (22) 08.09.2016

(54) Injectable macroporous hydrogels

(51) Int. Cl.

A61L 27/18 ( 2006.01 )

A61L 27/20 ( 2006.01 )

A61L 27/22 ( 2006.01 )

A61L 27/26 ( 2006.01 )

A61L 27/38 ( 2006.01 )

A61L 27/52 ( 2006.01 )

A61L 27/56 ( 2006.01 )

C08L 5/02 ( 2006.01 )

C08L 5/06 ( 2006.01 )

C08L 5/08 ( 2006.01 )

C08L 71/02 ( 2006.01 )

(87) WO2017/042301

(31) 15184552.6 (32) 09.09.15 (33) EP

(43) 16.03.2017

(44) 17.09.2020

(72) Broguiere, Nicolas; Zenobi-Wong, Marcy

(74) Shelley Rowland

(71) Eurochem Agro GmbH

(11) AU-B-2019204146

(21) 2019204146 (22) 13.06.2019

(54) Fertilizer mixture containing nitrification inhibitor

(51) Int. Cl.

C07D 231/12 ( 2006.01 )

C07B 41/08 ( 2006.01 )

(43) 04.07.2019

(44) 17.09.2020

(62) 2014363415

(72) PETERS, Nils; HAHNDEL, Reinhardt

(74) Spruson & Ferguson

(71) Exide Technologies

(11) AU-B-2018202919

(21) 2018202919 (22) 27.04.2018

(54) LEAD-ACID BATTERY POSITIVE PLATE AND ALLOY THEREFORE

(51) Int. Cl.

H01M 2/10 ( 2006.01 )

(43) 17.05.2018

(44) 17.09.2020

(62) 2013323563

(72) Wang, Xiangjun; Mihara, David Robert; Adanuvor, Prosper; Mattan, Edward

(74) Phillips Ormonde Fitzpatrick

(71) Eye on Air B.V.

(11) AU-B-2015278346

(21) 2015278346 (22) 11.06.2015

(54) Shutter for an ion mobility spectrometer

(51) Int. Cl.

H01J 49/06 ( 2006.01 )

G01N 27/62 ( 2006.01 )

(87) WO2015/194943

(31) 2013000 (32) 16.06.14 (33) NL

(43) 23.12.2015

(44) 17.09.2020

(72) Mitko, Sergej Vasiljevitsj

(74) Belyea IP

(71) Ferring B.V.

(11) AU-B-2016287200

(21) 2016287200 (22) 29.06.2016

(54) Lactobacillus rhamnosus bacterium for treatment of e.g. bacterial vaginosis

(51) Int. Cl.

A61K 35/747 ( 2015.01 )

(87) WO2017/001440

(31) EP15174222.8 (32) 29.06.15 (33) EP

(43) 05.01.2017

(44) 17.09.2020

(72) Chenoll Cuadros, Maria Empar; Casinos Ramo, Beatriz; Silva Angulo, Ángela; Ramon Vidal, Daniel; Genovés Martínez, Salvador

(74) Baldwins Intellectual Property

(71) Firebrick Pharma Pty Ltd

(11) AU-B-2015292256

(21) 2015292256 (22) 06.07.2015

(54) Treatment and prevention of the common cold using povidone-iodine

(51) Int. Cl.

A61K 33/18 ( 2006.01 )

A61K 31/79 ( 2006.01 )

A61P 11/00 ( 2006.01 )

A61P 31/00 ( 2006.01 )

(87) WO2016/011496

(31) 2014206143 (32) 23.07.14 (33) AU

(43) 28.01.2016

(44) 17.09.2020

(72) Goodall, Stephen; Molloy, Peter

(74) Davies Collison Cave Pty Ltd

(71) Fisher & Paykel Healthcare Limited

(11) AU-B-2015354877

(21) 2015354877 (22) 25.11.2015

(54) Substance delivery arrangement for gas therapy device

(51) Int. Cl.

A61M 39/10 ( 2006.01 )

A61M 16/08 ( 2006.01 )

(87) WO2016/085354

(31) 62/084,359 (32) 25.11.14 (33) US

(43) 02.06.2016

(44) 17.09.2020

(72) Kirton, Robert Stuart; O'Donnell, Kevin Peter; Kramer, Martin Paul Friedrich; Tatkov, Stanislav

(74) Baldwins Intellectual Property

(71) Flexicon Corporation

(11) AU-B-2019325887

(21) 2019325887 (22) 02.07.2019

(54) Tubular cable conveyor slug with integrated connector

(51) Int. Cl.

B65G 19/24 ( 2006.01 )

B65G 19/14 ( 2006.01 )

(87) WO2020/040884

(31) 62/721,231 (32) 22.08.18 (33) US

(43) 27.02.2020

(44) 17.09.2020

(72) BARRY, Daniel Joel; SZA ZDI JR., John Stephen

(74) Griffith Hack

(71) Fluidra, S.A.

(11) AU-B-2016401623

Applications Accepted - Name Index cont'd

(21) 2016401623 (22) 06.04.2016  
 (54) Operating protean water installation devices  
 (51) Int. Cl.  
**G05B 19/04** ( 2006.01 )  
 (87) WO2017/174132  
 (43) 12.10.2017  
 (44) 17.09.2020  
 (72) Giménez Pallarès, David; Bujalance Coll, Daniel; Melendo Casado, Domènec; Penelo Arias, Óscar  
 (74) WADESON

(71) Forma Therapeutics, Inc.  
 (11) AU-B-2015317322  
 (21) 2015317322 (22) 18.09.2015  
 (54) Phenyl quinolinone derivatives as mutant-isocitrate dehydrogenase inhibitors  
 (51) Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/4704** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 215/227** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
 (87) WO2016/044782  
 (31) 62/128,089 (32) 04.03.15 (33) US  
 62/053,006 19.09.14 US  
 62/206,631 18.08.15 US  
 (43) 24.03.2016  
 (44) 17.09.2020

(72) Ashwell, Susan; Campbell, Ann-Marie; Caravella, Justin Andrew; Diebold, R. Bruce; Ericsson, Anna; Gustafson, Gary; Lancia, Jr., David R.; Lin, Jian; Lu, Wei; Wang, Zhongguo  
 (74) Davies Collison Cave Pty Ltd

(71) FRESENIUS KABI DEUTSCHLAND GMBH  
 (11) AU-B-2020204269  
 (21) 2020204269 (22) 26.06.2020  
 (54) Liquid pharmaceutical composition  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
 (43) 16.07.2020  
 (44) 17.09.2020  
 (62) 2015263247  
 (72) RINALDI, Gianluca; FRATARCANGELI, Silvia; DEL RIO, Alessandra  
 (74) Griffith Hack

(71) Fuji Clean Co., Ltd.  
 (11) AU-B-2016210227  
 (21) 2016210227 (22) 19.01.2016  
 (54) Water treatment device  
 (51) Int. Cl.  
**C02F 3/00** ( 2006.01 )  
**C02F 3/10** ( 2006.01 )  
**C02F 3/30** ( 2006.01 )  
 (87) WO2016/117576  
 (31) 2015-008985 (32) 20.01.15 (33) JP  
 (43) 28.07.2016  
 (44) 17.09.2020  
 (72) Ichinari, Tsuyoshi; Mizuno, Shinichi; Togari, Jun  
 (74) Phillips Ormonde Fitzpatrick

(71) Fuji Corporation  
 (11) AU-B-2017402430  
 (21) 2017402430 (22) 07.03.2017  
 (54) Assistance device  
 (51) Int. Cl.  
**A61G 7/14** ( 2006.01 )  
**A61G 5/14** ( 2006.01 )  
 (87) WO2018/163307  
 (43) 13.09.2018  
 (44) 17.09.2020  
 (72) Hiraoka, Takehiro; Ono, Kazunari; Isozumi, Joji  
 (74) Spruson & Ferguson

(71) FUJIFILM Corporation; FUJIFILM Toyama Chemical Co., Ltd.  
 (11) AU-B-2017239816  
 (21) 2017239816 (22) 30.03.2017  
 (54) Method for producing 5-(bromo-methyl)-1-benzothiophene  
 (51) Int. Cl.  
**C07D 333/54** ( 2006.01 )  
 (87) WO2017/170850  
 (31) 2016-071574 (32) 31.03.16 (33) JP  
 (43) 05.10.2017  
 (44) 17.09.2020  
 (72) Ishihara, Kentaro; Arai, Tsuyoshi  
 (74) Griffith Hack

FUJIFILM Toyama Chemical Co., Ltd. see FUJIFILM Corporation  
 (21) 2017239816

(71) Fundacio Privada Institut d'Investigacio Oncologica de Vall Hebron  
 (11) AU-B-2014264642  
 (21) 2014264642 (22) 07.05.2014  
 (54) Methods and compositions for the treatment of cancer  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 38/17** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (87) WO2014/180889  
 (31) 13382167.8 (32) 07.05.13 (33) EP  
 (43) 13.11.2014  
 (44) 17.09.2020  
 (72) Soucek, Laura; Beaulieu, Marie-Eve  
 (74) Shelston IP Pty Ltd.

(71) Gambro Lundia AB  
 (11) AU-B-2016282817  
 (21) 2016282817 (22) 22.06.2016  
 (54) Medical device system and method having a distributed database  
 (51) Int. Cl.  
**A61M 5/14** ( 2006.01 )  
 (87) WO2016/207206  
 (31) 1550885-6 (32) 25.06.15 (33) SE  
 (43) 29.12.2016  
 (44) 17.09.2020  
 (72) Löfgren, Pär; Hobro, Sture; Nilsson, Roger; Persson, Roland; Ridell, Peter  
 (74) Griffith Hack

(71) Garcia Castelblanco, R.  
 (11) AU-B-2016306723  
 (21) 2016306723 (22) 04.08.2016  
 (54) Method for obtaining root mass from vegetable seeds and root mass obtained therefrom  
 (51) Int. Cl.  
**A01G 31/00** ( 2006.01 )  
**A01G 9/02** ( 2006.01 )  
**A01G 13/00** ( 2006.01 )  
**A01G 18/00** ( 2018.01 )  
**A01G 31/02** ( 2006.01 )  
**A01H 4/00** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**B27N 3/20** ( 2006.01 )  
 (87) WO2017/024419

(31) 2215-2015 (32) 07.08.15 (33) CL  
 (43) 16.02.2017  
 (44) 17.09.2020  
 (72) Garcia Castelblanco, Roberto  
 (74) MEYER WEST IP PTY LTD

(71) Gc Corporation  
 (11) AU-B-2018331574  
 (21) 2018331574 (22) 17.05.2018  
 (54) Occlusal pressure analysis device, occlusal pressure analysis program, and occlusal pressure analysis method  
 (51) Int. Cl.  
**A61C 19/05** ( 2006.01 )  
 (87) WO2019/053949  
 (31) 2017-176662 (32) 14.09.17 (33) JP  
 (43) 21.03.2019  
 (44) 17.09.2020  
 (72) NOGUCHI, Yukie  
 (74) Spruson & Ferguson

(71) GE Healthcare Limited; Nihon Medi-Physics Co., Ltd.  
 (11) AU-B-2016344537  
 (21) 2016344537 (22) 17.10.2016  
 (54) Method for producing flutemetamol  
 (51) Int. Cl.  
**C07D 277/66** ( 2006.01 )  
 (87) WO2017/071980  
 (31) 2015-211413 (32) 28.10.15 (33) JP  
 (43) 04.05.2017  
 (44) 17.09.2020  
 (72) Okumura, Yuki; Tonoya, Gota; Matsunami, Tomoyuki  
 (74) Davies Collison Cave Pty Ltd

(71) General Mills, Inc.  
 (11) AU-B-2015390975  
 (21) 2015390975 (22) 14.04.2015  
 (54) Heat stable extruded protein composition and related food products  
 (51) Int. Cl.  
**A23J 3/26** ( 2006.01 )  
 (87) WO2016/167749  
 (43) 20.10.2016  
 (44) 17.09.2020  
 (72) Heck, Caleb I.; Robie, Steven C.; Walther, Goeran  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

- (71) Gen-Probe Incorporated  
 (11) AU-B-2018236842  
 (21) 2018236842 (22) 28.09.2018  
 (54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid  
 (51) Int. Cl.  
 C12Q 1/68 ( 2006.01 )  
 C12Q 1/10 ( 2006.01 )  
 (43) 18.10.2018  
 (44) 17.09.2020  
 (62) 2016247158  
 (72) TYLER, Ejan  
 (74) FB Rice Pty Ltd
- 
- (71) Ghosh, S.  
 (11) AU-B-2015237933  
 (21) 2015237933 (22) 27.03.2015  
 (54) Expression of a single chain antibody against Salmonella in Lactobacillus  
 (51) Int. Cl.  
 C07K 16/12 ( 2006.01 )  
 (87) WO2015/145250  
 (31) 1100/MUM/2014 (32) 27.03.14 (33) IN  
 (43) 01.10.2015  
 (44) 17.09.2020  
 (72) Ghosh, Sambuddha; Banerjee, Sanjiban Kumar; Sabnis, Manisha Pravin  
 (74) Spruson & Ferguson
- 
- (71) GIBS Building Tech Pty Ltd  
 (11) AU-B-2018271283  
 (21) 2018271283 (22) 27.11.2018  
 (54) A PREFABRICATED BUILDING SYSTEM, A PREFABRICATED WALL PANEL AND A PREFABRICATED FLOOR PANEL THEREOF  
 (51) Int. Cl.  
 E04G 17/00 ( 2006.01 )  
 E04B 1/343 ( 2006.01 )  
 E04B 1/38 ( 2006.01 )  
 E04G 11/06 ( 2006.01 )  
 (43) 11.06.2020  
 (44) 17.09.2020  
 (72) Tey, Chee Keong  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Gittins, B.  
 (11) AU-B-2016245421  
 (21) 2016245421 (22) 07.04.2016  
 (54) Programmable memory transfer request units  
 (51) Int. Cl.  
 G06F 13/28 ( 2006.01 )  
 G06F 9/30 ( 2006.01 )  
 G06F 12/02 ( 2006.01 )  
 G06F 13/16 ( 2006.01 )  
 (87) WO2016/162817  
 (31) 2015901247 (32) 07.04.15 (33) AU  
 (43) 13.10.2016  
 (44) 17.09.2020  
 (72) Gittins, Benjamin  
 (74) Benjamin Aaron Gittins
- 
- (71) Google LLC  
 (11) AU-B-2019210629  
 (21) 2019210629 (22) 02.08.2019

- (54) MESH NETWORK ADDRESSING  
 (51) Int. Cl.  
 H04L 12/28 ( 2006.01 )  
 (43) 22.08.2019  
 (44) 17.09.2020  
 (62) 2017245300  
 (72) TURON, Martin A.; WOODYATT, James H.; HUI, Jonathan Wing-Yan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-B-2015411026  
 (21) 2015411026 (22) 30.09.2015  
 (54) Service bearing congestion control method and apparatus  
 (51) Int. Cl.  
 H04W 48/02 ( 2009.01 )  
 (87) WO2017/054183  
 (43) 06.04.2017  
 (44) 17.09.2020  
 (72) Feng, Bin  
 (74) Golja Haines & Friend
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-B-2018274298  
 (21) 2018274298 (22) 15.03.2018  
 (54) Electronic device  
 (51) Int. Cl.  
 H04M 1/02 ( 2006.01 )  
 G06F 1/16 ( 2006.01 )  
 (87) WO2018/214621  
 (31) 201710366590.3 (32) 22.05.17 (33) CN  
 (43) 29.11.2018  
 (44) 17.09.2020  
 (72) Zhang, Haiping  
 (74) Shelston IP Pty Ltd.
- 
- (71) Haining Jinshi Crystal Co., Ltd.  
 (11) AU-B-2019202364  
 (21) 2019202364 (22) 04.04.2019  
 (54) A chamfering apparatus for crystal raw stones  
 (51) Int. Cl.  
 B24B 31/06 ( 2006.01 )  
 A44C 17/00 ( 2006.01 )  
 (31) 2019102395802 (32) 27.03.19 (33) CN  
 (43) 17.09.2020  
 (44) 17.09.2020  
 (72) Fan, Kuanjiang  
 (74) Haining Jinshi Crystal Co., Ltd.
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-B-2015401546  
 (21) 2015401546 (22) 06.07.2015  
 (54) Modular downhole debris separating assemblies  
 (51) Int. Cl.  
 E21B 43/02 ( 2006.01 )  
 E21B 17/00 ( 2006.01 )  
 E21B 43/08 ( 2006.01 )  
 (87) WO2017/007447  
 (43) 12.01.2017

- (44) 17.09.2020  
 (72) Mericas, Chris J.; Rogers, Henry Eugene; Stair, Todd Anthony; Downey, Luke C.  
 (74) Phillips Ormonde Fitzpatrick
- 
- Han, J. see Baikang (Suzhou) Co., Ltd  
 (21) 2014359894
- 
- (71) Hanmi Pharm. Co., Ltd.  
 (11) AU-B-2015268183  
 (21) 2015268183 (22) 29.05.2015  
 (54) Composition for treating diabetes comprising long-acting insulin analogue conjugate and long-acting insulinotropic peptide conjugate  
 (51) Int. Cl.  
 A61K 38/28 ( 2006.01 )  
 A61K 38/26 ( 2006.01 )  
 A61K 47/30 ( 2006.01 )  
 (87) WO2015/183038  
 (31) 10-2014-0065072 (32) 29.05.14 (33) KR  
 (43) 03.12.2015  
 (44) 17.09.2020  
 (72) Kim, Jung Kuk; Kim, Dae Jin; Heo, Yong Ho; Choi, In Young; Jung, Sung Youb; Kwon, Se Chang  
 (74) FB Rice Pty Ltd
- 
- (71) Heckler & Kock GmbH  
 (11) AU-B-2018256657  
 (21) 2018256657 (22) 02.11.2018  
 (54) Magazine and Magazine Floor Plate as well as Self-loading Firearm with such a Magazine  
 (51) Int. Cl.  
 F41A 9/65 ( 2006.01 )  
 (31) 10 2017 010 908.7 (32) 24.11.17 (33) DE  
 (43) 13.06.2019  
 (44) 17.09.2020  
 (72) MÜLLER, Steffen  
 (74) WRAYS PTY LTD
- 
- (71) Hendrickson USA, L.L.C.  
 (11) AU-B-2018289292  
 (21) 2018289292 (22) 18.06.2018  
 (54) Self-steering axle knuckle  
 (51) Int. Cl.  
 B62D 7/18 ( 2006.01 )  
 B60B 35/00 ( 2006.01 )  
 B60T 17/08 ( 2006.01 )  
 (87) WO2018/236734  
 (31) 62/522,900 (32) 21.06.17 (33) US  
 (43) 27.12.2018  
 (44) 17.09.2020  
 (72) White, Jay D.; Martin II, Daniel W.; Ernewein, Keith M.; Gregg, Dane  
 (74) Spruson & Ferguson
- 
- (71) Henkel AG & Co. KGaA  
 (11) AU-B-2016372350  
 (21) 2016372350 (22) 14.12.2016  
 (54) Structured liquid detergent composition  
 (51) Int. Cl.  
 C11D 1/29 ( 2006.01 )  
 C11D 17/00 ( 2006.01 )  
 (87) WO2017/102866

Applications Accepted - Name Index cont'd

(31) 10 2015 225 981.1 (32) 18.12.15 (33) DE  
(43) 22.06.2017  
(44) 17.09.2020  
(72) O'Donnell, John; Reidy, Brendon  
(74) Spruson & Ferguson

(71) Heptares Therapeutics Limited  
(11) AU-B-2016347521  
(21) 2016347521 (22) 28.10.2016  
(54) CGRP receptor antagonists  
(51) Int. Cl.  
C07D 401/14 ( 2006.01 )  
A61K 31/437 ( 2006.01 )  
A61K 31/537 ( 2006.01 )  
A61P 25/06 ( 2006.01 )  
C07D 498/10 ( 2006.01 )

(87) WO2017/072721  
(31) 1519196.8 (32) 30.10.15 (33) GB  
(43) 04.05.2017  
(44) 17.09.2020  
(72) Christopher, John Andrew; Congreve,  
Miles Stuart; Bucknell, Sarah Joanne; De-  
florian, Francesca; Pickworth, Mark; Ma-  
son, Jonathan Stephen  
(74) Davies Collison Cave Pty Ltd

(71) Hilti Aktiengesellschaft  
(11) AU-B-2016256205  
(21) 2016256205 (22) 27.04.2016  
(54) Fire protection sleeve  
(51) Int. Cl.  
F16L 5/04 ( 2006.01 )  
A62C 2/06 ( 2006.01 )  
H02G 3/04 ( 2006.01 )  
H02G 3/22 ( 2006.01 )

(87) WO2016/174050  
(31) 15165185.8 (32) 27.04.15 (33) EP  
(43) 03.11.2016  
(44) 17.09.2020  
(72) Munzenberger, Herbert; Artmann, Hans  
Henning; Kogler, Markus; Berghofer, Egon  
(74) Shelston IP Pty Ltd.

HOLM, A. see Arcadia Biosciences, Inc.  
(21) 2018211346

Honey Badger International Pty Ltd see Ro-  
gers, G.  
(21) 2018217279

(71) Huawei Technologies Co., Ltd.  
(11) AU-B-2016428724  
(21) 2016428724 (22) 13.12.2016  
(54) Slot scheduling method and apparatus  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
(87) WO2018/082157  
(31) 201610966024.1 (32) 04.11.16 (33) CN  
(43) 11.05.2018  
(44) 17.09.2020  
(72) Liu, Yun; Wang, Jian; Wang, Da; Zeng,  
Yongbo  
(74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
(11) AU-B-2018213630  
(21) 2018213630 (22) 24.01.2018  
(54) Target cell access method and device  
(51) Int. Cl.  
H04W 8/16 ( 2009.01 )  
(87) WO2018/137637  
(31) 201710061634.1 (32) 26.01.17 (33) CN  
(43) 02.08.2018  
(44) 17.09.2020  
(72) Lou, Chong; Wang, Rui; Dai, Mingzeng;  
Zeng, Qinghai  
(74) Spruson & Ferguson

(71) Hublot SA Genève  
(11) AU-B-2016232092  
(21) 2016232092 (22) 17.03.2016  
(54) Equipment for assisting underwater explor-  
ation and underwater robot for the equip-  
ment  
(51) Int. Cl.  
G05D 1/00 ( 2006.01 )  
(87) WO2016/146797  
(31) 00365/15 (32) 17.03.15 (33) CH  
(43) 22.09.2016  
(44) 17.09.2020  
(72) Buttet, Mathias; Blumenthal, Jean-Michel  
(74) Griffith Hack

(71) Hunter Douglas Inc.  
(11) AU-B-2015255278  
(21) 2015255278 (22) 13.11.2015  
(54) Batten spacers for shade systems  
(51) Int. Cl.  
E06B 9/262 ( 2006.01 )  
E06B 9/38 ( 2006.01 )  
(31) 62/081,456 (32) 18.11.14 (33) US  
62/081,554 18.11.14 US  
(43) 02.06.2016  
(44) 17.09.2020  
(72) Goldberg, Michael S.  
(74) Shelston IP Pty Ltd.

(71) Husqvarna AB  
(11) AU-B-2018249706  
(21) 2018249706 (22) 26.03.2018  
(54) Equipment frame for a riding lawn care  
vehicle  
(51) Int. Cl.  
A01D 34/66 ( 2006.01 )  
A01D 34/86 ( 2006.01 )  
(87) WO2018/185602  
(31) 62/481,252 (32) 04.04.17 (33) US  
(43) 11.10.2018  
(44) 17.09.2020  
(72) Bengtzohn, Johan; Axelsson, Mats  
(74) Spruson & Ferguson

(71) Hyundai Motor Company  
(11) AU-B-2016380599  
(21) 2016380599 (22) 29.12.2016  
(54) Composition for preventing odor, contain-  
ing odorless microorganisms  
(51) Int. Cl.  
A61L 9/01 ( 2006.01 )  
B01D 53/84 ( 2006.01 )  
B60H 3/00 ( 2006.01 )

C12N 1/20 ( 2006.01 )  
C12R 1/01 ( 2006.01 )  
(87) WO2017/116161  
(31) 10-2015-0188601 (32) 29.12.15 (33) KR  
10-2015-0188609 29.12.15 KR  
10-2015-0188615 29.12.15 KR  
10-2015-0188550 29.12.15 KR  
(43) 06.07.2017  
(44) 17.09.2020  
(72) Park, So Yoon; Lee, Tae Hee; Kim, Ji Wan;  
Yoon, Ki Young  
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Ichnos Sciences SA  
(11) AU-B-2015341884  
(21) 2015341884 (22) 03.11.2015  
(54) CD3/CD38 T cell retargeting hetero-dimer-  
ic immunoglobulins and methods of their  
production  
(51) Int. Cl.  
C07K 16/46 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
(87) WO2016/071355  
(31) PCT/ (32) 04.11.14 (33) EP  
EP2014/073738  
15167034.6 08.05.15 EP  
(43) 12.05.2016  
(44) 17.09.2020  
(72) Ollier, Romain; Hou, Samuel; Lissilaa,  
Rami; Skegro, Darko; Back, Jonathan  
(74) FPA Patent Attorneys Pty Ltd

(71) ICU Medical, Inc.  
(11) AU-B-2015364478  
(21) 2015364478 (22) 18.12.2015  
(54) Infusion system with concurrent TPN/in-  
sulin infusion  
(51) Int. Cl.  
A61M 5/142 ( 2006.01 )  
A61M 5/148 ( 2006.01 )  
(87) WO2016/100779  
(31) 14/972,585 (32) 17.12.15 (33) US  
62/094,552 19.12.14 US  
(43) 23.06.2016  
(44) 17.09.2020  
(72) Sileika, Tadas S.; Schmidt, Justin J.; Day,  
William Kenneth; Brown, James B.  
(74) Davies Collison Cave Pty Ltd

(71) IGYXOS  
(11) AU-B-2015314029  
(21) 2015314029 (22) 10.09.2015  
(54) Ligands that potentiate the bioactivity of  
gonadotropins  
(51) Int. Cl.  
C07K 16/26 ( 2006.01 )  
A61K 38/24 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 5/06 ( 2006.01 )  
A61P 5/24 ( 2006.01 )  
A61P 15/08 ( 2006.01 )  
(87) WO2016/038308  
(31) 1458469 (32) 10.09.14 (33) FR  
(43) 17.03.2016  
(44) 17.09.2020  
(72) Kara, Elodie; Decourtye, Jeremy; Casteret,  
Sophie; Maurel, Marie-Christine  
(74) Griffith Hack

Applications Accepted - Name Index cont'd

---

(71) IJTT Co., Ltd.  
 (11) AU-B-2016393011  
 (21) 2016393011 (22) 18.03.2016  
 (54) Center bearing  
 (51) Int. Cl.  
     **F16C 27/06** ( 2006.01 )  
     **B60K 17/22** ( 2006.01 )  
     **F16C 35/02** ( 2006.01 )  
     **F16F 15/08** ( 2006.01 )  
 (87) WO2017/141451  
 (31) 2016-028178 (32) 17.02.16 (33) JP  
 (43) 24.08.2017  
 (44) 17.09.2020  
 (72) Hamanaka, Yoshihisa; Kimura, Atsushi; Hata, Masatoshi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

---

(71) Illinois Tool Works Inc.  
 (11) AU-B-2016339814  
 (21) 2016339814 (22) 07.10.2016  
 (54) Plastic water repellent formulation  
 (51) Int. Cl.  
     **C09D 191/06** ( 2006.01 )  
 (87) WO2017/066097  
 (31) 14/882,150 (32) 13.10.15 (33) US  
 (43) 20.04.2017  
 (44) 17.09.2020  
 (72) Phang, Tze Lee; Bajrami, Ergest  
 (74) Davies Collison Cave Pty Ltd

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(71) Immatics Biotechnologies GmbH  
 (11) AU-B-2016293047  
 (21) 2016293047 (22) 14.07.2016  
 (54) Novel peptides and combination of peptides for use in immunotherapy against epithelial ovarian cancer and other cancers  
 (51) Int. Cl.  
     **C07K 14/47** ( 2006.01 )  
 (87) WO2017/009400  
 (31) 1512369.8 (32) 15.07.15 (33) GB  
     62/192,670 15.07.15 US  
 (43) 19.01.2017  
 (44) 17.09.2020  
 (72) Schuster, Heiko; Peper, Janet; Wagner, Philipp; Rammensee, Hans-Georg  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Indian Ocean Medical Inc.  
 (11) AU-B-2017224946  
 (21) 2017224946 (22) 24.02.2017  
 (54) Medical gas delivery system  
 (51) Int. Cl.  
     **A61B 1/015** ( 2006.01 )  
     **A61B 1/267** ( 2006.01 )  
     **A61M 16/04** ( 2006.01 )  
 (87) WO2017/144916  
 (31) 1608473.3 (32) 13.05.16 (33) GB  
     1603234.4 24.02.16 GB  
 (43) 31.08.2017  
 (44) 17.09.2020  
 (72) Young, Peter Jeffrey  
 (74) Spruson & Ferguson

---

(71) Indorama Ventures Oxides LLC  
 (11) AU-B-2017240417  
 (21) 2017240417 (22) 09.03.2017  
 (54) Enhanced solubilization using a combination of extended chain surfactants  
 (51) Int. Cl.  
     **C11D 3/37** ( 2006.01 )  
     **B08B 3/04** ( 2006.01 )  
 (87) WO2017/172320  
 (31) 62/316,203 (32) 31.03.16 (33) US  
 (43) 05.10.2017  
 (44) 17.09.2020  
 (72) Smith, George; Watkins, Gary R.  
 (74) Houlihan<sup>2</sup> Pty Ltd

---

(71) Infrared Healthcare (Holdings) Pty Ltd  
 (11) AU-B-2016240391  
 (21) 2016240391 (22) 04.04.2016  
 (54) Method and apparatus for treating soft tissue injury  
 (51) Int. Cl.  
     **A61B 5/01** ( 2006.01 )  
     **A61B 18/20** ( 2006.01 )  
 (87) WO2016/154664  
 (31) 2015901207 (32) 02.04.15 (33) AU  
 (43) 06.10.2016  
 (44) 17.09.2020  
 (72) Rogers, Mark John McDonald  
 (74) Madderns Pty Ltd

---

(71) Inhibikase Therapeutics, Inc.  
 (11) AU-B-2016252860  
 (21) 2016252860 (22) 22.04.2016  
 (54) Compositions and methods for inhibiting kinases  
 (51) Int. Cl.  
     **C07D 401/14** ( 2006.01 )  
     **A61K 31/506** ( 2006.01 )  
     **A61P 31/04** ( 2006.01 )  
     **A61P 31/12** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07D 413/14** ( 2006.01 )  
     **C07D 417/14** ( 2006.01 )  
 (87) WO2016/172528  
 (31) 62/151,659 (32) 23.04.15 (33) US  
     62/182,955 22.06.15 US  
 (43) 27.10.2016  
 (44) 17.09.2020  
 (72) Werner, Milton H.; Kelly, Terence A.  
 (74) Pearce IP Pty Ltd

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(71) International Business Machines Corporation  
 (11) AU-B-2017392846  
 (21) 2017392846 (22) 15.12.2017  
 (54) Time-slice-instrumentation facility  
 (51) Int. Cl.  
     **G06F 9/48** ( 2006.01 )  
     **G06F 9/50** ( 2006.01 )  
 (87) WO2018/130375  
 (31) 15/402,412 (32) 10.01.17 (33) US  
 (43) 19.07.2018  
 (44) 17.09.2020  
 (72) Giamei, Bruce Conrad; Schmidt, Donald William; Jacobi, Christian; Saporito, Anthony; Rosa, Daniel  
 (74) Spruson & Ferguson

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(71) International Business Machines Corporation  
 (11) AU-B-2017393885  
 (21) 2017393885 (22) 09.11.2017  
 (54) Conditional branch to an indirectly specified location  
 (51) Int. Cl.  
     **G06F 9/30** ( 2018.01 )  
 (87) WO2018/133966  
 (31) 15/409,614 (32) 19.01.17 (33) US  
 (43) 26.07.2018  
 (44) 17.09.2020  
 (72) Greiner, Dan; Saporito, Anthony; Shum, Chung-Lung; Slegel, Timothy; Jacobi, Christian  
 (74) Spruson & Ferguson

---

(71) Intra-Cellular Therapies, Inc.  
 (11) AU-B-2019229334  
 (21) 2019229334 (22) 10.09.2019  
 (54) SUBSTITUTED HETEROCYCLE FUSED GAMMA-CARBOLINES SYNTHESIS  
 (51) Int. Cl.  
     **C07D 471/00** ( 2006.01 )  
 (43) 03.10.2019  
 (44) 17.09.2020  
 (62) 2018201818  
 (72) Tomesch, John Charles; Li, Peng; Zhang, Qiang; Thompson, Andrew S.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) iRobot Corporation  
 (11) AU-B-2019201524  
 (21) 2019201524 (22) 05.03.2019  
 (54) Autonomous mobile robot  
 (51) Int. Cl.  
     **G05D 1/00** ( 2006.01 )  
     **G05D 1/02** ( 2006.01 )  
 (43) 28.03.2019  
 (44) 17.09.2020  
 (62) 2015241429  
 (72) Balutis, Paul C.  
 (74) Davies Collison Cave Pty Ltd

---

(71) Ishida Co., Ltd.  
 (11) AU-B-2016216967  
 (21) 2016216967 (22) 12.02.2016  
 (54) Measuring packaging system  
 (51) Int. Cl.  
     **B65B 9/20** ( 2006.01 )  
     **B65B 37/18** ( 2006.01 )  
     **G01G 19/387** ( 2006.01 )  
 (87) WO2016/129688  
 (31) 2015-025004 (32) 12.02.15 (33) JP  
 (43) 18.08.2016  
 (44) 17.09.2020  
 (72) Kishikawa, Mikio; Horitani, Yoshiki; Imaaki, Naomi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

---

(71) Israel Aerospace Industries Ltd.  
 (11) AU-B-2019210120  
 (21) 2019210120 (22) 13.01.2019  
 (54) Automatic camera driven aircraft control for radar activation  
 (51) Int. Cl.

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Applications Accepted - Name Index cont'd

- G01S 13/89** ( 2006.01 )  
**G01C 1/02** ( 2006.01 )  
**G01S 17/00** ( 2006.01 )  
**(87)** WO2019/142181  
**(31)** 257010 **(32)** 18.01.18 **(33)** IL  
**(43)** 25.07.2019  
**(44)** 17.09.2020  
**(72)** SABATO, Moshe  
**(74)** Griffith Hack
- 
- (71)** Itec B.V.  
**(11)** AU-B-2016281290  
**(21)** 2016281290 **(22)** 09.06.2016  
**(54)** A drilling rig with a top drive system operable in a drilling mode and a tripping mode  
**(51)** Int. Cl.  
**E21B 3/02** ( 2006.01 )  
**E21B 19/06** ( 2006.01 )  
**(87)** WO2016/204608  
**(31)** 2014988 **(32)** 18.06.15 **(33)** NL  
**(43)** 22.12.2016  
**(44)** 17.09.2020  
**(72)** De Mul, Arthur Alexander; Roodenburg, Joop  
**(74)** Spruson & Ferguson
- 
- (71)** Itron, Inc.  
**(11)** AU-B-2018228866  
**(21)** 2018228866 **(22)** 01.03.2018  
**(54)** Methods and apparatus to analyze recordings in leak detection  
**(51)** Int. Cl.  
**G01M 3/24** ( 2006.01 )  
**(87)** WO2018/160826  
**(31)** 62/466,843 **(32)** 03.03.17 **(33)** US  
 15/589,497 08.05.17 US  
**(43)** 07.09.2018  
**(44)** 17.09.2020  
**(72)** Cole, Philip Alan  
**(74)** Spruson & Ferguson
- 
- (71)** Janssen Biotech, Inc.  
**(11)** AU-B-2019202995  
**(21)** 2019202995 **(22)** 29.04.2019  
**(54)** Palm activated drug delivery device  
**(51)** Int. Cl.  
**A61M 5/20** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**A61M 5/42** ( 2006.01 )  
**A61M 5/48** ( 2006.01 )  
**A61M 5/50** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**(43)** 23.05.2019  
**(44)** 17.09.2020  
**(62)** 2018219991  
**(72)** Olson, Lorin; Vojan, Vaclav; Pfrang, Juergen E.; Krulevitch, Peter; Wang, Jingli; Foley, Nicholas; Zhao, Mingqi; Tashjian, Paul  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Janssen Sciences Ireland UC  
**(11)** AU-B-2018236703  
**(21)** 2018236703 **(22)** 24.09.2018  
**(54)** Pyrimidine derivatives for the treatment of viral infections  
**(51)** Int. Cl.
- 
- C07D 239/48** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(43)** 18.10.2018  
**(44)** 17.09.2020  
**(62)** 2016256732  
**(72)** Mc Gowan, David; Raboisson, Pierre Jean-Marie Bernard; Embrechts, Werner; Jonckers, Tim Hugo Maria; Last, Stefaan Julien; Pieters, Serge Maria Aloysius; Vlach, Jaromir  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Jiangsu Hengrui Medicine Co., Ltd.  
**(11)** AU-B-2015411258  
**(21)** 2015411258 **(22)** 27.11.2015  
**(54)** Alkynyl pyridine prolyl hydroxylase inhibitor, and preparation method and medical use thereof  
**(51)** Int. Cl.  
**C07D 213/81** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**A61P 7/06** ( 2006.01 )  
**(87)** WO2017/059623  
**(31)** 201510648342.9 **(32)** 09.10.15 **(33)** CN  
**(43)** 13.04.2017  
**(44)** 17.09.2020  
**(72)** You, Qidong; Zhang, Xiaojin; Lei, Yonghua; Hu, Tianhan; Wu, Xingsen; Sun, Haopeng; Guo, Xiaoke; Xu, Xiaoli  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.  
**(11)** AU-B-2016357900  
**(21)** 2016357900 **(22)** 02.11.2016  
**(54)** Benzofuran derivative, preparation method thereof and use thereof in medicine  
**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/4433** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2017/084494  
**(31)** 201510800975.7 **(32)** 19.11.15 **(33)** CN  
**(43)** 26.05.2017  
**(44)** 17.09.2020  
**(72)** Lu, Biao; Shen, Xiaodong; He, Mingxun; Liu, Dong; Zhang, Minsheng  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Jiangsu Normal University  
**(11)** AU-B-2018417115  
**(21)** 2018417115 **(22)** 27.06.2018
- 
- (54)** High-efficiency dust removal system and method of pneumatic conveying pipe  
**(51)** Int. Cl.  
**B65G 53/04** ( 2006.01 )  
**(31)** 201810336873.8 **(32)** 16.04.18 **(33)** CN  
**(43)** 31.10.2019  
**(44)** 17.09.2020  
**(72)** Yang, Daolong; Li, Jianping; Xing, Bangsheng; Wang, Yanxiang; Wang, Fansheng; Hu, Ningning; Ma, Wan  
**(74)** Madderns Pty Ltd
- 
- (71)** Jiansu Okani Medical Technology Co., Ltd  
**(11)** AU-B-2015383053  
**(21)** 2015383053 **(22)** 25.09.2015  
**(54)** Total hip surface replacement implant  
**(51)** Int. Cl.  
**A61F 2/32** ( 2006.01 )  
**A61L 27/16** ( 2006.01 )  
**A61L 27/18** ( 2006.01 )  
**(87)** WO2016/127280  
**(31)** 201510070811.3 **(32)** 10.02.15 **(33)** CN  
**(43)** 18.08.2016  
**(44)** 17.09.2020  
**(72)** Zhu, Jack; Xu, Longwei  
**(74)** FB Rice Pty Ltd
- 
- (71)** Joseph Company International, Inc.  
**(11)** AU-B-2016235481  
**(21)** 2016235481 **(22)** 18.03.2016  
**(54)** Self-cooling food or beverage container having a heat exchange unit using liquid carbon dioxide and having a dual function valve  
**(51)** Int. Cl.  
**F25D 3/10** ( 2006.01 )  
**F25D 9/00** ( 2006.01 )  
**(87)** WO2016/154025  
**(31)** 62/136,176 **(32)** 20.03.15 **(33)** US  
**(43)** 29.09.2016  
**(44)** 17.09.2020  
**(72)** Sillince, Mark  
**(74)** In-Legal Limited
- 
- (71)** Kawasaki Jukogyo Kabushiki Kaisha  
**(11)** AU-B-2017385371  
**(21)** 2017385371 **(22)** 27.12.2017  
**(54)** COMBINED POWER GENERATION SYSTEM  
**(51)** Int. Cl.  
**H02J 3/38** ( 2006.01 )  
**H02J 3/04** ( 2006.01 )  
**H02J 3/32** ( 2006.01 )  
**H02J 3/46** ( 2006.01 )  
**H02M 7/48** ( 2007.01 )  
**(87)** WO2018/124221  
**(31)** 2016-255062 **(32)** 28.12.16 **(33)** JP  
**(43)** 05.07.2018  
**(44)** 17.09.2020  
**(72)** Sugimoto, Kazushige; Sakimoto, Kenichi; Hirai, Tomoyuki; Hamano, Shogo; Kobayashi, Shimpei; Hirase, Yuko; Abe, Kensho; Noro, Osamu; Katsura, Shogo; Yoshimura, Eiji  
**(74)** Spruson & Ferguson



Applications Accepted - Name Index cont'd

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2015392989  
 (21) 2015392989 (22) 23.10.2015  
 (54) Method of dispensing a plurality of inter-connected wipes  
 (51) Int. Cl.  
**B65D 83/08** ( 2006.01 )  
**A47K 7/00** ( 2006.01 )  
**A47K 10/42** ( 2006.01 )  
 (87) WO2016/175888  
 (31) 62/154,961 (32) 30.04.15 (33) US  
 (43) 03.11.2016  
 (44) 17.09.2020  
 (72) Price, Kristina Marie; Knight, Sarah Elizabeth; Williamson, Finbarr Charles Ronald; Fulscher, Ryan Leslie; Sosalla, Gerald Keith; Wendrick, Kendell Jean; Turchan, Gary Alan  
 (74) Spruson & Ferguson

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2015408038  
 (21) 2015408038 (22) 31.08.2015  
 (54) Elastic composite and absorbent article including the same  
 (51) Int. Cl.  
**A61F 13/49** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
 (87) WO2017/039599  
 (43) 09.03.2017  
 (44) 17.09.2020  
 (72) Barnes, Nickolas  
 (74) Spruson & Ferguson

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2016361953  
 (21) 2016361953 (22) 29.07.2016  
 (54) Oil absorbent wiping product  
 (51) Int. Cl.  
**B32B 25/10** ( 2006.01 )  
**A47L 13/16** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**B32B 7/04** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )  
 (87) WO2017/095483  
 (31) 62/315,714 (32) 31.03.16 (33) US  
 62/261,652 01.12.15 US  
 (43) 08.06.2017  
 (44) 17.09.2020  
 (72) Chang, Yu-Wen; Macdonald, John Gavin; Kaul, Vikram S.; Doherty, Jennifer L.; Morgan, James R.; Yang, Kaiyuan; Vaughan, Michael R.  
 (74) Spruson & Ferguson

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2016362323  
 (21) 2016362323 (22) 01.12.2016  
 (54) Absorbent and protective composition containing an elastomeric copolymer  
 (51) Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
**C08L 25/10** ( 2006.01 )  
**C08L 53/02** ( 2006.01 )  
**C09D 5/02** ( 2006.01 )  
**C09D 123/08** ( 2006.01 )

**C09D 125/10** ( 2006.01 )  
**C09D 153/02** ( 2006.01 )  
 (87) WO2017/096048  
 (31) 62/261,652 (32) 01.12.15 (33) US  
 (43) 08.06.2017  
 (44) 17.09.2020  
 (72) Macdonald, John Gavin  
 (74) Spruson & Ferguson

(71) Klinikum rechts der Isar der Technischen Universität München  
 (11) AU-B-2015314239  
 (21) 2015314239 (22) 09.09.2015  
 (54) Medical/surgical implant  
 (51) Int. Cl.  
**A61F 2/12** ( 2006.01 )  
**A61B 17/3211** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
 (87) WO2016/038083  
 (31) 14184126.2 (32) 09.09.14 (33) EP  
 (43) 17.03.2016  
 (44) 17.09.2020  
 (72) Hutmacher, Dietmar Werner; Schantz, Jan-Thorsten; Wiggenhauser, Paul Severin; Chhaya, Mohit Prashant  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Kobold, S.; Endres, S.  
 (11) AU-B-2016277883  
 (21) 2016277883 (22) 20.06.2016  
 (54) PD-1-CD28 fusion proteins and their use in medicine  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
 (87) WO2016/203048  
 (31) 15172913.4 (32) 19.06.15 (33) EP  
 (43) 22.12.2016  
 (44) 17.09.2020  
 (72) Kobold, Sebastian; Endres, Stefan  
 (74) Griffith Hack

(71) Kodiak Sciences Inc.  
 (11) AU-B-2015279560  
 (21) 2015279560 (22) 28.06.2015  
 (54) Dual PDGF/VEGF antagonists  
 (51) Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2015/200905  
 (31) 62/018,579 (32) 28.06.14 (33) US  
 (43) 30.12.2015  
 (44) 17.09.2020  
 (72) Perloth, D. Victor; Charles, Stephen A.; Aggen, James; Benoit, Didier; To, Wayne; Mosyak, Lidia; Lin, Laura; Cohen, Justin; Ishino, Tetsuya; Somers, William  
 (74) Davies Collison Cave Pty Ltd

(71) Koninklijke Douwe Egberts B.V.  
 (11) AU-B-2017338598  
 (21) 2017338598 (22) 06.10.2017  
 (54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device  
 (51) Int. Cl.

**B65D 85/804** ( 2006.01 )  
 (87) WO2018/067009  
 (31) 2019254 (32) 14.07.17 (33) NL  
 2017592 07.10.16 NL  
 (43) 12.04.2018  
 (44) 17.09.2020  
 (72) Kamerbeek, Ralf; Groothornte, Arend Hendrik; Dijkstra, Hielke; Van Gaasbeek, Erik Pieter  
 (74) Davies Collison Cave Pty Ltd

(71) Koninklijke Douwe Egberts B.V.  
 (11) AU-B-2017338602  
 (21) 2017338602 (22) 09.10.2017  
 (54) A capsule, a system for preparing a potable beverage from such capsule and use of such a capsule in a beverage preparation device  
 (51) Int. Cl.  
**B65D 85/804** ( 2006.01 )  
 (87) WO2018/067013  
 (31) 2017592 (32) 07.10.16 (33) NL  
 (43) 12.04.2018  
 (44) 17.09.2020  
 (72) Kamerbeek, Ralf; Groothornte, Arend Hendrik; Dijkstra, Hielke; Van Gaasbeek, Erik Pieter  
 (74) Davies Collison Cave Pty Ltd

(71) Koninklijke Philips N.V.  
 (11) AU-B-2019202636  
 (21) 2019202636 (22) 16.04.2019  
 (54) Blade set for hair cutting appliance and method for its manufacture  
 (51) Int. Cl.  
**B26B 19/06** ( 2006.01 )  
 (43) 09.05.2019  
 (44) 17.09.2020  
 (62) 2017208234  
 (72) STAPELBROEK, Martinus Bernardus; VAN DALEN, Jan  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2017371316  
 (21) 2017371316 (22) 11.12.2017  
 (54) Drinking-water supply device and method for controlling same  
 (51) Int. Cl.  
**B67D 1/07** ( 2006.01 )  
**B01D 35/30** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
**B67D 1/12** ( 2006.01 )  
 (87) WO2018/106083  
 (31) 10-2016-0167575 (32) 09.12.16 (33) KR  
 (43) 14.06.2018  
 (44) 17.09.2020  
 (72) Yu, Kiwon; Kim, Youngjin; Baek, Ko-woon; Oh, Kyungsoo  
 (74) Griffith Hack

(71) LG Electronics Inc.  
 (11) AU-B-2017385749  
 (21) 2017385749 (22) 19.12.2017  
 (54) Cleaner  
 (51) Int. Cl.  
**A47L 9/04** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A47L 9/28** ( 2006.01 )  
**(87)** WO2018/124586  
**(31)** 10-2016-0184445 **(32)** 30.12.16 **(33)** KR  
**(43)** 05.07.2018  
**(44)** 17.09.2020  
**(72)** Moon, Sihwan; Sung, Jihoon  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2018282270  
**(21)** 2018282270 **(22)** 26.11.2018  
**(54)** Method for reporting channel state information in wireless communication system and apparatus for the same  
**(51)** Int. Cl.  
**H04B 7/06** ( 2006.01 )  
**(87)** WO/2019103562  
**(31)** 62/615,902 **(32)** 10.01.18 **(33)** US  
 62/621,003 23.01.18 US  
 62/630,224 13.02.18 US  
 10-2018-0040478 06.04.18 KR  
 62/590,399 24.11.17 US  
**(43)** 13.06.2019  
**(44)** 17.09.2020  
**(72)** Kim, Hyungtae; Kang, Jiwon  
**(74)** Davies Collison Cave Pty Ltd

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**Life Science Institute, Inc. see Dezawa, M.**  
**(21)** 2017207154

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**(71)** Lineage Cell Therapeutics, Inc.  
**(11)** AU-B-2018202125  
**(21)** 2018202125 **(22)** 26.03.2018  
**(54)** METHODS OF MODIFYING TRANSCRIPTIONAL REGULATORY NETWORKS IN STEM CELLS  
**(51)** Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**(43)** 19.04.2018  
**(44)** 17.09.2020  
**(62)** 2016201696  
**(72)** WEST, Michael D.; CHAPMAN, Karen B.  
**(74)** FB Rice Pty Ltd

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**LOEFFLER, D. see Arcadia Biosciences, Inc.**  
**(21)** 2018211346

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**(71)** Loon LLC  
**(11)** AU-B-2018258169  
**(21)** 2018258169 **(22)** 25.04.2018  
**(54)** Temporospatial software-defined networking for NGSO satellite networks  
**(51)** Int. Cl.  
**H04L 12/751** ( 2013.01 )  
**H04B 7/185** ( 2006.01 )  
**H04L 12/721** ( 2013.01 )  
**H04L 12/741** ( 2013.01 )  
**H04W 40/04** ( 2009.01 )  
**(87)** WO2018/200690  
**(31)** 62/511,377 **(32)** 26.05.17 **(33)** US  
 15/954,922 17.04.18 US  
 15/497,738 26.04.17 US  
**(43)** 01.11.2018

**(44)** 17.09.2020  
**(72)** Barritt, Brian  
**(74)** Spruson & Ferguson

---

**(71)** Lumenary Inc.  
**(11)** AU-B-2016257164  
**(21)** 2016257164 **(22)** 24.02.2016  
**(54)** Handheld apparatus for vaporization of plant-based or synthetic compounds by laser  
**(51)** Int. Cl.  
**A61M 13/00** ( 2006.01 )  
**C23C 14/28** ( 2006.01 )  
**(87)** WO2016/178098  
**(31)** 62/120,807 **(32)** 25.02.15 **(33)** US  
**(43)** 10.11.2016  
**(44)** 17.09.2020  
**(72)** Schneider, Robert  
**(74)** James & Wells Intellectual Property

---

**(71)** Magseis FF LLC  
**(11)** AU-B-2019202658  
**(21)** 2019202658 **(22)** 16.04.2019  
**(54)** Land based unit for seismic data acquisition  
**(51)** Int. Cl.  
**G01V 1/18** ( 2006.01 )  
**G01V 1/24** ( 2006.01 )  
**(43)** 09.05.2019  
**(44)** 17.09.2020  
**(62)** 2017201589  
**(72)** GUYTON, William; DOWNEY, John C.; RICE, Geoff; NIKIRK, Christopher T.  
**(74)** Spruson & Ferguson

---

**(71)** Masarykova Univerzita; Enantis s.r.o.  
**(11)** AU-B-2016359722  
**(21)** 2016359722 **(22)** 03.10.2016  
**(54)** Thermostable FGF2 polypeptide, use thereof  
**(51)** Int. Cl.  
**C07K 14/50** ( 2006.01 )  
**(87)** WO2017/089016  
**(31)** 15196802.1 **(32)** 27.11.15 **(33)** EP  
**(43)** 01.06.2017  
**(44)** 17.09.2020  
**(72)** Dvorak, Petr; Krejci, Pavel; Balek, Lukas; Eiselleova, Livia; Konecna, Zaneta; Dvorak, Pavel; Bednar, David; Brezovsky, Jan; Sebestova, Eva; Chaloupkova, Radka; Stepankova, Veronika; Vanacek, Pavel; Prokop, Zbynek; Damborsky, Jiri; Bosakova, Michaela  
**(74)** Spruson & Ferguson

---

**(71)** Matisa Materiel Industriel S.A.  
**(11)** AU-B-2016298814  
**(21)** 2016298814 **(22)** 26.07.2016  
**(54)** Railroad renewal method and device for implementing said method  
**(51)** Int. Cl.  
**E01B 29/44** ( 2006.01 )  
**(87)** WO2017/017600  
**(31)** 1557163 **(32)** 27.07.15 **(33)** FR  
**(43)** 02.02.2017  
**(44)** 17.09.2020  
**(72)** Ganz, Jörg  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** MediBeacon Inc.  
**(11)** AU-B-2018354391  
**(21)** 2018354391 **(22)** 26.10.2018  
**(54)** Methods for renal function determination  
**(51)** Int. Cl.  
**C07D 241/20** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**(87)** WO2019/084425  
**(31)** 62/577,951 **(32)** 27.10.17 **(33)** US  
**(43)** 02.05.2019  
**(44)** 17.09.2020  
**(72)** Rajagopalan, Raghavan; Dorshow, Richard B.; Neumann, William L.; Rogers, Thomas E.  
**(74)** Spruson & Ferguson

---

**(71)** Medical Components, Inc.  
**(11)** AU-B-2017234800  
**(21)** 2017234800 **(22)** 17.03.2017  
**(54)** Huber safety needle  
**(51)** Int. Cl.  
**A61M 5/158** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
**(87)** WO2017/161223  
**(31)** 62/310,130 **(32)** 18.03.16 **(33)** US  
 62/407,137 12.10.16 US  
**(43)** 21.09.2017  
**(44)** 17.09.2020  
**(72)** Shimer, Kurt; Gunn, Matthew; Bizup, Raymond  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** MedImmune, LLC  
**(11)** AU-B-2018241107  
**(21)** 2018241107 **(22)** 04.10.2018  
**(54)** ANTIBODIES TO S. AUREUS SURFACE DETERMINANTS  
**(51)** Int. Cl.  
**A61K 39/40** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**G01N 33/554** ( 2006.01 )  
**(43)** 25.10.2018  
**(44)** 17.09.2020  
**(62)** 2013341361  
**(72)** Sellman, Bret; Hua, Lei; Tkaczyk, Christine; Pavlik, Peter; Buonpane, Rebecca; Chang, Chew-Shun; Chowdhury, Partha S.  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Merz Pharma GmbH & Co. KGaA  
**(11)** AU-B-2015220915  
**(21)** 2015220915 **(22)** 18.02.2015  
**(54)** Gangliosides for standardizing and increasing the sensitivity of cells to Botulinum neurotoxins in vitro test systems  
**(51)** Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**C12N 5/0793** ( 2010.01 )  
**(87)** WO2015/124618  
**(31)** 14155726.4 **(32)** 19.02.14 **(33)** EP  
**(43)** 27.08.2015

Applications Accepted - Name Index cont'd

(44) 17.09.2020  
 (72) Eisele, Karl-Heinz; Mander, Gerd  
 (74) Spruson & Ferguson

---

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2015321812  
 (21) 2015321812 (22) 16.09.2015  
 (54) Lending target device resources to host device computing environment  
 (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
 (87) WO2016/048730  
 (31) 14/495,355 (32) 24.09.14 (33) US  
 (43) 31.03.2016  
 (44) 17.09.2020  
 (72) Khoury, Issa Y.; Davis, Darren Ray; Mikkola, Petteri; Threlkeld, Elizabeth Fay; Shipley, Kenton Allen; Moran, Keri Kruse; Balasubramanian, Ramrajprabu; Derks, Patrick  
 (74) Davies Collison Cave Pty Ltd

(71) Mitral Valve Technologies Sàrl  
 (11) AU-B-2019201806  
 (21) 2019201806 (22) 15.03.2019  
 (54) Valve docking devices, systems and methods  
 (51) Int. Cl.  
**A61F 2/06** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (43) 04.04.2019  
 (44) 17.09.2020  
 (62) 2017254819  
 (72) SPENCE, Paul A.; TOMPKINS, Landon H.  
 (74) Spruson & Ferguson

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2016434707  
 (21) 2016434707 (22) 26.12.2016  
 (54) Direct current circuit breaker  
 (51) Int. Cl.  
**H01H 33/08** ( 2006.01 )  
 (87) WO2018/122901  
 (43) 05.07.2018  
 (44) 17.09.2020  
 (72) Nakata, Tomohiro; Kobayashi, Minoru; Tottori, Hiroshi  
 (74) Griffith Hack

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2017413249  
 (21) 2017413249 (22) 08.05.2017  
 (54) Relay control device  
 (51) Int. Cl.  
**H01H 47/04** ( 2006.01 )  
 (87) WO2018/207231  
 (43) 15.11.2018  
 (44) 17.09.2020  
 (72) Watanabe, Yasuhiro  
 (74) Davies Collison Cave Pty Ltd

(71) MJN U.S. Holdings LLC  
 (11) AU-B-2016351456  
 (21) 2016351456 (22) 19.10.2016  
 (54) Nutritional compositions comprising a casein hydrolysate, as well as dietary butyrate

and/or a compound for stimulating formation of endogenous butyrate  
 (51) Int. Cl.  
**A23L 33/10** ( 2016.01 )  
**A23L 33/12** ( 2016.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/18** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61P 37/00** ( 2006.01 )  
 (87) WO2017/083069  
 (31) 14/936,014 (32) 09.11.15 (33) US  
 15/011,797 01.02.16 US  
 14/959,107 04.12.15 US  
 (43) 18.05.2017  
 (44) 17.09.2020  
 (72) Lambers, Teartse Tim; Van Tol, Eric A.F.; Gonzalez, Juan M.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Molecular Templates, Inc.  
 (11) AU-B-2019240612  
 (21) 2019240612 (22) 02.10.2019  
 (54) Protease-cleavage resistant, Shiga toxin A Subunit effector polypeptides and cell-targeted molecules comprising the same  
 (51) Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**C07K 14/245** ( 2006.01 )  
**C07K 14/25** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (43) 17.10.2019  
 (44) 17.09.2020  
 (62) 2015274647  
 (72) Poma, Eric; Willert, Erin; Higgins, Jack; Kim, Jason  
 (74) FPA Patent Attorneys Pty Ltd

(71) Motorola Solutions, Inc.  
 (11) AU-B-2017386981  
 (21) 2017386981 (22) 13.12.2017  
 (54) System and method for varying verbosity of response based on channel properties in a group communication using artificial intelligence  
 (51) Int. Cl.  
**H04L 1/00** ( 2006.01 )  
**G06F 40/00** ( 2020.01 )  
**H04L 12/801** ( 2013.01 )  
**H04W 4/10** ( 2009.01 )  
**H04W 4/90** ( 2018.01 )  
**H04W 76/45** ( 2018.01 )  
**H04W 76/50** ( 2018.01 )  
 (87) WO2018/125568  
 (31) 15/390,816 (32) 27.12.16 (33) US  
 (43) 05.07.2018  
 (44) 17.09.2020  
 (72) Proctor, Lee M.  
 (74) Phillips Ormonde Fitzpatrick

(71) Motorola Solutions, Inc.  
 (11) AU-B-2017386983  
 (21) 2017386983 (22) 13.12.2017  
 (54) System and method for determining timing of response in a group communication using artificial intelligence

(51) Int. Cl.  
**H04W 4/10** ( 2009.01 )  
**H04L 29/06** ( 2006.01 )  
**H04M 3/487** ( 2006.01 )  
**H04W 4/90** ( 2018.01 )  
 (87) WO2018/125570  
 (31) 15/390,830 (32) 27.12.16 (33) US  
 (43) 05.07.2018  
 (44) 17.09.2020  
 (72) Proctor, Lee M.  
 (74) Phillips Ormonde Fitzpatrick

(71) Motorola Solutions, Inc.  
 (11) AU-B-2018269394  
 (21) 2018269394 (22) 27.04.2018  
 (54) Method and apparatus for maintaining mission critical functionality in a portable communication system  
 (51) Int. Cl.  
**H04M 1/725** ( 2006.01 )  
**H04W 88/06** ( 2009.01 )  
 (87) WO2018/212961  
 (31) 15/599,293 (32) 18.05.17 (33) US  
 (43) 22.11.2018  
 (44) 17.09.2020  
 (72) Alfaro, Javier; Fienberg, Kurt S.; Landron, Daniel; Elliott, Kevin D.; Corvino, David; Li, Hua  
 (74) Phillips Ormonde Fitzpatrick

MULLENBERG, J. see Arcadia Biosciences, Inc.  
 (21) 2018211346

(71) Multigate Medical Products Pty Ltd  
 (11) AU-B-2017282721  
 (21) 2017282721 (22) 06.06.2017  
 (54) Suction and irrigation apparatus  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61B 1/015** ( 2006.01 )  
 (87) WO2017/219070  
 (31) 2016902489 (32) 24.06.16 (33) AU  
 (43) 28.12.2017  
 (44) 17.09.2020  
 (72) Spaile, Mark; Liu, Shirley  
 (74) Chrysiliou IP

NantCell, Inc. see Nant Holding IP, LLC  
 (21) 2018219862

(71) Nant Holding IP, LLC; NantCell, Inc.  
 (11) AU-B-2018219862  
 (21) 2018219862 (22) 08.02.2018  
 (54) Maximizing T-cell memory and compositions and methods therefor  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2018/148381  
 (31) 62/455,999 (32) 07.02.17 (33) US  
 (43) 16.08.2018

Applications Accepted - Name Index cont'd

(44) 17.09.2020  
 (72) Rabizadeh, Shahrooz; Niazi, Kayvan;  
 Soon-Shiong, Patrick  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) National Taiwan University  
 (11) AU-B-2015200908  
 (21) 2015200908 (22) 23.02.2015  
 (54) Three-dimensional optical coherence tomo-  
 graphy apparatus and its application

(51) Int. Cl.  
**G02B 21/06** ( 2006.01 )  
**A61B 5/103** ( 2006.01 )  
 (31) 103138372 (32) 05.11.14 (33) TW  
 104104362 09.02.15 TW  
 (43) 19.05.2016  
 (44) 17.09.2020  
 (72) Huang, Sheng-Lung; Ho, Tuan-Shu; Tsai,  
 Chien-Chung  
 (74) Shelston IP Pty Ltd.

(71) NewSouth Innovations Pty Limited  
 (11) AU-B-2015261698  
 (21) 2015261698 (22) 27.11.2015  
 (54) AN OPTRODE DEVICE  
 (51) Int. Cl.  
**A61B 5/05** ( 2006.01 )  
 (43) 15.06.2017  
 (44) 17.09.2020  
 (72) LOVELL, NIGEL; LADOUCEUR, FRAN-  
 COIS  
 (74) Griffith Hack

(71) New York University  
 (11) AU-B-2015289619  
 (21) 2015289619 (22) 16.07.2015  
 (54) Use of hyaluronidase for treatment of  
 muscle stiffness  
 (51) Int. Cl.  
**A61K 38/47** ( 2006.01 )  
 (87) WO2016/011262  
 (31) 62/118,707 (32) 20.02.15 (33) US  
 62/025,257 16.07.14 US  
 (43) 21.01.2016  
 (44) 17.09.2020  
 (72) Raghavan, Preeti; Stecco, Antonio  
 (74) Spruson & Ferguson

(71) Nexus Construction Systems Pty Ltd  
 (11) AU-B-2015230702  
 (21) 2015230702 (22) 21.09.2015  
 (54) SUPPORT FOR PRE-CAST CONCRETE  
 SLABS  
 (51) Int. Cl.  
**E04C 5/18** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
 (31) 2014904397 (32) 03.11.14 (33) AU  
 (43) 19.05.2016  
 (44) 17.09.2020  
 (72) Hilbert, Mark  
 (74) Spruson & Ferguson

(71) Nichiha Corporation  
 (11) AU-B-2018232364  
 (21) 2018232364 (22) 07.03.2018

(54) WALL-MATERIAL MOUNTING MEM-  
 BER AND WALL STRUCTURE  
 (51) Int. Cl.  
**E04F 13/08** ( 2006.01 )  
 (87) WO2018/164183  
 (31) 2017-044666 (32) 09.03.17 (33) JP  
 (43) 13.09.2018  
 (44) 17.09.2020  
 (72) Sawada, Youhei  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

Nihon Medi-Physics Co., Ltd. see GE Health-  
 care Limited  
 (21) 2016344537

(71) Ningbo Fotile Kitchen Ware Co., Ltd.  
 (11) AU-B-2017388081  
 (21) 2017388081 (22) 05.09.2017  
 (54) Intelligent range hood and control method  
 therefor  
 (51) Int. Cl.  
**F24C 15/20** ( 2006.01 )  
 (87) WO2018/120260  
 (31) 201611243984.1 (32) 29.12.16 (33) CN  
 (43) 05.07.2018  
 (44) 17.09.2020  
 (72) Ye, Feng; Zhang, Jing; Luo, Zhaozhan;  
 Shen, Zhixian; Mao, Zhongqun; Zhu,  
 Yongding  
 (74) Shelston IP Pty Ltd.

(71) Ningbo Junxing Daily Commodity Co.,  
 Ltd.  
 (11) AU-B-2019202252  
 (21) 2019202252 (22) 02.04.2019  
 (54) a portable thermostatic water cup  
 (51) Int. Cl.  
**A47J 27/21** ( 2006.01 )  
**A44C 17/00** ( 2006.01 )  
**A47J 31/54** ( 2006.01 )  
 (31) 2019102209527 (32) 22.03.19 (33) CN  
 (43) 17.09.2020  
 (44) 17.09.2020  
 (72) Cui, Jiejie  
 (74) Ningbo Junxing Daily Commodity Co.,  
 Ltd.

(71) NKT HV Cables AB  
 (11) AU-B-2015397106  
 (21) 2015397106 (22) 02.06.2015  
 (54) A rigid joint assembly  
 (51) Int. Cl.  
**H02G 15/103** ( 2006.01 )  
**H02G 15/14** ( 2006.01 )  
 (87) WO2016/192778  
 (43) 08.12.2016  
 (44) 17.09.2020  
 (72) León-Guarena, Armando; Tyrberg, An-  
 dreas; Ekholm, Henrik  
 (74) Griffith Hack

(71) Northwest Biotherapeutics, Inc.  
 (11) AU-B-2018260971  
 (21) 2018260971 (22) 09.11.2018

(54) Administration of dendritic cells partially  
 matured in vitro for the treatment of tumors  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C12N 5/0784** ( 2010.01 )  
 (43) 29.11.2018  
 (44) 17.09.2020  
 (62) 2016228284  
 (72) BOSCH, Marnix L.  
 (74) Spruson & Ferguson

(71) Novartis AG  
 (11) AU-B-2017283787  
 (21) 2017283787 (22) 13.06.2017  
 (54) Methods for treating disease using inhib-  
 itors of bone morphogenetic protein 6  
 (BMP6)  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (87) WO2017/216724  
 (31) 62/350,257 (32) 15.06.16 (33) US  
 (43) 21.12.2017  
 (44) 17.09.2020  
 (72) Cong, Feng; Dietrich, William; George,  
 Nathalie; Liu, Dong; Schachter, Asher;  
 Soni, Aditi; Zhou, Jing  
 (74) Davies Collison Cave Pty Ltd

(71) Novelis Inc.  
 (11) AU-B-2017335675  
 (21) 2017335675 (22) 27.09.2017  
 (54) Pre-ageing systems and methods using  
 magnetic heating  
 (51) Int. Cl.  
**H05B 6/06** ( 2006.01 )  
**H05B 6/10** ( 2006.01 )  
 (87) WO2018/064136  
 (31) 62/505,948 (32) 14.05.17 (33) US  
 62/400,426 27.09.16 US  
 (43) 05.04.2018  
 (44) 17.09.2020  
 (72) Custers, David Michael  
 (74) Davies Collison Cave Pty Ltd

(71) Numa-Beaujour, S.  
 (11) AU-B-2016238618  
 (21) 2016238618 (22) 24.03.2016  
 (54) Intermodal container reducing the pollution  
 of the environment  
 (51) Int. Cl.  
**B65D 88/12** ( 2006.01 )  
**B65D 90/00** ( 2006.01 )  
**B65D 90/22** ( 2006.01 )  
 (87) WO2016/151258  
 (31) 1552496 (32) 25.03.15 (33) FR  
 (43) 29.09.2016  
 (44) 17.09.2020  
 (72) Numa-Beaujour, Sylvia  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

Applications Accepted - Name Index cont'd

- (71) Oceaneering International, Inc.  
 (11) AU-B-2019200025  
 (21) 2019200025 (22) 03.01.2019  
 (54) TRACKLESS DARK RIDE VEHICLE, SYSTEM AND METHOD  
 (51) Int. Cl.  
**G09B 9/02** ( 2006.01 )  
 (43) 24.01.2019  
 (44) 17.09.2020  
 (62) 2016269537  
 (72) Foster, Samuel T.; Boshears, Michael Wayne; Grant, Andrew; Hass, Frank Peter; Jennings, Clifford Allen; King, Eric Arthur; Kroschwitz, Kenneth Thomas; Malghan, Suhas Subhaschandra; Sywak, Stephen A.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Omnicell, Inc.  
 (11) AU-B-2018256576  
 (21) 2018256576 (22) 31.10.2018  
 (54) System and method for user access of dispensing unit  
 (51) Int. Cl.  
**G06F 7/04** ( 2006.01 )  
**G06F 12/00** ( 2006.01 )  
 (43) 22.11.2018  
 (44) 17.09.2020  
 (62) 2016253614  
 (72) Chai, Andrew; Cohen, Dan; Kasaaiian, Joy; Thieme, Michael; Metzger, Justin; Cartright, Jennifer  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) OncoDiag  
 (11) AU-B-2014352012  
 (21) 2014352012 (22) 18.11.2014  
 (54) Methods for the surveillance, diagnosis and screening of bladder cancer  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (87) WO2015/075027  
 (31) 13306580.5 (32) 19.11.13 (33) EP  
 (43) 28.05.2015  
 (44) 17.09.2020  
 (72) Roperch, Jean-Pierre  
 (74) Spruson & Ferguson
- 
- Orotech NV see Universiteit Gent  
 (21) 2016221774
- 
- (71) OtiTopic Inc.  
 (11) AU-B-2020203437  
 (21) 2020203437 (22) 26.05.2020  
 (54) Dry powder formulations for inhalation  
 (51) Int. Cl.  
**A61K 9/14** ( 2006.01 )  
 (43) 11.06.2020  
 (44) 17.09.2020  
 (62) 2015296142  
 (72) Yadidi, Kambiz  
 (74) Shelston IP Pty Ltd.
- 
- (71) OVD Kinegram AG  
 (11) AU-B-2015306295  
 (21) 2015306295 (22) 11.08.2015

- (54) Transfer film and method for producing a transfer film  
 (51) Int. Cl.  
**B41M 3/12** ( 2006.01 )  
**B41M 3/14** ( 2006.01 )  
**B41M 5/025** ( 2006.01 )  
**B41M 5/34** ( 2006.01 )  
**B42D 25/29** ( 2014.01 )  
**B42D 25/328** ( 2014.01 )  
**B42D 25/36** ( 2014.01 )  
**B42D 25/364** ( 2014.01 )  
**B42D 25/378** ( 2014.01 )  
**B42D 25/455** ( 2014.01 )  
**B42D 25/46** ( 2014.01 )  
**B44C 1/17** ( 2006.01 )  
**B44F 1/08** ( 2006.01 )  
**B44F 1/14** ( 2006.01 )  
 (87) WO2016/026731  
 (31) 10 2014 112 073.6 (32) 22.08.14 (33) DE  
 (43) 25.02.2016  
 (44) 17.09.2020  
 (72) Staub, Rene; Streb, Christina; Hoffmann, Michael; Gnos, Reto  
 (74) Spruson & Ferguson
- 
- (71) Oxford BioDynamics PLC  
 (11) AU-B-2018344573  
 (21) 2018344573 (22) 01.10.2018  
 (54) Biomarker  
 (51) Int. Cl.  
**C12Q 1/6827** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
 (87) WO2019/069067  
 (31) 62/566,756 (32) 02.10.17 (33) US  
 (43) 11.04.2019  
 (44) 17.09.2020  
 (72) AKOULITCHEV, Alexandre; RAMA-DASS, Aroul Selvam; HUNTER, Ewan; SALTER, Matthew  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Pharmacyclics LLC.  
 (11) AU-B-2016270907  
 (21) 2016270907 (22) 02.06.2016  
 (54) Inhibitors of Bruton's tyrosine kinase  
 (51) Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
 (87) WO2016/196776  
 (31) 62/169,935 (32) 02.06.15 (33) US  
 62/169,941 02.06.15 US  
 62/249,340 01.11.15 US  
 62/249,338 01.11.15 US  
 62/169,945 02.06.15 US  
 62/249,336 01.11.15 US  
 (43) 08.12.2016  
 (44) 17.09.2020  
 (72) Atallah, Gordana Babic; Chen, Wei; Jia, Zhaozhong J.; Pozzan, Alfonso; Raveglia, Lucal Francesco; Zanaletti, Riccardo  
 (74) Spruson & Ferguson
- 
- (71) Phenex Pharmaceuticals AG  
 (11) AU-B-2018216955  
 (21) 2018216955 (22) 01.02.2018

- (54) Aryl hydrocarbon receptor (AhR) modulator compounds  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2018/141855  
 (31) 17000157.2 (32) 01.02.17 (33) EP  
 (43) 09.08.2018  
 (44) 17.09.2020  
 (72) Steeneck, Christoph; Deuschle, Ulrich; Albers, Michael; Hoffmann, Thomas  
 (74) FB Rice Pty Ltd
- 
- (71) poLight ASA  
 (11) AU-B-2015289046  
 (21) 2015289046 (22) 17.07.2015  
 (54) A tunable microlens with a variable structure element  
 (51) Int. Cl.  
**G02B 3/14** ( 2006.01 )  
**G02B 26/08** ( 2006.01 )  
**H01L 41/08** ( 2006.01 )  
 (87) WO2016/009078  
 (31) 14177688.0 (32) 18.07.14 (33) EP  
 14177684.9 18.07.14 EP  
 (43) 21.01.2016  
 (44) 17.09.2020  
 (72) Phair, John; Spatscheck, Thomas; Kartashov, Vladimir  
 (74) Baldwins Intellectual Property
- 
- (71) Polyphor AG  
 (11) AU-B-2016235590  
 (21) 2016235590 (22) 23.03.2016  
 (54) Beta-hairpin peptidomimetics  
 (51) Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**C07K 7/60** ( 2006.01 )  
**C07K 7/64** ( 2006.01 )  
 (87) WO2016/150576  
 (31) 15000843.1 (32) 23.03.15 (33) EP  
 (43) 29.09.2016  
 (44) 17.09.2020  
 (72) Obrecht, Daniel; Luther, Anatol; Bernardini, Francesca; Zbinden, Peter; Lederer, Alexander  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) President and Fellows of Harvard College  
 (11) AU-B-2019200494  
 (21) 2019200494 (22) 24.01.2019  
 (54) MACROLIDES AND METHODS OF THEIR PREPARATION AND USE  
 (51) Int. Cl.  
**C07H 17/08** ( 2006.01 )  
**A01N 43/02** ( 2006.01 )  
**A61K 31/7056** ( 2006.01 )  
 (43) 14.02.2019  
 (44) 17.09.2020  
 (62) 2014248014  
 (72) Myers, Andrew G.; Seiple, Ian Bass; Zhang, Ziyang  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

(71) Prysman S.p.A.  
 (11) AU-B-2014405826  
 (21) 2014405826 (22) 12.09.2014  
 (54) Fire resistant cable with ceramifiable layer  
 (51) Int. Cl.  
*H01B 13/14* ( 2006.01 )  
*H01B 7/295* ( 2006.01 )  
 (87) WO2016/038427  
 (43) 17.03.2016  
 (44) 17.09.2020  
 (72) Scrima, Vito; Tosi, Fabio  
 (74) Davies Collison Cave Pty Ltd

---

(71) Qualcomm Incorporated  
 (11) AU-B-2017209047  
 (21) 2017209047 (22) 18.01.2017  
 (54) Techniques for providing uplink-based mobility  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
*H04W 36/30* ( 2009.01 )  
 (87) WO2017/127440  
 (31) 15/192,513 (32) 24.06.16 (33) US  
 62/280,920 20.01.16 US  
 (43) 27.07.2017  
 (44) 17.09.2020  
 (72) Kubota, Keiichi; Horn, Gavin Bernard; Ji, Tingfang; Soriaga, Joseph Binamira; Azarian Yazdi, Kambiz; Tavildar, Saurabha Rangrao  
 (74) Madderns Pty Ltd

---

(71) Qualcomm Incorporated  
 (11) AU-B-2017258597  
 (21) 2017258597 (22) 27.03.2017  
 (54) Uplink transmit power control after beam change  
 (51) Int. Cl.  
*H04W 52/42* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2017/189140  
 (31) 15/355,647 (32) 18.11.16 (33) US  
 62/329,189 28.04.16 US  
 (43) 02.11.2017  
 (44) 17.09.2020  
 (72) Islam, Muhammad Nazmul; Luo, Tao; Cezanne, Juergen; Subramanian, Sundar; Li, Junyi  
 (74) Madderns Pty Ltd

---

(71) Qualcomm Incorporated  
 (11) AU-B-2017271954  
 (21) 2017271954 (22) 17.04.2017  
 (54) System and method for beam switching and reporting  
 (51) Int. Cl.  
*H04B 7/0417* ( 2017.01 )  
*H04B 7/0452* ( 2017.01 )  
*H04B 7/06* ( 2006.01 )  
*H04W 74/08* ( 2009.01 )  
 (87) WO2017/204933  
 (31) 62/342,174 (32) 26.05.16 (33) US  
 15/488,394 14.04.17 US  
 62/343,798 31.05.16 US  
 (43) 30.11.2017  
 (44) 17.09.2020  
 (72) Islam, Muhammad Nazmul; Sadiq, Bilal; Luo, Tao; Subramanian, Sundar; Li, Junyi  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2017277570  
 (21) 2017277570 (22) 12.05.2017  
 (54) RACH design for beamformed communications  
 (51) Int. Cl.  
*H04W 74/08* ( 2009.01 )  
*H04B 7/00* ( 2006.01 )  
 (87) WO2017/213797  
 (31) 15/433,738 (32) 15.02.17 (33) US  
 62/348,797 10.06.16 US  
 (43) 14.12.2017  
 (44) 17.09.2020  
 (72) Akkarakaran, Sony; Luo, Tao; Islam, Muhammad Nazmul; Sadiq, Bilal  
 (74) Madderns Pty Ltd

---

(71) Qualcomm Incorporated  
 (11) AU-B-2017335889  
 (21) 2017335889 (22) 28.09.2017  
 (54) Use of reference signals to improve user equipment (UE) warm-up before transitioning from an off duration of the UE to an on duration of the UE with respect to a radio frequency spectrum band  
 (51) Int. Cl.  
*H04W 48/08* ( 2009.01 )  
*H04L 5/00* ( 2006.01 )  
 (87) WO2018/064369  
 (31) 15/717,713 (32) 27.09.17 (33) US  
 62/417,171 03.11.16 US  
 62/403,018 30.09.16 US  
 (43) 05.04.2018  
 (44) 17.09.2020  
 (72) Ang, Peter Pui Lok; Mukkavilli, Krishna Kiran; Challa, Raghu; Yang, Yang; Gorokhov, Alexei Yurievitch; Ji, Tingfang; Soriaga, Joseph Binamira; Lee, Heechoon  
 (74) Madderns Pty Ltd

---

(71) Quanta Associates, L.P.  
 (11) AU-B-2016246066  
 (21) 2016246066 (22) 08.04.2016  
 (54) Conductor as a tool  
 (51) Int. Cl.  
*H01B 7/00* ( 2006.01 )  
*H01H 50/54* ( 2006.01 )  
*H02G 1/02* ( 2006.01 )  
*H02G 1/04* ( 2006.01 )  
 (87) WO2016/164836  
 (31) 62/145,354 (32) 09.04.15 (33) US  
 (43) 13.10.2016  
 (44) 17.09.2020  
 (72) Wabnegger, David Karl; O'Connell, Daniel Neil; Palmer, Robert Wayne; Greer, Jody Milton  
 (74) AJ PARK

---

(71) Quidient, LLC  
 (11) AU-B-2017250112  
 (21) 2017250112 (22) 11.04.2017  
 (54) Quotidian scene reconstruction engine  
 (51) Int. Cl.  
*H04N 5/225* ( 2006.01 )  
*G02B 1/08* ( 2006.01 )  
*G06T 7/55* ( 2017.01 )

*G06T 7/557* ( 2017.01 )  
*G06T 9/40* ( 2006.01 )  
*H04N 5/76* ( 2006.01 )  
 (87) WO2017/180615  
 (31) 62/427,603 (32) 29.11.16 (33) US  
 62/371,494 05.08.16 US  
 62/352,379 20.06.16 US  
 62/456,397 08.02.17 US  
 62/430,804 06.12.16 US  
 62/420,797 11.11.16 US  
 62/321,564 12.04.16 US  
 (43) 19.10.2017  
 (44) 17.09.2020  
 (72) Ackerson, David Scott; Meagher, Donald J.; Leffingwell, John K.; Daniilidis, Kostas  
 (74) Griffith Hack

---

(71) Quzhou Guanding Eyewear Co., Ltd.  
 (11) AU-B-2019202059  
 (21) 2019202059 (22) 25.03.2019  
 (54) A contact lens case with a self-cleaning function  
 (51) Int. Cl.  
*A45C 11/00* ( 2006.01 )  
*A45C 13/02* ( 2006.01 )  
*G02C 11/08* ( 2006.01 )  
 (31) 2019101935095 (32) 14.03.19 (33) CN  
 (43) 17.09.2020  
 (44) 17.09.2020  
 (72) Wu, Xiaoxiao  
 (74) Quzhou Guanding Eyewear Co., Ltd.

---

(71) Radwisp Pte.Ltd.  
 (11) AU-B-2017299238  
 (21) 2017299238 (22) 28.02.2017  
 (54) Diagnostic assistance program  
 (51) Int. Cl.  
*A61B 6/00* ( 2006.01 )  
 (87) WO2018/016113  
 (31) 2016-141658 (32) 19.07.16 (33) JP  
 (43) 25.01.2018  
 (44) 17.09.2020  
 (72) Takehiko, Abe; Norifumi, Yoshida  
 (74) Davies Collison Cave Pty Ltd

---

(71) Raytheon Company  
 (11) AU-B-2019231761  
 (21) 2019231761 (22) 08.03.2019  
 (54) Demodulation of phase modulated signals using threshold detection  
 (51) Int. Cl.  
*H04B 10/67* ( 2013.01 )  
 (87) WO2019/173662  
 (31) 62/640,830 (32) 09.03.18 (33) US  
 (43) 12.09.2019  
 (44) 17.09.2020  
 (72) GRACEFFO, Gary M.; KOWALEVICZ, Andrew; DOLGIN, Benjamin P.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Redekop, J.  
 (11) AU-B-2016204950  
 (21) 2016204950 (22) 14.07.2016  
 (54) LAND ROLLER WITH CHOPPING BLADES  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**A01D 34/44** ( 2006.01 )  
**(31)** 62/250,141 **(32)** 03.11.15 **(33)** CA  
**(43)** 18.05.2017  
**(44)** 17.09.2020  
**(72)** Redekop, Johan  
**(74)** IP Gateway Patent and Trade Mark Attorneys Pty Ltd

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-B-2014321187  
**(21)** 2014321187 **(22)** 23.09.2014  
**(54)** Non-human animals having a humanized signal-regulatory protein gene  
**(51)** Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(87)** WO2015/042557  
**(31)** 61/881,261 **(32)** 23.09.13 **(33)** US  
**(43)** 26.03.2015  
**(44)** 17.09.2020  
**(72)** Murphy, Andrew J.; Thurston, O. Gavin; Varghese, Bindu; Gurer, Cagan  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-B-2014335877  
**(21)** 2014335877 **(22)** 14.10.2014  
**(54)** High resolution allele identification  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2015/056103  
**(31)** 61/891,193 **(32)** 15.10.13 **(33)** US  
**(43)** 23.04.2015  
**(44)** 17.09.2020  
**(72)** Bai, Yu; Fury, Wen  
**(74)** FB Rice Pty Ltd

**(71)** Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology  
**(11)** AU-B-2018253544  
**(21)** 2018253544 **(22)** 24.10.2018  
**(54)** Methods for treating or preventing asthma by administering an IL-4R antagonist  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(43)** 22.11.2018  
**(44)** 17.09.2020  
**(62)** 2013305945  
**(72)** Ardeleanu, Marius; Gandhi, Namita; Graham, Neil; Kirkesseli, Stephane C.; Kundu, Sudeep; Radin, Allen; Rocklin, Ross E.; Weinstein, Steven; Davidson Hamilton, Jennifer; Ming, Jeffrey  
**(74)** Griffith Hack

**(71)** Repairon GmbH  
**(11)** AU-B-2014323098  
**(21)** 2014323098 **(22)** 19.09.2014  
**(54)** A method to direct differentiation of pluripotent stem cells into functional heart muscle  
**(51)** Int. Cl.  
**C12N 5/077** ( 2010.01 )  
**(87)** WO2015/040142

**(31)** 13185344.2 **(32)** 20.09.13 **(33)** EP  
**(43)** 26.03.2015  
**(44)** 17.09.2020  
**(72)** Zimmermann, Wolfram-Hubertus; Hudson, James; Tiburcy, Malte  
**(74)** Spruson & Ferguson

**(71)** Research Triangle Institute  
**(11)** AU-B-2017246706  
**(21)** 2017246706 **(22)** 23.03.2017  
**(54)** Neuropeptide s receptor (NPSR) agonists  
**(51)** Int. Cl.  
**C07C 235/40** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**C07D 211/06** ( 2006.01 )  
**(87)** WO2017/176461  
**(31)** 62/318,042 **(32)** 04.04.16 **(33)** US  
**(43)** 12.10.2017  
**(44)** 17.09.2020  
**(72)** Runyon, Scott; Hassler, Carla; Shiner, Craig; Narayanan, Sanju  
**(74)** WRAYS PTY LTD

**(71)** Revelant IP Holdings LLC  
**(11)** AU-B-2017297505  
**(21)** 2017297505 **(22)** 13.07.2017  
**(54)** Band-pass filter  
**(51)** Int. Cl.  
**B01D 9/00** ( 2006.01 )  
**C13K 1/10** ( 2006.01 )  
**G03G 15/04** ( 2006.01 )  
**(87)** WO2018/013817  
**(31)** 62/367,430 **(32)** 27.07.16 **(33)** US  
 62/361,654 13.07.16 US  
 62/502,016 07.05.17 US  
**(43)** 18.01.2018  
**(44)** 17.09.2020  
**(72)** Krummel, Amber T.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Rezolute, Inc.  
**(11)** AU-B-2016270302  
**(21)** 2016270302 **(22)** 19.05.2016  
**(54)** Amine pegylation methods for the preparation of site-specific protein conjugates  
**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**C07K 14/62** ( 2006.01 )  
**(87)** WO2016/196017  
**(31)** 62/170,933 **(32)** 04.06.15 **(33)** US  
**(43)** 08.12.2016  
**(44)** 17.09.2020  
**(72)** Rosendahl, Mary S.; Mantripragada, Sankaram B.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Rigdeluge Global Limited  
**(11)** AU-B-2019204135  
**(21)** 2019204135 **(22)** 13.06.2019  
**(54)** Filter  
**(51)** Int. Cl.  
**A62C 31/00** ( 2006.01 )  
**A62C 31/02** ( 2006.01 )  
**A62C 35/68** ( 2006.01 )  
**B01D 35/02** ( 2006.01 )

**B05B 15/00** ( 2006.01 )  
**F23K 5/18** ( 2006.01 )  
**(43)** 04.07.2019  
**(44)** 17.09.2020  
**(62)** 2015242360  
**(72)** Garden, Ian  
**(74)** WADESON

**(71)** Ring Inc.  
**(11)** AU-B-2016258199  
**(21)** 2016258199 **(22)** 06.05.2016  
**(54)** Wireless audio/video recording and communication doorbells with integrated image sensor/button  
**(51)** Int. Cl.  
**G08B 13/189** ( 2006.01 )  
**G08B 13/19** ( 2006.01 )  
**G08B 13/194** ( 2006.01 )  
**(87)** WO2016/179570  
**(31)** 15/148,981 **(32)** 06.05.16 **(33)** US  
 62/158,035 07.05.15 US  
**(43)** 10.11.2016  
**(44)** 17.09.2020  
**(72)** Siminoff, James  
**(74)** FB Rice Pty Ltd

**(71)** Rogers, G.; Honey Badger International Pty Ltd  
**(11)** AU-B-2018217279  
**(21)** 2018217279 **(22)** 16.08.2018  
**(54)** ENERGY GENERATION LOAD COMPENSATION  
**(51)** Int. Cl.  
**H02S 10/00** ( 2014.01 )  
**G01R 11/00** ( 2006.01 )  
**G05B 13/00** ( 2006.01 )  
**G05F 5/00** ( 2006.01 )  
**(43)** 06.09.2018  
**(44)** 17.09.2020  
**(62)** 2014252704  
**(72)** Rogers, Gregory Neville  
**(74)** Murray Trento & Associates Pty Ltd

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2015418568

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2015322327  
**(21)** 2015322327 **(22)** 21.09.2015  
**(54)** Apparatus and method for identifying object  
**(51)** Int. Cl.  
**G06F 3/046** ( 2006.01 )  
**G06F 3/0354** ( 2013.01 )  
**G06F 3/048** ( 2006.01 )  
**(87)** WO2016/047976  
**(31)** 10-2014-0127720 **(32)** 24.09.14 **(33)** KR  
**(43)** 31.03.2016  
**(44)** 17.09.2020  
**(72)** Lee, Joo-Hoon; Jeong, Jin-Hong; Lee, Ki-Huk  
**(74)** Griffith Hack

**(71)** Sandvik Intellectual Property AB  
**(11)** AU-B-2016236531

Applications Accepted - Name Index cont'd

(21) 2016236531 (22) 25.02.2016  
 (54) Cutter for boring head  
 (51) Int. Cl.  
*E21B 10/24* ( 2006.01 )  
 (87) WO2016/150643  
 (31) 15160819.7 (32) 25.03.15 (33) EP  
 (43) 29.09.2016  
 (44) 17.09.2020  
 (72) Lindblom, Anders; Loikkanen, Joonas  
 (74) Griffith Hack

(71) Sangamo Therapeutics, Inc.  
 (11) AU-B-2014346424  
 (21) 2014346424 (22) 11.11.2014  
 (54) Methods and compositions for treating Huntington's Disease  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
 (87) WO2015/070212  
 (31) 61/902,704 (32) 11.11.13 (33) US  
 (43) 14.05.2015  
 (44) 17.09.2020  
 (72) Zhang, H. Steve  
 (74) WRAYS PTY LTD

Sanofi Biotechnology see Regeneron Pharmaceuticals Inc.  
 (21) 2018253544

(71) Sea6 Energy Pvt. Ltd.  
 (11) AU-B-2016261722  
 (21) 2016261722 (22) 09.05.2016  
 (54) A biostimulant formulation for improving plant growth and uses thereof  
 (51) Int. Cl.  
*A01N 65/03* ( 2009.01 )  
*C05F 11/00* ( 2006.01 )  
*C08B 37/00* ( 2006.01 )  
 (87) WO2016/181411  
 (31) 2364/CHE/2015 (32) 10.05.15 (33) IN  
 (43) 17.11.2016  
 (44) 17.09.2020  
 (72) Nori, Sri Sailaja; Kumar, Sawan; Khandelwal, Sachin; Suryanarayan, Shrikumar  
 (74) FB Rice Pty Ltd

(71) Seattle Genetics, Inc.  
 (11) AU-B-2014369019  
 (21) 2014369019 (22) 19.12.2014  
 (54) Methylene carbamate linkers for use with targeted-drug conjugates  
 (51) Int. Cl.  
*A61K 47/60* ( 2017.01 )  
 (87) WO2015/095755  
 (31) 103144705 (32) 19.12.14 (33) TW  
 61/918,539 19.12.13 US  
 (43) 25.06.2015  
 (44) 17.09.2020  
 (72) Kolakowski, Robert; Jeffrey, Scott; Burke, Patrick  
 (74) Spruson & Ferguson

(71) ServiceNow, Inc.  
 (11) AU-B-2019205025  
 (21) 2019205025 (22) 12.07.2019

(54) Systems and methods for comparing computer scripts  
 (51) Int. Cl.  
*G06F 16/174* ( 2019.01 )  
*G06F 16/36* ( 2019.01 )  
 (31) 16/036,609 (32) 16.07.18 (33) US  
 (43) 30.01.2020  
 (44) 17.09.2020  
 (72) Durvasula, Sreenivas; Saha, Pradodh; Barthipudi, Venkata Naga Manoj; Mohanty, Amitav  
 (74) FPA Patent Attorneys Pty Ltd

(71) Shanghai Clear Fluid Biomedical Science Co., Ltd.  
 (11) AU-B-2017293023  
 (21) 2017293023 (22) 29.06.2017  
 (54) Novel natural protein and application thereof  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 15/12* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )  
*C12N 15/861* ( 2006.01 )  
*C12N 15/867* ( 2006.01 )  
 (87) WO2018/006750  
 (31) 201610519038.9 (32) 04.07.16 (33) CN  
 (43) 11.01.2018  
 (44) 17.09.2020  
 (72) Zhang, Yinghao; Fu, Jingpeng; Wan, Jia  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

Shanghai Hengrui Pharmaceutical Co., Ltd. see Jiangsu Hengrui Medicine Co., Ltd.  
 (21) 2016357900

(71) Shell Internationale Research Maatschappij B.V.  
 (11) AU-B-2018241077  
 (21) 2018241077 (22) 03.10.2018  
 (54) Methane oxidation catalyst, process to prepare the same and method of using the same  
 (51) Int. Cl.  
*B01J 37/02* ( 2006.01 )  
*B01D 53/94* ( 2006.01 )  
*B01J 21/06* ( 2006.01 )  
*B01J 23/38* ( 2006.01 )  
*B01J 23/44* ( 2006.01 )  
*B01J 35/00* ( 2006.01 )  
*B01J 35/10* ( 2006.01 )  
*B01J 37/04* ( 2006.01 )  
*B01J 37/08* ( 2006.01 )  
*B01J 37/10* ( 2006.01 )

(43) 25.10.2018  
 (44) 17.09.2020  
 (62) 2016227718  
 (72) TANEV, Peter Tanev; SOORHOLTZ, Mario  
 (74) Spruson & Ferguson

(71) Shenzhen Hightide Biopharmaceutical, Ltd.  
 (11) AU-B-2018241212  
 (21) 2018241212 (22) 08.10.2018  
 (54) Compositions and methods of using islet neogenesis peptides and analogs thereof  
 (51) Int. Cl.  
*C07K 7/08* ( 2006.01 )  
*A61K 38/10* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*C07K 7/02* ( 2006.01 )  
 (43) 29.11.2018  
 (44) 17.09.2020  
 (62) 2014231444  
 (72) Liu, Liping; Bai, Ru  
 (74) FB Rice Pty Ltd

(71) Shijiazhuang No. 4 Pharmaceutical Co., Ltd.  
 (11) AU-B-2016425880  
 (21) 2016425880 (22) 08.11.2016  
 (54) Naphthyridine compound, pharmaceutical composition and use thereof  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/4709* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2018/064852  
 (31) 201610880102.6 (32) 09.10.16 (33) CN  
 (43) 12.04.2018  
 (44) 17.09.2020  
 (72) Huang, Wei  
 (74) Griffith Hack

SLADE, A. see Arcadia Biosciences, Inc.  
 (21) 2018211346

(71) Société des Produits Nestlé S.A.  
 (11) AU-B-2016307911  
 (21) 2016307911 (22) 05.08.2016  
 (54) Semi-moist food compositions that maintain soft texture  
 (51) Int. Cl.  
*A23K 20/142* ( 2016.01 )  
*A23K 40/25* ( 2016.01 )  
*A23L 29/00* ( 2016.01 )  
*A23P 30/20* ( 2016.01 )  
 (87) WO2017/029575  
 (31) 62/205,237 (32) 14.08.15 (33) US  
 (43) 23.02.2017  
 (44) 17.09.2020  
 (72) Pibarot, Patrick; Reynes, Pierre  
 (74) Shelston IP Pty Ltd.

(71) Solural Pharma ApS  
 (11) AU-B-2015276202  
 (21) 2015276202 (22) 17.06.2015  
 (54) Solid oral dosage form of lipophilic compounds  
 (51) Int. Cl.  
*A61K 9/107* ( 2006.01 )  
*A23L 33/00* ( 2016.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )



Applications Accepted - Name Index cont'd

**A61K 31/58** ( 2006.01 )  
**A61K 47/14** ( 2006.01 )  
**A61K 47/44** ( 2006.01 )  
**(87)** WO2015/193380  
**(31)** 14173067.1 **(32)** 19.06.14 **(33)** EP  
**(43)** 23.12.2015  
**(44)** 17.09.2020  
**(72)** Hojgaard, Bent  
**(74)** James & Wells Intellectual Property

**(71)** Sonomaceuticals, LLC  
**(11)** AU-B-2015249923  
**(21)** 2015249923 **(22)** 21.04.2015  
**(54)** Therapeutic use of grape seed products  
**(51)** Int. Cl.

**A61K 36/87** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2015/164341  
**(31)** 61/982,133 **(32)** 21.04.14 **(33)** US  
**(43)** 29.10.2015  
**(44)** 17.09.2020  
**(72)** ARVIK, Torey James  
**(74)** FB Rice Pty Ltd

**(71)** Sony Corporation  
**(11)** AU-B-2017368393  
**(21)** 2017368393 **(22)** 19.10.2017  
**(54)** Information processing device, information processing method, program, and observation system  
**(51)** Int. Cl.

**C12M 1/34** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 21/17** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2018/100913  
**(31)** 2016-231818 **(32)** 29.11.16 **(33)** JP  
**(43)** 07.06.2018  
**(44)** 17.09.2020  
**(72)** Shinoda, Masataka; Onuma, Tomoya; Ohashi, Takeshi; Azuma, Taro  
**(74)** Griffith Hack

**(71)** Starrotor Corporation  
**(11)** AU-B-2018264125  
**(21)** 2018264125 **(22)** 16.11.2018  
**(54)** Improved performance of gerotor compressors and expanders  
**(51)** Int. Cl.  
**F04C 2/10** ( 2006.01 )  
**(43)** 06.12.2018  
**(44)** 17.09.2020  
**(62)** 2015218295  
**(72)** Micka, Daniel J.; Breedlove, Jeffrey J.; Holtzapple, Mark T.  
**(74)** Adams Pluck

**(71)** ST Engineering Innosparks Pte. Ltd.  
**(11)** AU-B-2018327222  
**(21)** 2018327222 **(22)** 02.05.2018  
**(54)** Multi-flap valve for a respiratory device  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A62B 18/02** ( 2006.01 )  
**(43)** 21.11.2019

**(44)** 17.09.2020  
**(72)** Ong, Wern Er; Tang, Ee Ho Gareth; Lee, Wei Liang Jerome; Mun, Meng Wai; Lo, Mikail  
**(74)** WRAYS PTY LTD

**(71)** Step Ahead Innovations Inc.  
**(11)** AU-B-2018274916  
**(21)** 2018274916 **(22)** 05.12.2018  
**(54)** Aquatic environment water parameter testing systems and methods  
**(51)** Int. Cl.  
**G01N 21/77** ( 2006.01 )  
**(43)** 03.01.2019  
**(44)** 17.09.2020  
**(62)** 2014281415  
**(72)** Clark, James E.  
**(74)** Eagar & Associates Pty Ltd

**(71)** Stryker European Holdings I, LLC  
**(11)** AU-B-2016200179  
**(21)** 2016200179 **(22)** 12.01.2016  
**(54)** Spinal implant with porous and solid surfaces  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**(31)** 62/103,276 **(32)** 14.01.15 **(33)** US  
**(43)** 28.07.2016  
**(44)** 17.09.2020  
**(72)** WILLIS, Steven; ZIELINSKA, Justyna  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Sumitomo Metal Mining Co., Ltd.  
**(11)** AU-B-2017369090  
**(21)** 2017369090 **(22)** 15.11.2017  
**(54)** Ion exchange processing method, and scandium recovery method  
**(51)** Int. Cl.  
**C22B 59/00** ( 2006.01 )  
**C22B 3/26** ( 2006.01 )  
**C22B 3/42** ( 2006.01 )  
**(87)** WO2018/101039  
**(31)** 2016-233268 **(32)** 30.11.16 **(33)** JP  
**(43)** 07.06.2018  
**(44)** 17.09.2020  
**(72)** Ozaki, Yoshitomo; Nagai, Hidemasa; Shoji, Hirofumi; Higaki, Tatsuya; Matsumoto, Shin-Ya  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sumitomo Metal Mining Co., Ltd.  
**(11)** AU-B-2018274856  
**(21)** 2018274856 **(22)** 04.12.2018  
**(54)** Method for smelting nickel oxide ore  
**(51)** Int. Cl.  
**C22B 23/02** ( 2006.01 )  
**C22B 1/245** ( 2006.01 )  
**C22B 5/10** ( 2006.01 )  
**(43)** 20.12.2018  
**(44)** 17.09.2020  
**(62)** 2015297753  
**(72)** Okada, Shuuji; Inoue, Taku; Takahashi, Junichi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Suntory Holdings Limited  
**(11)** AU-B-2016206336  
**(21)** 2016206336 **(22)** 21.07.2016  
**(54)** A BEVERAGE CONTAINING ISOBUTANOL AND/OR ISOAMYL ALCOHOL  
**(51)** Int. Cl.  
**C12G 3/06** ( 2006.01 )  
**A23L 2/56** ( 2006.01 )  
**(31)** 147267/2015 **(32)** 24.07.15 **(33)** JP  
 064766/2016 28.03.16 JP  
**(43)** 09.02.2017  
**(44)** 17.09.2020  
**(72)** Ito, Sadahiro; Yoshihiro, Akira  
**(74)** Griffith Hack

**(71)** Suprasensor Technologies, LLC  
**(11)** AU-B-2016261226  
**(21)** 2016261226 **(22)** 06.05.2016  
**(54)** Apparatus for determining nitrate levels, and method for measuring ion concentration with a standard deviation correction  
**(51)** Int. Cl.  
**G01N 27/414** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
**G01N 33/18** ( 2006.01 )  
**(87)** WO2016/182885  
**(31)** 62/158,721 **(32)** 08.05.15 **(33)** US  
**(43)** 17.11.2016  
**(44)** 17.09.2020  
**(72)** Wenzel, Andreas M.; Kusiek, Jordan Richard; Stimpson, Calden Carroll; Fontenot, Sean  
**(74)** Ellis Terry

**(71)** Sustain Holdings, LLC  
**(11)** AU-B-2018248297  
**(21)** 2018248297 **(22)** 05.04.2018  
**(54)** Collagen peptide-based medicament compositions and devices and methods of production and use thereof  
**(51)** Int. Cl.  
**A61L 27/24** ( 2006.01 )  
**A61K 38/39** ( 2006.01 )  
**A61L 17/08** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2018/187530  
**(31)** 62/482,592 **(32)** 06.04.17 **(33)** US  
 62/581,927 06.11.17 US  
**(43)** 11.10.2018  
**(44)** 17.09.2020  
**(72)** Schlumpf, Richard Eric; Baratta, Robert; Delorey, Shawn A.  
**(74)** WRAYS PTY LTD

**(71)** Suven Life Sciences Limited  
**(11)** AU-B-2018353544  
**(21)** 2018353544 **(22)** 17.10.2018  
**(54)** Heteroaryl compounds as muscarinic M1 receptor positive allosteric modulators  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(87)** WO2019/077517  
**(31)** 201741037090 **(32)** 18.10.17 **(33)** IN  
**(43)** 25.04.2019

Applications Accepted - Name Index cont'd

- (44) 17.09.2020  
 (72) NIROGI, Ramakrishna; MOHAMMED, Abdul Rasheed; SHINDE, Anil Karbhari; RAVELLA, Srinivas; MIDDEKADI, Vanaja; GOYAL, Vinod Kumar; JAYA-RAJAN, Pradeep; DARIPPELLI, Saivishal; JASTI, Venkateswarlu  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Suven Life Sciences Limited  
 (11) AU-B-2018354969  
 (21) 2018354969 (22) 26.10.2018  
 (54) Polycyclic amides as muscarinic M1 receptor positive allosteric modulators  
 (51) Int. Cl.  
*C07D 401/06* (2006.01)  
*A61K 31/4709* (2006.01)  
*A61P 25/00* (2006.01)  
*C07D 215/48* (2006.01)  
*C07D 235/06* (2006.01)  
*C07D 401/10* (2006.01)  
*C07D 401/14* (2006.01)  
*C07D 403/10* (2006.01)  
*C07D 405/10* (2006.01)  
*C07D 405/14* (2006.01)  
*C07D 413/10* (2006.01)  
*C07D 417/10* (2006.01)  
*C07D 417/14* (2006.01)  
*C07D 471/04* (2006.01)  
 (87) WO2019/082140  
 (31) 201741038173 (32) 27.10.17 (33) IN  
 (43) 02.05.2019  
 (44) 17.09.2020  
 (72) NIROGI, Ramakrishna; MOHAMMED, Abdul Rasheed; SHINDE, Anil Karbhari; GAGGINAPALLY, Shankar Reddy; KANCHARLA, Durga Malleshwari; PANDEY, Santosh Kumar; ABRAHAM, Renny; JASTI, Venkateswarlu  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sweet Goodbye Pty Ltd  
 (11) AU-B-2016368693  
 (21) 2016368693 (22) 09.12.2016  
 (54) A bag for pet burial or cremation or for holding cremation ashes  
 (51) Int. Cl.  
*A61G 17/06* (2006.01)  
 (87) WO2017/096435  
 (31) 2015905104 (32) 09.12.15 (33) AU  
 (43) 15.06.2017  
 (44) 17.09.2020  
 (72) Venosi, Natalie  
 (74) Spruson & Ferguson
- 
- (71) Taiyuan University of Technology  
 (11) AU-B-2016424703  
 (21) 2016424703 (22) 28.09.2016  
 (54) Contamination-preventing micro-resistance slow-closing check valve and industrial drainage system  
 (51) Int. Cl.  
*F16K 15/18* (2006.01)  
 (87) WO2018/058364  
 (43) 05.04.2018  
 (44) 17.09.2020  
 (72) Kou, Ziming; Wu, Juan; Zhang, Jing; Kou, Yanfei; Zhang, Peng; Meng, Sijia  
 (74) Madderns Pty Ltd

- (71) Takeda Pharmaceutical Company Limited  
 (11) AU-B-2016340527  
 (21) 2016340527 (22) 21.10.2016  
 (54) Heterocyclic compound  
 (51) Int. Cl.  
*C07D 471/04* (2006.01)  
*A61K 31/55* (2006.01)  
*A61K 31/553* (2006.01)  
*A61K 31/554* (2006.01)  
*A61P 1/00* (2006.01)  
*A61P 1/16* (2006.01)  
*A61P 13/12* (2006.01)  
*A61P 25/00* (2006.01)  
*A61P 43/00* (2006.01)  
*C07D 487/04* (2006.01)  
*C07D 513/04* (2006.01)  
*C07D 519/00* (2006.01)  
 (87) WO2017/069279  
 (31) 2015-209280 (32) 23.10.15 (33) JP  
 2016-037703 29.02.16 JP  
 (43) 27.04.2017  
 (44) 17.09.2020  
 (72) Yogo, Takatoshi; Yoshikawa, Masato; Saitoh, Morihisa; Katoh, Taisuke; Seki, Tomohiro; Nakada, Yoshihisa  
 (74) Griffith Hack
- 
- (71) Teh Yor Co., Ltd.  
 (11) AU-B-2018253290  
 (21) 2018253290 (22) 13.04.2018  
 (54) Window shade  
 (51) Int. Cl.  
*E06B 9/322* (2006.01)  
*E06B 9/34* (2006.01)  
 (87) WO2018/191631  
 (31) 62/485,089 (32) 13.04.17 (33) US  
 (43) 18.10.2018  
 (44) 17.09.2020  
 (72) Huang, Chin-Tien; Huang, Chien-Lan  
 (74) FB Rice Pty Ltd
- 
- (71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2017352905  
 (21) 2017352905 (22) 01.11.2017  
 (54) Service differentiation for devices connected to a UE as a router  
 (51) Int. Cl.  
*H04W 28/16* (2009.01)  
*H04W 28/26* (2009.01)  
 (87) WO2018/082559  
 (31) PCT/CN2016/104944 (32) 07.11.16 (33) CN  
 (43) 11.05.2018  
 (44) 17.09.2020  
 (72) Gan, Juying; Fernandez Alonso, Susana; Yang, Hui; Zhu, Jinyin  
 (74) Baldwins Intellectual Property
- 
- (71) The Board of Regents of the University of Texas System  
 (11) AU-B-2018229512  
 (21) 2018229512 (22) 13.09.2018  
 (54) ATTENUATED RECOMBINANT ALPHAVIRUSES INCAPABLE OF REPLICATING IN MOSQUITOES AND USES THEREOF  
 (71) The Boeing Company  
 (11) AU-B-2016204078  
 (21) 2016204078 (22) 17.06.2016  
 (54) Sealing system for fasteners  
 (51) Int. Cl.  
*F16B 37/14* (2006.01)  
 (31) 14/882,645 (32) 14.10.15 (33) US  
 (43) 04.05.2017  
 (44) 17.09.2020  
 (72) Song, Weidong; Perron, Daniel Joseph  
 (74) Spruson & Ferguson
- 
- (71) The Boeing Company  
 (11) AU-B-2016208300  
 (21) 2016208300 (22) 26.07.2016  
 (54) Folding door thrust reversers for aircraft engines  
 (51) Int. Cl.  
*F02K 1/72* (2006.01)  
*B64D 33/04* (2006.01)  
 (31) 14/885,284 (32) 16.10.15 (33) US  
 (43) 04.05.2017  
 (44) 17.09.2020  
 (72) Kawai, Ronald Tatsuji; Bonet, John  
 (74) Spruson & Ferguson
- 
- (71) The Climate Corporation  
 (11) AU-B-2016278131  
 (21) 2016278131 (22) 15.06.2016  
 (54) Agricultural operation monitoring apparatus, systems and methods  
 (51) Int. Cl.  
*G01N 21/31* (2006.01)  
*A01B 79/02* (2006.01)  
*G01N 21/55* (2006.01)  
*G01N 33/24* (2006.01)  
 (87) WO2016/205422  
 (31) 62/279,995 (32) 18.01.16 (33) US  
 (43) 22.12.2016  
 (44) 17.09.2020  
 (72) Stoller, Jason; Plattner, Troy  
 (74) Ellis Terry
- 
- (71) Theravance Biopharma R&D IP, LLC  
 (11) AU-B-2017258186  
 (21) 2017258186 (22) 27.04.2017  
 (54) Pyrimidine compounds as JAK kinase inhibitors  
 (51) Int. Cl.  
*C07D 451/14* (2006.01)  
*A61K 31/506* (2006.01)  
*C07D 451/04* (2006.01)  
 (87) WO2017/189822  
 (31) 62/328,737 (32) 28.04.16 (33) US

Applications Accepted - Name Index cont'd

- (43) 02.11.2017  
 (44) 17.09.2020  
 (72) Hudson, Ryan; Kozak, Jennifer; Fleury, Melissa; Fatheree, Paul R.; Beausoleil, Anne-Marie; Podesto, Dante D.; Huang, Xiaojun  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) The Regents of The University of California  
 (11) AU-B-2018219968  
 (21) 2018219968 (22) 20.08.2018  
 (54) EXPANSION OF ALLOANTIGEN-REACTIVE REGULATORY T CELLS  
 (51) Int. Cl.  
 C12N 5/0783 ( 2010.01 )  
 A61K 35/14 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )  
 C12N 5/0781 ( 2010.01 )  
 (43) 06.09.2018  
 (44) 17.09.2020  
 (62) 2013225721  
 (72) Tang, Qizhi; Bluestone, Jeffrey A.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) ThyssenKrupp AG  
 (11) AU-B-2019202471  
 (21) 2019202471 (22) 09.04.2019  
 (54) Plant complex for steel production and method for operating the plant complex  
 (51) Int. Cl.  
 C21B 5/06 ( 2006.01 )  
 C21B 7/00 ( 2006.01 )  
 C21C 5/38 ( 2006.01 )  
 (43) 02.05.2019  
 (44) 17.09.2020  
 (62) 2014361208  
 (72) ACHATZ, Reinhold; WAGNER, Jens; OLES, Markus; SCHMÖLE, Peter; KLEINSCHMIDT, Ralph; KRÜGER, Matthias Patrick; KROTOV, Denis; VON MORSTEIN, Olaf  
 (74) Griffith Hack
- 
- (71) Traeger Pellet Grills, LLC  
 (11) AU-B-2016340295  
 (21) 2016340295 (22) 29.03.2016  
 (54) Mobile application for controlling outdoor grill  
 (51) Int. Cl.  
 G05B 11/01 ( 2006.01 )  
 (87) WO2017/069799  
 (31) 62/245,535 (32) 23.10.15 (33) US  
 (43) 18.05.2017  
 (44) 17.09.2020  
 (72) Colston, Michael  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) TRANSFUSION HEALTH LLC  
 (11) AU-B-2016297092  
 (21) 2016297092 (22) 21.07.2016  
 (54) Predicting immune response  
 (51) Int. Cl.  
 G01N 33/00 ( 2006.01 )  
 (87) WO2017/015509  
 (31) 62/195,837 (32) 23.07.15 (33) US
- 
- 15/215,465 20.07.16 US  
 (43) 26.01.2017  
 (44) 17.09.2020  
 (72) Cotari, Jesse; Jacobson, Stuart Alexander; Webb, Timothy; Rebo, Justin  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Trellis Bioscience, LLC; ContraFect Corporation  
 (11) AU-B-2015214146  
 (21) 2015214146 (22) 04.02.2015  
 (54) Antibodies useful in passive influenza immunization, and compositions, combinations and methods for use thereof  
 (51) Int. Cl.  
 C07K 16/10 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (87) WO2015/120097  
 (31) 62/051,630 (32) 17.09.14 (33) US  
 61/935,746 04.02.14 US  
 (43) 13.08.2015  
 (44) 17.09.2020  
 (72) Estelles, Angeles; Kauvar, Lawrence M.; Vigil, Adam; Wittekind, Michael  
 (74) WRAYS PTY LTD
- 
- (71) Tricoya Technologies Ltd  
 (11) AU-B-2015289028  
 (21) 2015289028 (22) 17.07.2015  
 (54) Recovery and use of wood acetylation fluid  
 (51) Int. Cl.  
 B08B 3/06 ( 2006.01 )  
 B27K 3/34 ( 2006.01 )  
 C07C 51/44 ( 2006.01 )  
 (87) WO2016/009060  
 (31) 1412837.5 (32) 18.07.14 (33) GB  
 (43) 21.01.2016  
 (44) 17.09.2020  
 (72) Benstead, Stephen John; Painter, Benjamin Thomas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TTI (Macao Commercial Offshore) Limited  
 (11) AU-B-2017341475  
 (21) 2017341475 (22) 12.10.2017  
 (54) Surface cleaning apparatus  
 (51) Int. Cl.  
 A47L 5/26 ( 2006.01 )  
 A47L 9/04 ( 2006.01 )  
 A47L 9/16 ( 2006.01 )  
 A47L 9/24 ( 2006.01 )  
 (87) WO2018/069704  
 (31) 1617520.0 (32) 14.10.16 (33) GB  
 (43) 19.04.2018  
 (44) 17.09.2020  
 (72) Ward, Matthew James; Waters, Richard David; Newsom, Guy Lawrence; Rogers, Steven James; Holmes, Darren David  
 (74) Griffith Hack
- 
- (71) Uncinate Joint, LLC  
 (11) AU-B-2016225063  
 (21) 2016225063 (22) 26.02.2016  
 (54) Uncinate joint stabilizers and associated systems and methods  
 (51) Int. Cl.
- 
- A61B 17/16 ( 2006.01 )  
 A61B 17/17 ( 2006.01 )  
 A61B 17/56 ( 2006.01 )  
 A61B 17/60 ( 2006.01 )  
 A61B 17/70 ( 2006.01 )  
 (87) WO2016/138451  
 (31) 62/121,260 (32) 26.02.15 (33) US  
 (43) 01.09.2016  
 (44) 17.09.2020  
 (72) Larson, Jeffrey John; Bertele, Theodore P.  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) UNIFOR S.p.A.  
 (11) AU-B-2015207886  
 (21) 2015207886 (22) 30.07.2015  
 (54) BOOKCASE STRUCTURE  
 (51) Int. Cl.  
 A47B 63/00 ( 2006.01 )  
 A47B 47/00 ( 2006.01 )  
 A47B 96/02 ( 2006.01 )  
 (31) MI2014A001405 (32) 31.07.14 (33) IT  
 (43) 18.02.2016  
 (44) 17.09.2020  
 (72) Bonuccelli, Dante  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) United Kingdom Research and Innovation  
 (11) AU-B-2016246098  
 (21) 2016246098 (22) 08.04.2016  
 (54) Methods for selecting phosphatase selective and non-selective phosphatase inhibitors  
 (51) Int. Cl.  
 C07C 281/18 ( 2006.01 )  
 A61K 31/155 ( 2006.01 )  
 C07D 253/00 ( 2006.01 )  
 C12Q 1/42 ( 2006.01 )  
 (87) WO2016/162688  
 (31) 1505971.0 (32) 08.04.15 (33) GB  
 1505975.1 08.04.15 GB  
 (43) 13.10.2016  
 (44) 17.09.2020  
 (72) Bertolotti, Anne; Das, Indrajit; Krzyzosiak, Agnieszka; Rousseau, Adrien; Schneider, Kim; Sigurdardottir, Anna Gudny  
 (74) FB Rice Pty Ltd
- 
- (71) Universiteit Gent; Orotech NV  
 (11) AU-B-2016221774  
 (21) 2016221774 (22) 17.02.2016  
 (54) Solid pharmaceutical dosage form suitable for use as drinking water medication  
 (51) Int. Cl.  
 A61K 9/16 ( 2006.01 )  
 A61K 31/00 ( 2006.01 )  
 (87) WO2016/131853  
 (31) 15155358.3 (32) 17.02.15 (33) EP  
 (43) 25.08.2016  
 (44) 17.09.2020  
 (72) Remon, Jean-Paul; Vervaet, Chris; Vermeulen, Brenda  
 (74) Collison & Co
- 
- University of Toyama see Dezawa, M.  
 (21) 2017207154

Applications Accepted - Name Index cont'd

- (71) UWIS Oy  
 (11) AU-B-2019201154  
 (21) 2019201154 (22) 19.02.2019  
 (54) UNDERWATER TRACKING SYSTEM  
 (51) Int. Cl.  
*G01S 5/30* ( 2006.01 )  
*B63B 22/00* ( 2006.01 )  
*B63C 11/02* ( 2006.01 )  
*G01S 1/72* ( 2006.01 )  
*G08C 21/00* ( 2006.01 )  
*H04B 11/00* ( 2006.01 )  
 (43) 07.03.2019  
 (44) 17.09.2020  
 (62) 2014336012  
 (72) Jukkala, Esko  
 (74) Ahearn Fox
- 
- (71) VALQUA, LTD.  
 (11) AU-B-2017414095  
 (21) 2017414095 (22) 11.05.2017  
 (54) Seal structure  
 (51) Int. Cl.  
*F16J 15/18* ( 2006.01 )  
*E21B 10/22* ( 2006.01 )  
 (87) WO2018/207314  
 (43) 15.11.2018  
 (44) 17.09.2020  
 (72) Yamamoto, Takahiro; Jing, Chao; Minami, Mitsuru; Ueda, Akira; Noriduki, Yuki  
 (74) Spruson & Ferguson
- 
- (71) Vaxart, Inc.  
 (11) AU-B-2015218769  
 (21) 2015218769 (22) 20.02.2015  
 (54) Formulations for small intestinal delivery  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
 (87) WO2015/127278  
 (31) 61/942,386 (32) 20.02.14 (33) US  
 (43) 27.08.2015  
 (44) 17.09.2020  
 (72) Tucker, Sean; Trager, George  
 (74) Spruson & Ferguson
- 
- (71) Vesuvius France SA  
 (11) AU-B-2016324980  
 (21) 2016324980 (22) 15.09.2016  
 (54) Conveyor roll assembly, torque transmission and support means and process for making a conveyor roll assembly used in a high temperature environment  
 (51) Int. Cl.  
*C03B 35/18* ( 2006.01 )  
*B65G 23/04* ( 2006.01 )  
*C03B 35/16* ( 2006.01 )  
 (87) WO2017/046253  
 (31) 15185842.0 (32) 18.09.15 (33) EP  
 (43) 23.03.2017  
 (44) 17.09.2020  
 (72) Dubois, Laurent; Schabaille, Etienne  
 (74) Spruson & Ferguson
- 
- (71) Victory Industrial Corporation  
 (11) AU-B-2019201082  
 (21) 2019201082 (22) 15.02.2019  
 (54) Insulated output assembly for vehicle alternating current generator

- (51) Int. Cl.  
*H02K 5/08* ( 2006.01 )  
 (43) 03.09.2020  
 (44) 17.09.2020  
 (72) Chang, Hung-Chih; Liang, Fu-Sheng; Yao, I-Wen Annie; Etipola, Muditha Upul Bandara  
 (74) Griffith Hack
- 
- (71) ViewRay Technologies, Inc.  
 (11) AU-B-2018203000  
 (21) 2018203000 (22) 01.05.2018  
 (54) ASSESSMENT AND IMPROVEMENT OF TREATMENT USING IMAGING OF PHYSIOLOGICAL RESPONSES TO RADIATION THERAPY  
 (51) Int. Cl.  
*A61N 5/10* ( 2006.01 )  
 (43) 17.05.2018  
 (44) 17.09.2020  
 (62) 2013334064  
 (72) Dempsey, James F.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Vuly IP Holdings No. 2 Pty Ltd  
 (11) AU-B-2017266441  
 (21) 2017266441 (22) 18.05.2017  
 (54) Modular play set  
 (51) Int. Cl.  
*A63B 17/04* ( 2006.01 )  
*A63B 5/11* ( 2006.01 )  
*A63B 71/02* ( 2006.01 )  
*A63G 9/00* ( 2006.01 )  
*A63G 31/00* ( 2006.01 )  
*E04F 10/00* ( 2006.01 )  
*E04H 15/00* ( 2006.01 )  
 (87) WO2017/197458  
 (31) 2017900679 (32) 28.02.17 (33) AU  
 2017900478 15.02.17 AU  
 2016902075 31.05.16 AU  
 2016901846 18.05.16 AU  
 (43) 23.11.2017  
 (44) 17.09.2020  
 (72) Andon, Joe  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH  
 (11) AU-B-2017359161  
 (21) 2017359161 (22) 08.11.2017  
 (54) Cell encapsulation devices containing structural spacers  
 (51) Int. Cl.  
*A61L 27/16* ( 2006.01 )  
*A61F 2/02* ( 2006.01 )  
*A61L 27/36* ( 2006.01 )  
*A61M 5/00* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
*A61M 37/00* ( 2006.01 )  
*C12N 5/00* ( 2006.01 )  
 (87) WO2018/089399  
 (31) 62/419,148 (32) 08.11.16 (33) US  
 15/806,099 07.11.17 US  
 (43) 17.05.2018

- (44) 17.09.2020  
 (72) Cully, Edward H.; Zambotti, Lauren; Parsons, Bernadette; Drumheller, Paul D.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2017379821  
 (21) 2017379821 (22) 19.12.2017  
 (54) Anticannulation web  
 (51) Int. Cl.  
*A61F 2/95* ( 2013.01 )  
*A61M 25/01* ( 2006.01 )  
*A61F 2/01* ( 2006.01 )  
*A61F 2/07* ( 2013.01 )  
 (87) WO2018/118938  
 (31) 62/436,640 (32) 20.12.16 (33) US  
 (43) 28.06.2018  
 (44) 17.09.2020  
 (72) Chung, Karl R.; Sector, Martin J.; Robison, Aaron; Dunn, Annette J.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2018221018  
 (21) 2018221018 (22) 14.02.2018  
 (54) Implantable medical device delivery systems and methods  
 (51) Int. Cl.  
*A61M 25/01* ( 2006.01 )  
*A61F 2/966* ( 2013.01 )  
*A61M 25/00* ( 2006.01 )  
 (87) WO2018/152234  
 (31) 62/458,951 (32) 14.02.17 (33) US  
 (43) 23.08.2018  
 (44) 17.09.2020  
 (72) Chung, Karl R.; Rudes, Susan J.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2019203691  
 (21) 2019203691 (22) 27.05.2019  
 (54) Implantable intraluminal Device  
 (51) Int. Cl.  
*A61F 2/82* ( 2006.01 )  
*A61F 2/04* ( 2006.01 )  
 (43) 20.06.2019  
 (44) 17.09.2020  
 (62) 2017228553  
 (72) JOHNSON, Matthew A.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2019204022  
 (21) 2019204022 (22) 07.06.2019  
 (54) Fluoropolymer barrier materials for containers  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
 (43) 27.06.2019  
 (44) 17.09.2020  
 (62) 2017202553  
 (72) ASHMEAD, Edgar G.; GUNZEL, Edward C.; MORITZ, Michael P.  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

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**(21)** 2017359161

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**(71)** Weston, A.  
**(11)** AU-B-2017212837  
**(21)** 2017212837 **(22)** 18.01.2017  
**(54)** Password generator  
**(51)** Int. Cl.

**G06F 21/34** ( 2013.01 )  
**A63F 9/08** ( 2006.01 )  
**(87)** WO2017/132708  
**(31)** 2016/00546 **(32)** 26.01.16 **(33)** ZA  
**(43)** 03.08.2017  
**(44)** 17.09.2020  
**(72)** Weston, Anthony Ross; Potgieter, Petrus Hendrik  
**(74)** O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

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**Wilson, S. see Endace Technology Limited**  
**(21)** 2016257995

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**(71)** Windgap Medical, LLC  
**(11)** AU-B-2016266657  
**(21)** 2016266657 **(22)** 14.04.2016  
**(54)** Removable actuating cap for use with an auto-injector assembly  
**(51)** Int. Cl.  
**A61M 5/20** ( 2006.01 )  
**(87)** WO2016/190980  
**(31)** 62,147,958 **(32)** 15.04.15 **(33)** US  
**(43)** 01.12.2016  
**(44)** 17.09.2020  
**(72)** Durvasula, Ashritha; Carter, Mary; Chagnon, Jeffrey Thomas; Constantineau, Cole; Stepanian, Chris; Standley, Adam; Buchine, Brent  
**(74)** Griffith Hack

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**(71)** X4 Pharmaceuticals (Austria) GmbH  
**(11)** AU-B-2014381795  
**(21)** 2014381795 **(22)** 19.12.2014  
**(54)** E. coli specific antibody sequences  
**(51)** Int. Cl.  
**C07K 16/12** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2015/117711  
**(31)** 14166200.7 **(32)** 28.04.14 **(33)** EP  
 14154158.1 06.02.14 EP  
**(43)** 13.08.2015  
**(44)** 17.09.2020  
**(72)** Nagy, Eszter; Nagy, Gabor; Szijarto, Valeria; Guachalla, Luis; Vasquez, Maximiliano  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** X Development LLC  
**(11)** AU-B-2017345067  
**(21)** 2017345067 **(22)** 18.09.2017  
**(54)** Drop-off location planning for delivery vehicle  
**(51)** Int. Cl.  
**G05D 1/06** ( 2006.01 )  
**G01C 21/00** ( 2006.01 )  
**G06T 7/73** ( 2017.01 )

**G08G 5/02** ( 2006.01 )  
**(87)** WO2018/075177  
**(31)** 15/295,995 **(32)** 17.10.16 **(33)** US  
**(43)** 26.04.2018  
**(44)** 17.09.2020  
**(72)** Schubert, Martin Friedrich; Grundmann, Michael Jason; Biffle, Clifford; Watson, Philip Edwin  
**(74)** Spruson & Ferguson

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**(71)** Yank Technologies, Inc.  
**(11)** AU-B-2016321421  
**(21)** 2016321421 **(22)** 12.09.2016  
**(54)** Wireless charging platforms via three-dimensional phased coil arrays  
**(51)** Int. Cl.  
**H02J 50/12** ( 2016.01 )  
**H01F 38/14** ( 2006.01 )  
**H02J 7/02** ( 2006.01 )  
**(87)** WO2017/044973  
**(31)** 62/217,669 **(32)** 11.09.15 **(33)** US  
**(43)** 16.03.2017  
**(44)** 17.09.2020  
**(72)** Yankowitz, Joshua Aaron  
**(74)** Spruson & Ferguson

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**(71)** Yongkang Guanding Cup Industry Co., Ltd.  
**(11)** AU-B-2019202018  
**(21)** 2019202018 **(22)** 22.03.2019  
**(54)** A manual coffee grinding cup  
**(51)** Int. Cl.  
**A47J 31/42** ( 2006.01 )  
**A47J 31/00** ( 2006.01 )  
**A47J 42/34** ( 2006.01 )  
**(31)** 2019101886205 **(32)** 13.03.19 **(33)** CN  
**(43)** 17.09.2020  
**(44)** 17.09.2020  
**(72)** Ye, Meng  
**(74)** Yongkang Guanding Cup Industry Co., Ltd.

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**(71)** ZINNIATEK LIMITED  
**(11)** AU-B-2018279060  
**(21)** 2018279060 **(22)** 17.12.2018  
**(54)** PHOTOVOLTAIC SYSTEMS  
**(51)** Int. Cl.  
**H01L 31/042** ( 2006.01 )  
**E04D 1/00** ( 2006.01 )  
**E04D 3/18** ( 2006.01 )  
**H01L 31/048** ( 2006.01 )  
**H01L 31/05** ( 2006.01 )  
**(43)** 17.01.2019  
**(44)** 17.09.2020  
**(62)** 2014269204  
**(72)** HAYNES, Andrew Leo; PARTRIDGE, Ashton Cyril; BATES, David J.; LIU, Pengcheng; TOH, Seng Oon; NGUANG, Sing Kiong; SPANOCHE, Sorin  
**(74)** AJ PARK

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**(71)** Zogenix International Limited  
**(11)** AU-B-2016379345  
**(21)** 2016379345 **(22)** 20.12.2016  
**(54)** Metabolism resistant fenfluramine analogs and methods of using the same  
**(51)** Int. Cl.  
**C07C 211/29** ( 2006.01 )

**A61K 31/40** ( 2006.01 )  
**C07C 211/30** ( 2006.01 )  
**(87)** WO2017/112701  
**(31)** 62/271,168 **(32)** 22.12.15 **(33)** US  
**(43)** 29.06.2017  
**(44)** 17.09.2020  
**(72)** Farr, Stephen J.; Boyd, Brooks M.  
**(74)** Davies Collison Cave Pty Ltd

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|-------------------|--|-------------------|---|
| <b>2014264642</b> | Fundacio Privada Institut d'Investigacio Oncologica de Vall Hebron | <b>2015408038</b> | Kimberly-Clark Worldwide, Inc.  |
| <b>2014278296</b> | Dana-Farber Cancer Institute, Inc.                                 | <b>2015411026</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.  |
| <b>2014311254</b> | BajaBoard International Pty Ltd                                    | <b>2015411258</b> | Jiangsu Hengrui Medicine Co., Ltd.  |
| <b>2014321187</b> | Regeneron Pharmaceuticals, Inc.                                    | <b>2015418568</b> | Dow Global Technologies LLC; Rohm and Haas Company  |
| <b>2014323098</b> | Repairon GmbH  | <b>2016200179</b> | Stryker European Holdings I, LLC  |
| <b>2014335877</b> | Regeneron Pharmaceuticals, Inc.                                    | <b>2016201273</b> | Adobe Inc.  |
| <b>2014346424</b> | Sangamo Therapeutics, Inc.   | <b>2016204078</b> | The Boeing Company  |
| <b>2014352012</b> | OncoDiag   | <b>2016204950</b> | Redekop, J.   |
| <b>2014352841</b> | Bangladesh Jute Research Institute                                 | <b>2016206336</b> | Suntory Holdings Limited  |
| <b>2014359894</b> | Baikang (Suzhou) Co., Ltd; Han, J.                                 | <b>2016207015</b> | Climbtech, LLC  |
| <b>2014369019</b> | Seattle Genetics, Inc.   | <b>2016208300</b> | The Boeing Company  |
| <b>2014381795</b> | X4 Pharmaceuticals (Austria) GmbH                                  | <b>2016210227</b> | Fuji Clean Co., Ltd.  |
| <b>2014405826</b> | Prysmian S.p.A.  | <b>2016216967</b> | Ishida Co., Ltd.  |
| <b>2015200874</b> | Escape Fitness Limited   | <b>2016221774</b> | Universiteit Gent; Orotech NV   |
| <b>2015200908</b> | National Taiwan University   | <b>2016222729</b> | Alios Biopharma, Inc.   |
| <b>2015202956</b> | Covestro Deutschland AG  | <b>2016225063</b> | Uncinate Joint, LLC   |
| <b>2015207886</b> | UNIFOR S.p.A.  | <b>2016232092</b> | Hublot SA Genève  |
| <b>2015214146</b> | Trellis Bioscience, LLC; ContraFect Corporation                    | <b>2016232761</b> | Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada Reno |
| <b>2015218455</b> | CPD Powerline Ltd  | <b>2016235481</b> | Joseph Company International, Inc.  |
| <b>2015218769</b> | Vaxart, Inc.   | <b>2016235590</b> | Polyphor AG   |
| <b>2015219028</b> | Drugarray, Inc.  | <b>2016236531</b> | Sandvik Intellectual Property AB  |
| <b>2015220915</b> | Merz Pharma GmbH & Co. KGaA  | <b>2016238618</b> | Numa-Beaujour, S.   |
| <b>2015230702</b> | Nexus Construction Systems Pty Ltd                                 | <b>2016240391</b> | Infrared Healthcare (Holdings) Pty Ltd  |
| <b>2015237933</b> | Ghosh, S.  | <b>2016245364</b> | BAE Systems Plc   |
| <b>2015249923</b> | Sonomaceuticals, LLC   | <b>2016245421</b> | Gittins, B.   |
| <b>2015255278</b> | Hunter Douglas Inc.  | <b>2016246066</b> | Quanta Associates, L.P.   |
| <b>2015261698</b> | NewSouth Innovations Pty Limited                                   | <b>2016246098</b> | United Kingdom Research and Innovation  |
| <b>2015268183</b> | Hanmi Pharm. Co., Ltd.   | <b>2016250163</b> | Bellus Medical, LLC   |
| <b>2015276202</b> | Solural Pharma ApS   | <b>2016252860</b> | Inhibikase Therapeutics, Inc.   |
| <b>2015277038</b> | Attillaps Holdings   | <b>2016256205</b> | Hilti Aktiengesellschaft  |
| <b>2015278346</b> | Eye on Air B.V.  | <b>2016257164</b> | Lumenary Inc.   |
| <b>2015279560</b> | Kodiak Sciences Inc.   | <b>2016257995</b> | Endace Technology Limited; Coddington, A.; Donnelly, S.; Earl, D.; Allen, M.; Wilson, S.              |
| <b>2015283343</b> | CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.    | <b>2016258199</b> | Ring Inc.   |
| <b>2015289028</b> | Tricoya Technologies Ltd   | <b>2016261226</b> | Suprasensor Technologies, LLC   |
| <b>2015289046</b> | poLight ASA  | <b>2016261722</b> | Sea6 Energy Pvt. Ltd.   |
| <b>2015289619</b> | New York University  | <b>2016266657</b> | Windgap Medical, LLC  |
| <b>2015292256</b> | Firebrick Pharma Pty Ltd   | <b>2016267538</b> | Dentsply Sirona Inc.; DeguDent GmbH   |
| <b>2015295871</b> | Caterpillar Global Mining Europe GmbH                              | <b>2016270302</b> | Rezolute, Inc.  |
| <b>2015302917</b> | C 3 Limited  | <b>2016270907</b> | Pharmacyclics LLC.  |
| <b>2015306295</b> | OVD Kinegram AG  | <b>2016277883</b> | Kobold, S.; Endres, S.  |
| <b>2015309164</b> | Electrolux Appliances Aktiebolag                                   | <b>2016278131</b> | The Climate Corporation   |
| <b>2015314029</b> | IGYXOS   | <b>2016281290</b> | Itec B.V.   |
| <b>2015314239</b> | Klinikum rechts der Isar der Technischen Universitat Munchen       | <b>2016282214</b> | C. Rafin & Co Pty Ltd   |
| <b>2015315294</b> | Academia Sinica  | <b>2016282817</b> | Gambro Lundia AB  |
| <b>2015317322</b> | Forma Therapeutics, Inc.   | <b>2016287200</b> | Ferring B.V.  |
| <b>2015321812</b> | Microsoft Technology Licensing, LLC                                | <b>2016293047</b> | Immatics Biotechnologies GmbH   |
| <b>2015322327</b> | Samsung Electronics Co., Ltd.                                      | <b>2016294365</b> | BASF Agro B.V.  |
| <b>2015328273</b> | Dana-Farber Cancer Institute, Inc.                                 | <b>2016294453</b> | BASF Agro B.V.  |
| <b>2015341884</b> | Ichnos Sciences SA   | <b>2016296877</b> | Dana-Farber Cancer Institute, Inc.  |
| <b>2015343255</b> | Composecure LLC  | <b>2016297092</b> | TRANSFUSION HEALTH LLC  |
| <b>2015352685</b> | CURADIGM SAS   | <b>2016298814</b> | Matisa Materiel Industriel S.A.   |
| <b>2015353600</b> | Cascade Designs, Inc.  | <b>2016299374</b> | Arkema France   |
| <b>2015354877</b> | Fisher & Paykel Healthcare Limited                                 | <b>2016306723</b> | Garcia Castelblanco, R.   |
| <b>2015364478</b> | ICU Medical, Inc.  | <b>2016307911</b> | Société des Produits Nestlé S.A.  |
| <b>2015364748</b> | Apdn (B.V.I.) Inc.   | <b>2016320395</b> | ETH Zürich  |
| <b>2015367790</b> | ETEX BUILDING PERFORMANCE INTERNATIONAL SAS                        | <b>2016321421</b> | Yank Technologies, Inc.   |
| <b>2015369710</b> | AcelRx Pharmaceuticals, Inc.                                       | <b>2016321893</b> | DSM IP Assets B.V.  |
| <b>2015372685</b> | Aker Solutions AS  | <b>2016321914</b> | Alternative Gene Expression,S.L.  |
| <b>2015383053</b> | Jiansu Okani Medical Technology Co., Ltd                           | <b>2016324980</b> | Vesuvius France SA  |
| <b>2015390975</b> | General Mills, Inc.  | <b>2016339814</b> | Illinois Tool Works Inc.  |
| <b>2015392989</b> | Kimberly-Clark Worldwide, Inc.                                     | <b>2016339825</b> | Applied Quantum Energies, LLC   |
| <b>2015397106</b> | NKT HV Cables AB   | <b>2016340295</b> | Traeger Pellet Grills, LLC  |
| <b>2015401546</b> | Halliburton Energy Services, Inc.                                  | <b>2016340527</b> | Takeda Pharmaceutical Company Limited   |
| <b>2015405802</b> | Avent, Inc.  | <b>2016343656</b> | Calithera BioSciences, Inc.   |
|                   |  | <b>2016344537</b> | GE Healthcare Limited; Nihon Medi-Physics Co., Ltd.   |
|                   |  | <b>2016347521</b> | Heptares Therapeutics Limited   |

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| <b>2016351456</b> | MJN U.S. Holdings LLC   | <b>2017402430</b> | Fuji Corporation   |
| <b>2016357900</b> | Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd. | <b>2017404561</b> | China University of Mining and Technology                                    |
| <b>2016359722</b> | Masarykova Univerzita; Enantis s.r.o.   | <b>2017413249</b> | Mitsubishi Electric Corporation  |
| <b>2016361953</b> | Kimberly-Clark Worldwide, Inc.  | <b>2017414095</b> | VALQUA, LTD.   |
| <b>2016362323</b> | Kimberly-Clark Worldwide, Inc.  | <b>2017418323</b> | Enercon Industries Corporation   |
| <b>2016368693</b> | Sweet Goodbye Pty Ltd   | <b>2018201440</b> | Agriculture Victoria Services Pty Ltd  |
| <b>2016372350</b> | Henkel AG & Co. KGaA  | <b>2018202125</b> | Lineage Cell Therapeutics, Inc.  |
| <b>2016378991</b> | Envision SQ Inc.  | <b>2018202919</b> | Exide Technologies   |
| <b>2016379345</b> | Zogenix International Limited   | <b>2018203000</b> | ViewRay Technologies, Inc.   |
| <b>2016380599</b> | Hyundai Motor Company   | <b>2018203972</b> | Amgen Inc.   |
| <b>2016393011</b> | IITT Co., Ltd.  | <b>2018211281</b> | Combifit   |
| <b>2016401623</b> | Fluidra, S.A.   | <b>2018211346</b> | Arcadia Biosciences, Inc.; SLADE, A.; LOEFFLER, D.; HOLM, A.; MULLENBERG, J. |
| <b>2016424703</b> | Taiyuan University of Technology  | <b>2018213630</b> | Huawei Technologies Co., Ltd.  |
| <b>2016425880</b> | Shijiazhuang No. 4 Pharmaceutical Co., Ltd.                                   | <b>2018216955</b> | Phenex Pharmaceuticals AG  |
| <b>2016428724</b> | Huawei Technologies Co., Ltd.   | <b>2018217279</b> | Rogers, G.; Honey Badger International Pty Ltd                               |
| <b>2016434707</b> | Mitsubishi Electric Corporation   | <b>2018218207</b> | Carnot Compression LLC   |
| <b>2017207154</b> | Dezawa, M.; University of Toyama; Life Science Institute, Inc.                | <b>2018219862</b> | Nant Holding IP, LLC; NantCell, Inc.   |
| <b>2017209047</b> | Qualcomm Incorporated   | <b>2018219968</b> | The Regents of The University of California                                  |
| <b>2017212837</b> | Weston, A.  | <b>2018221018</b> | W. L. Gore & Associates, Inc.  |
| <b>2017214468</b> | Emulate, Inc.; Cedars-Sinai Medical Center                                    | <b>2018222939</b> | AMO Development, LLC   |
| <b>2017224946</b> | Indian Ocean Medical Inc.   | <b>2018226784</b> | Array Technologies, Inc.   |
| <b>2017234800</b> | Medical Components, Inc.  | <b>2018228866</b> | Itron, Inc.  |
| <b>2017239816</b> | FUJIFILM Corporation; FUJIFILM Toyama Chemical Co., Ltd.                      | <b>2018229512</b> | The Board of Regents of the University of Texas System                       |
| <b>2017240417</b> | Indorama Ventures Oxides LLC  | <b>2018232364</b> | Nichiha Corporation  |
| <b>2017246706</b> | Research Triangle Institute   | <b>2018236703</b> | Janssen Sciences Ireland UC  |
| <b>2017250112</b> | Quident, LLC  | <b>2018236842</b> | Gen-Probe Incorporated   |
| <b>2017258186</b> | Theravance Biopharma R&D IP, LLC  | <b>2018236860</b> | Angel Playing Cards Co., Ltd.  |
| <b>2017258597</b> | Qualcomm Incorporated   | <b>2018241077</b> | Shell Internationale Research Maatschappij B.V.                              |
| <b>2017259576</b> | Biodynamic Research Foundation  | <b>2018241107</b> | MedImmune, LLC   |
| <b>2017266441</b> | Vuly IP Holdings No. 2 Pty Ltd  | <b>2018241212</b> | Shenzhen Hightide Biopharmaceutical, Ltd.                                    |
| <b>2017271954</b> | Qualcomm Incorporated   | <b>2018243002</b> | Adama Makhteshim Ltd.  |
| <b>2017277570</b> | Qualcomm Incorporated   | <b>2018247260</b> | Allergan, Inc.   |
| <b>2017279774</b> | AVELON ESPRESSO SYSTEMS LTD   | <b>2018248297</b> | Sustain Holdings, LLC  |
| <b>2017282721</b> | Multigate Medical Products Pty Ltd  | <b>2018249706</b> | Husqvarna AB   |
| <b>2017283787</b> | Novartis AG   | <b>2018253290</b> | Teh Yor Co., Ltd.  |
| <b>2017287619</b> | Beijing 7invensun Technology Co., Ltd.  | <b>2018253544</b> | Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology                         |
| <b>2017293023</b> | Shanghai Clear Fluid Biomedical Science Co., Ltd.                             | <b>2018255209</b> | Baker Hughes Holdings, LLC   |
| <b>2017293325</b> | CocoNutZ Pte. Ltd.  | <b>2018256576</b> | Omniceil, Inc.   |
| <b>2017297505</b> | Revelant IP Holdings LLC  | <b>2018256657</b> | Heckler & Kock GmbH  |
| <b>2017299238</b> | Radwisp Pte.Ltd.  | <b>2018256833</b> | CIVCO Medical Instruments, Co., Inc.   |
| <b>2017315305</b> | Boston Dynamics, Inc.   | <b>2018258169</b> | Loon LLC   |
| <b>2017322500</b> | Capbran Holdings, LLC   | <b>2018260971</b> | Northwest Biotherapeutics, Inc.  |
| <b>2017335675</b> | Novelis Inc.  | <b>2018264125</b> | Starrotor Corporation  |
| <b>2017335889</b> | Qualcomm Incorporated   | <b>2018269394</b> | Motorola Solutions, Inc.   |
| <b>2017336032</b> | Daikin Industries, Ltd.   | <b>2018271283</b> | GIBS Building Tech Pty Ltd   |
| <b>2017338598</b> | Koninklijke Douwe Egberts B.V.  | <b>2018274298</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.                         |
| <b>2017338602</b> | Koninklijke Douwe Egberts B.V.  | <b>2018274856</b> | Sumitomo Metal Mining Co., Ltd.  |
| <b>2017341475</b> | TTI (Macao Commercial Offshore) Limited                                       | <b>2018274916</b> | Step Ahead Innovations Inc.  |
| <b>2017345067</b> | X Development LLC   | <b>2018279048</b> | Air Products and Chemicals, Inc.   |
| <b>2017352303</b> | ELC Management LLC  | <b>2018279060</b> | ZINNIATEK LIMITED  |
| <b>2017352905</b> | Telefonaktiebolaget LM Ericsson (publ)  | <b>2018282270</b> | LG Electronics Inc.  |
| <b>2017357848</b> | Colgate-Palmolive Company   | <b>2018288595</b> | Cook Medical Technologies LLC  |
| <b>2017359161</b> | W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH                   | <b>2018289292</b> | Hendrickson USA, L.L.C.  |
| <b>2017359167</b> | 3M Innovative Properties Company  | <b>2018327222</b> | ST Engineering Innosparks Pte. Ltd.  |
| <b>2017363191</b> | Baker Hughes Holdings, LLC  | <b>2018331574</b> | Gc Corporation   |
| <b>2017368393</b> | Sony Corporation  | <b>2018333591</b> | 3M Innovative Properties Company   |
| <b>2017369090</b> | Sumitomo Metal Mining Co., Ltd.   | <b>2018337069</b> | AMSL Innovations Pty Ltd   |
| <b>2017371316</b> | LG Electronics Inc.   | <b>2018337666</b> | AMSL Innovations Pty Ltd   |
| <b>2017379821</b> | W. L. Gore & Associates, Inc.   | <b>2018344573</b> | Oxford BioDynamics PLC   |
| <b>2017383466</b> | ArcelorMittal   | <b>2018353544</b> | Suven Life Sciences Limited  |
| <b>2017384388</b> | AstraZeneca AB  | <b>2018354391</b> | MediBeacon Inc.  |
| <b>2017385371</b> | Kawasaki Jukogyo Kabushiki Kaisha   | <b>2018354969</b> | Suven Life Sciences Limited  |
| <b>2017385749</b> | LG Electronics Inc.   | <b>2018360478</b> | Eli Lilly And Company  |
| <b>2017386981</b> | Motorola Solutions, Inc.  | <b>2018400200</b> | Coe, W.  |
| <b>2017386983</b> | Motorola Solutions, Inc.  | <b>2018417115</b> | Jiangsu Normal University  |
| <b>2017388081</b> | Ningbo Fotile Kitchen Ware Co., Ltd.  | <b>2018421450</b> | Coulter Ventures LLC   |
| <b>2017392846</b> | International Business Machines Corporation                                   | <b>2019200025</b> | Oceanering International, Inc.   |
| <b>2017393885</b> | International Business Machines Corporation                                   | <b>2019200135</b> | Aerovironment, Inc.  |
|                   |   | <b>2019200494</b> | President and Fellows of Harvard College                                     |
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|                   |   | <b>2019200747</b> | Critical Care Diagnostics, Inc.  |

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2019201154 UWIS Oy  
2019201319 D & S Berry Pty Ltd  
2019201524 iRobot Corporation  
2019201806 Mitral Valve Technologies Sàrl  
2019201997 Biogen MA Inc.  
2019202018 Yongkang Guanding Cup Industry Co., Ltd.  
2019202059 Quzhou Guanding Eyewear Co., Ltd.  
2019202105 BLUESCOPE STEEL LIMITED  
2019202252 Ningbo Junxing Daily Commodity Co., Ltd.  
2019202364 Haining Jinshi Crystal Co., Ltd.  
2019202382 Accenture Global Solutions Limited  
2019202471 ThyssenKrupp AG  
2019202636 Koninklijke Philips N.V.  
2019202658 Magseis FF LLC  
2019202995 Janssen Biotech, Inc.  
2019203691 W. L. Gore & Associates, Inc.  
2019204022 W. L. Gore & Associates, Inc.  
2019204135 Rigdeluge Global Limited  
2019204146 Eurochem Agro GmbH  
2019204976 Accenture Global Solutions Limited  
2019205025 ServiceNow, Inc.  
2019210120 Israel Aerospace Industries Ltd.  
2019210601 Accenture Global Solutions Limited  
2019210629 Google LLC  
2019216612 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
  
2019229334 Intra-Cellular Therapies, Inc.  
2019231761 Raytheon Company  
2019232827 Doten, L.  
2019240612 Molecular Templates, Inc.  
2019275599 Array BioPharma Inc.  
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| 2016339825               | 2016307911               | 2019202252               | 2017357848               | 2016340527               | 2015268183               |
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| 2016204950               | 2016307911               | 2019202018               | 2018331574               | 2016357900               | 2017259576               |
| 2018249706               |                          | 2019202252               |                          | 2016379345               | 2018247260               |
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| 2016306723               | 2017293325               | 2017322500               | 2015408038               | 2017384388               | <b><u>A61K 49 /-</u></b> |
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| 2018201440               | 2017322500               | 2016361953               | 2017359167               | 2015292256               | 2015202956               |
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| 2016306723               | 2019202252               | 2017341475               | 2017402430               | 2018247260               | 2016221774               |
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| 2017359161               | 2015328273               | <b><u>A63B 17 /-</u></b> | 2018241077               | <b><u>B27N 3 /-</u></b>  | <b><u>B64C 13 /-</u></b> |
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| <b><u>A61P 19 /-</u></b> | 2017352303               | <b><u>A63G 9 /-</u></b>  | 2019202105               | <b><u>B44C 1 /-</u></b>  |                          |
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| 2015249923               | <b><u>A61Q 17 /-</u></b> | 2017266441               | <b><u>B21D 5 /-</u></b>  | 2015306295               | <b><u>B65D 85 /-</u></b> |
| 2016425880               |                          |                          |                          |                          | 2017338598               |
| 2018360478               | 2015202956               | <b><u>B01D 19 /-</u></b> | 2019202105               | <b><u>B44F 1 /-</u></b>  | 2017338602               |
|                          |                          |                          |                          |                          |                          |
| <b><u>A61P 25 /-</u></b> | <b><u>A61Q 5 /-</u></b>  | <b><u>B01D 35 /-</u></b> | <b><u>B23K 37 /-</u></b> | 2015306295               | <b><u>B65D 88 /-</u></b> |
|                          |                          |                          |                          |                          |                          |
| 2016340527               | 2017352303               | 2017371316               | 2020203615               | <b><u>B60B 35 /-</u></b> | 2016238618               |
| 2016347521               | <b><u>A62B 18 /-</u></b> | 2019204135               | <b><u>B23P 17 /-</u></b> |                          |                          |
| 2017293023               |                          |                          |                          | 2018289292               | <b><u>B65D 90 /-</u></b> |
| 2018353544               | 2018327222               | <b><u>B01D 53 /-</u></b> | 2015364748               | <b><u>B60H 3 /-</u></b>  | 2016238618               |
| 2018354969               |                          |                          |                          |                          |                          |
| 2018360478               | <b><u>A62B 35 /-</u></b> | 2015372685               | <b><u>B23Q 1 /-</u></b>  | 2016380599               | <b><u>B65G 19 /-</u></b> |
| 2019201997               |                          | 2016378991               |                          |                          |                          |
|                          | 2016207015               | 2016380599               | 2020203615               |                          | 2019325887               |
|                          |                          | 2018241077               |                          |                          |                          |

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|                    |                    |                    |                    |                    |                   |
|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| <b>B65G 23 /-</b>  | 2017246706         | 2016357900         | 2016343656         | <b>C08L 21 /-</b>  | <b>C12M 1 /-</b>  |
| 2015295871         | <b>C07D 213 /-</b> | 2018236703         |                    | 2018400200         | 2017368393        |
| 2016324980         | 2015411258         | 2018354969         | <b>C07H 15 /-</b>  |                    |                   |
| <b>B65G 39 /-</b>  | 2016222729         | <b>C07D 409 /-</b> | 2015315294         | <b>C08L 23 /-</b>  | <b>C12N 1 /-</b>  |
| 2015295871         | <b>C07D 215 /-</b> | 2015317322         | <b>C07H 17 /-</b>  | 2016362323         | 2016380599        |
| <b>B65G 45 /-</b>  | 2015317322         | 2016296877         | 2019200494         | <b>C08L 25 /-</b>  | 2018201440        |
| 2015295871         | 2018354969         | 2019201997         | <b>C07H 21 /-</b>  | 2016362323         | <b>C12N 15 /-</b> |
| <b>B65G 53 /-</b>  | <b>C07D 221 /-</b> | 2016222729         | 2018201440         | <b>C08L 27 /-</b>  | 2014264642        |
| 2018417115         | 2016222729         | 2016252860         | <b>C07K 14 /-</b>  | 2016299374         | 2014321187        |
| <b>B66F 9 /-</b>   | <b>C07D 231 /-</b> | 2018236703         | 2014264642         | <b>C08L 5 /-</b>   | 2014352841        |
| 2018211281         | 2019204146         | 2018354969         | 2014352841         | 2016320395         | 2016321914        |
| <b>B67D 1 /-</b>   | <b>C07D 235 /-</b> | 2019201997         | 2014359894         | <b>C08L 53 /-</b>  | 2017293023        |
| 2017371316         | 2018354969         | 2016252860         | 2016270302         | 2016362323         | 2018202125        |
| <b>C02F 1 /-</b>   | <b>C07D 239 /-</b> | 2016270907         | 2016277883         | <b>C08L 7 /-</b>   | 2018211346        |
| 2015353600         | 2018236703         | 2018354969         | 2016293047         | 2018400200         | 2018229512        |
| <b>C02F 3 /-</b>   | <b>C07D 241 /-</b> | 2019201997         | 2016359722         | <b>C08L 71 /-</b>  | 2019240612        |
| 2016210227         | 2018354391         | <b>C07D 451 /-</b> | 2017293023         | 2016320395         | 2014323098        |
| <b>C03B 35 /-</b>  | <b>C07D 253 /-</b> | 2017258186         | 2018248297         | <b>C08L 9 /-</b>   | 2015220915        |
| 2016324980         | 2016246098         | <b>C07D 471 /-</b> | 2019240612         | 2018400200         | 2017293023        |
| <b>C03C 3 /-</b>   | <b>C07D 273 /-</b> | 2015317322         | <b>C07K 16 /-</b>  | <b>C08L 71 /-</b>  | 2017359161        |
| 2016267538         | 2018243002         | 2016222729         | 2014381795         | 2016320395         | 2018202125        |
| <b>C05F 11 /-</b>  | <b>C07D 277 /-</b> | 2016340527         | 2015214146         | <b>C08L 9 /-</b>   | 2018203972        |
| 2016261722         | 2016344537         | 2016425880         | 2015237933         | 2018400200         | 2018219968        |
| <b>C07B 41 /-</b>  | <b>C07D 333 /-</b> | 2018216955         | 2015279560         | <b>C08L 95 /-</b>  | 2018260971        |
| 2019204146         | 2016232761         | 2018236703         | 2015314029         | 2018400200         | 2019200747        |
| <b>C07C 211 /-</b> | 2017239816         | 2018354969         | 2015328273         | <b>C08L 95 /-</b>  | <b>C12N 9 /-</b>  |
| 2016379345         | <b>C07D 401 /-</b> | 2019229334         | 2015341884         | 2018400200         | 2018211346        |
| <b>C07C 235 /-</b> | 2015317322         | 2019275599         | 2018203972         | <b>C09D 123 /-</b> | 2019240612        |
| 2017246706         | 2016252860         | <b>C07D 473 /-</b> | 2018253544         | 2016362323         | <b>C12P 21 /-</b> |
| <b>C07C 281 /-</b> | 2016296877         | 2017384388         | 2019200747         | <b>C09D 125 /-</b> | 2018203972        |
| 2016246098         | 2016347521         | <b>C07D 487 /-</b> | <b>C07K 19 /-</b>  | 2016362323         | 2018241107        |
| <b>C07C 43 /-</b>  | 2018236703         | <b>C07D 487 /-</b> | 2017293023         | <b>C09D 153 /-</b> | <b>C12Q 1 /-</b>  |
| 2016232761         | 2018354969         | 2016340527         | <b>C07K 7 /-</b>   | 2016362323         | 2014278296        |
| <b>C07C 51 /-</b>  | 2018360478         | 2018353544         | 2016235590         | <b>C09D 191 /-</b> | 2014335877        |
| 2015289028         | 2019201997         | <b>C07D 491 /-</b> | 2018241212         | 2016362323         | 2014346424        |
| <b>C07D 207 /-</b> | <b>C07D 403 /-</b> | 2016222729         | <b>C08B 37 /-</b>  | <b>C09D 191 /-</b> | 2014352012        |
| 2016343656         | 2016270907         | 2016347521         | 2016261722         | 2016339814         | 2016246098        |
| <b>C07D 211 /-</b> | 2016296877         | <b>C07D 513 /-</b> | <b>C08F 2 /-</b>   | <b>C09D 5 /-</b>   | 2017368393        |
| 2015289028         | 2018236703         | 2016340527         | 2015418568         | 2016362323         | 2018201440        |
| <b>C07D 207 /-</b> | 2018354969         | 2019201997         | <b>C08F 220 /-</b> | <b>C11D 1 /-</b>   | 2018236842        |
| 2016343656         | 2018360478         | <b>C07D 495 /-</b> | <b>C08F 265 /-</b> | 2016372350         | 2018253544        |
| <b>C07D 211 /-</b> | 2019201997         | 2016222729         | 2015418568         | <b>C11D 17 /-</b>  | 2018344573        |
| 2015317322         | <b>C07D 405 /-</b> | 2016347521         | <b>C08J 5 /-</b>   | <b>C11D 3 /-</b>   | <b>C12R 1 /-</b>  |
| 2015411258         | 2015317322         | <b>C07D 519 /-</b> | 2016362323         | 2017240417         | 2016380599        |
| <b>C07D 211 /-</b> | 2015411258         | 2016340527         | 2018400200         | <b>C12G 3 /-</b>   | 2017293325        |
|                    |                    | 2017384388         | <b>C08K 5 /-</b>   | 2016206336         | 2019202471        |
|                    |                    | <b>C07F 5 /-</b>   | 2018400200         |                    | <b>C21B 7 /-</b>  |
|                    |                    |                    |                    |                    | 2019202471        |

Applications Accepted - IPC Index cont'd

|                         |                         |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b><u>C21C 5/-</u></b>  | <b><u>E04G 17/-</u></b> | <b><u>F04D 29/-</u></b> | <b><u>F41A 9/-</u></b>  | <b><u>G02B 1/-</u></b>  | <b><u>G06F 21/-</u></b> |
| 2019202471              | 2018271283              | 2018218207              | 2018256657              | 2017250112              | 2017212837              |
| <b><u>C21D 11/-</u></b> | <b><u>E04H 12/-</u></b> | <b><u>F04D 31/-</u></b> | <b><u>G01C 1/-</u></b>  | <b><u>G02B 21/-</u></b> | 2019204976              |
| 2017383466              | 2015218455              | 2018218207              | 2019210120              | 2015200908              | <b><u>G06F 3/-</u></b>  |
| <b><u>C21D 9/-</u></b>  | <b><u>E04H 15/-</u></b> | <b><u>F04F 5/-</u></b>  | <b><u>G01C 21/-</u></b> | <b><u>G02B 26/-</u></b> | 2015322327              |
| 2017383466              | 2017266441              | 2018218207              | 2017345067              | 2015289046              | 2016201273              |
| <b><u>C22B 1/-</u></b>  | <b><u>E04H 9/-</u></b>  | <b><u>F16B 37/-</u></b> | <b><u>G01G 19/-</u></b> | <b><u>G02B 3/-</u></b>  | <b><u>G06F 40/-</u></b> |
| 2018274856              | 2015367790              | 2016204078              | 2016216967              | 2015289046              | 2017386981              |
| <b><u>C22B 23/-</u></b> | <b><u>E06B 9/-</u></b>  | <b><u>F16C 27/-</u></b> | 2017322500              | <b><u>G02B 7/-</u></b>  | <b><u>G06F 7/-</u></b>  |
| 2018274856              | 2015255278              | 2016393011              | <b><u>G01G 21/-</u></b> | 2017359167              | 2018256576              |
| <b><u>C22B 3/-</u></b>  | 2018253290              | 2016393011              | 2017322500              | <b><u>G02C 11/-</u></b> | <b><u>G06F 9/-</u></b>  |
| 2017369090              | <b><u>E21B 10/-</u></b> | <b><u>F16C 33/-</u></b> | <b><u>G01M 3/-</u></b>  | 2019202059              | 2015321812              |
| <b><u>C22B 5/-</u></b>  | 2016236531              | 2015295871              | 2018228866              | <b><u>G02F 1/-</u></b>  | 2016201273              |
| 2018274856              | 2017414095              | <b><u>F16C 35/-</u></b> | <b><u>G01N 21/-</u></b> | 2016245364              | 2016245421              |
| <b><u>C22B 59/-</u></b> | 2015401546              | 2016393011              | 2016278131              | 2018333591              | 2017392846              |
| 2017369090              | 2018255209              | <b><u>F16F 15/-</u></b> | 2017368393              | <b><u>G03G 15/-</u></b> | 2017393885              |
| <b><u>C23C 14/-</u></b> | <b><u>E21B 19/-</u></b> | 2016393011              | 2018274916              | 2017297505              | 2019210601              |
| 2016257164              | 2016281290              | <b><u>F16H 55/-</u></b> | <b><u>G01N 27/-</u></b> | <b><u>G05B 11/-</u></b> | <b><u>G06K 19/-</u></b> |
| <b><u>E01B 29/-</u></b> | <b><u>E21B 23/-</u></b> | 2015295871              | 2015278346              | 2016340295              | 2015343255              |
| 2016298814              | 2017363191              | <b><u>F16J 15/-</u></b> | 2016261226              | <b><u>G05B 13/-</u></b> | <b><u>G06K 9/-</u></b>  |
| <b><u>E04B 1/-</u></b>  | <b><u>E21B 3/-</u></b>  | 2017414095              | <b><u>G01N 33/-</u></b> | 2018217279              | 2017287619              |
| 2015230702              | 2016281290              | <b><u>F16K 15/-</u></b> | 2015220915              | <b><u>G05B 19/-</u></b> | <b><u>G06Q 10/-</u></b> |
| 2015367790              | <b><u>E21B 33/-</u></b> | 2016424703              | 2016261226              | 2016401623              | 2017315305              |
| 2018271283              | 2018255209              | <b><u>F16L 11/-</u></b> | 2016278131              | <b><u>G05D 1/-</u></b>  | <b><u>G06Q 50/-</u></b> |
| <b><u>E04B 2/-</u></b>  | <b><u>E21B 43/-</u></b> | 2016299374              | 2016297092              | 2016232092              | 2019202382              |
| 2015367790              | 2015372685              | <b><u>F16L 5/-</u></b>  | 2017207154              | 2017345067              | <b><u>G06T 7/-</u></b>  |
| <b><u>E04C 5/-</u></b>  | 2015401546              | 2016256205              | 2017283787              | 2019201524              | 2017250112              |
| 2015230702              | 2018255209              | <b><u>F16L 58/-</u></b> | 2018241107              | <b><u>G05F 5/-</u></b>  | 2017345067              |
| <b><u>E04D 1/-</u></b>  | <b><u>E21B 47/-</u></b> | 2016299374              | 2019200747              | 2018217279              | 2017368393              |
| 2018279060              | 2017404561              | <b><u>F23K 5/-</u></b>  | <b><u>G01R 11/-</u></b> | <b><u>G05F 11/-</u></b> | <b><u>G06T 9/-</u></b>  |
| <b><u>E04D 3/-</u></b>  | <b><u>E21C 29/-</u></b> | 2019204135              | 2018217279              | 2018217279              | <b><u>G06T 9/-</u></b>  |
| 2018279060              | 2015295871              | <b><u>F24C 15/-</u></b> | <b><u>G01S 1/-</u></b>  | <b><u>G05F 13/-</u></b> | <b><u>G06T 9/-</u></b>  |
| 2019202105              | <b><u>E21F 13/-</u></b> | 2017388081              | 2019201154              | 2018274298              | <b><u>G06T 9/-</u></b>  |
| <b><u>E04F 10/-</u></b> | 2015295871              | <b><u>F24H 1/-</u></b>  | 2019210120              | <b><u>G06F 12/-</u></b> | <b><u>G06T 9/-</u></b>  |
| 2017266441              | <b><u>F02K 1/-</u></b>  | 2017279774              | <b><u>G01S 13/-</u></b> | 2016245421              | <b><u>G06T 9/-</u></b>  |
| <b><u>E04F 13/-</u></b> | 2016208300              | <b><u>F25D 3/-</u></b>  | 2019210120              | 2018256576              | <b><u>G06T 9/-</u></b>  |
| 2018232364              | <b><u>F04C 2/-</u></b>  | 2016235481              | <b><u>G01S 17/-</u></b> | <b><u>G06F 13/-</u></b> | <b><u>G06T 9/-</u></b>  |
| <b><u>E04G 11/-</u></b> | 2018264125              | 2016235481              | 2019210120              | 2016245421              | <b><u>G06T 9/-</u></b>  |
| 2018271283              | <b><u>F04D 17/-</u></b> | <b><u>F25D 9/-</u></b>  | <b><u>G01S 3/-</u></b>  | 2018256576              | <b><u>G06T 9/-</u></b>  |
|                         | 2018218207              | 2016235481              | 2018226784              | <b><u>G06F 16/-</u></b> | <b><u>G06T 9/-</u></b>  |
|                         |                         |                         | <b><u>G01S 5/-</u></b>  | 2019204976              | <b><u>G06T 9/-</u></b>  |
|                         |                         |                         | 2019201154              | 2019205025              | <b><u>G06T 9/-</u></b>  |
|                         |                         |                         | <b><u>G01V 1/-</u></b>  | <b><u>G06F 17/-</u></b> | <b><u>G06T 9/-</u></b>  |
|                         |                         |                         | 2019202658              | 2015302917              | <b><u>G06T 9/-</u></b>  |
|                         |                         |                         |                         |                         | <b><u>G09B 9/-</u></b>  |

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|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| 2019200025               | <b><u>H02J 3 /-</u></b>  | <b><u>H04M 1 /-</u></b>  |
| <b><u>G10K 11 /-</u></b> | 2017385371               | 2016282214               |
| 2018256833               | <b><u>H02J 50 /-</u></b> | 2018269394               |
| <b><u>G10L 15 /-</u></b> | 2016321421               | 2018274298               |
| 2019202382               | <b><u>H02J 7 /-</u></b>  | <b><u>H04M 11 /-</u></b> |
| <b><u>H01B 13 /-</u></b> | 2016321421               | 2016282214               |
| 2014405826               | <b><u>H02K 21 /-</u></b> | <b><u>H04M 3 /-</u></b>  |
| <b><u>H01B 3 /-</u></b>  | 2019216612               | 2017386983               |
| 2016299374               | <b><u>H02K 5 /-</u></b>  | <b><u>H04N 5 /-</u></b>  |
| <b><u>H01B 7 /-</u></b>  | 2019201082               | 2017250112               |
| 2014405826               | <b><u>H02M 7 /-</u></b>  | <b><u>H04W 28 /-</u></b> |
| 2016246066               | 2017336032               | 2017352905               |
| <b><u>H01F 38 /-</u></b> | 2017385371               | <b><u>H04W 36 /-</u></b> |
| 2016321421               | <b><u>H02P 21 /-</u></b> | 2017209047               |
| <b><u>H01H 33 /-</u></b> | 2017336032               | <b><u>H04W 4 /-</u></b>  |
| 2016434707               | <b><u>H02P 27 /-</u></b> | 2017386981               |
| <b><u>H01H 47 /-</u></b> | 2017336032               | 2017386983               |
| 2017413249               | <b><u>H02S 10 /-</u></b> | <b><u>H04W 40 /-</u></b> |
| <b><u>H01H 50 /-</u></b> | 2018217279               | 2018258169               |
| 2016246066               | <b><u>H02S 20 /-</u></b> | <b><u>H04W 48 /-</u></b> |
| <b><u>H01J 37 /-</u></b> | 2018226784               | 2015411026               |
| 2017418323               | <b><u>H04B 10 /-</u></b> | 2017335889               |
| <b><u>H01J 49 /-</u></b> | 2019231761               | <b><u>H04W 52 /-</u></b> |
| 2015278346               | <b><u>H04B 11 /-</u></b> | 2017258597               |
| <b><u>H01L 31 /-</u></b> | 2019201154               | <b><u>H04W 72 /-</u></b> |
| 2018226784               | <b><u>H04B 7 /-</u></b>  | 2016428724               |
| 2018279060               | 2017271954               | 2017258597               |
| <b><u>H01L 41 /-</u></b> | 2017277570               | <b><u>H04W 74 /-</u></b> |
| 2015289046               | 2018258169               | 2017271954               |
| <b><u>H01M 2 /-</u></b>  | 2018282270               | 2017277570               |
| 2018202919               | <b><u>H04L 1 /-</u></b>  | <b><u>H04W 76 /-</u></b> |
| <b><u>H01T 19 /-</u></b> | 2017386981               | 2017386981               |
| 2017418323               | <b><u>H04L 12 /-</u></b> | <b><u>H04W 8 /-</u></b>  |
| <b><u>H02G 1 /-</u></b>  | 2017322500               | 2018213630               |
| 2016246066               | 2017386981               | <b><u>H04W 88 /-</u></b> |
| <b><u>H02G 15 /-</u></b> | 2018258169               | 2018269394               |
| 2015397106               | 2019210629               | <b><u>H05B 6 /-</u></b>  |
| <b><u>H02G 3 /-</u></b>  | <b><u>H04L 29 /-</u></b> | 2015309164               |
| 2016256205               | 2016257995               | 2017335675               |
|                          | 2017386983               |                          |
|                          | <b><u>H04L 5 /-</u></b>  |                          |
|                          | 2017209047               |                          |
|                          | 2017335889               |                          |

**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(71) Advanced Substructures Ltd  
 (11) AU-B-2019101512  
 (21) 2019101512 (22) 04.12.2019  
 (54) A method of constructing a column, a subterranean structure, and a structure made from the method.  
 (51) Int. Cl.  
     E02D 17/04 ( 2006.01 )  
     E02D 17/08 ( 2006.01 )  
     E02D 17/13 ( 2006.01 )  
 (45) 17.09.2020  
 (62) 2016102394  
 (72) Airey, Peter Grant; Matty, Bassam Suleiman  
 (74) WRAYS PTY LTD

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(71) Aero-Tech Pty Ltd  
 (11) AU-B-2019101506  
 (21) 2019101506 (22) 03.12.2019  
 (54) Device for collecting debris  
 (51) Int. Cl.  
     E01H 1/04 ( 2006.01 )  
     A47L 11/00 ( 2006.01 )  
     E01H 15/00 ( 2006.01 )  
 (45) 17.09.2020  
 (62) 2016349935  
 (72) TOZER, Warwick  
 (74) Davies Collison Cave Pty Ltd

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(71) Apple Inc.  
 (11) AU-B-2020101324  
 (21) 2020101324 (22) 10.07.2020  
 (54) Multi-participant live communication user interface  
 (51) Int. Cl.  
     G06F 3/14 ( 2006.01 )  
 (45) 17.09.2020  
 (62) 2019101062  
 (72) VAN OS, Marcel; BROUGHTON, Lee S.; CALLAWAY, Peter; CARO, Pablo F.; CHANG, Jae Woo; DRYER, Allison; DYE, Alan; FEDERIGHI, Craig M.; GARCIA, Robert; KING, Nicholas V.; LEMAY, Stephen O.; LOUCH, John; PHAM, Hoan  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Coulter Ventures LLC  
 (11) AU-B-2020101350  
 (21) 2020101350 (22) 13.07.2020  
 (54) Exercise bike  
 (51) Int. Cl.  
     A63B 21/008 ( 2006.01 )  
     A63B 21/00 ( 2006.01 )  
     A63B 22/00 ( 2006.01 )  
     A63B 22/06 ( 2006.01 )  
 (45) 17.09.2020  
 (62) 2018421450  
 (72) JONES, Dylan; DUBBERLEY, Matt; BURGESS, Patrick  
 (74) Griffith Hack

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(71) EzoTech Inc.  
 (11) AU-B-2018101260  
 (21) 2018101260 (22) 29.08.2018  
 (54) Automated Security Testing System and Method  
 (51) Int. Cl.  
     G06F 21/55 ( 2013.01 )  
 (31) 62/763,121 (32) 29.06.18 (33) US  
 (45) 17.09.2020  
 (72) Picard, Michael  
 (74) Chrysiliou IP

**Numerical Index**

**2018101260** EzoTech Inc.  
**2019101506** Aero-Tech Pty Ltd  
**2019101512** Advanced Substructures Ltd  
**2020101324** Apple Inc.  
**2020101350** Coulter Ventures LLC

**IPC Index**

**A47L 11 /-**

2019101506

**A63B 21 /-**

2020101350

**A63B 22 /-**

2020101350

**E01H 1 /-**

2019101506

**E01H 15 /-**

2019101506

**E02D 17 /-**

2019101512

**G06F 21 /-**

2018101260

**G06F 3 /-**

2020101324



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn**

2018100790 **Shriro Australia Pty Limited** ( Pacific Trends International Pty Ltd )

**Patents Granted**

**Standard Patents**

2013408259 2014281031 2014331142 2014331652  
 2014331954 2014337555 2014340450 2014342214  
 2014342832 2014346770 2014354970 2014356500  
 2014360323 2014367635 2014368857 2014369793  
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**Patents Granted**

**Standard Patents**

2017305300 2017306504 2017306506 2017307115  
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 2017323557 2017326502 2017335622 2017342548  
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 2019204440 2019204941 2019208142 2019208220  
 2019210636 2019213415 2019264604 2019272033  
 2019291491 2019314766 2019359618 2020200566  
 2020201117

**Innovation Patents**

2016102447 2018102176 2020101497 2020101581  
 2020101602 2020101605 2020101616 2020101621  
 2020101642 2020101650 2020101654 2020101661  
 2020101662 2020101669 2020101670 2020101675  
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 2020101754 2020101755 2020101756 2020101757  
 2020101758 2020101759 2020101761 2020101762  
 2020101763 2020101764 2020101765 2020101766  
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 2020101778 2020101779 2020101780 2020101781

**Patents Granted**

**Innovation Patents**

|            |            |            |            |
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| 2020101782 | 2020101784 | 2020101785 | 2020101787 |
| 2020101788 | 2020101789 | 2020101790 | 2020101791 |
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| 2020101796 | 2020101797 | 2020101798 | 2020101799 |
| 2020101800 | 2020101801 | 2020101802 | 2020101803 |
| 2020101804 | 2020101805 | 2020101806 | 2020101807 |
| 2020101808 | 2020101809 | 2020101810 | 2020101814 |
| 2020101815 |            |            |            |

**Offer to Surrender**

It is hereby notified that **Glanbia Nutritionals Glanbia House , Kilkenny** , the Patentee of Patent 2008274969 dated 07.08.2014 for an invention titled 'Method for removing endotoxin from proteins' 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.

It is hereby notified that **Glanbia Nutritionals Glanbia House , Kilkenny** , the Patentee of Patent 2014201943 dated 10.11.2016 for an invention titled 'METHOD FOR REMOVING ENDOTOXIN FROM PROTEINS' 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.

**Revocation**

It is hereby notified that the offer by the Patentee **University of Saskatchewan; Nortek Air Solutions Canada, Inc.** to surrender Patent 2015230799 which was advertised in the Official Journal of 30.07.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

|            |                                  |   |
|------------|----------------------------------|---|
| 2003228270 | Relco Unisystems Corporation     | The patent has been assigned to <b>RELCO, LLC</b>                         |
| 2005202366 | Paradise Motor Homes Pty Ltd     | The patent has been assigned to <b>PMH Manufacturing Pty Limited</b>      |
| 2007200992 | Discovery Holdings Limited       | The patent has been assigned to <b>Vitality Group International, Inc.</b> |
| 2007205140 | CareFusion 212, LLC              | The patent has been assigned to <b>Care-Fusion 207, Inc.</b>              |
| 2008243087 | Discovery Holdings Limited       | The patent has been assigned to <b>Vitality Group International, Inc.</b> |
| 2009222583 | Ryser, Andreas                   | The patent has been assigned to <b>Moeteli, John</b>                      |
| 2009272395 | Lux Assure Limited               | The patent has been assigned to <b>Anpera Technologies Limited</b>        |
| 2009297003 | Boston Scientific Scimed, Inc.   | The patent has been assigned to <b>Minerva Surgical, Inc.</b>             |
| 2010200655 | Paradise Motor Homes Pty Ltd     | The patent has been assigned to <b>PMH Manufacturing Pty Limited</b>      |
| 2010241439 | Schroeder Nominees Pty. Limited  | The patent has been assigned to <b>MARIC FLOW CONTROL PTY LTD</b>         |
| 2010294356 | NOD Apiary Products Ltd; BASF SE | The patent has been assigned to <b>NOD Apiary Products Ltd</b>            |
| 2012209009 | Paradise Motor Homes Pty Ltd     | The patent has been assigned to <b>PMH Manufacturing Pty Limited</b>      |

**Assignments Registered**

|            |                                |  |
|------------|--------------------------------|--|
| 2012227161 | Paradise Motor Homes Pty Ltd   | The patent has been assigned to <b>PMH Manufacturing Pty Limited</b>           |
| 2012332231 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2013209409 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2013270627 | Paradise Motor Homes Pty Ltd   | The patent has been assigned to <b>PMH Manufacturing Pty Limited</b>           |
| 2013349647 | Moog Unna GmbH                 | The patent has been assigned to <b>KEBA Industrial Automation Germany GmbH</b> |
| 2014236055 | General Electric Company       | The patent has been assigned to <b>Global Life Sciences Solutions USA LLC</b>  |
| 2015202294 | ProductVisionaries, LLC        | The patent has been assigned to <b>BasilHealth, LLC</b>                        |
| 2015253317 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2016201567 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2016204170 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2016311253 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2016312493 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2016330390 | Sanochemia Pharmazeutika AG    | The patent has been assigned to <b>Sanochemia Pharmazeutika GmbH</b>           |
| 2016331656 | Sanochemia Pharmazeutika AG    | The patent has been assigned to <b>Sanochemia Pharmazeutika GmbH</b>           |
| 2017101692 | Aussie Traveller Pty Ltd       | The patent has been assigned to <b>Aussie Recreation Pty Ltd</b>               |
| 2017101693 | Aussie Traveller Pty Ltd       | The patent has been assigned to <b>Aussie Recreation Pty Ltd</b>               |
| 2017208288 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2017228605 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2017339448 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2018247801 | Covagen AG                     | The patent has been assigned to <b>Cilag GmbH International</b>                |
| 2018260831 | Boston Scientific Scimed, Inc. | The patent has been assigned to <b>Minerva Surgical, Inc.</b>                  |
| 2019100117 | Aussie Traveller Pty Ltd       | The patent has been assigned to <b>Aussie Recreation Pty Ltd</b>               |
| 2019101323 | Morris, David; Jebbink, Daniel | The patent has been assigned to <b>Marine Composites IP Pty Ltd</b>            |
| 2020101166 | Morris, David; Jebbink, Daniel | The patent has been assigned to <b>Marine Composites IP Pty Ltd</b>            |

### 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.

2018206745 **Mundipharma Pty. Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2020

For the goods TARGIN oxycodone hydrochloride / naloxone hydrochloride

Address for service : Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

### Corrigenda

In Vol 33 , No 32 , Page(s) 4634 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name NantCell, Inc., Application No. 2018219862, under INID (71) add co-applicants Nant Holding IP, LLC

In Vol 34 , No 34 , Page(s) 4775 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CCompass Contract Services (U.K.) Limited, Application No. 2019207946, under INID (71) correct the applicant name to Compass Contract Services (U.K.) Limited

In Vol 34 , No 36 , Page(s) 5031 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2016** Delete all reference to 2016323965.

In Vol 34 , No 36 , Page(s) 5033 under the heading **Assignments Before Grant, Section 113 - 2018** Under the name The University of North Carolina at Chapel Hill, Application No. 2018244192, under INID (71) add co-applicants Redbud Labs, Inc.

In Vol 34 , No 36 , Page(s) 5112 under the heading **Applications Accepted - Name Index** Under the name ANTE-RIOS, INC., Application No. 2019201902, under INID (71) correct the applicant name to Anterios, Inc.

### Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2016390488 **Accendatech; Tianjin International Joint Academy of Biotechnology & Medicine**  
 2017202253 **MTD Products Inc**  
 2018314472 **Beijing Joekai Biotech. LLC**  
 2019207731 **BrightSeed, Inc.**  
 2019236724 **Vuly IP Holdings No. 2 Pty Ltd**