



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	1884
Amendments Made .....	1884
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	1886

#### Applications Accepted

Name Index .....	1953
Numerical Index .....	1993
IPC Index .....	1997

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	1878
---	------

#### Applications Open to Public Inspection

Name Index .....	1888
Numerical Index .....	1900
IPC Index .....	1902

Assignments before Grant, Section 113 .....	1881
---	------

Assignments Registered .....	2007
------------------------------	------

#### Certified Innovation Patents

Name Index .....	2004
Numerical Index .....	2005
IPC Index .....	2006

#### Complete Applications Filed

Name Index .....	1854
Numerical Index .....	1858

Corrigenda .....	2008
------------------	------

Discharge of a Licence .....	
------------------------------	--

<b>Extensions of Term of Standard Patents .....</b>	<b>2008</b>
<b>Extensions of Time, Section 223 .....</b>	<b>1882</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	1859
Numerical Index .....	1875
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	1904
Numerical Index .....	1912
IPC Index .....	1913
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	1915
Numerical Index .....	1944
IPC Index .....	1947
<b>Patents Granted .....</b>	<b>2007</b>
<b>Opposition Proceedings .....</b>	<b>2007</b>
<b>Provisional Applications Filed</b>	
Name Index .....	1848
Numerical Index .....	1853
<b>Specifications Republished .....</b>	<b>2008</b>

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Mar 2021 .

<hr/> <p>(71) Alcoa of Australia Limited (21) 2021900633 (22) 05.03.2021 (54) Method of preparing alumina</p> <hr/> <p>(71) Alpha Solar Technologies Pty Ltd (21) 2021900691 (22) 10.03.2021 (54) A PHOTOVOLTAIC MODULE HAVING A DESIRED APPEARANCE</p> <hr/> <p>(71) Angelico, B. (21) 2021900613 (22) 04.03.2021 (54) BXB Refining Process</p> <hr/> <p>(71) Assa Abloy New Zealand Limited (21) 2021900622 (22) 05.03.2021 (54) FURNITURE WITH A LATERALLY MOVABLE HAND-OPERABLE MEMBER FOR A MORTISE LOCK ASSEMBLY IN A SLIDING PANEL</p> <hr/> <p>(71) Attey, G. (21) 2021900662 (22) 09.03.2021 (54) IMPROVEMENTS IN STRINGED MUSICAL INSTRUMENTS</p> <hr/> <p>(71) AusDiagnostics Pty Ltd (21) 2021900604 (22) 04.03.2021 (54) Liquid handling robot attachment</p> <hr/> <p>(71) AVI Pty Ltd (21) 2021900595 (22) 03.03.2021 (54) Modular RF Shielded Enclosure</p> <hr/> <p>(71) Base Bathroom Pods Pty Limited (21) 2021900599 (22) 04.03.2021 (54) Method &amp; System for Installing a Plumbing Connection between a Prefabricated Building Structure and a Building Structure</p> <hr/>	<p>(71) Battery Graphene Corp Pty Ltd (21) 2021900673 (22) 10.03.2021 (54) Battery assembly</p> <hr/> <p>(71) Beltrame, C. (21) 2021900526 (22) 26.02.2021 (54) The Recyclables Separation, Storage &amp; Automated Collection System (RSSACS) represents an integrated solution &amp; methodology for an effective householder recovery &amp; downstream separation of householder recyclables.</p> <hr/> <p>(71) Biosceptre (Aust) Pty Ltd (21) 2021900708 (22) 11.03.2021 (54) Novel Cell Therapy System</p> <hr/> <p>(71) Biotome Pty Ltd (21) 2021900616 (22) 04.03.2021 (54) Peptides and their use in diagnosis</p> <hr/> <p>(71) Biotome Pty Ltd (21) 2021900617 (22) 04.03.2021 (54) Peptides and their use in diagnosis</p> <hr/> <p>(71) Blackmores Ltd (21) 2021900644 (22) 08.03.2021 (54) Compositions and methods for maintaining/improving liver and kidney health</p> <hr/> <p><b>BLIS TECHNOLOGIES LIMITED see JAIN, R.</b> (21) 2021900605</p> <hr/> <p>(71) Bottled Pty Ltd (21) 2021900647 (22) 08.03.2021 (54) Container Assembly</p> <hr/> <p><b>Brennan, P. see King, J.</b> (21) 2021900625</p> <hr/>	<p>(71) Breville Pty Limited (21) 2021900674 (22) 10.03.2021 (54) Filter cup and grinder</p> <hr/> <p>(71) Cahejo Pty Ltd (21) 2021900624 (22) 05.03.2021 (54) PLOUGH ASSEMBLY</p> <hr/> <p>(71) Carden, B. (21) 2021900608 (22) 04.03.2021 (54) A therapeutic massage device</p> <hr/> <p>(71) Carina Biotech Pty Ltd (21) 2021900687 (22) 10.03.2021 (54) Methods for Purifying T Cells</p> <hr/> <p>(71) cassar, t. (21) 2021900543 (22) 27.02.2021 (54) Stainless steel accessory bracket to suit 70 series Landcruiser</p> <hr/> <p>(71) CellaED Life Saver Pty Ltd (21) 2021900706 (22) 11.03.2021 (54) Artificial external defibrillator apparatus</p> <hr/> <p>(71) CellaED Life Saver Pty Ltd (21) 2021900712 (22) 11.03.2021 (54) Artificial external defibrillator apparatus</p> <hr/> <p>(71) Chang Gung Memorial Hospital, Keelung (21) 2021900682 (22) 10.03.2021 (54) PHARMACEUTICAL COMPOSITIONS AND METHODS FOR REDUCING EFFECTS OF ALCOHOL CONSUMPTION</p> <hr/> <p><b>Chow, A. see Wong, S.</b> (21) 2021900694</p> <hr/>
--	--	--

Provisional Applications Filed - Name Index cont'd

(71) Clearblue Software Pty Ltd  
(21) 2021900707 (22) 11.03.2021  
(54) A DEVICE FOR POWER TRANSFORMATION AND PHOTONIC IRRADIATION

(71) Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd  
(21) 2021900593 (22) 03.03.2021  
(54) Production of phospholipids in microbes and uses thereof

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2021900606 (22) 04.03.2021  
(54) A PROCESS OF FORMING AN ELECTRODE INTERCONNECTION IN AN INTEGRATED MULTILAYER THIN-FILM ELECTRONIC DEVICE

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2021900632 (22) 05.03.2021  
(54) Functionalised hydrogels

(71) CORBETT, J.  
(21) 2021900654 (22) 08.03.2021  
(54) System and Method of Delivering Material to Low Earth Orbit

(71) Cosmos Solar Pty Ltd  
(21) 2021900611 (22) 04.03.2021  
(54) A HOTPLATE ASSEMBLY FOR AN ELECTRIC BARBEQUE

(71) Cotton Seed Distributors Ltd  
(21) 2021900656 (22) 09.03.2021  
(54) METHOD AND SYSTEM FOR MONITORING A COTTON CROP

(71) Cripps Clark, J.  
(21) 2021900642 (22) 08.03.2021  
(54) H4Z : Systems to identify, model, certify, verify and authentically counter-balance components of enterprises involving Scope 1, 2 and 3 emissions by direct association with products and processes in defined limited scenarios that will absorb or sink equivalent emissions &/or compensate for the negative climate effects of designated emissions.

(71) Devico AS  
(21) 2021900636 (22) 05.03.2021  
(54) SURVEY SYSTEM FOR BLAST HOLE DRILLING RIGS

(71) Drury, E.; Sunil, M.; Munday, A.; Nann, T.; Heimlich, L.  
(21) 2021900589 (22) 03.03.2021  
(54) A DEVICE FOR POSITIVE REINFORCEMENT ANIMAL TRAINING

(71) EC Pharma  
(21) 2021900597 (22) 04.03.2021  
(54) A composition

(71) EC Pharma Pty Ltd  
(21) 2021900609 (22) 04.03.2021  
(54) Vaporizing device and methods

**EGGE, M. see EGGE, P.**  
(21) 2021900640

(71) Egge, P.; Egge, M.  
(21) 2021900640 (22) 08.03.2021  
(54) Counter Surveillance Scanning Device and System

(71) EKK Holdings Pty Ltd  
(21) 2021900684 (22) 10.03.2021  
(54) A MOBILE GUARD RAIL ASSEMBLY AND METHOD OF USE THEREOF

(71) Ellen Medical Devices Pty Ltd  
(21) 2021900704 (22) 11.03.2021  
(54) SYSTEM, METHOD AND DEVICE FOR TREATING A LIQUID

(71) Ellen Medical Devices Pty Ltd  
(21) 2021900705 (22) 11.03.2021  
(54) DISTILLATION AND AIR PURIFICATION DEVICE AND METHOD

(71) EMvision Medical Devices Ltd  
(21) 2021900610 (22) 04.03.2021  
(54) APPARATUS AND PROCESS FOR ELECTROMAGNETIC IMAGING

(71) Ena Respiratory Pty Ltd  
(21) 2021900689 (22) 10.03.2021  
(54) Improved vaccine composition

(71) Ethos Consulting Group Pty Ltd  
(21) 2021900428 (22) 19.02.2021  
(54) An Automatic Electric Gun

(71) EVOKEEDGE PTY LTD  
(21) 2021900618 (22) 04.03.2021  
(54) Contextual Behavioural Activity Score Based Trust Algorithm for Edge Computing

(71) Fable Holdings Pty Ltd  
(21) 2021900653 (22) 08.03.2021  
(54) NATIVE-WHOLE-STARCH BASED FAT REPLACER

(71) Fitbrix Pty Ltd  
(21) 2021900667 (22) 09.03.2021  
(54) System and method of customer relationship to manage business capacity and availability in real-time

(71) Fusetec 3D Pty Ltd  
(21) 2021900634 (22) 05.03.2021  
(54) Surgical Airway Mask

(71) Gardner, A.  
(21) 2021900658 (22) 09.03.2021  
(54) Household waste and recycling system and method.

(71) GenieUs Genomics Pty Ltd  
(21) 2021900627 (22) 05.03.2021  
(54) Biomarkers for MND and Nanodelivery vehicles

(71) Gooden, A.  
(21) 2021900615 (22) 04.03.2021  
(54) Heat Shield

(71) Greirson, K.  
(21) 2021900619 (22) 05.03.2021  
(54) Ranger Crane R45

(71) Greirson, K.  
(21) 2021900620 (22) 05.03.2021  
(54) Green Energy Mining Truck

(71) Growplay Pty Ltd  
(21) 2021900603 (22) 04.03.2021  
(54) PLAYGROUND ASSEMBLY

**HALE, J. see JAIN, R.**  
(21) 2021900605

(71) Hanrob Professionals Pty Limited  
(21) 2021900663 (22) 09.03.2021  
(54) ANIMAL TRANSFER APPARATUS

**HEIMLICH, L. see DRURY, E.**  
(21) 2021900589

(71) HENDERSON, D.; RAJENDRAM, G.  
(21) 2021900698 (22) 11.03.2021  
(54) LIMING MATERIAL

Provisional Applications Filed - Name Index cont'd

(71) HITIQ Limited  
 (21) 2021900584 (22) 03.03.2021  
 (54) A PROTECTIVE MOUTHGUARD DEVICE CONFIGURED TO ENABLE MEASUREMENT OF CIRCULATORY SYSTEM PARAMETERS

(71) HITIQ Limited  
 (21) 2021900594 (22) 03.03.2021  
 (54) IMPROVED PROCESSING OF DATA COLLECTED VIA AN INSTRUMENTED MOUTHGUARD DEVICE, INCLUDING IDENTIFICATION OF FALSE IMPACTS

(71) Howison, M.  
 (21) 2021900626 (22) 05.03.2021  
 (54) My invention is a re-usable fire blanket that is 10 Metres Long X 6 Meters Wide (length and width are approximate, but can vary dependent on usage). It is made of the same class of Fire Blankets used in the kitchen, Aramid/Kevlar or Others fire resistant products. The blankets can be strung along a fence line and connected by Snap buttons or Velcro, or other suitable binders to be determined.

(71) Howison, M.  
 (21) 2021900630 (22) 05.03.2021  
 (54) A physical area/compound that can be built centrally on a farm. This compound may be 50 meters square, larger or smaller depending on need. The compound can also be of other shapes as well to suit topography. In this compound is also gates that can be opened and closed as needed. When a fire is coming, the farmer gates his stock together and drives them into the compound and closes the gates. This locks away the stock. Then he places over this fence enough Fire Stock Blanket to make a barrier against the coming fire. My invention is the Fire Stock Blanket, made from Aramid/Kevlar/Wool.

(71) Howison, M.  
 (21) 2021900631 (22) 05.03.2021  
 (54) Fire House Blanket, a Aramid/Kevlar/wool blend blanket that is used to protect the home from bushfire and grass fire. The blanket are long enough and wide enough to hang from the roof, down the side of the property. They attach to the roof line by hooks (or other device) that are a permanently positioned. The blanket also lock together with other blankets to make a complete wall and the blankets are secured to the ground with hooks or other devices.

(71) Imagine Ideas and Design Pty Ltd  
 (21) 2021900596 (22) 04.03.2021  
 (54) BOX N BOLT CONSTRUCTION SYSTEM

(71) INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.  
 (21) 2021900637 (22) 05.03.2021  
 (54) Drill Hole Tracer

(71) JAIN, R.; HALE, J.; VOSS, A.; BLIS TECHNOLOGIES LIMITED  
 (21) 2021900605 (22) 04.03.2021  
 (54) TOPICAL COMPOSITION AND USE THEREOF

(71) Jayaram, N.  
 (21) 2021900641 (22) 08.03.2021  
 (54) SELF INSTALLING FLOATING OFF-SHORE WIND TURBINE

(71) JORGENSON-WATTS IP PTY LTD  
 (21) 2021900652 (22) 08.03.2021  
 (54) Attachment of Infill to Frame

(71) Karakasis, N.  
 (21) 2021900639 (22) 07.03.2021  
 (54) Application that connects store memberships with debit/credit cards (iMember)

(71) Kestrel Manufacturing Pty Ltd  
 (21) 2021900697 (22) 11.03.2021  
 (54) PROTECTIVE CLOTHING

(71) KINALTEK PTY. LTD.  
 (21) 2021900638 (22) 07.03.2021  
 (54) Long-term antifouling protection

(71) King, J.; Brennan, P.  
 (21) 2021900625 (22) 05.03.2021  
 (54) Improvements in bicycle seats

(71) Leisk, J.  
 (21) 2021900688 (22) 10.03.2021  
 (54) Enzymatic deficiency disorder treatments

(71) Lo, H.  
 (21) 2021900664 (22) 09.03.2021  
 (54) Convertible suitcase

(71) Lotions & Potions Pty Ltd  
 (21) 2021900681 (22) 10.03.2021  
 (54) A device for applying liquid to a surface area

(71) LTH Holdings Pty Ltd  
 (21) 2021900676 (22) 10.03.2021  
 (54) Liquid Separator System

(71) M2P Engineering Pty Ltd  
 (21) 2021900649 (22) 08.03.2021  
 (54) Method and Apparatus for Use in Stope Backfill Mining

(71) Martin, C.  
 (21) 2021900711 (22) 11.03.2021  
 (54) Wind Powered Generator

(71) Meltech Pty Ltd  
 (21) 2021900650 (22) 08.03.2021  
 (54) Apparatus And Method Of Recharging Glass Slides In A Laboratory

(71) Modesto, L.  
 (21) 2021900602 (22) 04.03.2021  
 (54) A hyper-scale cloud environment standard control deviation remediation application

(71) Monash University  
 (21) 2021900685 (22) 10.03.2021  
 (54) Methods and cellular structures (2)

(71) Monash University  
 (21) 2021900686 (22) 10.03.2021  
 (54) Induced stem cells (2)

(71) More, G.  
 (21) 2021900713 (22) 11.03.2021  
 (54) DRIVER'S SUN PROTECTION ARM SLEEVE

Munday, A. see Drury, E.  
 (21) 2021900589

Nann, T. see Drury, E.  
 (21) 2021900589

(71) Newcrest Mining Limited  
 (21) 2021900628 (22) 05.03.2021  
 (54) RECOVERING VALUABLE MATERIAL FROM AN ORE

(71) NewSouth Innovations Pty Limited  
 (21) 2021900699 (22) 11.03.2021  
 (54) Shape memory alloy

(71) NewSouth Innovations Pty Limited  
 (21) 2021900700 (22) 11.03.2021  
 (54) Quantum processing element and quantum processing system

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited  
(21) 2021900702 (22) 11.03.2021  
(54) Qubit and quantum processing system

(71) Next Level Racing Simulations Pty Ltd  
(21) 2021900665 (22) 09.03.2021  
(54) A SUPPORT FRAME ASSEMBLY AND METHODS OF USE THEREOF

**Nourish Ingredients Pty Ltd see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2021900593

(71) NTHALMIC HOLDING PTY LTD  
(21) 2021900657 (22) 09.03.2021  
(54) A TORIC DESIGN METHOD

(71) O'Keefe, C.  
(21) 2021900600 (22) 04.03.2021  
(54) A compact-form bath waste and method of installation thereof

(71) Occlusion X Pty. Ltd.  
(21) 2021900678 (22) 10.03.2021  
(54) Autonomous mobile decontamination device

(71) P & D Technology Holdings Pty. Ltd.  
(21) 2021900623 (22) 05.03.2021  
(54) A ROTOR FOR A BRUSHLESS ELECTRIC MOTOR

(71) Phillips, S.  
(21) 2021900695 (22) 11.03.2021  
(54) Pulsed Acoustic Trace for Pipe Location

(71) Pirie Enterprises Pty Ltd  
(21) 2021900646 (22) 08.03.2021  
(54) A PANEL ASSEMBLY AND METHOD OF USE THEREOF

(71) Poulton, T.; Wadsworth, T.  
(21) 2021900651 (22) 08.03.2021  
(54) Chess Set Accessory For Setting Up Chess Pieces On The Board And Storing The Pieces

(71) Progen PG500 Series Pty Ltd  
(21) 2021900614 (22) 04.03.2021  
(54) Methods of producing sulfated oligosaccharide derivatives and intermediates thereof

(71) Pump & Electrical Engineering Services Pty Ltd  
(21) 2021900701 (22) 11.03.2021  
(54) A water heating system and an intake and exhaust system thereof

(71) Pynt, M.  
(21) 2021900607 (22) 04.03.2021  
(54) Rota-Post A roof rail safety system

**RAJENDRAM, G. see HENDERSON, D.**  
(21) 2021900698

(71) Ryalex Holdings Pty Ltd  
(21) 2021900645 (22) 08.03.2021  
(54) A motionless person detection system

(71) SDI Limited  
(21) 2021900666 (22) 09.03.2021  
(54) MIXING AND DISPENSING CONTAINER

(71) Seeing Machines Limited  
(21) 2021900680 (22) 10.03.2021  
(54) IMPROVED DRIVER MONITORING WITH ELECTRICALLY SWITCHED POLARIZATION

(71) Sergi, P.  
(21) 2021900655 (22) 08.03.2021  
(54) MOUTHPIECE FOR PAP THERAPY

(71) Shane Miles  
(21) 2021900683 (22) 10.03.2021  
(54) WHEEL CARRIER

(71) Shaw, T.  
(21) 2021900661 (22) 09.03.2021  
(54) Lay Flat Hammock Tent

(71) Siakavelis, F.  
(21) 2021900675 (22) 10.03.2021  
(54) Service pit with fitting and fitting thereof

(71) Silverhorse Innovation Pty Ltd  
(21) 2021900643 (22) 08.03.2021  
(54) Liquid Evaporation System

(71) SIS Technologies Pty Ltd  
(21) 2021900660 (22) 09.03.2021  
(54) Arrangement for slurry density control

(71) SOMMER-TECHNIK GmbH  
(21) 2021900693 (22) 10.03.2021  
(54) AN APPARATUS AND A METHOD FOR HANGING A CLOSURE

(71) SomnoMed Limited  
(21) 2021900648 (22) 08.03.2021  
(54) An intelligent intra-oral device

(71) Speed, T.  
(21) 2021900598 (22) 04.03.2021  
(54) A STORAGE CONTAINER FOR A VEHICLE

(71) Stealth Technologies Pty Ltd  
(21) 2021900668 (22) 09.03.2021  
(54) Weed Detector and Method of Weed Detection

**Sunil, M. see Drury, E.**  
(21) 2021900589

(71) Synlait Milk Limited  
(21) 2021900671 (22) 10.03.2021  
(54) NUTRITIONAL COMPOSITIONS AND METHODS RELATED THERETO

(71) Synlait Milk Limited  
(21) 2021900672 (22) 10.03.2021  
(54) NUTRITIONAL COMPOSITIONS AND METHODS RELATED THERETO

(71) TAG 360 PTY LIMITED  
(21) 2021900692 (22) 10.03.2021  
(54) Shabu Lite | Device for heating (vaporising) medicinal and chemical compounds for inhalation

(71) TECHNOBAKE PTY LTD  
(21) 2021900677 (22) 10.03.2021  
(54) Method of detecting earth leakage using Tell-tale device

(71) TERRA SANA CONSULTANTS PTY LTD  
(21) 2021900690 (22) 10.03.2021  
(54) "A METHOD AND APPARATUS FOR COLLECTING REPRESENTATIVE WATER SAMPLES FROM AUTONOMOUS UNMANNED VEHICLES (AUVS)"

(71) Tesla UV Decontamination Systems Pty. Ltd.  
(21) 2021900635 (22) 05.03.2021  
(54) Hand decontaminator

(71) THE EVER CHILL SLIDER PTY LTD  
(21) 2021900703 (22) 11.03.2021  
(54) No contact method for cooling liquid

(71) The Trustee for Daly Hollier Trust  
(21) 2021900601 (22) 04.03.2021  
(54) Smooth finish structural repair patch

(71) The University of Adelaide  
(21) 2021900659 (22) 09.03.2021  
(54) PIPELINE ANOMALY DETECTION METHOD AND SYSTEM

## Provisional Applications Filed - Name Index cont'd

---

(71) THE UNIVERSITY OF ADELAIDE  
(21) 2021900679 (22) 10.03.2021  
(54) A Device, System, Method and Software Application for Structural Monitoring

---

(71) Vernx Biotechnology Pty Ltd  
(21) 2021900612 (22) 04.03.2021  
(54) METHODS FOR INCREASING THE BRANCHED CHAIN FATTY ACID CONTENT IN RUMINANTS

---

VOSS, A. see JAIN, R.  
(21) 2021900605

---

Wadsworth, T. see Poulton, T.  
(21) 2021900651

---

(71) Williams, E.  
(21) 2021900621 (22) 05.03.2021  
(54) A CONNECTION DEVICE

---

(71) Williams Racing Products Pty Ltd  
(21) 2021900629 (22) 05.03.2021  
(54) Front freewheel arrangement for bicycle

---

(71) Wong, S.; Chow, A.  
(21) 2021900694 (22) 10.03.2021  
(54) Hair Tool Holder and Hair Tool Accessories Drawer

Numerical Index

<b>2021900428</b>	Ethos Consulting Group Pty Ltd	<b>2021900652</b>	JORGENSON-WATTS IP PTY LTD
<b>2021900526</b>	Beltrame, C.	<b>2021900653</b>	Fable Holdings Pty Ltd
<b>2021900543</b>	cassar, t.	<b>2021900654</b>	CORBETT, J.
<b>2021900584</b>	HITIQ Limited	<b>2021900655</b>	Sergi, P.
<b>2021900589</b>	Drury, E.; Sunil, M.; Munday, A.; Nann, T.; Heimlich, L.	<b>2021900656</b>	Cotton Seed Distributors Ltd
<b>2021900593</b>	Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd	<b>2021900657</b>	NTHALMIC HOLDING PTY LTD
<b>2021900594</b>	HITIQ Limited	<b>2021900658</b>	Gardner, A.
<b>2021900595</b>	AVI Pty Ltd	<b>2021900659</b>	The University of Adelaide
<b>2021900596</b>	Imagine Ideas and Design Pty Ltd	<b>2021900660</b>	SIS Technologies Pty Ltd
<b>2021900597</b>	EC Pharma	<b>2021900661</b>	Shaw, T.
<b>2021900598</b>	Speed, T.	<b>2021900662</b>	Attey, G.
<b>2021900599</b>	Base Bathroom Pods Pty Limited	<b>2021900663</b>	Hanrob Professionals Pty Limited
<b>2021900600</b>	O'Keefe, C.	<b>2021900664</b>	Lo, H.
<b>2021900601</b>	The Trustee for Daly Hollier Trust	<b>2021900665</b>	Next Level Racing Simulations Pty Ltd
<b>2021900602</b>	Modesto, L.	<b>2021900666</b>	SDI Limited
<b>2021900603</b>	Growplay Pty Ltd	<b>2021900667</b>	Fitbrix Pty Ltd
<b>2021900604</b>	AusDiagnostics Pty Ltd	<b>2021900668</b>	Stealth Technologies Pty Ltd
<b>2021900605</b>	JAIN, R.; HALE, J.; VOSS, A.; BLIS TECHNOLOGIES LIMITED	<b>2021900671</b>	Synlait Milk Limited
<b>2021900606</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2021900672</b>	Synlait Milk Limited
<b>2021900607</b>	Pynt, M.	<b>2021900673</b>	Battery Graphene Corp Pty Ltd
<b>2021900608</b>	Carden, B.	<b>2021900674</b>	Breville Pty Limited
<b>2021900609</b>	EC Pharma Pty Ltd	<b>2021900675</b>	Siakavelis, F.
<b>2021900610</b>	EMvision Medical Devices Ltd	<b>2021900676</b>	LTH Holdings Pty Ltd
<b>2021900611</b>	Cosmos Solar Pty Ltd	<b>2021900677</b>	TECHNOBAKE PTY LTD
<b>2021900612</b>	Vernx Biotechnology Pty Ltd	<b>2021900678</b>	Occlusion X Pty. Ltd.
<b>2021900613</b>	Angelico, B.	<b>2021900679</b>	THE UNIVERSITY OF ADELAIDE
<b>2021900614</b>	Progen PG500 Series Pty Ltd	<b>2021900680</b>	Seeing Machines Limited
<b>2021900615</b>	Gooden, A.	<b>2021900681</b>	Lotions & Potions Pty Ltd
<b>2021900616</b>	Biotome Pty Ltd	<b>2021900682</b>	Chang Gung Memorial Hospital, Keelung
<b>2021900617</b>	Biotome Pty Ltd	<b>2021900683</b>	Shane Miles
<b>2021900618</b>	EVOKEEDGE PTY LTD	<b>2021900684</b>	EKK Holdings Pty Ltd
<b>2021900619</b>	Greirson, K.	<b>2021900685</b>	Monash University
<b>2021900620</b>	Greirson, K.	<b>2021900686</b>	Monash University
<b>2021900621</b>	Williams, E.	<b>2021900687</b>	Carina Biotech Pty Ltd
<b>2021900622</b>	Assa Abloy New Zealand Limited	<b>2021900688</b>	Leisk, J.
<b>2021900623</b>	P & D Technology Holdings Pty. Ltd.	<b>2021900689</b>	Ena Respiratory Pty Ltd
<b>2021900624</b>	Cahejo Pty Ltd	<b>2021900690</b>	TERRA SANA CONSULTANTS PTY LTD
<b>2021900625</b>	King, J.; Brennan, P.	<b>2021900691</b>	Alpha Solar Technologies Pty Ltd
<b>2021900626</b>	Howison, M.	<b>2021900692</b>	TAG 360 PTY LIMITED
<b>2021900627</b>	GenieUs Genomics Pty Ltd	<b>2021900693</b>	SOMMER-TECHNIK GmbH
<b>2021900628</b>	Newcrest Mining Limited	<b>2021900694</b>	Wong, S.; Chow, A.
<b>2021900629</b>	Williams Racing Products Pty Ltd	<b>2021900695</b>	Phillips, S.
<b>2021900630</b>	Howison, M.	<b>2021900697</b>	Kestrel Manufacturing Pty Ltd
<b>2021900631</b>	Howison, M.	<b>2021900698</b>	HENDERSON, D.; RAJENDRAM, G.
<b>2021900632</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2021900699</b>	NewSouth Innovations Pty Limited
<b>2021900633</b>	Alcoa of Australia Limited	<b>2021900700</b>	NewSouth Innovations Pty Limited
<b>2021900634</b>	Fusetec 3D Pty Ltd	<b>2021900701</b>	Pump & Electrical Engineering Services Pty Ltd
<b>2021900635</b>	Tesla UV Decontamination Systems Pty. Ltd.	<b>2021900702</b>	NewSouth Innovations Pty Limited
<b>2021900636</b>	Devico AS	<b>2021900703</b>	THE EVER CHILL SLIDER PTY LTD
<b>2021900637</b>	INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.	<b>2021900704</b>	Ellen Medical Devices Pty Ltd
<b>2021900638</b>	KINALTEK PTY. LTD.	<b>2021900705</b>	Ellen Medical Devices Pty Ltd
<b>2021900639</b>	Karakasis, N.	<b>2021900706</b>	CellAED Life Saver Pty Ltd
<b>2021900640</b>	EGGE, P.; EGGE, M.	<b>2021900707</b>	Clearblue Software Pty Ltd
<b>2021900641</b>	Jayaram, N.	<b>2021900708</b>	Biosceptre (Aust) Pty Ltd
<b>2021900642</b>	Cripps Clark, J.	<b>2021900711</b>	Martin, C.
<b>2021900643</b>	Silverhorse Innovation Pty Ltd	<b>2021900712</b>	CellAED Life Saver Pty Ltd
<b>2021900644</b>	Blackmores Ltd	<b>2021900713</b>	More, G.
<b>2021900645</b>	Ryalex Holdings Pty Ltd		
<b>2021900646</b>	Pirie Enterprises Pty Ltd		
<b>2021900647</b>	Bottled Pty Ltd		
<b>2021900648</b>	SomnoMed Limited		
<b>2021900649</b>	M2P Engineering Pty Ltd		
<b>2021900650</b>	Meltech Pty Ltd		
<b>2021900651</b>	Poulton, T.; Wadsworth, T.		



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Mar 2021 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2021201529 (22) 10.03.2021 (54) Contoured foam dressing shaped for providing negative pressure to incisions in the breast (62) 2018355103</p> <hr/> <p>(71) Ablynx NV (21) 2021201506 (22) 10.03.2021 (54) Techniques for predicting, detecting and reducing aspecific protein interference in assays involving immunoglobulin single variable domains (62) 2019201606</p> <hr/> <p>(71) Acres Technology (21) 2021201520 (22) 10.03.2021 (54) Drawing with Participant Interaction (62) 2019204424</p> <hr/> <p>(71) AgJunction LLC. (21) 2021201523 (22) 21.01.2021 (54) K-turn path controller (62) 2016259279</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2021201501 (22) 10.03.2021 (54) LNG PRODUCTION WITH NITROGEN REMOVAL (31) 16/818,168 (32) 13.03.20 (33) US</p> <hr/> <p><b>Alise Devices, S.L. see Universidad Politecnica de Madrid</b> (21) 2021201592</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021201547 (22) 11.03.2021 (54) Angiopoietin-like 3 (ANGPTL3) iRNA compositions and methods of use thereof (62) 2019226296</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2021201509 (22) 10.03.2021 (54) Electronics rack and vehicle comprising such a rack (31) 20 02407 (32) 11.03.20 (33) FR</p> <hr/> <p>(71) Ancestry.com DNA, LLC (21) 2021201500 (22) 10.03.2021</p>	<p>(54) Haplotype phasing models (62) 2015331619</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2021201556 (22) 11.03.2021 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2019202813</p> <hr/> <p><b>ANOKION SA see ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)</b> (21) 2021201504</p> <hr/> <p>(71) Apple Inc. (21) 2021201419 (22) 04.03.2021 (54) Device, method, and graphical user interface for adjusting the appearance of a control (62) 2017208225</p> <hr/> <p>(71) Arrowhead Pharmaceuticals, Inc. (21) 2021201584 (22) 12.03.2021 (54) RNAi inhibition of alpha-ENaC expression (62) 2018256632</p> <hr/> <p>(71) Auth0, Inc. (21) 2021201497 (22) 09.03.2021 (54) Multi-tenancy via code encapsulated in server requests (62) 2015353500</p> <hr/> <p>(71) Axon Enterprise, Inc. (21) 2021201597 (22) 12.03.2021 (54) Systems and Methods for Supplementing Captured Data (62) 2017348370</p> <hr/> <p>(71) BASF SE (21) 2021201498 (22) 09.03.2021 (54) Methods for making L-glufosinate (62) 2017227553</p> <hr/> <p>(71) Baxter Corporation Englewood (21) 2021201530 (22) 10.03.2021 (54) MEDICATION REQUISITION FULFILLMENT SYSTEM AND METHOD (62) 2019203303</p> <hr/> <p>(71) Best 1 Pet Food Company Pty Ltd (21) 2021201541 (22) 10.03.2021</p>	<p>(54) DOG FOOD STRIP AND USE THERE-OF IN WEIGHT MANAGEMENT</p> <hr/> <p>(71) Blackhawk Network, Inc. (21) 2021201577 (22) 12.03.2021 (54) A system for packaging, processing, activating, and deactivating multiple individual transaction cards as a singular unit (62) 2019201864</p> <hr/> <p>(71) BOE Technology Group Co., Ltd. (21) 2021201511 (22) 10.03.2021 (54) Pixel arrangement structure, display substrate, display device and mask plate group (62) 2018408152</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2021201558 (22) 11.03.2021 (54) SYSTEM AND METHOD FOR DETECTING WINDING FAULTS IN A GENERATOR (31) 16/837,701 (32) 01.04.20 (33) US</p> <hr/> <p><b>Centre National de la Recherche Scientifique see Galderma Research &amp; Development</b> (21) 2021201557</p> <hr/> <p>(71) Ceres, Inc. (21) 2021201537 (22) 10.03.2021 (54) Methods of increasing crop yield under abiotic stress (62) 2015289691</p> <hr/> <p>(71) CFPH, LLC (21) 2021201528 (22) 10.03.2021 (54) GAME AT CASH REGISTER (62) 2019203512</p> <hr/> <p>(71) Chevron Australia Pty Ltd; Chevron U.S.A. Inc. (21) 2021201562 (22) 11.03.2021 (54) Method of reducing mercury in stabilized condensate (31) 62/988,275 (32) 11.03.20 (33) US</p> <hr/> <p><b>Chevron U.S.A. Inc. see Chevron Australia Pty Ltd</b> (21) 2021201562</p>
---	--	--

Complete Applications Filed - Name Index cont'd

(71) CLASSIC HARDWARE SUPPLIERS  
PTY LTD

(21) 2021201578 (22) 12.03.2021

(54) Door Handle Mounting Structure Improvement

(71) CSER Ventures, LLC.

(21) 2021201569 (22) 11.03.2021

(54) System for generating an output file  
(62) 2015336114

(71) CSR Building Products Limited

(21) 2021201567 (22) 11.03.2021

(54) Improved Jointing System  
(62) 2015255227

(71) Cygnus Biosciences (Beijing) Co. Ltd.

(21) 2021201594 (22) 12.03.2021

(54) METHODS FOR OBTAINING AND  
CORRECTING BIOLOGICAL SE-  
QUENCE INFORMATION  
(62) 2016356395

(71) Deere & Company

(21) 2021201548 (22) 11.03.2021

(54) Pipe-laying system and method  
(31) 16/850,798 (32) 16.04.20 (33) US

(71) DEVPAT, LLC

(21) 2021201502 (22) 10.03.2021

(54) Roofing underlayment  
(31) 16/820,466 (32) 16.03.20 (33) US

(71) Dragonfly Therapeutics, Inc.

(21) 2021201494 (22) 09.03.2021

(54) Proteins binding NKG2D, CD16 and a  
tumor-associated antigen  
(62) 2018329937

(71) ECOLE POLYTECHNIQUE FEDERALE  
DE LAUSANNE (EPFL); ANOKION SA

(21) 2021201504 (22) 10.03.2021

(54) Glycotargeting therapeutics  
(62) 2015233084

(71) Esasolar Energy System, S.L.

(21) 2021201542 (22) 11.03.2021

(54) SOLAR TRACKER WITH BLOCKING  
SYSTEM  
(31) P202030234 (32) 20.03.20 (33) ES

(71) Exxonmobil Upstream Research Com-  
pany

(21) 2021201534 (22) 10.03.2021

(54) Pre-cooling of natural gas by high pres-  
sure compression and expansion  
(62) 2018218196

(71) FISHER & PAYKEL HEALTHCARE  
LIMITED

(21) 2021201521 (22) 10.03.2021

(54) RESPIRATORY MASK AND RELATED  
PORTIONS, COMPONENTS OR SUB-  
ASSEMBLIES

(62) 2015307325

(71) Fruit Innovation Processing Pty Ltd

(21) 2021201495 (22) 09.03.2021

(54) Food dehydration  
(62) 2016322020

(71) Galderma Research & Development;  
Centre National de la Recherche Scien-  
tifique

(21) 2021201557 (22) 11.03.2021

(54) Method of crosslinking glycosa-  
minoglycans  
(62) 2017307329

(71) GC Corporation

(21) 2021201550 (22) 11.03.2021

(54) Dental polymerizable composition  
(31) 2020-053184 (32) 24.03.20 (33) JP

(71) Genentech, Inc.

(21) 2021201516 (22) 10.03.2021

(54) Treatment of advanced HER2 express-  
ing cancer  
(62) 2017387909

(71) GenieUs Genomics Pty Ltd; The Uni-  
versity of Sydney

(21) 2021201539 (22) 10.03.2021

(54) Sensor and method for detection of  
TDP-43

(71) GETINGE LA CALHENE

(21) 2021201525 (22) 10.03.2021

(54) Subassembly for double-door transfer  
system with simplified manufacture  
(31) 2002812 (32) 23.03.20 (33) FR

(71) Gilead Sciences, Inc.

(21) 2021201554 (22) 11.03.2021

(54) Pyrrolo [1,2,f] [1,2,4] triazines useful for  
treating respiratory syncytial virus infec-  
tions  
(62) 2019204381

(71) Google LLC

(21) 2021201519 (22) 10.03.2021

(54) HYBRID KINETIC INDUCTANCE  
DEVICES FOR SUPERCONDUCTING  
QUANTUM COMPUTING  
(62) 2017432161

(71) Grand Performance Online Pty Ltd

(21) 2021201553 (22) 11.03.2021

(54) A computer-enabled method, system  
and computer program for dynamically  
altering constraints utilised in the man-

agement of a space, furniture, equip-  
ment or service

(62) 2020200613

(71) Greenyn Biotechnology Co., Ltd

(21) 2021201581 (22) 12.03.2021

(54) USE OF ANTRODIA CINNAMOMEA  
FOR INCREASING ALCOHOL META-  
BOLISM OR/AND HANGOVER

(31) 109108997 (32) 18.03.20 (33) TW

(71) Gregory Commercial Furniture Pty Lim-  
ited

(21) 2021201505 (22) 10.03.2021

(54) A smart chair  
(31) 2020901303 (32) 24.04.20 (33) AU

(71) GW Pharma Limited

(21) 2021201510 (22) 10.03.2021

(54) Use of cannabidiol in the treatment of  
epilepsy  
(62) 2015332208

(71) Hahn, E.

(21) 2021201560 (22) 11.03.2021

(54) Processes for metal ions removal of  
from aqueous solutions  
(62) 2019202478

(71) Hayward Industries, Inc.

(21) 2021201513 (22) 10.03.2021

(54) Butterfly valve  
(62) 2019204517

(71) Hill-Rom Services, Inc.

(21) 2021201522 (22) 10.03.2021

(54) Patient support apparatus  
(62) 2016270661

(71) HONEYWELL INTERNATIONAL INC.

(21) 2021201576 (22) 12.03.2021

(54) ROTARY PISTON WATER METER  
(31) 16/828,438 (32) 24.03.20 (33) US

(71) Hubbell Incorporated

(21) 2021201535 (22) 10.03.2021

(54) Side break air switch with anti-rolling  
blade lock  
(62) 2019257484

(71) Identiflight International, LLC

(21) 2021201585 (22) 12.03.2021

(54) Imaging array for bird or bat detection  
and identification  
(62) 2015305466

(71) Illinois Tool Works Inc.

(21) 2021201526 (22) 10.03.2021

(54) Dishwasher for cleaning items of wash-  
ware in the form of drinking vessels

(31) 10 2020 106 839.5 (32) 12.03.20 (33) DE

Complete Applications Filed - Name Index cont'd

(71) Immatix Biotechnologies GmbH  
(21) 2021201518 (22) 10.03.2021  
(54) T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME  
(62) 2017312361

(71) InCube Labs, LLC  
(21) 2021201589 (22) 12.03.2021  
(54) Device, system and methods for measurement of pressures in the urinary tract  
(62) 2016260293

Inovio Pharmaceuticals, Inc. see THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA  
(21) 2021201586

(71) Itron, Inc.  
(21) 2021201565 (22) 11.03.2021  
(54) System and method of using channelization in a wireless network  
(31) 62/991,017 (32) 17.03.20 (33) US  
17/135,478 28.12.20 US

(71) Joy Global Underground Mining LLC  
(21) 2021201575 (22) 12.03.2021  
(54) Cutting pick monitoring system and method for longwall mining system  
(31) 62/989,323 (32) 13.03.20 (33) US

(71) MCP New Zealand Limited  
(21) 2021201543 (22) 11.03.2021  
(54) EXTENDABLE CURTAIN TRACK ASSEMBLY  
(31) 773365 (32) 26.02.21 (33) NZ

(71) MedicalTree Patent Ltd  
(21) 2021201538 (22) 10.03.2021  
(54) Heart Help Device, System, and Method  
(62) 2019232924

(71) MERCK PATENT GMBH  
(21) 2021201532 (22) 10.03.2021  
(54) Pyrimidine derivatives as BTK inhibitors and uses thereof  
(62) 2016290950

(71) ModernaTX, Inc.  
(21) 2021201508 (22) 10.03.2021  
(54) MODIFIED NUCLEOSIDES, NUCLEOTIDES, AND NUCLEIC ACIDS, AND USES THEREOF  
(62) 2019219843

(71) Nachurs Alpine Solutions, Corp.  
(21) 2021201499 (22) 09.03.2021  
(54) Fertilizer With Organic Potassium Salts  
(62) 2016318075, 2016321239

(71) National University Of Ireland, Galway  
(21) 2021201570 (22) 12.03.2021  
(54) AN IMPLANT FOR A BONE JOINT  
(62) 2017218599

Naylor, M.J. see Tilkin, J.  
(21) 2021201574

Neuhaus, Y. see Tilkin, J.  
(21) 2021201574

(71) Oji Fibre Solutions (AUS) Pty Limited  
(21) 2021201544 (22) 11.03.2021  
(54) CONTAINERS  
(62) 2015258225

(71) PIONEER HI-BRED INTERNATIONAL, INC.  
(21) 2021201561 (22) 11.03.2021  
(54) COMPOSITIONS AND METHODS COMPRISING MALE FERTILITY SEQUENCES  
(62) 2019240727

(71) Prilenia Neurotherapeutics Ltd.; The Board of Regents of the University of Texas System  
(21) 2021201583 (22) 12.03.2021  
(54) Use of pridopidine to improve cognitive function and for treating Alzheimer's disease  
(62) 2016222796

(71) PRYSMIAN S.p.A.  
(21) 2021201507 (22) 10.03.2021  
(54) Blocking an optical fiber in a fiber optic cable  
(31) 10202000005038 (32) 10.03.20 (33) IT

(71) PurpleSun Inc.  
(21) 2021201533 (22) 10.03.2021  
(54) Sterilization units, systems, and methods  
(62) 2019204237

(71) Rural Innovations Pty Ltd  
(21) 2021201590 (22) 12.03.2021  
(54) WIRE STRAINERS  
(62) 2017261464

(71) Samsung Electronics Co., Ltd.  
(21) 2021201524 (22) 10.03.2021  
(54) CLEANING ROBOT AND CONTROLLING METHOD THEREOF  
(62) 2019236712

(71) Sandvik Mining and Construction Oy  
(21) 2021201582 (22) 12.03.2021

(54) APPARATUS, ROCK BREAKING MACHINE AND METHOD OF MONITORING ROCK BREAKING MACHINE  
(31) 20166668.2 (32) 30.03.20 (33) EP

(71) ServiceNow, Inc.  
(21) 2021201527 (22) 10.03.2021  
(54) Method and system for automated intent mining, classification and disposition  
(62) 2019201891

(71) SHAABAN, A.F.; THANDRA, V.  
(21) 2021201566 (22) 11.03.2021  
(54) IMPROVED SYSTEM AND METHOD FOR BILLING  
(62) 2015284131

(71) Société des Produits Nestlé S.A.  
(21) 2021201580 (22) 12.03.2021  
(54) Meal replacement bar comprising natural and/or real food ingredients and methods for making and using the meal replacement bar  
(31) 17/123,443 (32) 16.12.20 (33) US

(71) Soter Technologies, LLC  
(21) 2021201496 (22) 09.03.2021  
(54) Systems and methods for identifying vaping  
(31) 16/812,969 (32) 09.03.20 (33) US

(71) Splunk Inc.  
(21) 2021201512 (22) 10.03.2021  
(54) DATA STREAM PROCESSING LANGUAGE FOR ANALYZING INSTRUMENTED SOFTWARE  
(62) 2015364688

(71) Syros Pharmaceuticals, Inc.  
(21) 2021201536 (22) 10.03.2021  
(54) Inhibitors of cyclin-dependent kinase 7 (CDK7)  
(62) 2019222848

(71) Tata Consultancy Services Limited  
(21) 2021201517 (22) 10.03.2021  
(54) System and method for digitized digit symbol substitution test  
(62) 2017345509

(71) Telefonaktiebolaget LM Ericsson (publ)  
(21) 2021201555 (22) 11.03.2021  
(54) SYSTEMS AND METHODS FOR SWITCHING REFERENCE CRYSTAL OSCILLATORS FOR A TRANSCEIVER OF A WIRELESS DEVICE  
(62) 2016432856

THANDRA, V. see SHAABAN, A.F.  
(21) 2021201566

Complete Applications Filed - Name Index cont'd

**The Board of Regents of the University of Texas System see Prilenia Neurotherapeutics Ltd.**

(21) 2021201583

(71) The Boeing Company

(21) 2021201546 (22) 11.03.2021

(54) Locking mechanism for fall protection

(31) 16/816,461 (32) 12.03.20 (33) US

(71) The Cawthron Institute Trust Board

(21) 2021201595 (22) 12.03.2021

(54) IMPROVED METHOD OF PRODUCING OYSTERS

(71) The Modern Medics Pty Ltd

(21) 2021201540 (22) 10.03.2021

(54) A REHABILITATION DEVICE

(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; Inovio Pharmaceuticals, Inc.

(21) 2021201586 (22) 12.03.2021

(54) DNA antibody constructs and method of using same

(62) 2019202433

**The University of Sydney see GenieUs Genomics Pty Ltd**

(21) 2021201539

(71) Ticketmaster

(21) 2021201564 (22) 11.03.2021

(54) Apparatus and methods for providing queue messaging over a network

(62) 2019202130

(71) Tilkin, J.; Neuhaus, Y.; Naylor, M.J.

(21) 2021201574 (22) 12.03.2021

(54) Security system and method

(62) 2016358200

(71) TNBT Holdings Pty Limited

(21) 2021201559 (22) 11.03.2021

(54) A Knuckle Joint

(62) 2015234326

(71) UCB Biopharma SRL

(21) 2021201515 (22) 10.03.2021

(54) New bispecific format suitable for use in high-through-put screening

(62) 2015265900

(71) Ultraguard Security Pty Ltd

(21) 2021201531 (22) 10.03.2021

(54) Improvements in or in relation to screens

(31) 2020900845 (32) 19.03.20 (33) AU  
2020901119 08.04.20 AU  
2020901387 01.05.20 AU

(71) Universidad Politecnica de Madrid; Ailise Devices, S.L.

(21) 2021201592 (22) 12.03.2021

(54) Method and device for achieving document security by generating multiple reflexive and transmissive latent images

(62) 2015402332

(71) Ventana Medical Systems, Inc.

(21) 2021201551 (22) 11.03.2021

(54) Quinone methide analog signal amplification

(62) 2020202647

(71) Vermeer Manufacturing Company

(21) 2021201588 (22) 12.03.2021

(54) Low profile compact tools carriers

(62) 2016200234

(71) Wright Medical Technology, Inc.

(21) 2021201552 (22) 11.03.2021

(54) Osteotomy guide

(62) 2019246771

(71) Xactware Solutions, Inc.

(21) 2021201579 (22) 12.03.2021

(54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques

(62) 2019200259

Numerical Index

2021201419	Apple Inc.	2021201564	Ticketmaster
2021201494	Dragonfly Therapeutics, Inc.	2021201565	Itron, Inc.
2021201495	Fruit Innovation Processing Pty Ltd	2021201566	SHAABAN, A.F.; THANDRA, V.
2021201496	Soter Technologies, LLC	2021201567	CSR Building Products Limited
2021201497	Auth0, Inc.	2021201569	CSEER Ventures, LLC.
2021201498	BASF SE	2021201570	National University Of Ireland, Galway
2021201499	Nachurs Alpine Solutions, Corp.	2021201574	Tilkin, J.; Neuhaus, Y.; Naylor, M.J.
2021201500	Ancestry.com DNA, LLC	2021201575	Joy Global Underground Mining LLC
2021201501	Air Products and Chemicals, Inc.	2021201576	HONEYWELL INTERNATIONAL INC.
2021201502	DEVPAT, LLC	2021201577	Blackhawk Network, Inc.
2021201504	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL); ANOKION SA	2021201578	CLASSIC HARDWARE SUPPLIERS PTY LTD
2021201505	Gregory Commercial Furniture Pty Limited	2021201579	Xactware Solutions, Inc.
2021201506	Ablynx NV	2021201580	Société des Produits Nestlé S.A.
2021201507	PRYSMIAN S.p.A.	2021201581	Greenyn Biotechnology Co., Ltd
2021201508	ModernaTX, Inc.	2021201582	Sandvik Mining and Construction Oy
2021201509	ALSTOM Transport Technologies	2021201583	Prilenia Neurotherapeutics Ltd.; The Board of Regents of the University of Texas System
2021201510	GW Pharma Limited	2021201584	Arrowhead Pharmaceuticals, Inc.
2021201511	BOE Technology Group Co., Ltd.	2021201585	IdentiFlight International, LLC
2021201512	Splunk Inc.	2021201586	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; Inovio Pharmaceuticals, Inc.
2021201513	Hayward Industries, Inc.	2021201588	Vermeer Manufacturing Company
2021201515	UCB Biopharma SRL	2021201589	InCube Labs, LLC
2021201516	Genentech, Inc.	2021201590	Rural Innovations Pty Ltd
2021201517	Tata Consultancy Services Limited	2021201592	Universidad Politecnica de Madrid; Alise Devices, S.L.
2021201518	Immatics Biotechnologies GmbH	2021201594	Cygnus Biosciences (Beijing) Co. Ltd.
2021201519	Google LLC	2021201595	The Cawthron Institute Trust Board
2021201520	Acres Technology	2021201597	Axon Enterprise, Inc.
2021201521	FISHER & PAYKEL HEALTHCARE LIMITED		
2021201522	Hill-Rom Services, Inc.		
2021201523	AgJunction LLC.		
2021201524	Samsung Electronics Co., Ltd.		
2021201525	GETINGE LA CALHENE		
2021201526	Illinois Tool Works Inc.		
2021201527	ServiceNow, Inc.		
2021201528	CFPH, LLC		
2021201529	3M Innovative Properties Company		
2021201530	Baxter Corporation Englewood		
2021201531	Ultraguard Security Pty Ltd		
2021201532	MERCK PATENT GMBH		
2021201533	PurpleSun Inc.		
2021201534	Exxonmobil Upstream Research Company		
2021201535	Hubbell Incorporated		
2021201536	Syros Pharmaceuticals, Inc.		
2021201537	Ceres, Inc.		
2021201538	MedicalTree Patent Ltd		
2021201539	GenieUs Genomics Pty Ltd; The University of Sydney		
2021201540	The Modern Medics Pty Ltd		
2021201541	Best 1 Pet Food Company Pty Ltd		
2021201542	Esasolar Energy System, S.L.		
2021201543	MCP New Zealand Limited		
2021201544	Oji Fibre Solutions (AUS) Pty Limited		
2021201546	The Boeing Company		
2021201547	Alnylam Pharmaceuticals, Inc.		
2021201548	Deere & Company		
2021201550	GC Corporation		
2021201551	Ventana Medical Systems, Inc.		
2021201552	Wright Medical Technology, Inc.		
2021201553	Grand Performance Online Pty Ltd		
2021201554	Gilead Sciences, Inc.		
2021201555	Telefonaktiebolaget LM Ericsson (publ)		
2021201556	Angel Playing Cards Co., Ltd.		
2021201557	Galderma Research & Development; Centre National de la Recherche Scientifique		
2021201558	CATERPILLAR INC.		
2021201559	TNBT Holdings Pty Limited		
2021201560	Hahn, E.		
2021201561	PIONEER HI-BRED INTERNATIONAL, INC.		
2021201562	Chevron Australia Pty Ltd; Chevron U.S.A. Inc.		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Mar 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) 6 Star Group (21) 2021101277 (22) 11.03.2021 (54) Solar Farms with Recycled Rail Sleeper &amp; Rail Pieces</p> <hr/> <p><b>A., D. see L., R.</b> (21) 2021101292</p> <hr/> <p><b>A., P.K. see L., R.</b> (21) 2021101292</p> <hr/> <p><b>Acharya, A.R. see Gajghate, S.S.</b> (21) 2021101150</p> <hr/> <p><b>Agarwal, S. see Jaiswal, S.</b> (21) 2021101172</p> <hr/> <p><b>Ahmad, M. see Shahid, M.</b> (21) 2021101310</p> <hr/> <p><b>Ahmed, A.A.A. see Verma, B.K.</b> (21) 2021101194</p> <hr/> <p>(71) AIBUILD PTY LTD (21) 2021101323 (22) 14.03.2021 (54) Method for fall prevention, fall detection and electronic fall event alert system for aged care facilities (31) 2021900262 (32) 04.02.21 (33) AU</p> <hr/> <p><b>Alam, M.S. see Upreti, K.</b> (21) 2021101132</p> <hr/> <p><b>Alameddine, B. see KLIP FORM PTY LTD</b> (21) 2021101188</p> <hr/> <p><b>Al-Hagri, M.G. see Arif, M.</b> (21) 2021101312</p> <hr/> <p><b>Ali Hassan, A.S. see Arif, M.</b> (21) 2021101312</p> <hr/> <p><b>Amir, M. see Singh, M.</b> (21) 2021101318</p> <hr/> <p>(71) Anhui Academy of Agricultural Sciences Institute of Fisheries (21) 2021101216 (22) 09.03.2021</p>	<p>(54) A turtle and lotus root ecological Symbiosis system and green planting-feeding method</p> <hr/> <p>(71) Anhui Academy of Agricultural Sciences Institute of Fisheries (21) 2021101217 (22) 09.03.2021 (54) Construction of a rice-turtle-fish symbiosis system and green planting-feeding method</p> <hr/> <p>(71) Animal Products Quality and Safety Center of Shandong Province (21) 2021101224 (22) 09.03.2021 (54) A LAMP detection method for identifying mink in beef and mutton</p> <hr/> <p><b>Aquatar, M.O. see Verma, B.K.</b> (21) 2021101194</p> <hr/> <p><b>ARAVINDHAN, K. see VINOTH, K.</b> (21) 2021101279</p> <hr/> <p>(71) Arif, M.; Al-Hagri, M.G.; Shariq, M.; Rahman, I.; Ali Hassan, A.S.; Baqi, A. (21) 2021101312 (22) 13.03.2021 (54) A METHOD FOR PREPARING MODIFIED CEMENT AND EVALUATING MECHANICAL AND CHEMICAL PROPERTIES</p> <hr/> <p><b>Arora, T.K. see Jaiswal, S.</b> (21) 2021101172</p> <hr/> <p><b>Arora, A. see Choudhary, A.</b> (21) 2021101278</p> <hr/> <p><b>Arul, K.T. see Manikandan, E.</b> (21) 2021101319</p> <hr/> <p><b>Arulmurugan, A. see koshariya, A.K.</b> (21) 2021101274</p> <hr/> <p><b>Audre Arlene, A. see Jagadeesh, B.</b> (21) 2021101258</p> <hr/> <p>(71) AUSTRALIAN INSTITUTE FOR CANCER MEDICINE INNOVATION PTY LTD (21) 2021101338 (22) 15.03.2021</p>	<p>(54) Composition and Methods for prevention of progression, recurrence and metastasis of lung cancer</p> <hr/> <p><b>Awate, N.P. see Raut, A.S.</b> (21) 2021101193</p> <hr/> <p>(71) B, P.; Reddy, A.; Divakar, B.P.; Dash, R.; Balaji, A.; Bharat, M.; Tamrakar, S. (21) 2021101096 (22) 02.03.2021 (54) NOVEL SINGLE-PHASE PREVENTER FOR THREE PHASE INDUCTION MOTOR USING NEUTRAL – STAR CLAMPED METHOD</p> <hr/> <p><b>B., L. see F., F.</b> (21) 2021101325</p> <hr/> <p>(71) B.S, S.; SANJEEV, L.; H.N, G. (21) 2021101301 (22) 12.03.2021 (54) A CRITICAL EVALUATIVE PROCESS FOR THE GROUNDWATER STABILITY INDICES</p> <hr/> <p>(71) B.S, S.; H.N, G.; SANJEEV, L. (21) 2021101309 (22) 12.03.2021 (54) COST EFFECTIVE WATER FILTRATION SYSTEM AND TREATMENT METHOD THEREOF</p> <hr/> <p><b>Babu, S.S.S. see Usman, M.R.M.</b> (21) 2021101125</p> <hr/> <p><b>Babu, C.S. see Mummadi, U.K.</b> (21) 2021101322</p> <hr/> <p><b>Babuta, A. see Kumar, A.</b> (21) 2021101259</p> <hr/> <p><b>Bachhav, S.P. see Khedkar, E.B.</b> (21) 2021101148</p> <hr/> <p><b>Balaji, A. see B, P.</b> (21) 2021101096</p> <hr/> <p><b>Balusamy, B. see Sathiyaraj, R.</b> (21) 2021101326</p> <hr/> <p><b>Bandgar, S.A. see Raut, I.D.</b> (21) 2021101145</p>
--	--	---

Innovation Patent Applications Filed - Name Index cont'd

**Baqi, A. see Arif, M.**  
(21) 2021101312

**Bari, M.A. see Shashidhar, K.**  
(21) 2021101316

**Barker, R.J. see Keogh, M.H.M.**  
(21) 2021101203

**Basheer, Q.M.A. see Shashidhar, K.**  
(21) 2021101316

**Basu, A. see Bhattacharyya, S.**  
(21) 2021101243

(71) Battery Graphene Corp Pty Ltd  
(21) 2021101290 (22) 12.03.2021  
(54) A Battery Assembly

(71) BaYin GuoLeng Vocational and Technical College  
(21) 2021101347 (22) 16.03.2021  
(54) CRUSTAL STRESS TEST APPARATUS  
(31) 202120465459.4 (32) 03.03.21 (33) CN

(71) Bee A Solution Hive Inspections Pty Ltd  
(21) 2021100931 (22) 19.02.2021  
(54) bee hive maintenance and inspection mentor - beekeepers in area- community - hive maintenance service provider- unlocking-self awareness/ motivation -educational - bees - provide service either online or in person - create income

**Begum, S.F. see Shashidhar, K.**  
(21) 2021101316

(71) BEIHANG UNIVERSITY  
(21) 2021101241 (22) 10.03.2021  
(54) SVM-BASED FAULT DETECTION METHOD FOR HIGH-SPEED RAILWAY BRAKING SYSTEM BY OVER SAMPLING USING GWO  
(31) 202011172762.1 (32) 28.10.20 (33) CN

**Beijing Health Information Medical Technology Inc see Beijing Institute of Nutritional Resources**  
(21) 2021101133

**Beijing Health Information Medical Technology Inc. see Beijing Institute of Nutritional Resources**  
(21) 2021101134

(71) Beijing Institute of Nutritional Resources; Beijing Health Information Medical Technology Inc  
(21) 2021101133 (22) 03.03.2021  
(54) A dietary aid suitable for preparing the vegetable-based easy-to-eat food for the elderly and its application

(71) Beijing Institute of Nutritional Resources; Beijing Health Information Medical Technology Inc.  
(21) 2021101134 (22) 03.03.2021  
(54) A stable medical liquid enteral nutrition composition and its preparation method

**Beijing Institute of Petrochemical Technology see Research Institute of Highway Ministry of Transport**  
(21) 2021101178

(71) Beijing Institute of Technology  
(21) 2021101345 (22) 16.03.2021  
(54) MULTI-MODE HYBRID UP-CONVERSION VIBRATION-TYPE AMBIENT ENERGY HARVESTER

**Belerao, K.T. see Singh, L.**  
(21) 2021101256

**Belsam Jeba Ananth, M. see Peroumal, V.**  
(21) 2021101272

(71) Bewoor, L.A.; Kale, P.; Panchpor, M.  
(21) 2021101273 (22) 11.03.2021  
(54) A STREAMLINE TRAFFIC SIGN CLASSIFICATION SYSTEM UTILIZING CONVOLUTIONAL NEURAL NETWORK MODEL

**Bhaiswar, V.D. see Raut, A.S.**  
(21) 2021101193

**Bharamagoudar, G.R. see Jaiswal, S.**  
(21) 2021101174

**Bharat, M. see B, P.**  
(21) 2021101096

**Bhatia, J. see Deep, K.**  
(21) 2021101131

**Bhattacharjee, D. see Pokhrel, K.**  
(21) 2021101255

(71) Bhattacharyya, S.; Basu, A.; De, S.; Platoš, J.; Snasel, V.; Mršić, L.  
(21) 2021101243 (22) 10.03.2021  
(54) A MULTILEVEL IMAGE SEGMENTATION HARDWARE

**Bhuvana, J. see koshariya, A.K.**  
(21) 2021101274

(71) Bookleaf Pty Ltd  
(21) 2021101337 (22) 15.03.2021  
(54) Duct Fitting Adaptor  
(31) 2020900767 (32) 13.03.20 (33) AU

(71) Bozhou University  
(21) 2021101180 (22) 05.03.2021  
(54) A Special Baby Wet Wipe Capable of Antisepsis, Anti-inflammation, Anti-pruritus and Eczema Removal

(71) Bozhou University  
(21) 2021101182 (22) 05.03.2021  
(54) A formula of pure natural plant antimicrobial health care wipes and its preparation method

(71) Burrows, K.D.  
(21) 2021101141 (22) 03.03.2021  
(54) A WIND TURBINE SYSTEM  
(31) 2020900683 (32) 05.03.20 (33) AU

**Byatappa, S. see S., D.S.A.**  
(21) 2021101233

**Byreddy, N. see Thota, S.**  
(21) 2021101117

**C, H. see S., D.S.A.**  
(21) 2021101233

**C, C.N. see Shashidhar, K.**  
(21) 2021101316

**CB, R. see Peroumal, V.**  
(21) 2021101272

(71) Central South University of Forestry and Technology; Treezo New Material Technology Group Co., Ltd.  
(21) 2021101207 (22) 08.03.2021  
(54) PREPARATION METHOD OF LUMINOUS ADHESIVE

**Chakrabarti, T. see Korra, S.N.**  
(21) 2021101252

**Chakrabarti, P. see Korra, S.N.**  
(21) 2021101252

**Chakrabarti, T. see koshariya, A.K.**  
(21) 2021101274

Innovation Patent Applications Filed - Name Index cont'd

<b>Chakrabarti, P. see koshariya, A.K.</b> (21) 2021101274	(71) Chemvet Australia Pty Ltd (21) 2021101161 (22) 04.03.2021 (54) INJECTABLE NUTRITIONAL SUPPLEMENT (62) 2020312430	(21) 2021101183
<b>Chandra Panda, R. see Kumar Panda, S.</b> (21) 2021101143	<b>Chengtong Kaisheng Ecological Construction Co., Ltd. see China Institute of Water Resources and Hydropower Research</b> (21) 2021101253	(71) China University of Petroleum (East China); Dongying Zhishui Environmental Protection Technology Co. LTD; Shandong Shuojie Biotechnology Co., Ltd (21) 2021101219 (22) 09.03.2021 (54) A Bio-enzyme Flocculant for Black-odour Water Treatment and the Preparation Method Thereof
<b>Chandrashekar, M.P. see Jagadeesh, B.</b> (21) 2021101258	<b>Cherappurath, N. see Peroumal, V.</b> (21) 2021101272	(71) Chongqing University of Science and Technology (21) 2021101201 (22) 08.03.2021 (54) Numerical simulation method for thermal recovery of oil reservoirs of multi-element thermal fluid
<b>Chanthirasekaran, K. see Korra, S.N.</b> (21) 2021101252	<b>Chethan, K. see Jagadeesh, B.</b> (21) 2021101258	<b>Chordiya, S.B. see Cheepurupalli, K.K.</b> (21) 2021101242
<b>Chatterjee, K. see Chatterjee, S.</b> (21) 2021101100	<b>Chhikara, A. see Kumar Panda, S.</b> (21) 2021101143	<b>Chordiya, (.S.B. see Pokhrel, K.</b> (21) 2021101255
<b>Chatterjee, S. see Chatterjee, S.</b> (21) 2021101100	<b>CHIDAMBARARAJ, N. see VINOTH, K.</b> (21) 2021101279	<b>Chordiya, (.S.B. see Singh, L.</b> (21) 2021101256
(71) Chatterjee, S.; Mukherjee, A.; Das, A.; Chatterjee, K.; Kalam, A.; Chatterjee, S.; Maiti, R.; Mukherjee, G.S. (21) 2021101100 (22) 02.03.2021 (54) Novel Fractional order PID based robust controller designing tuned with hybridized GA-PSO algorithm for grid-connected photovoltaic system.	<b>CHILAMBARARSAN, M. see VINOTH, K.</b> (21) 2021101279	<b>Chordiya, (.S.B. see Sharma, Y.K.</b> (21) 2021101257
(71) Chattopadhyay, J. (21) 2021101152 (22) 04.03.2021 (54) A PROCESS FOR SYNTHESIZING Ni/MO NANO-PARTICLE ENCAPSULATED ONION-SHAPED CARBON NANOCAPSULES USING MODIFIED ARC-DISCHARGE METHOD	(71) China Institute of Water Resources and Hydropower Research; Shandong Jianghe Wetland Ecological Research Institute; Chengtong Kaisheng Ecological Construction Co., Ltd. (21) 2021101253 (22) 10.03.2021 (54) METHOD FOR CONSTRUCTING ECOLOGICAL FLOOD CONTROL DIKE IN MEDIUM OR SMALL WATER-SHED	(71) Choudhary, A.; Arora, A.; Siwach, M.; Gupta, A. (21) 2021101278 (22) 12.03.2021 (54) System and Method for Automatic Language Detection for Handwritten Text
<b>Chaudhari, S.U. see Jaiswal, S.</b> (21) 2021101174	(71) China Railway 19 Bureau Group Guangzhou Engineering Co., Ltd. (21) 2021101191 (22) 05.03.2021 (54) Crossing Tunnel Construction Method (31) 202011204402.5 (32) 02.11.20 (33) CN	<b>Chouhan, A.S. see Shashidhar, K.</b> (21) 2021101316
(71) chavan, r. (21) 2021101196 (22) 07.03.2021 (54) Automatic forklift horn control technology to reduce accidents in fast paced workplace	(71) China Railway 19 Bureau Group Guangzhou Engineering Co., Ltd. (21) 2021101192 (22) 05.03.2021 (54) Method for Determining Cross-Influenced Zone of Crossing Tunnels (31) 02011205699.7 (32) 02.11.20 (33) CN	<b>Churi, P. see Soni, M.</b> (21) 2021101195
(71) Cheepurupalli, K.K.; Singh, L.; Subramanyam, M.V.; Verma, S.; Khedkar, E.B.; Raj, B.; Chordiya, S.B.; Yadav, C.S.; Sarkar, B.K. (21) 2021101242 (22) 10.03.2021 (54) WOMEN SAFETY HIDDEN MALICIOUS CHIP USING DEEP LEARNING AND IOT BASED TRACKING TECHNOLOGY	(71) China University of Petroleum (East China) (21) 2021101142 (22) 03.03.2021 (54) Method and System for Constructing Digital Rock (31) 202010175137.6 (32) 13.03.20 (33) CN	(71) CoalBed Innovations Pty Limited (21) 2021101208 (22) 08.03.2021 (54) Geological sensing system for longwall automation and other mining applications (31) 2020900713 (32) 08.03.20 (33) AU
<b>Chembukkavu, J. see Korra, S.N.</b> (21) 2021101252	<b>China University of Petroleum (East China) see Southern Marine Science and Engineering Guangdong Laboratory (Zhanjiang)</b>	<b>Crouch, P. see M.a.B Engineering Services Pty Ltd</b> (21) 2021101236
		(71) CYCLINGDEAL USA, INC. (21) 2021101227 (22) 09.03.2021 (54) ADJUSTBALE BICYCLE PARKING RACK



Innovation Patent Applications Filed - Name Index cont'd

**Dahiya, S. see Kumar Panda, S.**  
(21) 2021101143

**Dai, J. see Pan, M.**  
(21) 2021101286

(71) Dalian Minzu University  
(21) 2021101210 (22) 08.03.2021  
(54) An Endmember Extraction Method Of Hyperspectral Image

(71) Dalian University of Technology  
(21) 2021101348 (22) 16.03.2021  
(54) A two-dimensional porous carbon nanosheet mixed matrix membrane and a preparation method thereof

**Damasevicius, R. see Rajinikanth, V.**  
(21) 2021101306

**Damera, V.K. see Mummadi, U.K.**  
(21) 2021101322

**Das, A. see Chatterjee, S.**  
(21) 2021101100

**Das, A. see Korra, S.N.**  
(21) 2021101252

**Dash, R. see B, P.**  
(21) 2021101096

**De, S. see Bhattacharyya, S.**  
(21) 2021101243

(71) Deep, K.; Singh, P.D.; Singh, A.; Kumar, M.; Khurana, R.; Rayat, A.S.; Sandhu, G.K.; Bhatia, J.; Singh, G.  
(21) 2021101131 (22) 03.03.2021  
(54) QOS#AWARE OPTICAL FOG#ASSISTED CYBER#PHYSICAL SYSTEM IN 5G READY HETEROGENEOUS NETWORK AND METHOD FOR THE SAME

**Deep, K. see Singh, P.D.**  
(21) 2021101149

**Deep, T. see Singh, P.D.**  
(21) 2021101149

(71) delacruz, f.  
(21) 2021101154 (22) 04.03.2021  
(54) The safety saddle is a protective device to replace safety straps currently being used

(71) Deltapay Pty Ltd  
(21) 2021101189 (22) 05.03.2021  
(54) Method and Apparatus for Immediate Credit  
(31) 2020900735 (32) 10.03.20 (33) AU

**Deora, B.S. see Singh, P.D.**  
(21) 2021101149

**Desai, D. see Singh, L.**  
(21) 2021101256

**Deshmukh, D.S. see Raut, A.S.**  
(21) 2021101193

**Devi, G.R. see koshariya, A.K.**  
(21) 2021101274

**Devi V., A. see Kumar Panda, S.**  
(21) 2021101143

**Dhall Samanta, L. see Kumar Panda, S.**  
(21) 2021101143

**Dhanaraj, R.K. see Sathiyaraj, R.**  
(21) 2021101326

**Dhiman, G. see Soni, M.**  
(21) 2021101195

**Divakar, B.P. see B, P.**  
(21) 2021101096

**Dixit, P. see Verma, B.K.**  
(21) 2021101194

**Dixit, S. see Sharma, A.**  
(21) 2021101251

(71) Djirlic, S.  
(21) 2021101218 (22) 09.03.2021  
(54) SHOWPORIUM  
(31) 2021900379 (32) 16.02.21 (33) AU

**doewes, R. see Soni, M.**  
(21) 2021101195

**Dojjad, R.C. see Raut, I.D.**  
(21) 2021101145

**Dongying Zhishui Environmental Protection Technology Co. LTD see China University of Petroleum (East China)**

(21) 2021101219

(71) Dunbar, J.; McErvale, G.  
(21) 2021101313 (22) 13.03.2021  
(54) Tab-Sleeve  
(31) 2021900362 (32) 14.02.21 (33) AU

**Dwivedi, Y.D. see Singh, L.**  
(21) 2021101256

(71) East China University of Technology  
(21) 2021101263 (22) 11.03.2021  
(54) AN AUTOMATIC DRAINAGE DEVICE FOR FOUNDATION PITS WITH FLOOD PREVENTION FUNCTION

(71) East China University of Technology  
(21) 2021101264 (22) 11.03.2021  
(54) A FOUNDATION PIT DRAINAGE SYSTEM FOR FLOOD CONTROL

(71) EC Pharma  
(21) 2021101157 (22) 04.03.2021  
(54) A composition

**Elayaraja, M. see Peroumal, V.**  
(21) 2021101272

(71) Esasolar Energy System, S.L.  
(21) 2021101265 (22) 11.03.2021  
(54) SOLAR TRACKER  
(31) U202030516 (32) 20.03.20 (33) ES

(71) F., F.; B., L.; Thankam, T.; Jain, R.; Shukla, A.; Shukla, S.; M. K., J.K.; M, M.; T., S.; J., S.  
(21) 2021101325 (22) 14.03.2021  
(54) Methodology for the Detection of Bone Fracture in Humans Using Neural Network

(71) F.V. Bilotto Nominees Pty Ltd  
(21) 2021101162 (22) 04.03.2021  
(54) Anti-tip trolley

(71) FCI Holdings Delaware, Inc.  
(21) 2021101229 (22) 09.03.2021  
(54) Roof support assembly

(71) Fraser, M.A.  
(21) 2021101206 (22) 08.03.2021  
(54) Online rental condition review  
(31) 2020900732 (32) 10.03.20 (33) AU

(71) Fraser, M.A.  
(21) 2021101334 (22) 15.03.2021  
(54) A portable shelter  
(31) 2020900775 (32) 13.03.20 (33) AU

Innovation Patent Applications Filed - Name Index cont'd

<p>(71) Fujian Chuanzheng Communications College (21) 2021101184 (22) 05.03.2021 (54) Smooth generator system based on speed detection control and its control method (31) 2020113257974 (32) 24.11.20 (33) CN</p>	<p>(21) 2021101272</p> <p>Goel, N. see Kumar, A. (21) 2021101259</p> <p>Gomathi, S. see Soni, M. (21) 2021101195</p> <p>Gopalachary, M.V. see Vatambeti, R. (21) 2021101341</p> <p>Gopinath, R. see Shashidhar, K. (21) 2021101316</p> <p>Groves, J. see M.a.B Engineering Services Pty Ltd (21) 2021101236</p> <p>(71) Guan, W. (21) 2021101285 (22) 12.03.2021 (54) CLOSED CYCLE ENGINE POWER STRUCTURE AND POWER GENERATION METHOD</p> <p>(71) Guangdong University of Technology (21) 2021101247 (22) 10.03.2021 (54) Human-in-the-Loop Consensus Control for High-Rise Firefighting Multi-MUAV Systems with Unknown Disturbances and Actuator Failures (31) 202110118524.0 (32) 28.01.21 (33) CN</p> <p>(71) Guangzhou University (21) 2021101240 (22) 10.03.2021 (54) OPEN-CLOSED-LOOP ITERATIVE LEARNING CONTROL METHOD FOR PIEZOELECTRIC MOTOR WITH HIGH RELATIVE DEGREE (31) 202010342819.1 (32) 27.04.20 (33) CN</p> <p>(71) Gulia, S.; Mukherjee, S.; Sharma, A. (21) 2021101151 (22) 04.03.2021 (54) WEARABLE DEVICE FOR ALZHEIMER'S PATIENTS</p> <p>Gumate, D.S. see Raut, I.D. (21) 2021101145</p> <p>Gupta, S. see Upreti, K. (21) 2021101132</p> <p>Gupta, A. see Singh, P.D. (21) 2021101149</p> <p>Gupta, V. see Soni, M. (21) 2021101195</p>	<p>Gupta, P. see Korra, S.N. (21) 2021101252</p> <p>Gupta, B. see Kumar, A. (21) 2021101259</p> <p>Gupta, A. see Choudhary, A. (21) 2021101278</p> <p>H.N, G. see B.S, S. (21) 2021101301</p> <p>H.N, G. see B.S, S. (21) 2021101309</p> <p>Haldar, O.P. see Khedkar, E.B. (21) 2021101148</p> <p>(71) Hamilton, J. (21) 2021101177 (22) 04.03.2021 (54) GEL BLADE SQUEEGEE</p> <p>Hamsadhwani, V. see koshariya, A.K. (21) 2021101274</p> <p>Hangaragi, S.S. see koshariya, A.K. (21) 2021101274</p> <p>(71) HARBIN ENGINEERING UNIVERSITY (21) 2021101294 (22) 12.03.2021 (54) TURBINE BLADE OF GAS TURBINE ENGINE WITH COMPOSITE COOLING STRUCTURE COMPOSED OF V-SHAPED RIBS AND DIMPLES</p> <p>Hasan, A. see Soni, M. (21) 2021101195</p> <p>Hati, A.S. see Korra, S.N. (21) 2021101252</p> <p>Hati, A.S. see koshariya, A.K. (21) 2021101274</p> <p>(71) Hefei Normal University (21) 2021101181 (22) 05.03.2021 (54) A chemical synthesis method of all-oxide soft-hard magnetic composite film (NZFO/SLCFO)3/Al2O3</p> <p>(71) Heilongjiang Bayi Agricultural University (21) 2021101335 (22) 15.03.2021 (54) Analysis Method of Metabolites of Mung Bean</p>
<p>(71) Fujian Chuanzheng Communications College (21) 2021101185 (22) 05.03.2021 (54) Improved energy-saving starter with one-touch start function and its control method (31) 2020113257762 (32) 24.11.20 (33) CN</p> <p>(71) Fujian Chuanzheng Communications College; Fujian Intelligent Maintenance Engineering Co., Ltd (21) 2021101332 (22) 15.03.2021 (54) Wireless low-power image transmission camera based on GPRS and control method thereof</p> <p>Fujian Intelligent Maintenance Engineering Co., Ltd see Fujian Chuanzheng Communications College (21) 2021101332</p> <p>(71) Gajghate, S.S.; Acharya, A.R.; TukaramPise, A. (21) 2021101150 (22) 04.03.2021 (54) A SYSTEM AND PROCESS FOR PREPARATION OF BETEL-NUT SURFACTANT FOR ENHANCING POOL BOILING HEAT TRANSFER</p> <p>Ganesh, D. see Vatambeti, R. (21) 2021101341</p> <p>Ganguli, S. see Kumar, A. (21) 2021101259</p> <p>Ganguli, S. see Singh, M. (21) 2021101318</p> <p>Gautam, S. see Sharma, A. (21) 2021101251</p> <p>Geethashree, A. see Jagadeesh, B. (21) 2021101258</p> <p>(71) Ghahraei, A. (21) 2021101324 (22) 14.03.2021 (54) A Wearable Sound Locator Device for Hearing Impaired and Deaf People</p> <p>Ghantasala, G. see Peroumal, V.</p>		

Innovation Patent Applications Filed - Name Index cont'd

(71) Heilongjiang Bayi Agricultural University  
(21) 2021101346 (22) 16.03.2021  
(54) Potato-flour Composite Food Added with Superfine Eggshell Powder and Preparation Method Thereof

(71) Henan Provincial Communications Planning & Design Institute Co., LTD  
(21) 2021101186 (22) 05.03.2021  
(54) Shrinkage-inhibiting elastic-toughness rubber asphalt material for repairing pavement cracks

(71) Henan Zhongyu Dingli Intelligent Equipment Co., LTD  
(21) 2021101314 (22) 13.03.2021  
(54) Horizontal Gyrotory Crusher  
(31) 202010204296.4 (32) 21.03.20 (33) CN

(71) Hunan Agricultural University  
(21) 2021101140 (22) 03.03.2021  
(54) A METHOD FOR EXTRACTING RED PITAYA PIGMENTS ASSISTED BY CELLULASE AND ULTRASOUND

(71) Hunan Jinpan New Material Technology Co., Ltd.  
(21) 2021101288 (22) 12.03.2021  
(54) Conductive coating resin for galvanized coating

Husain, A. see Pokhrel, K.  
(21) 2021101255

Husain, A. see Singh, L.  
(21) 2021101256

Hussain, S. see Shahid, M.  
(21) 2021101310

H V, R. see SATHEESHA, T.Y.  
(21) 2021101321

Iman, K. see Shahid, M.  
(21) 2021101310

(71) Institute of Agricultural Applied Microbiology, Jiangxi Academy of Agricultural Sciences  
(21) 2021101266 (22) 11.03.2021  
(54) A screening method for efficiently isolating endoxylanase producing microorganism and its application

(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences  
(21) 2021101239 (22) 10.03.2021  
(54) METHOD FOR CALCULATING ALLOWABLE MAXIMUM APPLICATION

RATE OF MANURE APPLIED TO SOIL BASED ON ENVIRONMENTAL THRESHOLD OF SOIL PHOSPHORUS

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2021101091 (22) 01.03.2021  
(54) Transient Electromagnetic Sounding Transmitting Device of Medium Power

(71) Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences  
(21) 2021101144 (22) 03.03.2021  
(54) Use of miRNA 148 Cluster as Marker for Diagnosing and/or Treating Cognitive Impairment-Associated Diseases  
(31) 202010738200.2 (32) 28.07.20 (33) CN

(71) Institute of Soil Science, Chinese Academy of Sciences  
(21) 2021101237 (22) 10.03.2021  
(54) Composite material for the treatment of acid wastewater in rare earth mining areas, preparation method and application thereof  
(31) 202011608554.1 (32) 30.12.20 (33) CN

(71) Institute of Water Resources for Pastoral Area, Ministry of Water Resources  
(21) 2021101238 (22) 10.03.2021  
(54) Dust Fall Sampling Device for Arid and Semi-Arid Areas

J., S. see F., F.  
(21) 2021101325

(71) Jagadeesh, B.; Audre Arlene, A.; Sudheesh K., V.; Chandrashekar, M.P.; Suchitra, M.; Geethashree, A.; Chethan, K.; Mahadevaswamy, M.; Panchami, S.V.; Ravikrishna, G.  
(21) 2021101258 (22) 11.03.2021  
(54) A SYSTEM FOR DETECTING DISEASE IN LEAF AND A METHOD THEREOF

Jain, V. see Upreti, K.  
(21) 2021101132

Jain, N. see Kumar, S.  
(21) 2021101246

Jain, R. see F., F.  
(21) 2021101325

(71) Jain, P.; Tiwari, A.K.; Som, T.  
(21) 2021101340 (22) 16.03.2021  
(54) SYSTEM FOR PREDICTING ANTI-TUBERCULAR PEPTIDES FROM SEQUENCE INFORMATION USING DI-

VERGENCE MEASURE-BASED INTUITIONISTIC FUZZY-ROUGH FEATURE SELECTION

Jaiswal, T. see Jaiswal, S.  
(21) 2021101172

(71) Jaiswal, S.; R., S.; TOOMULA, S.; Raj Singh, S.; Arora, T.K.; Kumar Chaubey, P.; Jaiswal, T.; Agarwal, S.; Sathish, A.; Vatchala, S.  
(21) 2021101172 (22) 04.03.2021  
(54) DESIGN AND IMPLEMENTATION OF CONVOLUTION NEURAL NETWORK ON EDGE COMPUTING SMART PHONE FOR HUMAN ACTIVITY RECOGNITION

(71) Jaiswal, S.; Kamal, N.; Misra, A.; Priyadharsini, M.; Kumar, A.; Chaudhari, S.U.; Patil, M.; Raghuvanshi, R.; Krishnamoorthy, R.; Bharamagoudar, G.R.  
(21) 2021101174 (22) 05.03.2021  
(54) SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM

Jakkareddy, P.S. see S., D.S.A.  
(21) 2021101233

Jalil, S.Z.A. see Upreti, K.  
(21) 2021101132

Jana, D. see Khedkar, E.B.  
(21) 2021101148

(71) JHA, N.; Parikh, N.S.  
(21) 2021101228 (22) 09.03.2021  
(54) DIGITAL MANAGEMENT METHOD OF ADMINISTRATIVE FUNCTIONS USING HIGH-SPEED COMMUNICATION

(71) Jiangsu Jiabo Industrial Development Group Co., Ltd.  
(21) 2021101211 (22) 08.03.2021  
(54) PULL ROD PLATE AND PULL TAB PLATE CONVERSION DEVICE  
(31) 202010836178.5 (32) 19.08.20 (33) CN

(71) Jiangsu Southeast Plant Protection Co., Ltd.; Lin, T.  
(21) 2021101331 (22) 15.03.2021  
(54) Lifting type smashing dryer for pesticide processing production

(71) Jingchu university of technology  
(21) 2021101136 (22) 03.03.2021  
(54) An A-shaped three-dimensional cultivation method of Pinellia ternata

Innovation Patent Applications Filed - Name Index cont'd

**Joshi, C. see Pokhrel, K.**  
(21) 2021101255

**Joshi, C. see Singh, L.**  
(21) 2021101256

**Joshi, C. see Sharma, Y.K.**  
(21) 2021101257

**K, V.S.M.B. see Thota, S.**  
(21) 2021101117

**K., K. see S., D.S.A.**  
(21) 2021101233

**K., S. see L., R.**  
(21) 2021101292

**Kabeer, D.A. see Peroumal, V.**  
(21) 2021101272

**Kadry, S. see Rajinikanth, V.**  
(21) 2021101306

**Kalam, A. see Chatterjee, S.**  
(21) 2021101100

**Kale, P. see Bewoor, L.A.**  
(21) 2021101273

**Kamal, N. see Jaiswal, S.**  
(21) 2021101174

**Kant, S. see Kumar, S.**  
(21) 2021101246

**Kanthi, R.G. see S., D.S.A.**  
(21) 2021101233

**Karelia, N. see Singh, M.**  
(21) 2021101318

**Kaur, I. see Kumar Panda, S.**  
(21) 2021101143

**Kaur, R. see Singh, P.D.**  
(21) 2021101149

**Kaur, A. see Singh, P.D.**  
(21) 2021101149

**Kaur, S. see Singh, P.D.**  
(21) 2021101149

(71) Keogh, M.H.M.; Barker, R.J.  
(21) 2021101203 (22) 08.03.2021  
(54) BLADE SHARPENER DEVICE  
(62) 2020203635

**Khan, I.R. see Verma, B.K.**  
(21) 2021101194

**Khan, I.R. see Soni, M.**  
(21) 2021101195

**Khan, T.A.K. see koshariya, A.K.**  
(21) 2021101274

**Khan, S. see Shahid, M.**  
(21) 2021101310

**Khedkar, C.E. see Khedkar, E.B.**  
(21) 2021101148

**Khedkar, A.E. see Khedkar, E.B.**  
(21) 2021101148

(71) Khedkar, E.B.; Khedkar, C.E.; Khedkar, A.E.; Lande, G.; Halder, O.P.; Bachhav, S.P.; Patel, V.; Jana, D.; Singh, S.K.; Saini, A.; Kumar, P.; Prashanta Kumar, J.S.  
(21) 2021101148 (22) 04.03.2021  
(54) Artificial Intelligence based POS System (Points of Sales) for Food Truck Vendor Notification and Management

**Khedkar, E.B. see Cheepurupalli, K.K.**  
(21) 2021101242

**Khedkar, C.E. see Pokhrel, K.**  
(21) 2021101255

**Khedkar, A.E. see Singh, L.**  
(21) 2021101256

**Khedkar, C.E. see Sharma, Y.K.**  
(21) 2021101257

**Khond, V.W. see Raut, A.S.**  
(21) 2021101193

**Khurana, R. see Deep, K.**  
(21) 2021101131

(71) KLIP FORM PTY LTD; Alameddine, B.  
(21) 2021101188 (22) 05.03.2021

(54) A panel assembly for assemblage of formwork for concrete.

**Kocherla, R. see Vatambeti, R.**  
(21) 2021101341

(71) Korra, S.N.; Chakrabarti, T.; Hati, A.S.; Das, A.; Gupta, P.; Nayudu, P.P.; Waris, S.F.; Chanthirasekaran, K.; Syed, M.P.; Chembukkavu, J.; Chakrabarti, P.; Kothandaraman, D.  
(21) 2021101252 (22) 10.03.2021  
(54) Localization method using integrated sensors in autonomous scrubbing robots for industrial cleaning

(71) koshariya, A.K.; Chakrabarti, T.; Hati, A.S.; Bhuvana, J.; Raj, T.B.; Narmadha, C.; Hamsadhvani, V.; Arulmurugan, A.; Khan, T.A.K.; Hangaragi, S.S.; Chakrabarti, P.; Devi, G.R.  
(21) 2021101274 (22) 11.03.2021  
(54) INTEGRATED MULTIMODAL SENSOR SYSTEM FOR AGRI FARMS

**KOTESWARAMMA, A. see Y, K.**  
(21) 2021101320

**Kothandaraman, D. see Korra, S.N.**  
(21) 2021101252

**Krishna, E.S.P. see Vatambeti, R.**  
(21) 2021101341

**Krishna D., P. see Vatambeti, R.**  
(21) 2021101341

**Krishnamoorthy, R. see Jaiswal, S.**  
(21) 2021101174

**Kshirsagar, P.R. see Peroumal, V.**  
(21) 2021101272

**kumar, S. see Singh, L.**  
(21) 2021101256

**Kumar, M. see Deep, K.**  
(21) 2021101131

**Kumar, N. see Upreti, K.**  
(21) 2021101132

**Kumar, P. see Khedkar, E.B.**  
(21) 2021101148

**Kumar, A. see Jaiswal, S.**  
(21) 2021101174

Innovation Patent Applications Filed - Name Index cont'd

**Kumar, P. see Verma, B.K.**  
(21) 2021101194

(71) Kumar, S.; Sharma, V.K.; Vishwakarma, P.K.; Rajput, G.K.; Singh, V.; Singh, S.; Singhal, T.; Singhal, A.; Srivastav, G.; Jain, N.; Kant, S.  
(21) 2021101246 (22) 10.03.2021  
(54) Airplane and Private Jets Accidents Predictive Using Machine Learning Programming

**Kumar, M.N.V.S.S. see Sreelakshmi, K.**  
(21) 2021101248

**Kumar, N. see Sharma, A.**  
(21) 2021101251

**Kumar, M. see Sharma, Y.K.**  
(21) 2021101257

(71) Kumar, A.; Ganguli, S.; Babuta, A.; Goel, N.; Gupta, B.  
(21) 2021101259 (22) 11.03.2021  
(54) A HALL WATTMETER DEVICE EMPLOYING FOUR HALL ELEMENT CONFIGURATION

**Kumar, C.V. see VINOTH, K.**  
(21) 2021101279

**Kumar, S. see Sathiyaraj, R.**  
(21) 2021101326

**Kumar, C. see Singh, S.**  
(21) 2021101343

**Kumar Chaubey, P. see Jaiswal, S.**  
(21) 2021101172

(71) Kumar Panda, S.; Dahiya, S.; Devi V., A.; Kumar Shukla, P.; Mahapatra, B.; Rameshkumar, M.; Saravana Kumar, E.; Dhall Samanta, L.; Chhikara, A.; Kaur, I.; Pratap Singh Yadav, J.K.; Chandra Panda, R.  
(21) 2021101143 (22) 03.03.2021  
(54) SUSTAINABLE REMOTE ASSISTED & TRANSPORTABLE NEONATAL CARE DEVICE FOR JAUNDICE TREATMENT

**Kumar R., S. see Vatambeti, R.**  
(21) 2021101341

**Kumar Rana, B. see Sathiyaraj, R.**  
(21) 2021101326

**Kumar Shukla, P. see Kumar Panda, S.**  
(21) 2021101143

(71) L., R.; P., R.; A., D.; VN, S.K.C.; SVB, S.R.; VADHRI, S.; P., P.; S., A.; R., T.; A., P.K.; S., P.; K., S.  
(21) 2021101292 (22) 12.03.2021  
(54) AN NOVEL METHOD FOR EMPOWERING EDGE COMPUTING FOR SOURCE ALLOCATION BASED LEARNING FOR INDUSTRIAL IOT

**Lande, G. see Khedkar, E.B.**  
(21) 2021101148

**LI, Y. see Zhengzhou FoamTech Nano Materials Co Ltd**  
(21) 2021101124

**LI, Y. see Zhengzhou FoamTech Nano Materials Co Ltd**  
(21) 2021101158

(71) Liaoning Academy of Agricultural Sciences; Liaoning Shunyi Agricultural Technology Co., Ltd; Shunfeng Agriculture Group Co., Ltd  
(21) 2021101175 (22) 05.03.2021  
(54) An evaluation system for ecological function and biodiversity conservation of dryland

**Liaoning Shunyi Agricultural Technology Co., Ltd see Liaoning Academy of Agricultural Sciences**  
(21) 2021101175

**Lin, T. see Jiangsu Southeast Plant Protection Co., Ltd.**  
(21) 2021101331

**Lokulwar, P. see Verma, B.K.**  
(21) 2021101194

(71) Ludong University; Shandong Huachun Fisheries Co., Ltd.; Shandong Yellow River Delta Ocean Technology Co., Ltd  
(21) 2021101190 (22) 05.03.2021  
(54) Cooling and Refrigeration Device for Apostichopus Japonicus Aquaculture Pond  
(31) 202010149561.3 (32) 06.03.20 (33) CN

**M, M. see F., F.**  
(21) 2021101325

**M., H.K. see S., D.S.A.**  
(21) 2021101233

(71) M.a.B Engineering Services Pty Ltd; Groves, J.; Crouch, P.  
(21) 2021101236 (22) 10.03.2021  
(54) Medical Gas Supply Hose Reel Assembly  
(31) 2020900728 (32) 10.03.20 (33) AU

**M. K., J.K. see F., F.**  
(21) 2021101325

**Madupu, A. see Shashidhar, K.**  
(21) 2021101316

**Mahadevaswamy, M. see Jagadeesh, B.**  
(21) 2021101258

**Mahapatra, B. see Kumar Panda, S.**  
(21) 2021101143

(71) Mahto, A.; Oraon, M.  
(21) 2021101311 (22) 13.03.2021  
(54) A WORKING DESIGN FOR MANUFACTURING WORKSTATION FURNITURE

**Mainali, B.P. see Nepal, C.**  
(21) 2021101317

**Maiti, R. see Chatterjee, S.**  
(21) 2021101100

**Makkar, S. see Sharma, A.**  
(21) 2021101251

**Malhotra, D. see Sharma, A.**  
(21) 2021101251

**Malik, V. see Sharma, Y.K.**  
(21) 2021101257

**Mamidiseti, G. see Mummadi, U.K.**  
(21) 2021101322

(71) Manikandan, E.; Arul, K.T.; Venugopal, K.  
(21) 2021101319 (22) 14.03.2021  
(54) A PROCESS FOR SYNTHESIZING SILVER NANOPARTICLES USING PIPER NIGRUM CONCOCTION FOR ANTICANCER ACTIVITY

(71) Manipur International University  
(21) 2021101214 (22) 08.03.2021  
(54) AIR POLLUTION MONITORING SYSTEM USING IOT AND MACHINE LEARNING

Innovation Patent Applications Filed - Name Index cont'd

**Masood, W. see Shashidhar, K.**  
(21) 2021101316

(71) McDonald, P.  
(21) 2021101204 (22) 08.03.2021  
(54) iConnexus - Eye contact tracking technology Utilising eye tracking technology (through smart glasses, contact lenses or otherwise), mutual eye contact will be measured between 2 or more users. This will be recorded in software (eg an App). The intention is it will support stronger relationship building, for example in couples, business settings, or may also be used to identify any potential issues such as trustworthiness, for example in political or military situations. Other uses of the core invention are also related to this.

**McErvale, G. see Dunbar, J.**  
(21) 2021101313

**M D, S. see SATHEESHA, T.Y.**  
(21) 2021101321

**Mekala, M.S. see Vatambeti, R.**  
(21) 2021101341

(71) Meng, Z.  
(21) 2021101137 (22) 03.03.2021  
(54) TRANSVALVULAR ASSIST DEVICE FOR TRANSCATHETER AORTIC VALVE REPLACEMENT SURGERY

(71) Mianyang Central Hospital  
(21) 2021101138 (22) 03.03.2021  
(54) A VULVA EXPANDER FOR CLINICAL SURGERY OF OBSTETRICS AND GYNAECOLOGY

(71) Miles, S.  
(21) 2021101225 (22) 09.03.2021  
(54) STORAGE BAGS  
(31) 2020904669 (32) 15.12.20 (33) AU

**Mir, L.A. see Peroumal, V.**  
(21) 2021101272

(71) Mishra, R.  
(21) 2021101249 (22) 10.03.2021  
(54) SYSTEM AND METHOD FOR WIRELESS SENSOR NETWORKS USING GAME THEORETIC APPROACH AND ANT COLONY OPTIMIZATION

**Mishra, A. see Sharma, A.**  
(21) 2021101251

**Misra, A. see Jaiswal, S.**  
(21) 2021101174

(71) Mitani, T.  
(21) 2021101261 (22) 11.03.2021  
(54) A FIRE-STARTING ARRANGEMENT AND METHOD THEREOF  
(62) 2017243864

**Mohan, A. see Peroumal, V.**  
(21) 2021101272

**Mohite, S.K. see Raut, I.D.**  
(21) 2021101145

**Mršić, L. see Bhattacharyya, S.**  
(21) 2021101243

**Mugunthan, S.R. see Peroumal, V.**  
(21) 2021101272

**Muhammed Ali, T. see Peroumal, V.**  
(21) 2021101272

**Mukherjee, A. see Chatterjee, S.**  
(21) 2021101100

**Mukherjee, G.S. see Chatterjee, S.**  
(21) 2021101100

**Mukherjee, S. see Gulia, S.**  
(21) 2021101151

(71) Mummadi, U.K.; V, K.; Damera, V.K.; Reddy P., S.; Mamidiseti, G.; Pabboju, S.S.; Rapaka, A.; Babu, C.S.; Shanmugarathinam, G.  
(21) 2021101322 (22) 14.03.2021  
(54) AWS-Cloud Data (EC2) (Amazon Web Services) Performance improvement using Machine and Deep Learning Programming

**NAGARAJU, M. see Y, K.**  
(21) 2021101320

(71) Nanjing Tech University  
(21) 2021101173 (22) 04.03.2021  
(54) ALKALINE CEMENTITIOUS MATERIAL OF C-A-S-H SEED CRYSTAL, PREPARATION METHOD AND USE THEREOF

(71) Nankai University  
(21) 2021101327 (22) 15.03.2021

(54) SUPER-THICK MATERIAL LAYER DISTRIBUTION METHOD  
(31) 202010514669.8 (32) 08.06.20 (33) CN

(71) Nankai University  
(21) 2021101328 (22) 15.03.2021  
(54) SINTERING MIXTURE AND MIXING METHOD, SINTERING ORE AND SINTERING PROCESS  
(31) 202010513616.4 (32) 08.06.20 (33) CN

**Narmadha, C. see koshariya, A.K.**  
(21) 2021101274

**Nasir, M.S. see Upreti, K.**  
(21) 2021101132

**Nayudu, P.P. see Korra, S.N.**  
(21) 2021101252

(71) Nepal, C.; Mainali, B.P.  
(21) 2021101317 (22) 13.03.2021  
(54) Provider borrowers with an interest rate that is in line with their risk profile based on their credit score.

(71) NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED  
(21) 2021101163 (22) 04.03.2021  
(54) An algal oil DHA drop agent and its preparation method

(71) NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED  
(21) 2021101164 (22) 04.03.2021  
(54) Mushroom oil drops and its preparation method

(71) NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED  
(21) 2021101165 (22) 04.03.2021  
(54) Mushroom oil drops and its preparation method

**Nicholas, A.D. see S., D.S.A.**  
(21) 2021101233

**Nigam, U. see Verma, B.K.**  
(21) 2021101194

**Nijhawan, P. see Singh, M.**  
(21) 2021101318

**NISHANT, S. see VINOTH, K.**  
(21) 2021101279

**Nitalikar, M.M. see Raut, I.D.**  
(21) 2021101145

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

(71) Northeast Forestry University  
(21) 2021101284 (22) 12.03.2021  
(54) Metabolome-based method for selecting optimal harvest period of *Eleutherococcus senticosus*  
(31) 202011174767.8 (32) 28.10.20 (33) CN

(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences  
(21) 2021101160 (22) 04.03.2021  
(54) MOWING METHOD OF PERENNIAL FORAGE

Oraon, M. see Mahto, A.  
(21) 2021101311

(71) OXTI CORPORATION  
(21) 2021101293 (22) 12.03.2021  
(54) ADJUSTABLE DESK STRUCTURE

P, S. see Shashidhar, K.  
(21) 2021101316

P., R. see L., R.  
(21) 2021101292

P., P. see L., R.  
(21) 2021101292

Pabboju, S.S. see Mummadi, U.K.  
(21) 2021101322

(71) Pabitha, C.; Vanathi, B.  
(21) 2021101300 (22) 12.03.2021  
(54) A HYBRID SYSTEM FOR SKIN BURN IMAGE CLASSIFICATION AND SEVERITY GRADING AND ITS METHOD THEREOF

(71) Pan, M.; Dai, J.  
(21) 2021101286 (22) 12.03.2021  
(54) A CHILDREN'S TOY RENTAL PLATFORM INTEGRATING RENTAL AND SALES

Panchami, S.V. see Jagadeesh, B.  
(21) 2021101258

Panchpor, M. see Bewoor, L.A.  
(21) 2021101273

Panda, R.B. see Verma, B.K.  
(21) 2021101194

Pandey, A. see Sharma, A.  
(21) 2021101251

Parameswaran, T. see Sathiyaraj, R.  
(21) 2021101326

Parikh, N.S. see JHA, N.  
(21) 2021101228

Patel, V. see Khedkar, E.B.  
(21) 2021101148

Patil, A.S. see Usman, M.R.M.  
(21) 2021101125

Patil, M. see Jaiswal, S.  
(21) 2021101174

(71) Peking Union Medical College and Hospital(PUMCH)  
(21) 2021101268 (22) 11.03.2021  
(54) An artificial intelligence infrared thermal imaging bra system with breast disease detection function

(71) PERDAY'S HEALTH FUNCTIONAL FOOD CO., LIMITED  
(21) 2021101281 (22) 12.03.2021  
(54) Orally-administered dosage form and method of producing the same

Periyasamy, P. see Peroumal, V.  
(21) 2021101272

(71) Peroumal, V.; Periyasamy, P.; Belsam Jeba Ananth, M.; Revathi, K.G.; Rajkumar, E.; Cherappurath, N.; Elayaraja, M.; Kabeer, D.A.; CB, R.; Muhammed Ali, T.; Ghantasala, G.; Mugunthan, S.R.; Sathiyamoorthy, C.; Mohan, A.; Yaseen, S.M.; Mir, L.A.; Kshirsagar, P.R.  
(21) 2021101272 (22) 11.03.2021  
(54) AN ARTIFICIAL INTELLIGENCE BASED HEART RATE MONITORING SYSTEM FOR SPORTS TRAINING

Pingdingshan Academy of Agricultural Sciences see Pingdingshan University  
(21) 2021101153

(71) Pingdingshan University; Pingdingshan Academy of Agricultural Sciences  
(21) 2021101153 (22) 04.03.2021  
(54) CHINESE CHIVE HARVESTER

Pitale, A.D. see Raut, A.S.  
(21) 2021101193

Platoš, J. see Bhattacharyya, S.

(21) 2021101243

(71) Pokhrel, K.; Husain, A.; Singh, L.; Bhattacharjee, D.; Rai, P.; Yadav, C.S.; Khedkar, C.E.; Joshi, C.; Chordiya, (.S.B.); Sarkar, (.B.)  
(21) 2021101255 (22) 10.03.2021  
(54) Analysis and Notification of Real Time Road Accidents Using Machine Learning

POOJARANI, C. see Y, K.  
(21) 2021101320

PRASAD, H. see VINOTH, K.  
(21) 2021101279

Prashanta Kumar, J.S. see Khedkar, E.B.  
(21) 2021101148

Pratap Singh Yadav, J.K. see Kumar Panda, S.  
(21) 2021101143

Priyadharsini, M. see Jaiswal, S.  
(21) 2021101174

(71) PRTI Global Management, LLC  
(21) 2021101230 (22) 09.03.2021  
(54) APPARATUS AND METHOD FOR THERMALLY DEMANUFACTURING TIRES AND OTHER WASTE PRODUCTS  
(31) 63/155,140 (32) 01.03.21 (33) US

(71) PT. Tradecorp Indonesia  
(21) 2021101244 (22) 10.03.2021  
(54) A CONTAINER

Qaseem, M.S. see Shashidhar, K.  
(21) 2021101316

(71) Qilu University of Technology  
(21) 2021101146 (22) 03.03.2021  
(54) PREPARATION METHOD OF POPLAR CATKIN-BASED CARBON FIBRES

(71) Qingdao Agricultural University  
(21) 2021101139 (22) 03.03.2021  
(54) Method for Improving  $\alpha$ -Linolenic Acid Content in Seeds of Oil Peony *Paeonia ostii* 'Feng Dan'

(71) Qingdao Agricultural University  
(21) 2021101297 (22) 12.03.2021  
(54) Genes of Calreticulin of *Sebastes schlegelii* and application thereof

Innovation Patent Applications Filed - Name Index cont'd

**R, R. see S., D.S.A.**  
(21) 2021101233

**R., S. see Jaiswal, S.**  
(21) 2021101172

**R., T. see L., R.**  
(21) 2021101292

**Raghuvanshi, R. see Jaiswal, S.**  
(21) 2021101174

**Raghuwanshi, G.K. see Verma, B.K.**  
(21) 2021101194

**Rahman, I. see Arif, M.**  
(21) 2021101312

**Rai, P. see Pokhrel, K.**  
(21) 2021101255

**Raj, B. see Cheepurupalli, K.K.**  
(21) 2021101242

**Raj, (.B. see Sharma, Y.K.**  
(21) 2021101257

**Raj, T.B. see koshariya, A.K.**  
(21) 2021101274

**RAJARAO, M. see Y, K.**  
(21) 2021101320

(71) Rajinikanth, V.; Kadry, S.; Taniar, D.; Damasevicius, R.  
(21) 2021101306 (22) 12.03.2021  
(54) A SYSTEM AND METHOD FOR PRESERVING DISEASE-EVIDENCE-INFORMATION TO SUPPORT THE AUTOMATED DISEASE DETECTION

**Rajkumar, E. see Peroumal, V.**  
(21) 2021101272

**Rajput, G.K. see Kumar, S.**  
(21) 2021101246

**Raj Singh, S. see Jaiswal, S.**  
(21) 2021101172

**Ramesh, C.G. see S., D.S.A.**  
(21) 2021101233

**RAMESH BABU, M. see VINOTH, K.**

(21) 2021101279

**Rameshkumar, M. see Kumar Panda, S.**  
(21) 2021101143

**Ranjan Jena, S. see Sathiyaraj, R.**  
(21) 2021101326

**Rao, G.S. see Sreelakshmi, K.**  
(21) 2021101248

**Rapaka, A. see Mummadi, U.K.**  
(21) 2021101322

**Rathod, S.R. see Usman, M.R.M.**  
(21) 2021101125

(71) Raut, I.D.; Mohite, S.K.; Doijad, R.C.; Bandgar, S.A.; Nitalikar, M.M.; Gumate, D.S.  
(21) 2021101145 (22) 03.03.2021  
(54) CODELIVERY OF VERAPAMIL WITH CISPLATIN AND PACLITAXEL NANOPALRTICULATE DRUG DELIVERY SYSTEM FOR OVARIAN CANCER  
(31) 202121006433 (32) 16.02.21 (33) IN

(71) Raut, A.S.; Awate, N.P.; Pitale, A.D.; Khond, V.W.; Bhaiswar, V.D.; Deshmukh, D.S.; Walke, P.V.; Shelke, R.S.  
(21) 2021101193 (22) 06.03.2021  
(54) A novel sound assisted cooling system

**Ravikrishna, G. see Jagadeesh, B.**  
(21) 2021101258

**Rayat, A.S. see Deep, K.**  
(21) 2021101131

(71) Razer (Asia-Pacific) Pte. Ltd.  
(21) 2021101333 (22) 15.03.2021  
(54) Charging station for wireless headphone

**Reddy, A. see B, P.**  
(21) 2021101096

**Reddy P., S. see Mummadi, U.K.**  
(21) 2021101322

**Rehana, F. see Shashidhar, K.**  
(21) 2021101316

(71) Reid, J.  
(21) 2021101119 (22) 02.03.2021

(54) A FRAME ASSEMBLY INCLUDING SCREWS  
(62) 2016203238

(71) Research Institute of Highway Ministry of Transport; Beijing Institute of Petrochemical Technology  
(21) 2021101178 (22) 05.03.2021  
(54) An optimization method for biomimetic self-healing nano composite coating

**Revathi, K.G. see Peroumal, V.**  
(21) 2021101272

(71) Ririnui, C.  
(21) 2021101232 (22) 09.03.2021  
(54) PROTEIN BALL MAKER

**Road Biological Environmental Protection Technology(Gulin) co., LTD see Sichuan Agricultural University**  
(21) 2021101209

(71) S., D.S.A.; Jakkareddy, P.S.; Sahu, D.; R, R.; K., K.; M., H.K.; Byatappa, S.; Kanthi, R.G.; Nicholas, A.D.; Ramesh, C.G.; C, H.  
(21) 2021101233 (22) 10.03.2021  
(54) USAGE OF COW URINE AS AN ADDITIVE WITH THE UNUSABLE COOKING OIL FOR THE EMISSION REDUCTION FROM DIESEL ENGINE EXHAUST

**S., A. see L., R.**  
(21) 2021101292

**S., P. see L., R.**  
(21) 2021101292

**Sahu, D. see S., D.S.A.**  
(21) 2021101233

**Saini, A. see Khedkar, E.B.**  
(21) 2021101148

(71) SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)  
(21) 2021101344 (22) 16.03.2021  
(54) A SYSTEM FOR AUTOMATIC CONTACTLESS OPENING OF ENTRANCE AND A METHOD THEREOF

**Samad, A. see Sharma, A.**  
(21) 2021101251

**Sandhu, G.K. see Deep, K.**  
(21) 2021101131



Innovation Patent Applications Filed - Name Index cont'd

**SANJEEV, L. see B.S, S.**  
(21) 2021101301

**SANJEEV, L. see B.S, S.**  
(21) 2021101309

**Sanshi, S. see Vatambeti, R.**  
(21) 2021101341

**Saravana Kumar, E. see Kumar Panda, S.**  
(21) 2021101143

**Sarkar, B.K. see Cheepurupalli, K.K.**  
(21) 2021101242

**Sarkar, (.B. see Pokhrel, K.**  
(21) 2021101255

**Sarkar, (.B. see Sharma, Y.K.**  
(21) 2021101257

(71) SATHEESHA, T.Y.; Satish, P.; M D, S.;  
H V, R.  
(21) 2021101321 (22) 14.03.2021  
(54) WS-Cloud and BigQuery Data Per-  
formance Improved using Machine and  
Deep Learning Programming

**Sathish, A. see Jaiswal, S.**  
(21) 2021101172

**Sathyamoorthy, C. see Peroumal, V.**  
(21) 2021101272

(71) Sathiyaraj, R.; Ranjan Jena, S.; Ku-  
mar Rana, B.; Srivastava, S.K.; Para-  
meswaran, T.; Kumar, S.; Dhanaraj,  
R.K.; Balusamy, B.  
(21) 2021101326 (22) 14.03.2021  
(54) SMART ASSISTING DEVICE FOR  
DEAF-BLINDNESS TO SHOP AT SU-  
PERMARKET

**Satish, P. see SATHEESHA, T.Y.**  
(21) 2021101321

**Saxena, A. see Sharma, A.**  
(21) 2021101251

(71) Sayfa R&D Pty Ltd  
(21) 2021101176 (22) 05.03.2021  
(54) Structural Post for Fall Arrest and Rope  
Access

(71) Sericultural & Agri-food Research Insti-  
tute, Guangdong Academy of Agricul-  
tural Sciences

(21) 2021101170 (22) 04.03.2021  
(54) RAMAN SPECTROSCOPIC METHOD  
FOR ESTIMATING STORAGE PERIOD  
OF CHENPI  
(31) 202010725405.7 (32) 24.07.20 (33) CN

(71) Sewer Surgeon Pty Ltd  
(21) 2021101169 (22) 04.03.2021  
(54) Drainage junction fitting

(71) Shahi, S.; Singh, S.K.  
(21) 2021101308 (22) 12.03.2021  
(54) REMOVAL OF ENVIRONMENT-  
AL POLLUTION BY ENHANCING  
GROWTH OF TRICHODERMA USING  
OLIGOSACCHARIDES EXTRACTED  
FROM GADDI SHEEP'S MILK

(71) Shahid, M.; Iman, K.; Khan, S.; Zee-  
shan, M.; Vakil, F.; Hussain, S.; Ahmad,  
M.

(21) 2021101310 (22) 13.03.2021  
(54) A METHOD FOR SYNTHESIZING A  
HETEROMETALLIC COORDINATION  
COMPOUND CAPTURING SODIUM  
ION IN THE CAVITY WITH CALCIUM  
ION SENSING ABILITY

**Shandong Huachun Fisheries Co., Ltd. see  
Ludong University**  
(21) 2021101190

(71) Shandong Institute For Product Quality  
Inspection  
(21) 2021101166 (22) 04.03.2021  
(54) Magnetic fluid controller for strengthen-  
ing circular flowing of a solar heat-con-  
ducting medium  
(31) 202010159617.3 (32) 09.03.20 (33) CN

**Shandong Jianghe Wetland Ecological Re-  
search Institute see China Institute of Wa-  
ter Resources and Hydropower Research**  
(21) 2021101253

**Shandong Shuojie Biotechnology Co., Ltd  
see China University of Petroleum (East  
China)**  
(21) 2021101219

(71) Shandong University  
(21) 2021101336 (22) 15.03.2021  
(54) A Classification System Of Modulation  
Signal Time-Frequency Image Based  
On Generative Adversarial Network  
And Its Operation Method

**Shandong Yellow River Delta Ocean Tech-  
nology Co., Ltd see Ludong University**

(21) 2021101190

**Shanghai EagleVision Medical Technology  
Co., Ltd see The Second Medical Center,  
Chinese PLA General Hospital**  
(21) 2021101135

(71) Shanghai Ocean University  
(21) 2021101269 (22) 11.03.2021  
(54) METHOD FOR DETERMINING AGE  
OF SEPIA WITH SEPIA BONE  
(31) 202010506013.1 (32) 05.06.20 (33) CN

(71) Shanghai Ocean University  
(21) 2021101329 (22) 15.03.2021  
(54) Prediction method of marine fish boom  
season based on grey system theory  
and its application

**Shanmugarathinam, G. see Mummadi, U.K.**  
(21) 2021101322

(71) Shanxi Kaijia Coalbed Methane Power  
Generation Co., Ltd.  
(21) 2021101260 (22) 11.03.2021  
(54) Remote data monitoring system for gas  
turbine generator set

**Shariq, M. see Arif, M.**  
(21) 2021101312

**Sharma, A. see Gulia, S.**  
(21) 2021101151

**Sharma, T. see Soni, M.**  
(21) 2021101195

**Sharma, V.K. see Kumar, S.**  
(21) 2021101246

(71) Sharma, A.; Mishra, A.; Saxena, A.; Sa-  
mad, A.; Malhotra, D.; Makkar, S.; Ku-  
mar, N.; Dixit, S.; Pandey, A.; Tripathi,  
P.; Gautam, S.  
(21) 2021101251 (22) 10.03.2021  
(54) Block chain based Integrated Forecast,  
Demand and Supply chain manage-  
ment system for marketplace with the  
approach of machine learning

(71) Sharma, Y.K.; Malik, V.; Kumar, M.;  
Singh, L.; Khedkar, C.E.; Chordiya,  
(.S.B.; Joshi, C.; Raj, (.B.; Singh, P.K.;  
Sarkar, (.B.  
(21) 2021101257 (22) 10.03.2021  
(54) USB: AUTO DATA STORE YOUR  
GMAIL AND LINK SHARE YOUR MO-  
BILE NO.) USING AI- BASED PRO-  
GRAMMING

Innovation Patent Applications Filed - Name Index cont'd

	<b>Singh, G. see Deep, K.</b> (21) 2021101131	
<b>(71)</b> Shashidhar, K.; Madupu, A.; Gopinath, R.; Sura, M.R.; Qaseem, M.S.; Rehana, F.; Chouhan, A.S.; Basheer, Q.M.A.; Begum, S.F.; Masood, W.; Sultana, F.; P, S.; Bari, M.A.; C, C.N. <b>(21)</b> 2021101316 <b>(22)</b> 13.03.2021 <b>(54)</b> A SYSTEM FOR SERVICE PROVIDING USING BLOCK-CHAIN		<b>(71)</b> Singh, M.; Nijhawan, P.; Ganguli, S.; Karelia, N.; Amir, M. <b>(21)</b> 2021101318 <b>(22)</b> 14.03.2021 <b>(54)</b> A new method for adaptive overcurrent protection for detection of series-shunt faults for low X/R distributed generators using d-components
<b>Shelke, R.S. see Raut, A.S.</b> (21) 2021101193	<b>(71)</b> Singh, P.D.; Kaur, R.; Deep, K.; Deep, T.; Gupta, A.; Soni, P.; Deora, B.S.; Kaur, A.; Kaur, S. <b>(21)</b> 2021101149 <b>(22)</b> 04.03.2021 <b>(54)</b> IOT BASED SECURE EDUCATIONAL SYSTEM	<b>Singh, V.K. see Singh, S.</b> (21) 2021101343
<b>(71)</b> Shenyang Aerospace University <b>(21)</b> 2021101155 <b>(22)</b> 04.03.2021 <b>(54)</b> PROCESS FOR REMOVING FATTY ACIDS IN WASTEWATER FROM TEXTILE INDUSTRY WITH ACID-BASE MODIFIED POROUS BORON NITRIDE	<b>Singh, D.K. see Soni, M.</b> (21) 2021101195	<b>(71)</b> Singh, S.; Kumar, C.; Singh, V.K. <b>(21)</b> 2021101343 <b>(22)</b> 16.03.2021 <b>(54)</b> A METHOD FOR ANALYSIS AND INTERPRETATION OF CROP BIOINFORMATICS REPEATS SEQUENCE PATTERN
<b>Shukla, A. see F., F.</b> (21) 2021101325	<b>Singh, L. see Cheepurupalli, K.K.</b> (21) 2021101242	<b>Singhal, T. see Kumar, S.</b> (21) 2021101246
<b>Shukla, S. see F., F.</b> (21) 2021101325	<b>Singh, V. see Kumar, S.</b> (21) 2021101246	<b>Singhal, A. see Kumar, S.</b> (21) 2021101246
<b>Shunfeng Agriculture Group Co., Ltd see Liaoning Academy of Agricultural Sciences</b> (21) 2021101175	<b>Singh, S. see Kumar, S.</b> (21) 2021101246	<b>Siwach, M. see Choudhary, A.</b> (21) 2021101278
<b>(71)</b> Sichuan Agricultural University <b>(21)</b> 2021101200 <b>(22)</b> 08.03.2021 <b>(54)</b> A biochar organic fertilizer applied to rice field and preparation method thereof	<b>Singh, L. see Pokhrel, K.</b> (21) 2021101255	<b>(71)</b> SmartComm Electronics Pte Ltd <b>(21)</b> 2021101289 <b>(22)</b> 12.03.2021 <b>(54)</b> Food waste recycle machine <b>(31)</b> 10202102313U <b>(32)</b> 08.03.21 <b>(33)</b> SG
<b>(71)</b> Sichuan Agricultural University; Yangping species of cattle in Sichuan province; Road Biological Environmental Protection Technology(Gulin) co., LTD <b>(21)</b> 2021101209 <b>(22)</b> 08.03.2021 <b>(54)</b> A Kind of Feed Additive for Reducing the Somatic Cell Count of Dairy Cattle and its Preparation Method	<b>(71)</b> Singh, L.; Husain, A.; Desai, D.; kumar, S.; Tripathi, G.; Belerao, K.T.; Dwivedi, Y.D.; Khedkar, A.E.; Chordiya, (.S.B.; Joshi, C. <b>(21)</b> 2021101256 <b>(22)</b> 10.03.2021 <b>(54)</b> Airplane Accidents Predictive Using AI and Machine Learning Programming	<b>Snasel, V. see Bhattacharyya, S.</b> (21) 2021101243
<b>(71)</b> Sichuan Juyuan Pieces of Chinese Medicine Company, Ltd. <b>(21)</b> 2021101168 <b>(22)</b> 04.03.2021 <b>(54)</b> Traditional Chinese herbal composition and preparation thereof	<b>Singh, L. see Sharma, Y.K.</b> (21) 2021101257	<b>Som, T. see Jain, P.</b> (21) 2021101340
<b>Singh, P.D. see Deep, K.</b> (21) 2021101131	<b>Singh, P.K. see Sharma, Y.K.</b> (21) 2021101257	<b>SOMAYAJULU, M. see Y, K.</b> (21) 2021101320
<b>Singh, A. see Deep, K.</b> (21) 2021101131	<b>Singh, T.V. see Singh, R.K.</b> (21) 2021101298	<b>Soni, P. see Singh, P.D.</b> (21) 2021101149
	<b>Singh, U.S. see Singh, R.K.</b> (21) 2021101298	<b>(71)</b> Soni, M.; Singh, D.K.; Gupta, V.; Hasan, A.; Dhiman, G.; Churi, P.; Khan, I.R.; Sharma, T.; doewes, R.; Gomathi, S. <b>(21)</b> 2021101195 <b>(22)</b> 07.03.2021 <b>(54)</b> Privacy-preserving Authentication and Key-Management Protocol for Health Information System
	<b>(71)</b> Singh, R.K.; Singh, T.V.; Singh, U.S. <b>(21)</b> 2021101298 <b>(22)</b> 12.03.2021 <b>(54)</b> A METHOD TO ANALYZE THE VARIABILITY IN THE ARCTIC SNOWMELT ONSET DATES (SMOD)	<b>(71)</b> Southern Marine Science and Engineering Guangdong Laboratory (Zhanjiang); China University of Petroleum (East China) <b>(21)</b> 2021101183 <b>(22)</b> 05.03.2021
	<b>Singh, S.K. see Shahi, S.</b> (21) 2021101308	

Innovation Patent Applications Filed - Name Index cont'd

(54) Closed Ocean Thermal Energy Conversion System  
(31) 202110115436.5 (32) 28.01.21 (33) CN

(71) Southwest University  
(21) 2021101197 (22) 07.03.2021  
(54) Facial recognition system based on neural network

(71) Southwest University  
(21) 2021101198 (22) 07.03.2021  
(54) An Unmanned Aerial Vehicle#UAV#Tracking System Based On Neural Network

(71) Southwest University of Science and Technology  
(21) 2021101291 (22) 12.03.2021  
(54) VISION-BASED POSITIONING SYSTEM FOR SLOT DURING HIGH-SPEED MOTION AND POSITIONING METHOD THEREOF

(71) Sreelakshmi, K.; Rao, G.S.; Kumar, M.N.V.S.S.  
(21) 2021101248 (22) 10.03.2021  
(54) A RECONFIGURABLE QUAD-BAND ANTENNA DEVICE FOR WIRELESS COMMUNICATION

Srivastav, G. see Kumar, S.  
(21) 2021101246

Srivastava, S.K. see Sathiyaraj, R.  
(21) 2021101326

Subramanyam, M.V. see Cheepurupalli, K.K.  
(21) 2021101242

Suchitra, M. see Jagadeesh, B.  
(21) 2021101258

Sudheesh K., V. see Jagadeesh, B.  
(21) 2021101258

Sultana, F. see Shashidhar, K.  
(21) 2021101316

Sura, M.R. see Shashidhar, K.  
(21) 2021101316

SVB, S.R. see L., R.  
(21) 2021101292

Syed, M.H. see Upreti, K.  
(21) 2021101132

Syed, M.P. see Korra, S.N.  
(21) 2021101252

T., S. see F., F.  
(21) 2021101325

T.J, D. see Thota, S.  
(21) 2021101117

(71) TAG 360 PTY LIMITED  
(21) 2021101250 (22) 10.03.2021  
(54) ShabuLite | Device for vaporising medicinal and chemical compounds for inhalation

(71) Taiyuan University of Technology  
(21) 2021101226 (22) 09.03.2021  
(54) STROKE LESION SEGMENTATION METHOD AND SYSTEM  
(31) 202011047387. 8 (32) 29.09.20 (33) CN

(71) Taiyuan University of Technology  
(21) 2021101262 (22) 11.03.2021  
(54) Device for simultaneous installation of acoustic emission probe and microseismic probe and test method for specimens

Tamrakar, S. see B, P.  
(21) 2021101096

Taniar, D. see Rajinikanth, V.  
(21) 2021101306

(71) Tea Research Institute, Guangdong Academy of Agricultural Sciences  
(21) 2021101179 (22) 05.03.2021  
(54) APPLICATION OF THEANINE IN PREPARATION OF PRODUCTS FOR ALLEVIATING ALCOHOLIC LIVER INJURY  
(31) 2020106959101 (32) 17.07.20 (33) CN

Thankam, T. see F., F.  
(21) 2021101325

(71) The Fourth Medical Center of Chinese People's Liberation Army General Hospital  
(21) 2021101283 (22) 12.03.2021  
(54) Rehabilitation Chair for Orthopedics Department  
(31) 202011304558.0 (32) 19.11.20 (33) CN

(71) The Fourth Medical Center of Chinese People's Liberation Army General Hospital  
(21) 2021101287 (22) 12.03.2021

(54) Adjustable minimal-invasive decompression guiding device for femoral head necrosis in operating room  
(31) 202011227104.8 (32) 06.11.20 (33) CN

(71) The Modern Medics Pty Ltd  
(21) 2021101245 (22) 10.03.2021  
(54) A REHABILITATION DEVICE

(71) The Scooter Factory Pty Ltd  
(21) 2021101282 (22) 12.03.2021  
(54) A ready access off-road vehicle  
(62) 2016282073

(71) The Second Medical Center, Chinese PLA General Hospital; Shanghai Eagle-Vision Medical Technology Co., Ltd  
(21) 2021101135 (22) 03.03.2021  
(54) Fundus Image Processing Method and Device

(71) Thota, S.; K, V.S.M.B.; Byreddy, N.; T.J, D.  
(21) 2021101117 (22) 02.03.2021  
(54) SMART EV CHARGING TIME ESTIMATION SYSTEM AND METHOD THEREOF

(71) TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.  
(21) 2021101270 (22) 11.03.2021  
(54) STAGGERED TYPE OPEN-HOLE WAVE-DISSIPATING BREAKWATER SUITABLE FOR OBLIQUE WAVE ACTION  
(31) 202022385428.6 (32) 23.10.20 (33) CN

(71) TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.  
(21) 2021101271 (22) 11.03.2021  
(54) FLOW DIVIDING STRUCTURE OF WATER INLET FRONT POOL SUITABLE FOR CONCENTRATED WATER CONVEYANCE OF SINGLE PIPE CULVERT  
(31) 202022382496.7 (32) 23.10.20 (33) CN

(71) Tianjin University  
(21) 2021101234 (22) 10.03.2021  
(54) CYCLOPENTADIENYL TRIMEMBERED RING FUEL, PREPARATION METHOD AND APPLICATION THEREOF, AND AIROSPACE AIRCRAFT FUEL  
(31) 202010402286.1 (32) 13.05.20 (33) CN

Tiwari, A.K. see Jain, P.  
(21) 2021101340

TOOMULA, S. see Jaiswal, S.

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021101172

**Treezo New Material Technology Group Co., Ltd. see Central South University of Forestry and Technology**  
(21) 2021101207

**Tripathi, P. see Sharma, A.**  
(21) 2021101251

**Tripathi, G. see Singh, L.**  
(21) 2021101256

(71) Truniversal Products Pty Ltd  
(21) 2021101267 (22) 11.03.2021  
(54) Container Scoop

**TukaramPise, A. see Gajghate, S.S.**  
(21) 2021101150

(71) University of Agricultural Sciences  
(21) 2021101342 (22) 16.03.2021  
(54) ENHANCED LOOP-MEDIATED ISOTHERMAL AMPLIFICATION METHOD FOR DETECTING LATENT XAP INFECTIOIN IN POMEGRANATE

(71) University of Electronic Science and Technology of China  
(21) 2021101159 (22) 04.03.2021  
(54) A fence climbing detection method based on deep learning

(71) Upreti, K.; Vargis, B.K.; Syed, M.H.; Kumar, N.; Jain, V.; Gupta, S.; Alam, M.S.; Jalil, S.Z.A.; Nasir, M.S.  
(21) 2021101132 (22) 03.03.2021  
(54) ANALYSIS AND MONITORING OF BRAINWAVES FOR EPILEPSY TREATMENT USING ARTIFICIAL INTELLIGENCE  
(31) 202111007822 (32) 24.02.21 (33) IN

(71) Usman, M.R.M.; Patil, A.S.; Rathod, S.R.; Babu, S.S.S.  
(21) 2021101125 (22) 02.03.2021  
(54) A METHOD OF PREPARATION OF ETHANOLIC EXTRACT OF LEAVES OF CASSIA JAVANICA LINN. IN TRITON INDUCED RATS FOR ANTI-HYPERLIPIDEMIC EFFECT

**V, K. see Mummadi, U.K.**  
(21) 2021101322

**VADHRI, S. see L., R.**  
(21) 2021101292

**Vakil, F. see Shahid, M.**

(21) 2021101310

**Vanathi, B. see Pabitha, C.**  
(21) 2021101300

**Vargis, B.K. see Upreti, K.**  
(21) 2021101132

(71) Vatambeti, R.; Sanshi, S.; Krishna, E.S.P.; Kumar R., S.; Kocherla, R.; Mekala, M.S.; Krishna D., P.; Gopalachary, M.V.; Ganesh, D.  
(21) 2021101341 (22) 16.03.2021  
(54) Woman Safety Hidden Malicious Chip Using IoT- Based Location Tracking Technology

**Vatchala, S. see Jaiswal, S.**  
(21) 2021101172

**Venugopal, K. see Manikandan, E.**  
(21) 2021101319

(71) Verma, B.K.; Lokulwar, P.; Aquatar, M.O.; Panda, R.B.; Raghuvanshi, G.K.; Dixit, P.; Nigam, U.; Khan, I.R.; Kumar, P.; Ahmed, A.A.A.  
(21) 2021101194 (22) 07.03.2021  
(54) A SMART CITY SYSTEM FOR CITIZEN'S UTILIZING UBIQUITOUS COMPUTING TECHNIQUE

**Verma, S. see Cheepurupalli, K.K.**  
(21) 2021101242

(71) Vidyalankar School of Information Technology  
(21) 2021101147 (22) 03.03.2021  
(54) SYSTEMS AND METHODS FOR AN INTERACTIVE VIRTUAL PERSONAL ASSISTANT

(71) VINOTH, K.; RAMESH BABU, M.; Kumar, C.V.; CHIDAMBARARAJ, N.; PRASAD, H.; NISHANT, S.; ARAVINDHAN, K.; CHILAMBARARSAN, M.  
(21) 2021101279 (22) 12.03.2021  
(54) FUZZY LOGIC BASED GRID CONNECTED HYBRID ENERGY SYSTEM WITH MODIFIED LUO CONVERTER

**Vishwakarma, P.K. see Kumar, S.**  
(21) 2021101246

**VN, S.K.C. see L., R.**  
(21) 2021101292

**Walke, P.V. see Raut, A.S.**  
(21) 2021101193

**Waris, S.F. see Korra, S.N.**  
(21) 2021101252

(71) Wei, T.  
(21) 2021101187 (22) 05.03.2021  
(54) Structure and control method of half-bridge bidirectional converter

(71) Wu Xi Galaxis Technology Company Limited  
(21) 2021101235 (22) 10.03.2021  
(54) GUIDE WHEEL MOUNTING STRUCTURE, GUIDE STRUCTURE AND SHUTTLE VEHICLE  
(31) 202021857222.2 (32) 31.08.20 (33) CN

(71) Wu Xi Galaxis Technology Company Limited  
(21) 2021101280 (22) 12.03.2021  
(54) LIFTER AND GOODS LIFTING SYSTEM  
(31) 202021970317.5 (32) 10.09.20 (33) CN

(71) Wuxi JHT Homewares Co., Ltd.  
(21) 2021101295 (22) 12.03.2021  
(54) COMPOSITE MATERIAL COMPRISING GRAPHENE QUANTUM DOTS AND METHOD FOR PREPARING THE SAME  
(31) 202110029490.8 (32) 11.01.21 (33) CN

(71) Xinjiang Kok Dala Agricultural Science and Technology Co.,Ltd  
(21) 2021101330 (22) 15.03.2021  
(54) Special biological organic fertilizer for liquid cantaloupe and its application

(71) Xuzhou University Of Technology  
(21) 2021101222 (22) 09.03.2021  
(54) A filter bed structure for microbial incubator

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
(21) 2021101254 (22) 10.03.2021  
(54) PASTEURIZED MILK TREATMENT DEVICE  
(31) 202011174237.3 (32) 28.10.20 (33) CN

(71) Y, K.; NAGARAJU, M.; RAJARAO, M.; SOMAYAJULU, M.; KOTESWARA-MMA, A.; POOJARANI, C.  
(21) 2021101320 (22) 14.03.2021  
(54) Bitcoin Price Predictor Using AI-Based Programming

**Yadav, C.S. see Cheepurupalli, K.K.**  
(21) 2021101242

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

**Yadav, C.S. see Pokhrel, K.**

(21) 2021101255

---

**Yangping species of cattle in Sichuan province see Sichuan Agricultural University**

(21) 2021101209

---

(71) Yangzhou University

(21) 2021101223 (22) 09.03.2021

(54) METHOD FOR LONG-TERM IN VITRO CULTURE OF CHICKEN PGCs

(31) 202010410510.1 (32) 15.05.20 (33) CN

---

(71) Yaramen Pty Ltd

(21) 2021101171 (22) 04.03.2021

(54) Fuel cap alarm

(31) 2020900652 (32) 04.03.20 (33) AU

---

**Yaseen, S.M. see Peroumal, V.**

(21) 2021101272

---

(71) Zacklova, E.

(21) 2021101275 (22) 11.03.2021

(54) KEEPING FOCUS SCREEN PROTECTOR

---

**Zeeshan, M. see Shahid, M.**

(21) 2021101310

---

(71) Zhejiang Academy of Agricultural Sciences

(21) 2021101167 (22) 04.03.2021

(54) Botrytis cinerea inhibitor and use thereof

(31) 202010169731.4 (32) 12.03.20 (33) CN

---

(71) Zhejiang Normal University Xingzhi College

(21) 2021101199 (22) 08.03.2021

(54) TETRACYCLINE PHOTOELECTRO-CHEMICAL APTASENSOR AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF

---

(71) Zhengzhou FoamTech Nano Materials Co Ltd; LI, Y.

(21) 2021101124 (22) 02.03.2021

(54) A kind of melamine formaldehyde resin production device with cooling device

---

(71) Zhengzhou FoamTech Nano Materials Co Ltd; LI, Y.

(21) 2021101158 (22) 04.03.2021

(54) A production device of melamine resin powder

---

(71) Zillicymbals

(21) 2021101156 (22) 04.03.2021

(54) Drum Sound Changing Mat

---

Numerical Index

<b>2021100931</b>	Bee A Solution Hive Inspections Pty Ltd	<b>2021101168</b>	Sichuan Juyuan Pieces of Chinese Medicine Company, Ltd.
<b>2021101091</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences	<b>2021101169</b>	Sewer Surgeon Pty Ltd
<b>2021101096</b>	B. P.; Reddy, A.; Divakar, B.P.; Dash, R.; Balaji, A.; Bharat, M.; Tamrakar, S.	<b>2021101170</b>	Sericultural & Agri-food Research Institute, Guangdong Academy of Agricultural Sciences
<b>2021101100</b>	Chatterjee, S.; Mukherjee, A.; Das, A.; Chatterjee, K.; Kalam, A.; Chatterjee, S.; Maiti, R.; Mukherjee, G.S.	<b>2021101171</b>	Yaramen Pty Ltd
<b>2021101117</b>	Thota, S.; K, V.S.M.B.; Byreddy, N.; T.J, D.	<b>2021101172</b>	Jaiswal, S.; R., S.; TOOMULA, S.; Raj Singh, S.; Arora, T.K.; Kumar Chaubey, P.; Jaiswal, T.; Agarwal, S.; Sathish, A.; Vatchala, S.
<b>2021101119</b>	Reid, J.	<b>2021101173</b>	Nanjing Tech University
<b>2021101124</b>	Zhengzhou FoamTech Nano Materials Co Ltd; LI, Y.	<b>2021101174</b>	Jaiswal, S.; Kamal, N.; Misra, A.; Priyadharsini, M.; Kumar, A.; Chaudhari, S.U.; Patil, M.; Raghuvanshi, R.; Krishnamoorthy, R.; Bharamagoudar, G.R.
<b>2021101125</b>	Usman, M.R.M.; Patil, A.S.; Rathod, S.R.; Babu, S.S.S.	<b>2021101175</b>	Liaoning Academy of Agricultural Sciences; Liaoning Shunyi Agricultural Technology Co., Ltd; Shunfeng Agriculture Group Co., Ltd
<b>2021101131</b>	Deep, K.; Singh, P.D.; Singh, A.; Kumar, M.; Khurana, R.; Rayat, A.S.; Sandhu, G.K.; Bhatia, J.; Singh, G.	<b>2021101176</b>	Sayfa R&D Pty Ltd
<b>2021101132</b>	Upreti, K.; Vargis, B.K.; Syed, M.H.; Kumar, N.; Jain, V.; Gupta, S.; Alam, M.S.; Jalil, S.Z.A.; Nasir, M.S.	<b>2021101177</b>	Hamilton, J.
<b>2021101133</b>	Beijing Institute of Nutritional Resources; Beijing Health Information Medical Technology Inc	<b>2021101178</b>	Research Institute of Highway Ministry of Transport; Beijing Institute of Petrochemical Technology
<b>2021101134</b>	Beijing Institute of Nutritional Resources; Beijing Health Information Medical Technology Inc.	<b>2021101179</b>	Tea Research Institute, Guangdong Academy of Agricultural Sciences
<b>2021101135</b>	The Second Medical Center, Chinese PLA General Hospital; Shanghai EagleVision Medical Technology Co., Ltd	<b>2021101180</b>	Bozhou University
<b>2021101136</b>	Jingchu university of technology	<b>2021101181</b>	Hefei Normal University
<b>2021101137</b>	Meng, Z.	<b>2021101182</b>	Bozhou University
<b>2021101138</b>	Mianyang Central Hospital	<b>2021101183</b>	Southern Marine Science and Engineering Guangdong Laboratory (Zhanjiang); China University of Petroleum (East China)
<b>2021101139</b>	Qingdao Agricultural University	<b>2021101184</b>	Fujian Chuazheng Communications College
<b>2021101140</b>	Hunan Agricultural University	<b>2021101185</b>	Fujian Chuazheng Communications College
<b>2021101141</b>	Burrows, K.D.	<b>2021101186</b>	Henan Provincial Communications Planning & Design Institute Co., LTD
<b>2021101142</b>	China University of Petroleum (East China)	<b>2021101187</b>	Wei, T.
<b>2021101143</b>	Kumar Panda, S.; Dahiya, S.; Devi V., A.; Kumar Shukla, P.; Mahapatra, B.; Rameshkumar, M.; Saravana Kumar, E.; Dhall Samanta, L.; Chhikara, A.; Kaur, I.; Pratap Singh Yadav, J.K.; Chandra Panda, R.	<b>2021101188</b>	KLIP FORM PTY LTD; Alameddine, B.
<b>2021101144</b>	Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences	<b>2021101189</b>	Deltapay Pty Ltd
<b>2021101145</b>	Raut, I.D.; Mohite, S.K.; Doijad, R.C.; Bandgar, S.A.; Nitalikar, M.M.; Gumate, D.S.	<b>2021101190</b>	Ludong University; Shandong Huachun Fisheries Co., Ltd.; Shandong Yellow River Delta Ocean Technology Co., Ltd
<b>2021101146</b>	Qilu University of Technology	<b>2021101191</b>	China Railway 19 Bureau Group Guangzhou Engineering Co., Ltd.
<b>2021101147</b>	Vidyalankar School of Information Technology	<b>2021101192</b>	China Railway 19 Bureau Group Guangzhou Engineering Co., Ltd.
<b>2021101148</b>	Khedkar, E.B.; Khedkar, C.E.; Khedkar, A.E.; Lande, G.; Haldar, O.P.; Bachhav, S.P.; Patel, V.; Jana, D.; Singh, S.K.; Saini, A.; Kumar, P.; Prashanta Kumar, J.S.	<b>2021101193</b>	Raut, A.S.; Awate, N.P.; Pitale, A.D.; Khond, V.W.; Bhaiswar, V.D.; Deshmukh, D.S.; Walke, P.V.; Shelke, R.S.
<b>2021101149</b>	Singh, P.D.; Kaur, R.; Deep, K.; Deep, T.; Gupta, A.; Soni, P.; Deora, B.S.; Kaur, A.; Kaur, S.	<b>2021101194</b>	Verma, B.K.; Lokulwar, P.; Aquatar, M.O.; Panda, R.B.; Raghuvanshi, G.K.; Dixit, P.; Nigam, U.; Khan, I.R.; Kumar, P.; Ahmed, A.A.A.
<b>2021101150</b>	Gajghate, S.S.; Acharya, A.R.; TukaramPise, A.	<b>2021101195</b>	Soni, M.; Singh, D.K.; Gupta, V.; Hasan, A.; Dhiman, G.; Churi, P.; Khan, I.R.; Sharma, T.; doewes, R.; Gomathi, S.
<b>2021101151</b>	Gulia, S.; Mukherjee, S.; Sharma, A.	<b>2021101196</b>	chavan, r.
<b>2021101152</b>	Chattopadhyay, J.	<b>2021101197</b>	Southwest University
<b>2021101153</b>	Pingdingshan University; Pingdingshan Academy of Agricultural Sciences	<b>2021101198</b>	Southwest University
<b>2021101154</b>	delacruz, f.	<b>2021101199</b>	Zhejiang Normal University Xingzhi College
<b>2021101155</b>	Shenyang Aerospace University	<b>2021101200</b>	Sichuan Agricultural University
<b>2021101156</b>	Zillicymbals	<b>2021101201</b>	Chongqing University of Science and Technology
<b>2021101157</b>	EC Pharma	<b>2021101203</b>	Keogh, M.H.M.; Barker, R.J.
<b>2021101158</b>	Zhengzhou FoamTech Nano Materials Co Ltd; LI, Y.	<b>2021101204</b>	McDonald, P.
<b>2021101159</b>	University of Electronic Science and Technology of China	<b>2021101206</b>	Fraser, M.A.
<b>2021101160</b>	Northwest Institute of Plateau Biology, Chinese Academy of Sciences	<b>2021101207</b>	Central South University of Forestry and Technology; Treezo New Material Technology Group Co., Ltd.
<b>2021101161</b>	Chemvet Australia Pty Ltd	<b>2021101208</b>	CoalBed Innovations Pty Limited
<b>2021101162</b>	F.V. Bilotto Nominees Pty Ltd	<b>2021101209</b>	Sichuan Agricultural University; Yangping species of cattle in Sichuan province; Road Biological Environmental Protection Technology(Gulin) co., LTD
<b>2021101163</b>	NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED	<b>2021101210</b>	Dalian Minzu University
<b>2021101164</b>	NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED	<b>2021101211</b>	Jiangsu Jiabo Industrial Development Group Co., Ltd.
<b>2021101165</b>	NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED		
<b>2021101166</b>	Shandong Institute For Product Quality Inspection		
<b>2021101167</b>	Zhejiang Academy of Agricultural Sciences		

Innovation Patent Applications Filed - Numerical Index cont'd

<b>2021101214</b>	Manipur International University		
<b>2021101216</b>	Anhui Academy of Agricultural Sciences Institute of Fisheries	<b>2021101259</b>	Chethan, K.; Mahadevaswamy, M.; Panchami, S.V.; Ravikrishna, G.
<b>2021101217</b>	Anhui Academy of Agricultural Sciences Institute of Fisheries	<b>2021101260</b>	Kumar, A.; Ganguli, S.; Babuta, A.; Goel, N.; Gupta, B. Shanxi Kaijia Coalbed Methane Power Generation Co., Ltd.
<b>2021101218</b>	Djirlic, S.	<b>2021101261</b>	Mitani, T.
<b>2021101219</b>	China University of Petroleum (East China); Dongying Zhishui Environmental Protection Technology Co. LTD; Shandong Shuojie Biotechnology Co., Ltd	<b>2021101262</b>	Taiyuan University of Technology
<b>2021101222</b>	Xuzhou University Of Technology	<b>2021101263</b>	East China University of Technology
<b>2021101223</b>	Yangzhou University	<b>2021101264</b>	East China University of Technology
<b>2021101224</b>	Animal Products Quality and Safety Center of Shandong Province	<b>2021101265</b>	Esasolar Energy System, S.L.
<b>2021101225</b>	Miles, S.	<b>2021101266</b>	Institute of Agricultural Applied Microbiology, Jiangxi Academy of Agricultural Sciences
<b>2021101226</b>	Taiyuan University of Technology	<b>2021101267</b>	Truniversal Products Pty Ltd
<b>2021101227</b>	CYCLINGDEAL USA, INC.	<b>2021101268</b>	Peking Union Medical College and Hospital(PUMCH)
<b>2021101228</b>	JHA, N.; Parikh, N.S.	<b>2021101269</b>	Shanghai Ocean University
<b>2021101229</b>	FCI Holdings Delaware, Inc.	<b>2021101270</b>	TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.
<b>2021101230</b>	PRTI Global Management, LLC	<b>2021101271</b>	TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING, M. O. T.
<b>2021101232</b>	Ririnui, C.	<b>2021101272</b>	Peroumal, V.; Periyasamy, P.; Belsam Jeba Ananth, M.; Revathi, K.G.; Rajkumar, E.; Cherappurath, N.; Elayaraja, M.; Kabeer, D.A.; CB, R.; Muhammed Ali, T.; Ghantasala, G.; Mugunthan, S.R.; Sathiyamoorthy, C.; Mohan, A.; Yaseen, S.M.; Mir, L.A.; Kshirsagar, P.R.
<b>2021101233</b>	S., D.S.A.; Jakkareddy, P.S.; Sahu, D.; R, R.; K., K.; M., H.K.; Byatappa, S.; Kanthi, R.G.; Nicholas, A.D.; Ramesh, C.G.; C, H.	<b>2021101273</b>	Bewoor, L.A.; Kale, P.; Panchpor, M.
<b>2021101234</b>	Tianjin University	<b>2021101274</b>	koshariya, A.K.; Chakrabarti, T.; Hati, A.S.; Bhuvana, J.; Raj, T.B.; Narmadha, C.; Hamsadhwani, V.; Arulmurugan, A.; Khan, T.A.K.; Hangaragi, S.S.; Chakrabarti, P.; Devi, G.R.
<b>2021101235</b>	Wu Xi Galaxis Technology Company Limited		Zacklova, E.
<b>2021101236</b>	M.a.B Engineering Services Pty Ltd; Groves, J.; Crouch, P.		6 Star Group
<b>2021101237</b>	Institute of Soil Science, Chinese Academy of Sciences		Choudhary, A.; Arora, A.; Siwach, M.; Gupta, A.
<b>2021101238</b>	Institute of Water Resources for Pastoral Area, Ministry of Water Resources		VINOTH, K.; RAMESH BABU, M.; Kumar, C.V.;
<b>2021101239</b>	Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences		CHIDAMBARAJ, N.; PRASAD, H.; NISHANT, S.;
<b>2021101240</b>	Guangzhou University		ARAVINDHAN, K.; CHILAMBARANSAN, M.
<b>2021101241</b>	BEIHANG UNIVERSITY		Wu Xi Galaxis Technology Company Limited
<b>2021101242</b>	Cheepurupalli, K.K.; Singh, L.; Subramanyam, M.V.; Verma, S.; Khedkar, E.B.; Raj, B.; Chordiya, S.B.; Yadav, C.S.; Sarkar, B.K.	<b>2021101280</b>	PERDAY'S HEALTH FUNCTIONAL FOOD CO., LIMITED
<b>2021101243</b>	Bhattacharyya, S.; Basu, A.; De, S.; Platoš, J.; Snašel, V.; Mršić, L.	<b>2021101281</b>	The Scooter Factory Pty Ltd
<b>2021101244</b>	PT. Tradecorp Indonesia	<b>2021101282</b>	The Fourth Medical Center of Chinese People's Liberation Army General Hospital
<b>2021101245</b>	The Modern Medics Pty Ltd	<b>2021101283</b>	Northeast Forestry University
<b>2021101246</b>	Kumar, S.; Sharma, V.K.; Vishwakarma, P.K.; Rajput, G.K.; Singh, V.; Singh, S.; Singhal, T.; Singhal, A.; Srivastav, G.; Jain, N.; Kant, S.	<b>2021101284</b>	Guan, W.
<b>2021101247</b>	Guangdong University of Technology	<b>2021101285</b>	Pan, M.; Dai, J.
<b>2021101248</b>	Sreelakshmi, K.; Rao, G.S.; Kumar, M.N.V.S.S.	<b>2021101286</b>	The Fourth Medical Center of Chinese People's Liberation Army General Hospital
<b>2021101249</b>	Mishra, R.	<b>2021101287</b>	Hunan Jinpan New Material Technology Co., Ltd.
<b>2021101250</b>	TAG 360 PTY LIMITED	<b>2021101288</b>	SmartComm Electronics Pte Ltd
<b>2021101251</b>	Sharma, A.; Mishra, A.; Saxena, A.; Samad, A.; Malhotra, D.; Makkar, S.; Kumar, N.; Dixit, S.; Pandey, A.; Tripathi, P.; Gautam, S.	<b>2021101289</b>	Battery Graphene Corp Pty Ltd
<b>2021101252</b>	Korra, S.N.; Chakrabarti, T.; Hati, A.S.; Das, A.; Gupta, P.; Nayudu, P.P.; Waris, S.F.; Chanthirasekaran, K.; Syed, M.P.; Chembukavu, J.; Chakrabarti, P.; Kothandaraman, D.	<b>2021101290</b>	Southwest University of Science and Technology
<b>2021101253</b>	China Institute of Water Resources and Hydropower Research; Shandong Jianghe Wetland Ecological Research Institute; Chengtong Kaisheng Ecological Construction Co., Ltd.	<b>2021101291</b>	L., R.; P., R.; A., D.; VN, S.K.C.; SVB, S.R.; VADHRI, S.; P., P.; S., A.; R., T.; A., P.K.; S., P.; K., S.
<b>2021101254</b>	XUZHOU UNIVERSITY OF TECHNOLOGY	<b>2021101292</b>	OXTI CORPORATION
<b>2021101255</b>	Pokhrel, K.; Husain, A.; Singh, L.; Bhattacharjee, D.; Rai, P.; Yadav, C.S.; Khedkar, C.E.; Joshi, C.; Chordiya, (S.B.); Sarkar, (B.	<b>2021101293</b>	HARBIN ENGINEERING UNIVERSITY
<b>2021101256</b>	Singh, L.; Husain, A.; Desai, D.; kumar, S.; Tripathi, G.; Belerao, K.T.; Dwivedi, Y.D.; Khedkar, A.E.; Chordiya, (S.B.); Joshi, C.	<b>2021101294</b>	Wuxi JHT Homewares Co., Ltd.
<b>2021101257</b>	Sharma, Y.K.; Malik, V.; Kumar, M.; Singh, L.; Khedkar, C.E.; Chordiya, (S.B.); Joshi, C.; Raj, (B.); Singh, P.K.; Sarkar, (B.	<b>2021101295</b>	Qingdao Agricultural University
<b>2021101258</b>	Jagadeesh, B.; Audre Arlene, A.; Sudheesh K., V.; Chandrashekar, M.P.; Suchitra, M.; Geethashree, A.;	<b>2021101297</b>	Singh, R.K.; Singh, T.V.; Singh, U.S.
		<b>2021101298</b>	Pabitha, C.; Vanathi, B.
		<b>2021101300</b>	B.S, S.; SANJEEV, L.; H.N, G.
		<b>2021101301</b>	Rajinikanth, V.; Kadry, S.; Taniar, D.; Damasevicius, R.
		<b>2021101302</b>	Shahi, S.; Singh, S.K.
		<b>2021101303</b>	B.S, S.; H.N, G.; SANJEEV, L.
		<b>2021101304</b>	Shahid, M.; Iman, K.; Khan, S.; Zeeshan, M.; Wakil, F.; Hussain, S.; Ahmad, M.
		<b>2021101305</b>	Mahto, A.; Oraon, M.
		<b>2021101306</b>	Arif, M.; Al-Hagri, M.G.; Shariq, M.; Rahman, I.; Ali Hassan, A.S.; Baqi, A.
		<b>2021101307</b>	Dunbar, J.; McErvale, G.
		<b>2021101308</b>	Henan Zhongyu Dingli Intelligent Equipment Co., LTD
		<b>2021101309</b>	Shashidhar, K.; Madupu, A.; Gopinath, R.; Sura, M.R.;
		<b>2021101310</b>	Qaseem, M.S.; Rehana, F.; Chouhan, A.S.; Basheer,

Innovation Patent Applications Filed - Numerical Index cont'd

	Q.M.A.; Begum, S.F.; Masood, W.; Sultana, F.; P, S.; Bari, M.A.; C, C.N.	<b>2021101331</b>	Jiangsu Southeast Plant Protection Co., Ltd.; Lin, T.
<b>2021101317</b>	Nepal, C.; Mainali, B.P.	<b>2021101332</b>	Fujian Chuanzheng Communications College; Fujian Intelligent Maintenance Engineering Co., Ltd
<b>2021101318</b>	Singh, M.; Nijhawan, P.; Ganguli, S.; Karelia, N.; Amir, M.	<b>2021101333</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2021101319</b>	Manikandan, E.; Arul, K.T.; Venugopal, K.	<b>2021101334</b>	Fraser, M.A.
<b>2021101320</b>	Y, K.; NAGARAJU, M.; RAJARAO, M.; SOMAYAJULU, M.; KOTESWARAMMA, A.; POOJARANI, C.	<b>2021101335</b>	Heilongjiang Bayi Agricultural University
<b>2021101321</b>	SATHEESHA, T.Y.; Satish, P.; M D, S.; H V, R.	<b>2021101336</b>	Shandong University
<b>2021101322</b>	Mummadi, U.K.; V, K.; Damera, V.K.; Reddy P., S.; Mamidiseti, G.; Pabboju, S.S.; Rapaka, A.; Babu, C.S.; Shanmugarathinam, G.	<b>2021101337</b>	Bookleaf Pty Ltd
<b>2021101323</b>	AIBUILD PTY LTD	<b>2021101338</b>	AUSTRALIAN INSTITUTE FOR CANCER MEDICINE INNOVATION PTY LTD
<b>2021101324</b>	Ghahraei, A.	<b>2021101340</b>	Jain, P.; Tiwari, A.K.; Som, T.
<b>2021101325</b>	F, F.; B., L.; Thankam, T.; Jain, R.; Shukla, A.; Shukla, S.; M. K., J.K.; M, M.; T., S.; J., S.	<b>2021101341</b>	Vatambeti, R.; Sanshi, S.; Krishna, E.S.P.; Kumar R., S.; Kocherla, R.; Mekala, M.S.; Krishna D., P.; Gopalachary, M.V.; Ganesh, D.
<b>2021101326</b>	Sathiyaraj, R.; Ranjan Jena, S.; Kumar Rana, B.; Srivastava, S.K.; Parameswaran, T.; Kumar, S.; Dhana-raj, R.K.; Balusamy, B.	<b>2021101342</b>	University of Agricultural Sciences
<b>2021101327</b>	Nankai University	<b>2021101343</b>	Singh, S.; Kumar, C.; Singh, V.K.
<b>2021101328</b>	Nankai University	<b>2021101344</b>	SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)
<b>2021101329</b>	Shanghai Ocean University	<b>2021101345</b>	Beijing Institute of Technology
<b>2021101330</b>	Xinjiang Kok Dala Agricultural Science and Technology Co.,Ltd	<b>2021101346</b>	Heilongjiang Bayi Agricultural University
		<b>2021101347</b>	BaYin GuoLeng Vocational and Technical College
		<b>2021101348</b>	Dalian University of Technology



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

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

The codes next to each number have the following meanings:

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

**2001**

2001023863 ( 14 )	2001024885 ( 14 )	2001024892 ( 14 )
2001024905 ( 14 )	2001024922 ( 14 )	2001026415 ( 14 )
2001026431 ( 14 )	2001026433 ( 14 )	2001026435 ( 14 )
2001026439 ( 14 )	2001026447 ( 14 )	2001035862 ( 14 )
2001036077 ( 14 )	2001037608 ( 14 )	2001037617 ( 14 )
2001039461 ( 14 )	2001040984 ( 14 )	2001041004 ( 14 )
2001041058 ( 14 )	2001045445 ( 14 )	2001051710 ( 14 )
2001051711 ( 14 )	2001056196 ( 14 )	2001065473 ( 14 )
2001065490 ( 14 )	2001065491 ( 14 )	2001236073 ( 14 )
2001237138 ( 14 )	2001237142 ( 14 )	2001237143 ( 14 )
2001239029 ( 14 )	2001239463 ( 14 )	2001240074 ( 14 )
2001240108 ( 14 )	2001240753 ( 14 )	2001241973 ( 14 )
2001241977 ( 14 )	2001242129 ( 14 )	2001243416 ( 14 )
2001243431 ( 14 )	2001243452 ( 14 )	2001243492 ( 14 )
2001243505 ( 14 )	2001243512 ( 14 )	2001244886 ( 14 )
2001245424 ( 14 )	2001245430 ( 14 )	2001245432 ( 14 )
2001245497 ( 14 )	2001245508 ( 14 )	2001245516 ( 14 )
2001245522 ( 14 )	2001247262 ( 14 )	2001249106 ( 14 )
2001249111 ( 14 )	2001250024 ( 14 )	2001250030 ( 14 )

2001250031 ( 14 )	2001250809 ( 14 )	2001250814 ( 14 )
2001250818 ( 14 )	2001279981 ( 14 )	2001280189 ( 14 )
2001280212 ( 14 )	2001282129 ( 14 )	2001282344 ( 14 )
2001282543 ( 14 )	2001282561 ( 14 )	2001282725 ( 14 )
2001282778 ( 14 )	2001283713 ( 14 )	2001284030 ( 14 )
2001284044 ( 14 )	2001284175 ( 14 )	2001284209 ( 14 )
2001284231 ( 14 )	2001285134 ( 14 )	2001285198 ( 14 )
2001285341 ( 14 )	2001286764 ( 14 )	2001288441 ( 14 )
2001289839 ( 14 )	2001290607 ( 14 )	

**2002**

2002212156 ( 14 )	2002300420 ( 14 )	2002300701 ( 14 )
2002300709 ( 14 )	2002300769 ( 14 )	2002300840 ( 14 )
2002313824 ( 14 )	2002321596 ( 14 )	2002325077 ( 14 )
2002326716 ( 14 )	2002326799 ( 14 )	2002329890 ( 14 )
2002330796 ( 14 )	2002331634 ( 14 )	2002331720 ( 14 )
2002332678 ( 14 )	2002332720 ( 14 )	2002335678 ( 14 )
2002348988 ( 14 )	2002356154 ( 14 )	

**2003**

2003213312 ( 14 )	2003213315 ( 14 )	2003213317 ( 14 )
2003213318 ( 14 )	2003236394 ( 14 )	2003236427 ( 14 )
2003236449 ( 14 )	2003241642 ( 14 )	2003243990 ( 14 )
2003244195 ( 14 )	2003250614 ( 14 )	2003257596 ( 14 )
2003257597 ( 14 )	2003257670 ( 14 )	2003258909 ( 14 )
2003260055 ( 14 )	2003260132 ( 14 )	2003262874 ( 14 )
2003262884 ( 14 )	2003262957 ( 14 )	2003265690 ( 14 )
2003267874 ( 14 )	2003268197 ( 14 )	2003268249 ( 14 )
2003268335 ( 14 )	2003269103 ( 14 )	2003270052 ( 14 )
2003272233 ( 14 )	2003278716 ( 14 )	2003278735 ( 14 )

**2004**

2004201648 ( 14 )	2004205125 ( 14 )	2004205153 ( 14 )
2004205169 ( 14 )	2004205266 ( 14 )	2004205318 ( 14 )
2004205320 ( 14 )	2004224973 ( 14 )	2004266043 ( 14 )
2004266737 ( 14 )	2004266741 ( 14 )	2004267098 ( 14 )
2004267294 ( 14 )	2004269387 ( 14 )	2004269429 ( 14 )
2004269889 ( 14 )	2004269892 ( 14 )	2004270650 ( 14 )
2004270651 ( 14 )	2004275550 ( 14 )	2004276227 ( 14 )
2004279008 ( 14 )	2004280933 ( 14 )	2004287355 ( 14 )
2004287782 ( 14 )	2004290876 ( 14 )	2004302422 ( 14 )

**2005**

2005202257 ( 14 )	2005202372 ( 14 )	2005202374 ( 14 )
2005203484 ( 14 )	2005203764 ( 14 )	2005203788 ( 14 )
2005205738 ( 14 )	2005205743 ( 14 )	2005237144 ( 14 )
2005244523 ( 14 )	2005275577 ( 14 )	2005276075 ( 14 )
2005276194 ( 14 )	2005276210 ( 14 )	2005276283 ( 14 )
2005276790 ( 14 )	2005277154 ( 14 )	2005277156 ( 14 )
2005279031 ( 14 )	2005279606 ( 14 )	2005279699 ( 14 )
2005279882 ( 14 )	2005280106 ( 14 )	2005280162 ( 14 )
2005280163 ( 14 )	2005281468 ( 14 )	2005281650 ( 14 )
2005281991 ( 14 )	2005282751 ( 14 )	2005282855 ( 14 )
2005282945 ( 14 )	2005287305 ( 14 )	2005331259 ( 14 )
2005335905 ( 14 )	2005336100 ( 14 )	

**2006**

2006200626 ( 14 )	2006201456 ( 14 )	2006203612 ( 14 )
2006203642 ( 14 )	2006203646 ( 14 )	2006203659 ( 14 )
2006203682 ( 14 )	2006203701 ( 14 )	2006203720 ( 14 )
2006203721 ( 14 )	2006203723 ( 14 )	2006203745 ( 14 )
2006203785 ( 14 )	2006204638 ( 14 )	2006204645 ( 14 )
2006216068 ( 14 )	2006228066 ( 14 )	2006280501 ( 14 )
2006282973 ( 14 )	2006282979 ( 14 )	2006283177 ( 14 )
2006284096 ( 14 )	2006284906 ( 14 )	2006284990 ( 14 )
2006285181 ( 14 )	2006285507 ( 14 )	2006285858 ( 14 )
2006286563 ( 14 )	2006286569 ( 14 )	2006287119 ( 14 )
2006289405 ( 14 )	2006291255 ( 14 )	2006291316 ( 14 )
2006291320 ( 14 )	2006295278 ( 14 )	2006301389 ( 14 )
2006338598 ( 14 )	2006347789 ( 14 )	

**2007**

2007200208 ( 14 )	2007200575 ( 14 )	2007211927 ( 14 )
-------------------	-------------------	-------------------

2007211953 ( 14 )	2007211959 ( 14 )	2007214029 ( 14 )	2011296098 ( 14 )	2011296277 ( 14 )	2011296295 ( 14 )
2007214276 ( 14 )	2007214349 ( 14 )	2007286586 ( 14 )	2011296361 ( 14 )	2011296634 ( 14 )	2011296686 ( 14 )
2007286605 ( 14 )	2007286606 ( 14 )	2007287070 ( 14 )	2011297892 ( 14 )	2011297901 ( 14 )	2011297943 ( 14 )
2007288136 ( 14 )	2007289066 ( 14 )	2007289235 ( 14 )	2011297946 ( 14 )	2011297954 ( 14 )	2011297994 ( 14 )
2007289367 ( 14 )	2007289692 ( 14 )	2007289865 ( 14 )	2011298219 ( 14 )	2011298340 ( 14 )	2011298719 ( 14 )
2007290417 ( 14 )	2007290544 ( 14 )	2007291888 ( 14 )	2011298883 ( 14 )	2011299401 ( 14 )	2011300475 ( 14 )
2007291924 ( 14 )	2007292454 ( 14 )	2007292492 ( 14 )	2011302471 ( 14 )	2011302472 ( 14 )	2011306115 ( 14 )
2007293404 ( 14 )	2007293922 ( 14 )	2007295891 ( 14 )	2011306573 ( 14 )	2011375935 ( 14 )	2011376198 ( 14 )
2007297059 ( 14 )	2007297821 ( 14 )	2007300681 ( 14 )			
2007301819 ( 14 )	2007348907 ( 14 )				

**2008**

2008201665 ( 14 )	2008202329 ( 14 )	2008207432 ( 14 )
2008207434 ( 14 )	2008207543 ( 14 )	2008207573 ( 14 )
2008207578 ( 14 )	2008274913 ( 14 )	2008288601 ( 14 )
2008288701 ( 14 )	2008288702 ( 14 )	2008288703 ( 14 )
2008288796 ( 14 )	2008291309 ( 14 )	2008291678 ( 14 )
2008291688 ( 14 )	2008291733 ( 14 )	2008291979 ( 14 )
2008292169 ( 14 )	2008292178 ( 14 )	2008292607 ( 14 )
2008292913 ( 14 )	2008292920 ( 14 )	2008293497 ( 14 )
2008295385 ( 14 )	2008295493 ( 14 )	2008295540 ( 14 )
2008296478 ( 14 )	2008297001 ( 14 )	2008297476 ( 14 )
2008303007 ( 14 )	2008310104 ( 14 )	2008345969 ( 14 )
2008359307 ( 14 )	2008361018 ( 14 )	2008361023 ( 14 )
2008361245 ( 14 )		

**2009**

2009200013 ( 14 )	2009202842 ( 14 )	2009210410 ( 14 )
2009210421 ( 14 )	2009212769 ( 14 )	2009212773 ( 14 )
2009212796 ( 14 )	2009212798 ( 14 )	2009212892 ( 14 )
2009284700 ( 14 )	2009284892 ( 14 )	2009285645 ( 14 )
2009285787 ( 14 )	2009285861 ( 14 )	2009286182 ( 14 )
2009286197 ( 14 )	2009286218 ( 14 )	2009286319 ( 14 )
2009286326 ( 14 )	2009286388 ( 14 )	2009287420 ( 14 )
2009287421 ( 14 )	2009288203 ( 14 )	2009288353 ( 14 )
2009288399 ( 14 )	2009288957 ( 14 )	2009289300 ( 14 )
2009289322 ( 14 )	2009291077 ( 14 )	2009302998 ( 14 )
2009304186 ( 14 )	2009307538 ( 14 )	2009310757 ( 14 )
2009338956 ( 14 )	2009344839 ( 14 )	2009347513 ( 14 )
2009347886 ( 14 )	2009351922 ( 14 )	

**2010**

2010200416 ( 14 )	2010200838 ( 14 )	2010201717 ( 14 )
2010202256 ( 14 )	2010203081 ( 14 )	2010212381 ( 14 )
2010212454 ( 14 )	2010214652 ( 14 )	2010214665 ( 14 )
2010214726 ( 14 )	2010214728 ( 14 )	2010214734 ( 14 )
2010284736 ( 14 )	2010286334 ( 14 )	2010286482 ( 14 )
2010286511 ( 14 )	2010286524 ( 14 )	2010286526 ( 14 )
2010286535 ( 14 )	2010286587 ( 14 )	2010287061 ( 14 )
2010287106 ( 14 )	2010287169 ( 14 )	2010287220 ( 14 )
2010288355 ( 14 )	2010289460 ( 14 )	2010289600 ( 14 )
2010289610 ( 14 )	2010289638 ( 14 )	2010290255 ( 14 )
2010290258 ( 14 )	2010290977 ( 14 )	2010291006 ( 14 )
2010291017 ( 14 )	2010291295 ( 14 )	2010292485 ( 14 )
2010292490 ( 14 )	2010292604 ( 14 )	2010295869 ( 14 )
2010295883 ( 14 )	2010295887 ( 14 )	2010295902 ( 14 )
2010301924 ( 14 )	2010303836 ( 14 )	2010308519 ( 14 )
2010308520 ( 14 )	2010324338 ( 14 )	2010359874 ( 14 )
2010359884 ( 14 )		

**2011**

2011200246 ( 14 )	2011200264 ( 14 )	2011202158 ( 14 )
2011203226 ( 14 )	2011203524 ( 14 )	2011213859 ( 14 )
2011218631 ( 14 )	2011218668 ( 14 )	2011224107 ( 14 )
2011247866 ( 14 )	2011253586 ( 14 )	2011265591 ( 14 )
2011293133 ( 14 )	2011293162 ( 14 )	2011293272 ( 14 )
2011293389 ( 14 )	2011293390 ( 14 )	2011293539 ( 14 )
2011293948 ( 14 )	2011294003 ( 14 )	2011294043 ( 14 )
2011294663 ( 14 )	2011294798 ( 14 )	2011294902 ( 14 )
2011295408 ( 14 )	2011295818 ( 14 )	2011295854 ( 14 )
2011295909 ( 14 )	2011295936 ( 14 )	2011295993 ( 14 )
2011296015 ( 14 )	2011296044 ( 14 )	2011296048 ( 14 )

**2012**

2012200093 ( 14 )	2012200887 ( 14 )	2012201704 ( 14 )
2012201744 ( 14 )	2012202136 ( 14 )	2012202346 ( 14 )
2012202786 ( 14 )	2012216321 ( 14 )	2012216336 ( 14 )
2012216478 ( 14 )	2012216485 ( 14 )	2012216535 ( 14 )
2012216562 ( 14 )	2012261787 ( 14 )	2012298156 ( 14 )
2012298197 ( 14 )	2012298519 ( 14 )	2012298621 ( 14 )
2012298735 ( 14 )	2012298777 ( 14 )	2012298793 ( 14 )
2012298908 ( 14 )	2012300262 ( 14 )	2012300274 ( 14 )
2012300280 ( 14 )	2012300451 ( 14 )	2012300475 ( 14 )
2012300658 ( 14 )	2012300676 ( 14 )	2012300830 ( 14 )
2012300836 ( 14 )	2012300841 ( 14 )	2012300842 ( 14 )
2012300904 ( 14 )	2012300944 ( 14 )	2012301062 ( 14 )
2012301083 ( 14 )	2012301349 ( 14 )	2012301350 ( 14 )
2012301782 ( 14 )	2012301784 ( 14 )	2012301834 ( 14 )
2012301900 ( 14 )	2012301903 ( 14 )	2012301925 ( 14 )
2012301994 ( 14 )	2012302039 ( 14 )	2012302297 ( 14 )
2012302451 ( 14 )	2012302596 ( 14 )	2012302835 ( 14 )
2012303090 ( 14 )	2012303887 ( 14 )	2012304184 ( 14 )
2012304198 ( 14 )	2012304266 ( 14 )	2012304758 ( 14 )
2012304880 ( 14 )	2012306521 ( 14 )	2012306571 ( 14 )
2012306572 ( 14 )	2012306573 ( 14 )	2012306862 ( 14 )
2012307124 ( 14 )	2012309005 ( 14 )	2012309073 ( 14 )
2012312851 ( 14 )	2012312857 ( 14 )	2012312858 ( 14 )
2012312973 ( 14 )	2012319037 ( 14 )	2012319821 ( 14 )
2012321964 ( 14 )	2012334378 ( 14 )	2012346827 ( 14 )
2012374785 ( 14 )	2012376532 ( 14 )	2012388037 ( 14 )
2012388240 ( 14 )	2012388254 ( 14 )	2012388445 ( 14 )
2012388777 ( 14 )	2012388793 ( 14 )	2012388975 ( 14 )

**2013**

2013100248 ( 22 )	2013100255 ( 22 )	2013100271 ( 22 )
2013100281 ( 22 )	2013100309 ( 22 )	2013100310 ( 22 )
2013101148 ( 22G )	2013201087 ( 14 )	2013202746 ( 14 )
2013204365 ( 14 )	2013204379 ( 14 )	2013206308 ( 14 )
2013206309 ( 14 )	2013206310 ( 14 )	2013219182 ( 14 )
2013221963 ( 14 )	2013221964 ( 14 )	2013222006 ( 14 )
2013224663 ( 14 )	2013304972 ( 14 )	2013304980 ( 14 )
2013305002 ( 14 )	2013305435 ( 14 )	2013305512 ( 14 )
2013305535 ( 14 )	2013305579 ( 14 )	2013305852 ( 14 )
2013305993 ( 14 )	2013306016 ( 14 )	2013306486 ( 14 )
2013306539 ( 14 )	2013306546 ( 14 )	2013306549 ( 14 )
2013306550 ( 14 )	2013307376 ( 14 )	2013308113 ( 14 )
2013308480 ( 14 )	2013308554 ( 14 )	2013308632 ( 14 )
2013308640 ( 14 )	2013308646 ( 14 )	2013308655 ( 14 )
2013308670 ( 4D )	2013308678 ( 14 )	2013308699 ( 14 )
2013308711 ( 14 )	2013308884 ( 14 )	2013308885 ( 14 )
2013308886 ( 14 )	2013308902 ( 14 )	2013308906 ( 14 )
2013308910 ( 14 )	2013308978 ( 14 )	2013308991 ( 14 )
2013309045 ( 14 )	2013309072 ( 14 )	2013309160 ( 14 )
2013309247 ( 14 )	2013309655 ( 14 )	2013309676 ( 14 )
2013311072 ( 14 )	2013311288 ( 14 )	2013311289 ( 14 )
2013313054 ( 14 )	2013313203 ( 14 )	2013319737 ( 14 )
2013325193 ( 14 )	2013325194 ( 14 )	2013327204 ( 14 )
2013332336 ( 14 )	20133353472 ( 14 )	2013359867 ( 14 )
2013368461 ( 14 )	2013379045 ( 14 )	2013381285 ( 14 )
2013383810 ( 14 )	2013385802 ( 14 )	2013396182 ( 14 )
2013398334 ( 14 )	2013398344 ( 14 )	2013398381 ( 14 )
2013399052 ( 14 )	2013399053 ( 14 )	2013399054 ( 14 )
2013399056 ( 14 )	2013399114 ( 14 )	2013399120 ( 14 )
2013399137 ( 14 )	2013399143 ( 14 )	2013399160 ( 14 )
2013399166 ( 14 )	2013399193 ( 14 )	

**2014**

2014100346 (22G) 2014100959 (22G) 2014100960 (22G)  
 2014101130 (22) 2014200879 (14) 2014215956 (14)  
 2014215986 (14) 2014215988 (14) 2014216021 (14)  
 2014218352 (14) 2014218368 (14) 2014218384 (14)  
 2014218387 (14) 2014259539 (5C) 2014262181 (5C)  
 2014268193 (14) 2014308574 (14) 2014308659 (14)  
 2014308672 (5C) 2014308735 (14) 2014308866 (14)  
 2014308900 (5C) 2014309817 (5C) 2014311221 (14)  
 2014311558 (14) 2014311826 (14) 2014312079 (14)  
 2014312130 (14) 2014312164 (14) 2014312166 (14)  
 2014312222 (14) 2014312223 (14) 2014312360 (14)  
 2014312968 (14) 2014313817 (14) 2014313827 (14)  
 2014313946 (14) 2014314116 (14) 2014314129 (14)  
 2014314153 (14) 2014314154 (14) 2014314265 (14)  
 2014314763 (14) 2014314778 (14) 2014315426 (14)  
 2014320060 (14) 2014320608 (14) 2014325645 (14)  
 2014328604 (14) 2014342957 (14) 2014393433 (14)  
 2014396852 (14) 2014403804 (14) 2014403813 (5C)  
 2014403844 (14) 2014403851 (4C) 2014404357 (4C)  
 2014404361 (4C) 2014404403 (14) 2014404426 (14)  
 2014404463 (4D) 2014404642 (14) 2014404677 (4C)

**2015**

2015100804 (22) 2015101084 (22) 2015101153 (22E)  
 2015101157 (22E) 2015101185 (22E) 2015101207 (22E)  
 2015101209 (22E) 2015101658 (22E) 2015201450 (14)  
 2015202887 (5C) 2015202916 (14) 2015203150 (5C)  
 2015203195 (14) 2015203198 (14) 2015203200 (14)  
 2015203212 (14) 2015203215 (14) 2015203558 (14)  
 2015203883 (5C) 2015207845 (14) 2015210430 (14)  
 2015211376 (5C) 2015215969 (4C) 2015215971 (14)  
 2015215977 (4C) 2015218481 (4C) 2015218493 (4C)  
 2015245523 (5C) 2015246151 (14) 2015271901 (14)  
 2015279834 (5C) 2015284126 (5C) 2015287964 (5C)  
 2015289676 (5C) 2015299454 (5C) 2015299531 (5C)  
 2015304112 (14) 2015304847 (14) 2015305199 (4C)  
 2015305404 (14) 2015305409 (4C) 2015305488 (4C)  
 2015306008 (4C) 2015306046 (4C) 2015306602 (4C)  
 2015306640 (4C) 2015306834 (4C) 2015306942 (5C)  
 2015307326 (4C) 2015307338 (4C) 2015308127 (14)  
 2015308264 (4C) 2015308480 (14) 2015308654 (14)  
 2015308761 (4C) 2015308776 (4C) 2015308951 (14)  
 2015309636 (14) 2015309648 (4C) 2015309649 (4C)  
 2015310160 (4C) 2015310727 (14) 2015311577 (14)  
 2015312100 (14) 2015312152 (4C) 2015312153 (4C)  
 2015312155 (4C) 2015312182 (4C) 2015312329 (5C)  
 2015312602 (14) 2015313044 (4C) 2015314079 (4C)  
 2015315573 (4C) 2015315577 (14) 2015315637 (14)  
 2015315671 (4C) 2015315695 (14) 2015315865 (14)  
 2015318798 (5C) 2015347259 (5C) 2015348025 (4C)  
 2015370506 (5C) 2015379580 (5C) 2015381803 (4C)  
 2015383230 (4C) 2015385903 (5C) 2015406140 (5C)  
 2015406900 (4C) 2015406923 (4C) 2015408176 (4C)  
 2015408204 (4C)

**2016**

2016100429 (22) 2016101513 (22E) 2016101534 (22E)  
 2016200492 (14) 2016200860 (14) 2016201450 (14)  
 2016201811 (1B) 2016201830 (14) 2016201831 (14)  
 2016201909 (1B) 2016203313 (1B) 2016203576 (14)  
 2016204279 (14) 2016219542 (14) 2016219546 (4A)  
 2016219579 (4B) 2016219580 (4B) 2016219586 (4B)  
 2016219687 (4C) 2016219737 (14) 2016222307 (4B)  
 2016222314 (4A) 2016222316 (4C) 2016222392 (4B)  
 2016222409 (14) 2016222427 (4B) 2016222831 (25D)  
 2016231634 (14) 2016233996 (5C) 2016235325 (5C)  
 2016271322 (5C) 2016271878 (5C) 2016272531 (5C)  
 2016273411 (5C) 2016275565 (5C) 2016282742 (5C)  
 2016310559 (4C) 2016310560 (4C) 2016311232 (4C)  
 2016311240 (14) 2016311392 (14) 2016311485 (4C)

2016311975 (4C) 2016312517 (4C) 2016312530 (4C)  
 2016312597 (14) 2016312628 (14) 2016312964 (4C)  
 2016313118 (4C) 2016313138 (4C) 2016313399 (4C)  
 2016313679 (4C) 2016314022 (4C) 2016314129 (4C)  
 2016314965 (14) 2016314974 (4C) 2016315703 (4C)  
 2016315762 (14) 2016315807 (4C) 2016315829 (4C)  
 2016316032 (4C) 2016316774 (5C) 2016316961 (14)  
 2016317032 (4C) 2016317040 (4C) 2016317051 (14)  
 2016317561 (4C) 2016317848 (4C) 2016317854 (4C)  
 2016317927 (14) 2016318428 (4C) 2016318429 (4C)  
 2016318430 (4C) 2016318431 (4C) 2016318561 (14)  
 2016320715 (14) 2016320717 (14) 2016320718 (14)  
 2016321800 (5C) 2016321921 (4B) 2016321998 (14)  
 2016321999 (14) 2016323812 (4B) 2016328920 (14)  
 2016330274 (5C) 2016331871 (4B) 2016331879 (4B)  
 2016331881 (14) 2016337084 (14) 2016340040 (5C)  
 2016343687 (5C) 2016343980 (5C) 2016356568 (4C)  
 2016370686 (4B) 2016386964 (4B) 2016393847 (14)  
 2016398422 (1B) 2016398632 (1B) 2016400019 (1B)  
 2016406129 (1B) 2016416373 (1B) 2016420618 (4A)  
 2016420627 (4C) 2016420630 (4C) 2016421117 (14)  
 2016421889 (4B)

**2017**

2017101136 (22E) 2017101144 (22E) 2017101163 (22E)  
 2017101173 (22E) 2017101196 (22E) 2017200590 (14)  
 2017200892 (14) 2017201264 (1B) 2017201817 (1B)  
 2017201835 (1B) 2017201925 (14) 2017201933 (1B)  
 2017201954 (1B) 2017201956 (1B) 2017202020 (1B)  
 2017202032 (1B) 2017203138 (14) 2017203177 (14)  
 2017203178 (14) 2017203180 (14) 2017203741 (5C)  
 2017204218 (1B) 2017204549 (14) 2017208214 (1B)  
 2017210869 (12C) 2017216536 (14) 2017219167 (14)  
 2017236418 (1B) 2017236431 (1B) 2017236489 (1B)  
 2017236659 (1B) 2017236985 (1B) 2017238106 (1B)  
 2017238223 (1B) 2017238309 (1B) 2017238392 (1B)  
 2017238481 (1B) 2017238640 (1B) 2017238743 (1B)  
 2017238769 (1B) 2017239176 (1B) 2017239499 (14)  
 2017239645 (1B) 2017239679 (1B) 2017239932 (1B)  
 2017240164 (1B) 2017240584 (12C) 2017240680 (1B)  
 2017240820 (1B) 2017241355 (1B) 2017241359 (1B)  
 2017241520 (1B) 2017241590 (1B) 2017241669 (1B)  
 2017242135 (1B) 2017242161 (1B) 2017242269 (1B)  
 2017242340 (1B) 2017242776 (1B) 2017243197 (1B)  
 2017243198 (1B) 2017243288 (1B) 2017243323 (1B)  
 2017243867 (1B) 2017243885 (1B) 2017243956 (1B)  
 2017244043 (1B) 2017244046 (1B) 2017244269 (1B)  
 2017244280 (1B) 2017244763 (1B) 2017244982 (1B)  
 2017244984 (1B) 2017245115 (1B) 2017245246 (1B)  
 2017251803 (14) 2017258845 (14) 2017258979 (14)  
 2017261553 (1B) 2017261555 (1B) 2017265048 (14)  
 2017265781 (1B) 2017266840 (1B) 2017267342 (1B)  
 2017268033 (1B) 2017276164 (1B) 2017276311 (5C)  
 2017279629 (1B) 2017281126 (1B) 2017297408 (5C)  
 2017298263 (1B) 2017299460 (1B) 2017299584 (1B)  
 2017300122 (1B) 2017300403 (1B) 2017300652 (1B)  
 2017300843 (1B) 2017301107 (1B) 2017301429 (1B)  
 2017301739 (1B) 2017301740 (1B) 2017301741 (1B)  
 2017301811 (1B) 2017302049 (1B) 2017302320 (1B)  
 2017304599 (1B) 2017304755 (1B) 2017316336 (5C)  
 2017324176 (5C) 2017340975 (5C) 2017341750 (5C)  
 2017365149 (1B) 2017367926 (1B) 2017369833 (5C)  
 2017369858 (1B) 2017370742 (1B) 2017371471 (5C)  
 2017374765 (1B) 2017374924 (1B) 2017375006 (1B)  
 2017375065 (1B) 2017376621 (1B) 2017376835 (1B)  
 2017376988 (1B) 2017377796 (1B) 2017378068 (1B)  
 2017378166 (1B) 2017378207 (1B) 2017378251 (1B)  
 2017379798 (1B) 2017379823 (1B) 2017380604 (1B)  
 2017386695 (25D) 2017387585 (5C) 2017404747 (1B)  
 2017433873 (5C)

**2018**

2018101204 ( 22E ) 2018101208 ( 22E ) 2018101210 ( 22E )  
 2018101211 ( 22E ) 2018101217 ( 22E ) 2018101224 ( 22E )  
 2018101231 ( 22E ) 2018101232 ( 22E ) 2018101233 ( 22E )  
 2018101236 ( 22E ) 2018101239 ( 22E ) 2018101248 ( 22E )  
 2018101249 ( 22E ) 2018101250 ( 22E ) 2018101251 ( 22E )  
 2018101252 ( 22E ) 2018101255 ( 22E ) 2018101256 ( 22E )  
 2018101257 ( 22E ) 2018101258 ( 22E ) 2018101259 ( 22E )  
 2018101261 ( 22E ) 2018101273 ( 22E ) 2018101516 ( 22E )  
 2018102072 ( 22E ) 2018102129 ( 22E ) 2018200990 ( 16C )  
 2018201045 ( 1B ) 2018201582 ( 1B ) 2018201738 ( 1B )  
 2018202087 ( 1B ) 2018204015 ( 14 ) 2018209932 ( 5C )  
 2018214541 ( 5C ) 2018221270 ( 1B ) 2018226651 ( 1B )  
 2018226819 ( 1B ) 2018232902 ( 5C ) 2018243733 ( 1B )  
 2018253069 ( 5C ) 2018253550 ( 5C ) 2018254206 ( 5C )  
 2018260870 ( 5C ) 2018260879 ( 5C ) 2018268163 ( 5C )  
 2018278191 ( 5C ) 2018278923 ( 5C ) 2018278933 ( 4C )  
 2018279001 ( 4D ) 2018279016 ( 5C ) 2018279018 ( 5C )  
 2018282185 ( 5C ) 2018282246 ( 5C ) 2018282322 ( 5C )  
 2018282359 ( 5C ) 2018285447 ( 5C ) 2018285953 ( 1B )  
 2018287787 ( 1B ) 2018288665 ( 1B ) 2018294557 ( 5C )  
 2018298511 ( 5C ) 2018309566 ( 5C ) 2018329060 ( 25D )  
 2018338598 ( 5C ) 2018393123 ( 5C )

**2019**

2019100160 ( 22E ) 2019100702 ( 21F ) 2019100822 ( 21F )  
 2019100830 ( 21F ) 2019101086 ( 22E ) 2019200411 ( 5C )  
 2019200436 ( 4C ) 2019200510 ( 5C ) 2019200660 ( 5C )  
 2019200677 ( 4C ) 2019200709 ( 5C ) 2019201142 ( 5C )  
 2019201143 ( 1B ) 2019201221 ( 5C ) 2019201302 ( 5C )  
 2019201324 ( 4C ) 2019201388 ( 5C ) 2019201402 ( 5C )  
 2019201752 ( 5C ) 2019201869 ( 4C ) 2019202205 ( 5C )  
 2019202354 ( 4C ) 2019202497 ( 14 ) 2019202607 ( 5C )  
 2019202723 ( 5C ) 2019202905 ( 5C ) 2019202940 ( 4C )  
 2019203223 ( 5C ) 2019203255 ( 5C ) 2019203345 ( 5C )  
 2019203739 ( 5C ) 2019203989 ( 5C ) 2019204218 ( 5C )  
 2019204341 ( 5C ) 2019204366 ( 4C ) 2019204681 ( 5C )  
 2019213386 ( 4C ) 2019213426 ( 4C ) 2019226262 ( 12A )  
 2019268157 ( 4C ) 2019280103 ( 5C ) 2019283853 ( 25D )

**2020**

2020100176 ( 21F ) 2020200621 ( 5C ) 2020202008 ( 16C )  
 2020202046 ( 4C ) 2020289800 ( 12B ) 2020901070 ( 12AN )  
 2020901137 ( 12AN ) 2020901140 ( 12AN )

**Assignments before Grant, Section 113**

**2015**

2015353587 Precision Planting LLC The application has been assigned to **The Climate Corporation**

2015401551 Moneris Solutions Corporation The application has been assigned to **Spendscape Inc.**

**2016**

2016211517 Pioneer Hi-Bred International, Inc. The application has been assigned to **Caribou Biosciences, Inc.**

2016354661 Mavalon Therapeutics Limited The application has been assigned to **Domain Therapeutics**

2016381372 Next Generation Labs, LLC The application has been assigned to **KAIVAL LABS, INC.**

**2017**

2017240682 JPMorgan Chase Bank, N.A. The application has been assigned to **CONSENSYS SOFTWARE INC.**

**Assignments before Grant, Section 113**

2017257421 Integra LifeSciences NR Ireland Limited The application has been assigned to **Integra LifeSciences Enterprises, LLP**

2017271255 Integra LifeSciences NR Ireland Limited The application has been assigned to **Integra LifeSciences Enterprises, LLP**

2017291923 Shanta III, Charles Robert; Alcoa Usa Corp. The application has been assigned to **Alcoa USA Corp.**

2017300185 Jiangsu Nhwa Pharmaceutical Co., Ltd.; Mapi Pharma Ltd. The application has been assigned to **Mapi Pharma Ltd.**

2017300784 Eikon Corporation The application has been assigned to **Viken Detection Corporation**

2017313255 CDEnviro Limited The application has been assigned to **CDE Global Limited**

2017328988 Integra LifeSciences NR Ireland Limited The application has been assigned to **Integra LifeSciences Enterprises, LLP**

2017353701 Quick Fitting, Inc. The application has been assigned to **Quick Fitting Holding Company, LLC**

2017362062 Integra LifeSciences NR Ireland Limited The application has been assigned to **Integra LifeSciences Enterprises, LLP**

2017368331 Acerta Pharma, LLC; Juno Therapeutics, Inc.; Acerta Pharma B.V. The application has been assigned to **Juno Therapeutics, Inc.; Acerta Pharma B.V.**

2017387033 Selenity Therapeutics (Bermuda), Ltd. The application has been assigned to **PhaseBio Pharmaceuticals, Inc.**

**2018**

2018205470 Bensussen Deutsch & Associates, LLC The application has been assigned to **ACCO Brands Corporation**

2018220079 Pixobot, Inc. The application has been assigned to **In-tervet International BV**

2018226566 Treos Bio ZRT The application has been assigned to **Treos Bio Limited**

2018228785 Treos Bio Zrt. The application has been assigned to **Treos Bio Limited**

2018228786 Treos Bio ZRT The application has been assigned to **Treos Bio Limited**

2018244293 CloudJumper Corporation The application has been assigned to **NetApp, Inc.**

2018251787 Coty Inc. The application has been assigned to **Wella Operations US, LLC**

2018260961 Pixobot, Inc The application has been assigned to **In-tervet International BV**

**Assignments before Grant, Section 113**

2018265615 Mavalon Therapeutics Limited The application has been assigned to **Domain Therapeutics**

2018341249 Quick Fitting, Inc. The application has been assigned to **Quick Fitting Holding Company, LLC**

2018345318 Quick Fitting, Inc. The application has been assigned to **Quick Fitting Holding Company, LLC**

2018901129 Rusoke-Dierich, Olaf The application has been assigned to **JD Sanmed Medical Technology Pty Ltd**

**2019**

2019202598 Ionis Pharmaceuticals, Inc. The application has been assigned to **Glaxo Group Limited**

2019202856 Ionis Pharmaceuticals, Inc. The application has been assigned to **Glaxo Group Limited**

2019203416 Sage (UK) Limited The application has been assigned to **Sage SAS**

2019204157 Cypod Technology AS The application has been assigned to **OOIOT Technology AB**

2019206053 Integra Lifesciences Corporation The application has been assigned to **Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte.**

2019215250 H3 Dynamics Holdings Pte. Ltd. The application has been assigned to **HES ENERGY SYSTEMS PTE. LTD.**

2019246889 General Electric Company The application has been assigned to **BAKER HUGHES HOLDINGS LLC**

2019248022 Rusoke-Dierich, Olaf The application has been assigned to **JD Sanmed Medical Technology Pty Ltd**

2019297721 Bosch Corporation The application has been assigned to **Bayer CropScience K.K.**

2019309858 Adkison, David The application has been assigned to **Howmedica Osteonics Corp.**

2019314498 ANDON, Gregory C.; Attune Agriculture LLC; AKINS, Maureen L.; QUATTLEBAUM, Edwin The application has been assigned to **Attune Agriculture LLC**

2019316562 ARNAOUT M., Amin; The General Hospital Corporation The application has been assigned to **The General Hospital Corporation**

2019325447 Burke, David; O'Leary, Robert; Hamby, Kris; Warren, Richard; Zablocky, Mike The application has been assigned to **Pride Mobility Products Corporation**

**2020**

2020202482 Roman-Miller, Lance; Anson, Mark The application has been assigned to **Anson, Mark**

**Assignments before Grant, Section 113**

2020203758 Moneris Solutions Corporation The application has been assigned to **Spendscape Inc.**

2020900713 Thomson, Scott The application has been assigned to **CoalBed Innovations Pty Limited**

2020900970 Noxopharm Limited; Hudson Institute of Medical Research The application has been assigned to **Noxopharm Limited**

2020901383 LEAU, Rymera The application has been assigned to **SEVENTHREE PROTECT PTY LTD**

2020904285 Roman-Miller, Lance; Anson, Mark The application has been assigned to **Anson, Mark**

**2021**

2021100941 De Cianni, Daniel The application has been assigned to **Pinnacle Puzzle Pty Ltd**

2021100976 Pareezer, Brett The application has been assigned to **Vehicle Accessory Specialists Pty Ltd**

2021900408 De Cianni, Daniel The application has been assigned to **Pinnacle Puzzle Pty Ltd**

2021900605 HALE, JOHN; JAIN, ROHIT; BLIS TECHNOLOGIES LIMITED; VOSS, ABIGAIL The application has been assigned to **BLIS TECHNOLOGIES LIMITED**

**Extensions of Time, Section 223**

**Applications Received**

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

**2005**

2005219983 **Mitchell, C.** An application to extend the time from 08 Mar 2020 to 08 Oct 2020 in which to pay the renewal fee has been filed . Address for service - BABYHUGS DEVELOPMENTS PTY LTD PO BOX 129 Mermaid Beach QLD 4218 AU

**2006**

2006207819 **Dryden, G.** An application to extend the time from 18 Jan 2020 to 18 Nov 2020 in which to pay the renewal fee has been filed . Address for service - Graham Dryden 22 Lynslane Road LONGWOOD EAST VIC 3666 AU

2006249204 **JNZ Global** An application to extend the time from 29 Jun 2020 to 28 Feb 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2011**

2011230602 **Simpson Strong-Tie Company, Inc.** An application to extend the time from 25 Mar 2020 to 25 Nov 2020 in which to pay the renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Extensions of Time, Section 223**

**2018**

2018100684 **GUTTER-VAC PTY LTD** An application to extend the time from 20 May 2020 to 20 Jan 2021 in which to pay the renewal fee has been filed . Address for service - GUTTER-VAC PTY LTD PO Box 108 Albion DC QLD 4010 AU

2018316256 **OHIO STATE INNOVATION FOUNDATION; YU, Jianhua; CALIGIURI, Michael; XU, Bo** An application to extend the time from 09 Mar 2020 to 09 Feb 2021 in which to enter the national phase has been filed . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2018379673 **GUILIN LAYN NATURAL INGREDIENTS CORP.** An application to extend the time from 08 Jul 2020 to 08 Dec 2020 in which to enter the national phase has been filed . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

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

**2011**

2011221365 **Light-Weight Concrete Townsville Pty Ltd** The time in which to pay a renewal fee has been extended to 07 Dec 2020 . Address for service - TJIP Patents, Trade Marks & Designs Suite 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

**2013**

2013200779 **DSM IP Assets B.V.** The time in which to respond to a re-examination report has been extended to 09 Apr 2021 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014208236 **The UAB Research Foundation** The time in which to pay a renewal fee has been extended to 15 Sep 2020 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**2015**

2015201197 **The trustee for The Sulisz Family Trust** The time in which to pay the continuation fee has been extended to 06 Oct 2020 . Address for service - Matthew Sulman & Associates 20 Broadhurst Street KELVIN GROVE QLD 4059 AU

2015275671 **Pirtskhlava, N.** The time in which to gain acceptance has been extended to 04 Jun 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015311729 **The Climate Corporation** The time in which to gain acceptance has been extended to 18 Jun 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2016**

2016210960 **Zeras S.r.l.** The time in which to gain acceptance has been extended to 25 Apr 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2016219488 **Bioconsortia, Inc.** The time in which to gain acceptance has been extended to 12 Jun 2021 . Address for service - Ribeiro IP Limited C/O Target Accounting Ltd 7 Gladstone Road South Mosgiel Otago, 9024 NZ

**Extensions of Time, Section 223**

2016297929 **BioConsortia, Inc.** The time in which to gain acceptance has been extended to 06 Jun 2021 . Address for service - Ribeiro IP Limited C/O Target Accounting Ltd 7 Gladstone Road South Mosgiel Otago, 9024 NZ

2016303209 **E. I. du Pont de Nemours and Company** The time in which to gain acceptance has been extended to 19 Mar 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2016340018 **Flex-G Pty Ltd** The time in which to gain acceptance has been extended to 26 Jun 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016340023 **Flex-G Pty Ltd** The time in which to gain acceptance has been extended to 27 Jun 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016362757 **Biopharm NZ Limited** The time in which to gain acceptance has been extended to 25 Aug 2021 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2016381637 **Waterio Ltd.** The time in which to request examination has been extended to 07 Jan 2021 . Address for service - ANDREW TAYLOR 46 Sunbeam Street Fairfield QLD 4103 AU

**2017**

2017261805 **Hulu, LLC** The time in which to gain acceptance has been extended to 03 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017381932 **Tracto-Technik GmbH & Co. Kg** The time in which to gain acceptance has been extended to 10 Jun 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017416649 **China University of Mining and Technology** The time in which to gain acceptance has been extended to 01 Jul 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2018**

2018203904 **Parthimos, G.; Daskalou, N.** The time in which to gain acceptance has been extended to 17 Jul 2021 . Address for service - George Parthimos 232 Edgars Road -- Thomastown VIC 3074 AU

2018211276 **Ainsworth Game Technology Limited** The time in which to gain acceptance has been extended to 04 Jun 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018282265 **Illinois Tool Works Inc.** The time in which to gain acceptance has been extended to 12 Jun 2021 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018290831 **Auris Health, Inc.** The time in which to gain acceptance has been extended to 14 Jul 2021 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Extensions of Time, Section 223**

**2019**

2019202521 **MOLNAR, E.** The time in which to gain acceptance has been extended to 09 Jul 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

2019203970 **XpandOrtho, Inc.** The time in which to pay the continuation fee has been extended to 15 Nov 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019219752 **Case Western Reserve University** The time in which to gain acceptance has been extended to 13 Jun 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019267033 **LG ELECTRONICS INC.** The time in which to enter the National Phase has been extended to 08 Mar 2021 . Address for service - Dentons Patent Attorneys Australasia Limited L26, PwC Tower, 188 Quay Street Auckland 1010 NZ

2019269633 **Valerio, T.** The time in which to comply with a direction under Reg 3.2B has been extended to 22 Mar 2021 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2019273774 **PIETERS, Magdalena, Henrietta, Elizabetha ("Elize")** The time in which to enter the National Phase has been extended to 24 Feb 2021 . Address for service - Elize MHE Pieters 93A Phoenix Rd Spearwood WA 6163 AU

2019283963 **CULLEN, S.** The time in which to pay the filing fee has been extended to 06 Dec 2020 . Address for service - Stewart Cullen Se 210 25 McCourt St Subiaco WA 6008 AU

2019292557 **MARIZYME BIOTECH** The time in which to enter the national phase has been extended to 28 Mar 2021 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

**Section 223(1) Allowances**

**2016**

2016275565 **Ventific Holdings Pty Ltd** Process S223(1) 27 May 2021

**2021**

2021200825 **ACE PRODUCT DESIGN PTY LTD; LDG Designs Pty Ltd** The time in which to associate with a complete application has been extended to 04 Mar 2021

**Amendments**

**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

**2003**

2003268590 Drum type washing machine **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 24

**Amendments**

Feb 2021 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

**2013**

2013359199 Delivery, engineering and optimization of systems, methods and compositions for sequence manipulation and therapeutic applications **Massachusetts Institute of Technology ; The Broad Institute, Inc. ; President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2021 . Address for service - FPA Patent Attorneys Pty Ltd 101 Collins St Melbourne VIC 3000 AU

**2016**

2016211049 Edible fungi **Marlow Foods Limited** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016232705 Compounds and methods for the enhanced degradation of targeted proteins **Arvinas, Inc. ; Yale University** The nature of the amendment is as shown in the statement(s) filed 18 Feb 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016294607 Seed delivery apparatus, systems, and methods **Precision Planting LLC** The nature of the amendment is as shown in the statement(s) filed 12 Mar 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016353057 Biocontainment/biocontrol system and methods **Reagents of the University of Minnesota** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2018**

2018203269 Methods and apparatuses for predicting risk of prostate cancer and prostate gland volume **Oy Arctic Partners AB ; Opko Diagnostics, LLC** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018328515 Method and apparatus for detecting model security and electronic device **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019320957 Managing trust points in ledger systems **Alipay (Hangzhou) Information Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made**

**2003**

2003303196 **The Scripps Research Institute** The nature of the amendment is as shown in the statement filed 11 Nov 2020

**Amendments**

**2012**

2012261777 **Frankie4 IP 1 Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Haire, Caroline Rose

**2015**

2015101931 **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statements filed 30 Aug 2020 and 22 Nov 2020

2015261858 **Digital Smile GmbH** The nature of the amendment is as shown in the statement filed 07 Nov 2020

2015404416 **Ent. Services Development Corporation LP** The nature of the amendment is as shown in the statement filed 04 Dec 2020

**2016**

2016229147 **Janssen BioPharma, Inc.** The nature of the amendment is as shown in the statement filed 04 Dec 2020

2016277740 **VYSOKE UCENI TECHNICKE V BRNE** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 24 Dec 2020

2016280663 **Spetz Holmgren, A.; Järver, P.; Sköld, A.** The nature of the amendment is: Amend the name of the inventor to read Spetz, Anna-Lena; Järver, Peter and Sköld, Annette

2016366694 **PTC Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 29 Oct 2020

**2017**

2017250003 **Crossfire Australia Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101900

2017319500 **Agios Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 25 Nov 2020

**2018**

2018102074 **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statements filed 30 Aug 2020 and 10 Dec 2020

2018202116 **AbbVie Biotechnology Ltd** The nature of the amendment is as shown in the statement filed 05 Nov 2020

2018210690 **Canntab Therapeutics Limited** The nature of the amendment is: Amend the name of the inventor to read Renwick, Jeff; Lefler, Robert Scott and Laxminarayan, Joshi

2018214258 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is as shown in the statement filed 10 Mar 2021

2018236699 **Ionis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 16 Dec 2020

2018240551 **Milwaukee Electric Tool Corporation** The nature of the amendment is: Amend the name of the inventor to read Brozek, Jeffrey M.; Truettner, Donald J.; Lamont, Lance D.; Stampfl, Burtrom L.;

**Amendments**

Obermann, Timothy R.; Mergener, Matthew J.; Hamidi, Seyed A.; Zimmerman, Jacob N. and Radovich, Kyle

2018271312 **Carpenter, W.** The nature of the amendment is as shown in the statement filed 26 Nov 2020

2018310045 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Refrigeration Apparatus

2018441905 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read ELECTRONIC DEVICE LOW-TEMPERATURE PROTECTION METHOD AND ELECTRONIC DEVICE

**2019**

2019200787 **Angel Playing Cards Co., Ltd.** The nature of the amendment is as shown in the statement filed 04 Dec 2020

2019200840 **Astex Therapeutics Limited** The nature of the amendment is as shown in the statements filed 24 Sep 2020, 11 Nov 2020 and 12 Nov 2020

2019202424 **Edge Electrons Limited** The nature of the amendment is: Application is to proceed under the number 2019101788

2019204054 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 03 Dec 2020

2019272039 **Emulate, Inc.** The nature of the amendment is as shown in the statement filed 02 Dec 2020

2019311658 **Alteogen, Inc** The nature of the amendment is: Amend the invention title to read NOVEL HYALURONIDASE VARIANTS AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

2019317676 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read REFERENCE SIGNAL SENDING METHOD, REFERENCE SIGNAL RECEIVING METHOD, AND APPARATUS

2019318554 **Optical Spine** The nature of the amendment is: Amend the name of the inventor to read JACKSON III, Avery and SOUZA Sr., John

2019321888 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR PROCESSING CHANGE IN RADIO CAPABILITY OF TERMINAL APPARATUS AND APPARATUS

2019324654 **NTT DoCoMo, Inc.** The nature of the amendment is: Amend the invention title to read RADIO COMMUNICATION APPARATUS AND RADIO COMMUNICATION METHOD

2019382333 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for automatically controlling work machine including work implement

2019383158 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for automatically controlling work machine including work implement



**Amendments**

2019385000 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for automatically controlling work machine including work implement

2019434881 **Institute of Animal Science and Veterinary Medicine Shandong Academy of Agricultural Sciences** The nature of the amendment is: Application is to proceed under the number 2019101789

**2020**

2020100695 **Seed Terminator Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 08 Mar 2021

2020103023 **Suzhou Academy of Agricultural Sciences** The nature of the amendment is: Amend the name of the inventor to read Gu, Junrong; Dong, Minghui; Tao, Sheng; Chen, Peifeng; Song, Yunsheng; Xu, Zhe; Dong, Shangwen and Wang, Dongming

2020204519 **TuSimple, Inc.** The nature of the amendment is: Amend the name of the inventor to read DAY, Jade E. and RENN, Jeffrey

2020207822 **TuSimple, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAN, Xiaoling; ZHENG, Kaixin; DAY, Jade E.; RENN, Jeffrey; SKINNER, Todd; HUANG, Zehua and PRICE, Charles A.

2020218414 **Mizkan Holdings Co., Ltd.** The nature of the amendment is: Amend the invention title to read DRY PLANT POWDER HAVING ENHANCED SWEET FLAVOR, AND FOOD/DRINK

2020244460 **Pisacane, N.** The nature of the amendment is: Amend the invention title to read Combined Air & Water & Surfaces UVC Sterilization Utility Gadget

2020251416 **Meego Technology Limited** The nature of the amendment is: Application is to proceed under the number 2020104421

2020900780 **Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read EL TAHCHY, Anna; HUSSAIN, Dawar; SINGH, Surinder Pal; SHRESTHA, Pushkar; DEVILLA, Rosangela Aparecida and PETRIE, James Robertson

2020904399 **Johnson, D.; Galbraith, K.** The nature of the amendment is: Amend the name of the inventor to read Johnson, David and Galbraith, Kelly Louise

**2021**

2021101156 **Zillicymbals** The nature of the amendment is: Amend the invention title to read Jazz2Rock

2021900051 **Collar & Ruff** The nature of the amendment is: Amend the invention title to read Dual Layers for leather dog collars

2021900052 **Collar & Ruff** The nature of the amendment is: Amend the invention title to read Printed weatherproof Dog Collars & Leads

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

**Amendments**

**2014**

2014246608 **Mobicool Electronic (Zhuhai) Co., Ltd** The name of the applicant has been altered to **Dometic (Zhuhai) Technology Co., Ltd.**

2014349268 **Structo Pte. Ltd** The name of the patentee has been altered to **Structo Pte. Ltd.**

**2015**

2015367208 **Valeant Pharmaceuticals International, Inc.** The name of the applicant has been altered to **Bausch Health Companies Inc.**

2015401500 **Statoil Petroleum AS** The name of the applicant has been altered to **Equinor Energy AS**

**2016**

2016212771 **Structo Pte Ltd** The name of the applicant has been altered to **Structo Pte. Ltd.**

2016259405 **Crane Payment Innovations GmbH; Staatliche Munzen Baden-Wuerttemberg; Bayerisches Hauptmunzamt; Saxonia Eurocoin GmbH** The name of the patentee has been altered to **Crane Payment Innovations GmbH; Staatliche Munzen Baden-Wuerttemberg; Bayerisches Hauptmunzamt; Mint of Finland GmbH**

2016280663 **Spetz Holmgren, Anna-Lena; Järver, Peter; Sköld, Annette** The name of the applicant has been altered to **SPETZ, A.M.; Järver, P.; Sköld, A.**

**2017**

2017245894 **Advanced E-Textiles Ltd** The name of the applicant has been altered to **ADETEXS LTD**

2017385988 **Suzo International (Nederland) B.V.** The name of the applicant has been altered to **SUZOHAPP Netherlands B.V.**

**2018**

2018201965 **DMNoMore** The name of the patentee has been altered to **Phaim Pharma Ltd**

2018202802 **DMNoMore** The name of the patentee has been altered to **Phaim Pharma Ltd**

2018217298 **Dometic Sweden AB; Mobicool Electronic (Zhuhai) Co., Ltd** The name of the applicant has been altered to **Dometic (Zhuhai) Technology Co., Ltd.; Dometic Sweden AB**

2018279618 **Structo Pte Ltd** The name of the applicant has been altered to **Structo Pte. Ltd.**

**2019**

2019200824 **DMNoMore** The name of the applicant has been altered to **Phaim Pharma Ltd**

2019337096 **Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College** The name of the applicant has been altered to **Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College**

**Amendments**

2019339510 Poviva Tea, LLC The name of the applicant has been altered to **Poviva Corp.**

**2021**

2021101066 Pradhan, Arjyadhara; Acharya, Biswaranjan; Panda, Babita; Mohapatra, Srikanta; Nanda, Lipika; Samal, Sarita; Mishra, Banishree; Prusty, Soubhagya Ranjan; Dei, Geetanjali The name of the applicant has been altered to **Pradhan, A.; Acharya, B.; Panda, B.; Mohapatra, S.; Nanda, L.; Samal, S.; Misra, B.; Prusty, S.R.; Dei, G.**

2021101157 EC Pharma The name of the applicant has been altered to **EC Pharma Pty Ltd**

2021900597 EC Pharma The name of the applicant has been altered to **EC Pharma Pty Ltd**

Applications Open to Public Inspection

Name Index

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

---

(71) 3M Innovative Properties Company  
**(11)** AU-A-2021201529  
**(21)** 2021201529 **(22)** 10.03.2021  
**(54)** Contoured foam dressing shaped for providing negative pressure to incisions in the breast  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61F 13/14** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018355103  
**(72)** Rehbein, Jonathan G.; Kazala, Richard; Sandoval, Enrique L.; Randolph, Larry Tab; Perkins, Luke; Silverman, Ronald P.  
**(74)** Shelston IP Pty Ltd.

---

**(71)** AbbVie Inc.  
**(11)** AU-A-2021201414  
**(21)** 2021201414 **(22)** 04.03.2021  
**(54)** Carbidopa and L-dopa prodrugs and their use to treat Parkinson's disease  
**(51)** Int. Cl.  
**A61K 31/661** ( 2006.01 )  
**A61K 31/6615** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2015335941  
**(72)** Cardinal-David, Benoit; Chan, Vincent S.; Dempah, Kassibla E.; Enright, Brian P.; Henry, Rodger F.; Ho, Raimundo; Huang, Ye; Hutters, Alexander D.; Klix, Russell C.; Krabbe, Scott W.; Kym, Philip R.; Lao, Yanbin; Lou, Xiaochun; Mackey, Sean E.; Matulenko, Mark A.; Mayer, Peter T.; Miller, Christopher P.; Stambuli, James; Voight, Eric A.; Wang, Zhi; Zhang, Geoff G.; Stella, Valentino J.  
**(74)** Spruson & Ferguson

---

**(71)** AbbVie Inc.  
**(11)** AU-A-2021201463  
**(21)** 2021201463 **(22)** 08.03.2021  
**(54)** Primary carboxamides as BTK inhibitors  
**(51)** Int. Cl.  
**C07D 217/22** ( 2006.01 )  
**A61K 31/405** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019200901  
**(72)** BONAFOUX, Dominique; DAVIS, Heather M.; FRANK, Kristine E.; FRIEDMAN, Michael M.; HEROLD, J. Martin; HOEMANN, Michael Z.; HUNTLEY, Raymond; OSUMA, Au-

gustine; SHEPPARD, George; SOMAL, Gagandeep K.; VAN CAMP, Jennifer; VAN EPPS, Stacy A.; VASUDEVAN, Anil; WALLACE, Grier A.; WANG, Lu; WANG Zhi; WILSON, Noel S.; XU, Xi-angdong  
**(74)** Spruson & Ferguson

---

**(71)** Ablynx NV  
**(11)** AU-A-2021201506  
**(21)** 2021201506 **(22)** 10.03.2021  
**(54)** Techniques for predicting, detecting and reducing aspecific protein interference in assays involving immunoglobulin single variable domains  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/42** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019201606  
**(72)** Baumeister, Judith; Bouche, Marie-Paule Lucienne Armanda; Boutton, Carlo; Buyse, Marie-Ange; Snoeck, Veerle; Staelens, Stephanie  
**(74)** Shelston IP Pty Ltd.

---

**(71)** ABUS August Bremicker Söhne KG  
**(11)** AU-A-2020223748  
**(21)** 2020223748 **(22)** 28.08.2020  
**(54)** RING HOOP PADLOCK AND ASSEMBLY METHOD  
**(51)** Int. Cl.  
**E05B 67/28** ( 2006.01 )  
**(31)** 10 2019 123 897.8 **(32)** 05.09.19 **(33)** DE  
**(43)** 25.03.2021  
**(72)** Hommel, Martin; Diesing, Michael; Thomas, Manuel  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** ACCESS CLOSURE, INC.  
**(11)** AU-A-2021201455  
**(21)** 2021201455 **(22)** 05.03.2021  
**(54)** Apparatus and methods for sealing a vascular puncture  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019229429  
**(72)** HUNDERTMARK, Ronald R.; GUY-ER, Curt; TO, Kevin; REPP, Rick; SCHNITZER, Martin; AVUTHU, Sravanthi  
**(74)** Griffith Hack

---

**(71)** Acol Skylights & Roof Windows Pty Ltd  
**(11)** AU-A-2020230233  
**(21)** 2020230233 **(22)** 08.09.2020

**(54)** SKYLIGHT WEATHERPROOFING FLASHING TRAY AND METHOD  
**(51)** Int. Cl.  
**E04D 3/38** ( 2006.01 )  
**E04D 3/30** ( 2006.01 )  
**E04D 3/34** ( 2006.01 )  
**E04D 3/361** ( 2006.01 )  
**E04D 13/03** ( 2006.01 )  
**E04D 13/14** ( 2006.01 )  
**(31)** 2019903376 **(32)** 11.09.19 **(33)** AU  
**(43)** 25.03.2021  
**(72)** MERCIER, Gregory  
**(74)** protectmyidea.com.au

---

**(71)** AFI Licensing LLC  
**(11)** AU-A-2021201436  
**(21)** 2021201436 **(22)** 05.03.2021  
**(54)** A flooring panel and methods for manufacturing same  
**(51)** Int. Cl.  
**B32B 7/02** ( 2019.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**B32B 38/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016287760  
**(72)** Kroll, Melissa A.; Malkowski, Elizabeth A.; Reese, Kim M.  
**(74)** Shelston IP Pty Ltd.

---

**(71)** AFI Licensing LLC  
**(11)** AU-A-2021201438  
**(21)** 2021201438 **(22)** 05.03.2021  
**(54)** Laminated surface coverings  
**(51)** Int. Cl.  
**B32B 7/02** ( 2019.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**B32B 38/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016287834  
**(72)** Eshbach, John R.; Stoll, Brent L.; Anspach, Kean M.  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Amgen Inc.  
**(11)** AU-A-2021201409  
**(21)** 2021201409 **(22)** 04.03.2021  
**(54)** Crystalline antibody formulations  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2015289967  
**(72)** Christian, Twinkle R.; Clogston, Christi L.; Osslund, Timothy David  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Amgen Inc.  
**(11)** AU-A-2021201422  
**(21)** 2021201422 **(22)** 04.03.2021

Applications Open to Public Inspection - Name Index cont'd

(54) Crystalline antibody formulations	16/584,281	26.09.19	US	
(51) Int. Cl.	16/584,445	26.09.19	US	
<b>C07K 16/40</b> ( 2006.01 )	PA201970599	26.09.19	DK	(71) Aristocrat Technologies Australia Pty Limited
<b>A61K 39/395</b> ( 2006.01 )	PA201970598	26.09.19	DK	(11) AU-A-2021201453
(43) 25.03.2021	PA201970597	26.09.19	DK	(21) 2021201453 (22) 05.03.2021
(62) 2015289874	PA201970596	26.09.19	DK	(54) A GAMING SYSTEM AND METHOD OF GAMING
(72) Khalaf, Nazer; Mandapati, Saraswathi; Patel, Reena J.	16/585,714	27.09.19	US	(51) Int. Cl.
(74) Shelston IP Pty Ltd.	16/585,721	27.09.19	US	<b>A63F 13/00</b> ( 2014.01 )
	(43) 25.03.2021			(43) 25.03.2021
	(72) GUZMAN, Aurelio; AGNOLI, Giovanni M.; BUTCHER, Gary Ian; CHAO, Edward; CHEN, Kevin Will; DYE, Alan C.; EDWARDS, Dylan Ross; FELTON, Nicholas; LEMAY, Stephen O.; NIE, Yiqiang; PAGE, Pani; SUNDSTROM, Matthew J.; WEISS, Jacob Z.; WILLIAMS, Aled Hywel; WILSON, Christopher; LYNCH, Kevin			(62) 2019202954
(71) Amicus Therapeutics Inc.	(74) FPA Patent Attorneys Pty Ltd			(72) FONG, Colin; WALKER, Peter Leslie
(11) AU-A-2021201208				(74) Griffith Hack
(21) 2021201208 (22) 24.02.2021				
(54) ASSAYS FOR DIAGNOSING AND EVALUATING TREATMENT OPTIONS FOR FABRY DISEASE				
(51) Int. Cl.				
<b>G01N 33/573</b> ( 2006.01 )				
<b>A61K 9/48</b> ( 2006.01 )				
<b>A61K 31/45</b> ( 2006.01 )				
<b>A61P 3/00</b> ( 2006.01 )				
<b>G01N 33/567</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2019226136				
(72) Lockhart, David; Castelli, Jeff				
(74) Dark IP				
(71) Ancestry.com DNA, LLC				
(11) AU-A-2021201500				
(21) 2021201500 (22) 10.03.2021				
(54) Haplotype phasing models				
(51) Int. Cl.				
<b>G16B 40/00</b> ( 2019.01 )				
<b>G16B 5/00</b> ( 2019.01 )				
<b>G16B 20/00</b> ( 2019.01 )				
(43) 25.03.2021				
(62) 2015331619				
(72) BALL, Catherine Ann; NOTO, Keith D.; CHAHINE, Kenneth G.; BARBER, Mathew J.; WANG, Yong				
(74) AJ PARK				
(71) Angel Playing Cards Co., Ltd.				
(11) AU-A-2021201412				
(21) 2021201412 (22) 04.03.2021				
(54) CARD SHOE APPARATUS AND GAME SYSTEM				
(51) Int. Cl.				
<b>A63F 1/12</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2019200338				
(72) Shigeta, Yasushi				
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd				
<b>ANOKION SA see ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)</b>				
(21) 2021201504				
(71) Apple Inc.				
(11) AU-A-2020309093				
(21) 2020309093 (22) 11.08.2020				
(54) Techniques for managing display usage				
(51) Int. Cl.				
<b>G09G 5/10</b> ( 2006.01 )				
(31) 62/897,959 (32) 09.09.19 (33) US				
(71) Apple Inc.				
(11) AU-A-2021201449				
(21) 2021201449 (22) 05.03.2021				
(54) Device, method, and graphical user interface for synchronizing two or more displays				
(51) Int. Cl.				
<b>G06F 9/44</b> ( 2018.01 )				
<b>G01C 21/36</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2019213441				
(72) SANTAMARIA, Justin; CHAUDHRI, Imran; PITSCHEL, Donald W.; FINO, Jorge; SCHUBERT, Emily Clark; SHAFER, Joshua H.; BRADLEY, Bob; LEE, Eric; HERZ, Scott				
(74) FPA Patent Attorneys Pty Ltd				
(71) Apple Inc.				
(11) AU-A-2021201419				
(21) 2021201419 (22) 04.03.2021				
(54) Device, method, and graphical user interface for adjusting the appearance of a control				
(51) Int. Cl.				
<b>G06F 3/0488</b> ( 2013.01 )				
<b>G06F 3/16</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2020257092				
(72) Carrigan, Taylor G.; Coffman, Patrick L.; Cranfill, Elizabeth Caroline; Foss, Christopher Patrick; Graham, David Chance; Jon, Tiffany S.; Kim, Andrew Seunghyun; Trottier, Lauren K.				
(74) FPA Patent Attorneys Pty Ltd				
(71) Apple Inc.				
(11) AU-A-2021201459				
(21) 2021201459 (22) 04.03.2021				
(54) User interfaces for managing controllable external devices				
(51) Int. Cl.				
<b>G07F 17/34</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2019203260				
(72) PLOWMAN, Gregory Leigh				
(74) Griffith Hack				
(71) Armstrong World Industries, Inc.				
(11) AU-A-2021201459				
(21) 2021201459 (22) 08.03.2021				
(54) Assembly for supporting ceiling panels and ceiling system incorporating the same				
(51) Int. Cl.				
<b>E04B 9/10</b> ( 2006.01 )				
<b>E04B 9/26</b> ( 2006.01 )				
<b>E04B 9/06</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2015353756				
(72) Bergman, Todd M.; Harnish, Scott D.; Van Dore, Jonathan P.				
(74) Shelston IP Pty Ltd.				
(71) Asahi Intecc Co., Ltd.				
(11) AU-A-2021201488				
(21) 2021201488 (22) 09.03.2021				
(54) GSR sensor element				
(51) Int. Cl.				
<b>G01R 33/02</b> ( 2006.01 )				
<b>H01L 29/82</b> ( 2006.01 )				
(43) 25.03.2021				
(62) 2018281459				
(72) Honkura, Yoshinobu; Kikuchi, Eiki; Kudo, Kazue; Tanabe, Junichi; Honkura, Shinpei				
(74) FPA Patent Attorneys Pty Ltd				
(71) Auth0, Inc.				
(11) AU-A-2021201497				
(21) 2021201497 (22) 09.03.2021				
(54) Multi-tenancy via code encapsulated in server requests				
(51) Int. Cl.				
<b>G06F 21/53</b> ( 2013.01 )				
<b>G06F 9/455</b> ( 2018.01 )				

Applications Open to Public Inspection - Name Index cont'd

**G06F 9/50** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2015353500  
**(72)** Janczuk, Tomasz; Woloski, Matias  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Ayres, L.  
**(11)** AU-A-2019226266  
**(21)** 2019226266 **(22)** 07.09.2019  
**(54)** A sand-free beach lounge towel that converts into a seat with the use of two wooden sticks  
**(51)** Int. Cl.  
**A47K 10/02** ( 2006.01 )  
**A47C 31/11** ( 2006.01 )  
**(43)** 25.03.2021  
**(72)** Ayres, Lauren  
**(74)** Lauren Ayres

---

**(71)** Bambino Prezioso Switzerland AG  
**(11)** AU-A-2020230274  
**(21)** 2020230274 **(22)** 09.09.2020  
**(54)** Child safety seat and assembly system warning device thereof  
**(51)** Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**(31)** 201910855969.X **(32)** 10.09.19 **(33)** CN  
**(43)** 25.03.2021  
**(72)** ZHANG, Da Liang  
**(74)** Griffith Hack

---

**(71)** BASF SE  
**(11)** AU-A-2021201498  
**(21)** 2021201498 **(22)** 09.03.2021  
**(54)** Methods for making L-glufosinate  
**(51)** Int. Cl.  
**C12P 9/00** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12P 13/04** ( 2006.01 )  
**C12P 41/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2017227553  
**(72)** GREEN, Brian Michael; GRADLEY, Michelle Lorraine; ALCASABAS, Annette  
**(74)** Griffith Hack

---

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2021201446  
**(21)** 2021201446 **(22)** 05.03.2021  
**(54)** Administration system, delivery device, and notification device for communicating status of a medical device  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/148** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018302130  
**(72)** UDDIN, Nasir; DESPA, Mircea; DOSHI PURSEL, Rekha; GYORY, John Richard; MORALES, Carlos; RICHARDS, Andrew; MOONEY, Matt;

ABRY, Herve; BOWEN, Mark; ZHANG, Rachel  
**(74)** FB Rice Pty Ltd

---

**(71)** Binary Beer Pty Ltd  
**(11)** AU-A-2021201464  
**(21)** 2021201464 **(22)** 08.03.2021  
**(54)** Non-invasive attachable smart device housings and smart device methods and systems for beverage containers  
**(51)** Int. Cl.  
**B67D 1/08** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2020203218  
**(72)** BURTON, Michael Edwin; ES-DAILE-WATTS, Edward Ellis  
**(74)** Spruson & Ferguson

---

**(71)** BISSELL Inc.  
**(11)** AU-A-2020227079  
**(21)** 2020227079 **(22)** 03.09.2020  
**(54)** Edge cleaning brushes for floor cleaning  
**(51)** Int. Cl.  
**A47L 9/04** ( 2006.01 )  
**A47L 9/06** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
**(31)** 62/896,751 **(32)** 06.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** VanTongerren, Todd R.  
**(74)** Griffith Hack

---

**(71)** BOE Technology Group Co., Ltd.  
**(11)** AU-A-2021201511  
**(21)** 2021201511 **(22)** 10.03.2021  
**(54)** Pixel arrangement structure, display substrate, display device and mask plate group  
**(51)** Int. Cl.  
**H01L 27/32** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018408152  
**(72)** WANG, Hongli; HUANGFU, Lujiang  
**(74)** Griffith Hack

---

**(71)** Boyle, N.  
**(11)** AU-A-2021201462  
**(21)** 2021201462 **(22)** 08.03.2021  
**(54)** An unmanned roadside signage vehicle system  
**(51)** Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**B60Q 7/00** ( 2006.01 )  
**E01F 9/594** ( 2016.01 )  
**G08G 1/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016354673  
**(72)** Boyle, Norman  
**(74)** Patentec Patent Attorneys

---

**(71)** British American Tobacco (Investments) Limited  
**(11)** AU-A-2021201472  
**(21)** 2021201472 **(22)** 09.03.2021  
**(54)** A filter for a smoking article or an aerosol generating product

**(51)** Int. Cl.  
**A24D 3/06** ( 2006.01 )  
**A24B 15/28** ( 2006.01 )  
**A24D 3/04** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018356947  
**(72)** Miah, Rezaul; Yanez, Ignacio Suarez  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Bruckbauer, W.  
**(11)** AU-A-2020227051  
**(21)** 2020227051 **(22)** 02.09.2020  
**(54)** Inflow nozzle  
**(51)** Int. Cl.  
**F24C 15/20** ( 2006.01 )  
**(31)** 102019213610.9 **(32)** 06.09.19 **(33)** DE  
**(43)** 25.03.2021  
**(72)** Bruckbauer, Wilhelm  
**(74)** Gestalt Law Pty Ltd

---

**(71)** CATERPILLAR INC.  
**(11)** AU-A-2020220077  
**(21)** 2020220077 **(22)** 18.08.2020  
**(54)** IMPLEMENT STALL DETECTION SYSTEM  
**(51)** Int. Cl.  
**E02F 3/84** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
**(31)** 16/562,079 **(32)** 05.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** COWPER, Lance; DETTMAN, Ronald P.; RYERSON, Cody J.  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** Celgene Corporation  
**(11)** AU-A-2021201493  
**(21)** 2021201493 **(22)** 09.03.2021  
**(54)** Methods of synthesis of (1R,2R,5R)-5-amino-2-methylcyclohexanol hydrochloride and intermediates useful therein  
**(51)** Int. Cl.  
**C07B 37/12** ( 2006.01 )  
**C07C 2/52** ( 2006.01 )  
**C07C 61/22** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016297784  
**(72)** Connolly, Terrence Joseph; Man, Hon-Wah; Nagarajan, Periyandi; Rajendiran, Chinnapillai; Venkateswarlu, Jasti  
**(74)** FB Rice Pty Ltd

---

**(71)** Ceres, Inc.  
**(11)** AU-A-2021201537  
**(21)** 2021201537 **(22)** 10.03.2021  
**(54)** Methods of increasing crop yield under abiotic stress  
**(51)** Int. Cl.  
**A01H 5/00** ( 2018.01 )  
**C12N 15/20** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2015289691  
**(72)** Pennell, Roger I.; Wang, Wuyi; Wu, Chuan-Yin; Parihar, Dwarkesh; Verma,

Applications Open to Public Inspection - Name Index cont'd

- Paresh; Kumar, Vijay R.; Rao, Shridhar J.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** CFPH, LLC  
**(11)** AU-A-2021201411  
**(21)** 2021201411 **(22)** 04.03.2021  
**(54)** SYSTEMS AND METHODS OF DETECTING MANIPULATIONS ON A BINARY OPTIONS EXCHANGE  
**(51)** Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**(43)** 25.03.2021  
**(62)** 2020200270  
**(72)** Jaycobs, Rich; Walker, James Les; Glantz, Nolan  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** CFPH, LLC  
**(11)** AU-A-2021201528  
**(21)** 2021201528 **(22)** 10.03.2021  
**(54)** GAME AT CASH REGISTER  
**(51)** Int. Cl.  
**A63F 9/24** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019203512  
**(72)** Lutnick, Howard W.; Gelman, Geoffrey M.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Chen, T.; Han, X.  
**(11)** AU-A-2019229364  
**(21)** 2019229364 **(22)** 11.09.2019  
**(54)** Word processor  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(72)** CHEN, Tao; HAN, Xiao  
**(74)** Spruson & Ferguson
- 
- Chongqing University see State Grid East Inner Mongolia Electric Power Co., Ltd. Maintenance Branch**  
**(21)** 2020286252
- 
- (71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-A-2021201428  
**(21)** 2021201428 **(22)** 04.03.2021  
**(54)** Monitoring systems and methods  
**(51)** Int. Cl.  
**G01S 13/86** ( 2006.01 )  
**G01C 11/06** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016303789  
**(72)** ELMOUTTIE, Marc Karim; POROPAT, George Vladimir  
**(74)** FB Rice Pty Ltd
- 
- (71)** Cooper, D.; Schuckmann, S.  
**(11)** AU-A-2019226285  
**(21)** 2019226285 **(22)** 09.09.2019
- 
- (54)** SINTERED PELLETS FOR SUPPRESSING ALGAL GROWTH  
**(51)** Int. Cl.  
**A01N 59/00** ( 2006.01 )  
**A01N 25/08** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**C04B 35/515** ( 2006.01 )  
**C04B 35/64** ( 2006.01 )  
**(43)** 25.03.2021  
**(72)** Cooper, David Allan  
**(74)** Michael Buck IP
- 
- (71)** Covidien LP  
**(11)** AU-A-2020210133  
**(21)** 2020210133 **(22)** 27.07.2020  
**(54)** Surgical instrument with evacuation port and method  
**(51)** Int. Cl.  
**A61B 18/00** ( 2006.01 )  
**(31)** 16/564,900 **(32)** 09.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** BARIL, Jacob; PILLETTERE, Roy; DININO, Matthew; THOMAS, Justin  
**(74)** Spruson & Ferguson
- 
- (71)** Covidien LP  
**(11)** AU-A-2020210135  
**(21)** 2020210135 **(22)** 27.07.2020  
**(54)** Reusable surgical port with disposable seal assembly  
**(51)** Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 17/34** ( 2006.01 )  
**A61B 34/35** ( 2016.01 )  
**(31)** 16/564,780 **(32)** 09.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** BARIL, Jacob; THOMAS, Justin; PILLETTERE, Roy; DININO, Matthew  
**(74)** Spruson & Ferguson
- 
- (71)** Covidien LP  
**(11)** AU-A-2020210136  
**(21)** 2020210136 **(22)** 27.07.2020  
**(54)** Anvil buttress loading unit for a surgical stapling apparatus  
**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/10** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )  
**(31)** 16/565,668 **(32)** 10.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** WILLIAMS, Justin  
**(74)** Spruson & Ferguson
- 
- (71)** Covidien LP  
**(11)** AU-A-2020210148  
**(21)** 2020210148 **(22)** 27.07.2020  
**(54)** Centering mechanisms for a surgical access assembly  
**(51)** Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/02** ( 2006.01 )  
**(31)** 16/564,534 **(32)** 09.09.19 **(33)** US
- 
- (43)** 25.03.2021  
**(72)** LaPIERRE, Nicolette; BARIL, Jacob; DININO, Matthew; THOMAS, Justin; BANERJEE, Saumya; PILLETTERE, Roy  
**(74)** Spruson & Ferguson
- 
- (71)** Deere & Company  
**(11)** AU-A-2020210275  
**(21)** 2020210275 **(22)** 31.07.2020  
**(54)** Excavator with improved movement sensing  
**(51)** Int. Cl.  
**E02F 3/84** ( 2006.01 )  
**E02F 3/76** ( 2006.01 )  
**(31)** 16/830,730 **(32)** 26.03.20 **(33)** US  
 16/561,556 05.09.19 US  
**(43)** 25.03.2021  
**(72)** Kean, Michael G.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Deere & Company  
**(11)** AU-A-2020213335  
**(21)** 2020213335 **(22)** 06.08.2020  
**(54)** Mobile work machine with object detection and machine path visualization  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
**(31)** 16/567,789 **(32)** 11.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** Kean, Michael G.; Harwell, Drew F.; Darling, Cale  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Deere & Company  
**(11)** AU-A-2020213337  
**(21)** 2020213337 **(22)** 06.08.2020  
**(54)** Mobile work machine with object detection using vision recognition  
**(51)** Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**E02F 9/20** ( 2006.01 )  
**G01C 21/28** ( 2006.01 )  
**G06T 7/70** ( 2017.01 )  
**(31)** 16/567,735 **(32)** 11.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** Kean, Michael G.  
**(74)** Davies Collison Cave Pty Ltd
- 
- Devgen NV see Syngenta Participations AG**  
**(21)** 2021201421
- 
- (71)** Dongguan Ampere Technology Limited  
**(11)** AU-A-2020202325  
**(21)** 2020202325 **(22)** 31.03.2020  
**(54)** Mounting stand, battery assembly, and energy storage system including the same  
**(51)** Int. Cl.  
**H01M 50/20** ( 2021.01 )  
**(31)** 201910824283.4 **(32)** 02.09.19 **(33)** CN

Applications Open to Public Inspection - Name Index cont'd

- (43) 25.03.2021  
 (72) QIN, Lei; YANG, Pengcheng; WANG, Xin  
 (74) Admiral Trademarks & Patents Services
- 
- (71) Dongguan Amperex Technology Limited  
 (11) AU-A-2020202328  
 (21) 2020202328 (22) 27.03.2020  
 (54) Battery module  
 (51) Int. Cl.  
*H01M 50/20* ( 2021.01 )  
 (31) 201910833241.7 (32) 04.09.19 (33) CN  
 (43) 25.03.2021  
 (72) YANG, Pengcheng; ZHOU, Jinbing; WU, Mingjie; WANG, Xin  
 (74) Admiral Trademarks & Patents Services
- 
- (71) Dragonfly Therapeutics, Inc.  
 (11) AU-A-2021201451  
 (21) 2021201451 (22) 05.03.2021  
 (54) Proteins binding NKG2D, CD16, and EGFR, CCR4, or PD-L1  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2018318698  
 (72) CHANG, Gregory P.; CHEUNG, Ann F.; DU, Jinyan; GRINBERG, Asya; HANEY, William; SETHI, Dhruv Kam; WAGTMANN, Nicolai; LUNDE, Bradley M.; PRINZ, Bianka  
 (74) Spruson & Ferguson
- 
- (71) Dragonfly Therapeutics, Inc.  
 (11) AU-A-2021201494  
 (21) 2021201494 (22) 09.03.2021  
 (54) Proteins binding NKG2D, CD16 and a tumor-associated antigen  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
 (43) 25.03.2021  
 (62) 2018329937  
 (72) CHANG, Gregory P.; CHEUNG, Ann F.; HANEY, William; LUNDE, Bradley M.; PRINZ, Bianka; GRINBERG, Asya  
 (74) Spruson & Ferguson
- 
- (71) Dutch Drying Systems B.V.  
 (11) AU-A-2020230325  
 (21) 2020230325 (22) 11.09.2020  
 (54) Pulse-jet type bag filter assembly  
 (51) Int. Cl.  
*B01D 46/02* ( 2006.01 )  
 (31) 2023812 (32) 11.09.19 (33) NL  
 (43) 25.03.2021  
 (72) Smeenk, Roelof Steven; Leenstra, Remco  
 (74) FPA Patent Attorneys Pty Ltd

- (71) Dynamics Inc.  
 (11) AU-A-2021201441  
 (21) 2021201441 (22) 05.03.2021  
 (54) Systems, devices, and methods for mobile payment acceptance, mobile authorizations, mobile wallets, and contactless communication mechanisms  
 (51) Int. Cl.  
*G06Q 40/02* ( 2012.01 )  
 (43) 25.03.2021  
 (62) 2019202049  
 (72) MULLEN, Jeffrey D.; RIGATTI, Christopher J.; WALLACE, Michael T.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL); ANOKION SA  
 (11) AU-A-2021201504  
 (21) 2021201504 (22) 10.03.2021  
 (54) Glycotargeting therapeutics  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2015233084  
 (72) HUBBEL, Jeffrey A.; KONTOS, Stephane; LORENTZ, Kristen Marie; WILSON, David Scott; GAI, Shuning  
 (74) Griffith Hack
- 
- (71) Emma Sleep GmbH  
 (11) AU-A-2020230304  
 (21) 2020230304 (22) 10.09.2020  
 (54) Bed component and bed  
 (51) Int. Cl.  
*A47C 27/08* ( 2006.01 )  
*A47C 27/18* ( 2006.01 )  
 (31) 10 2019 124 452.8 (32) 11.09.19 (33) DE  
 (43) 25.03.2021  
 (72) ELENGICAL, John; EBBECKE, Andreas; KANZLER, Nick; KERSTEN, Peter; LAASCH, Fabian; WEBER, Thomas  
 (74) Spruson & Ferguson
- 
- (71) Exxonmobil Upstream Research Company  
 (11) AU-A-2021201534  
 (21) 2021201534 (22) 10.03.2021  
 (54) Pre-cooling of natural gas by high pressure compression and expansion  
 (51) Int. Cl.  
*F25J 1/00* ( 2006.01 )  
*F25J 1/02* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2018218196  
 (72) Pierre, Fritz  
 (74) Griffith Hack
- 
- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2021201281  
 (21) 2021201281 (22) 26.02.2021  
 (54) MEDICAL TUBES AND METHODS OF MANUFACTURE  
 (51) Int. Cl.  
*A61M 16/08* ( 2006.01 )

- (43) 25.03.2021  
 (62) 2018247230  
 (72) STOKS, Elmo Benson; NORTH, Charles Christopher; SUJAU, Mahran Maumoon; STROOBANT, Josh; MILLAR, Gavin Walsh; BUSWELL, Matthew Liam; IBRAHIM, Al-Tiay; MCCAULEY, David Leon; VAN SCHALWYK, Andre; MUNKELT, Katja; WILSON, Matthew Robert; OOSTHUYSEN, Helgard; AMADIO, Christopher Jaye Norman; PATEL, Sanjay Unka; D'ANDREA, Dominique Richard; DOVER, Grant Martin; BARKER, Dean Antony; HARWOOD, Jonathan David  
 (74) AJ PARK
- 
- (71) Gardner, G.  
 (11) AU-A-2021201466  
 (21) 2021201466 (22) 08.03.2021  
 (54) Endotracheal tube insertion device  
 (51) Int. Cl.  
*A61B 1/267* ( 2006.01 )  
*A61B 1/00* ( 2006.01 )  
*A61B 1/012* ( 2006.01 )  
*A61B 1/04* ( 2006.01 )  
*A61B 18/20* ( 2006.01 )  
*A61B 18/22* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2017205628  
 (72) Gardner, Glenn P.  
 (74) Spruson & Ferguson
- 
- (71) Genova Project Solutions Pty Ltd  
 (11) AU-A-2020230315  
 (21) 2020230315 (22) 10.09.2020  
 (54) A Barrier System, a Barrier Section and a Method  
 (51) Int. Cl.  
*E01F 15/08* ( 2006.01 )  
*E01F 8/00* ( 2006.01 )  
*E01F 15/04* ( 2006.01 )  
 (31) 2019903352 (32) 10.09.19 (33) AU  
 (43) 25.03.2021  
 (72) Baumgartel, Dirk  
 (74) WRAYS PTY LTD
- 
- (71) Gilead Sciences, Inc.  
 (11) AU-A-2021201386  
 (21) 2021201386 (22) 03.03.2021  
 (54) Crystalline forms of (S) 2 ethylbutyl 2 (((S) (((2R,3S,4R,5R) 5 (4aminopyrrolo[2,1-f] [1,2,4]triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2-yl)methoxy) (phenoxy)phosphoryl)amino)propanoate  
 (51) Int. Cl.  
*C07F 9/6561* ( 2006.01 )  
*A61K 31/53* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2018262501  
 (72) Brak, Katrien; Carra, Ernest A.; Heumann, Lars V.; Larson, Nate  
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Gilead Sciences, Inc.  
 (11) AU-A-2021201474  
 (21) 2021201474 (22) 09.03.2021  
 (54) Methods for the preparation of ribosides  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 31/53* ( 2006.01 )  
*A61K 31/675* ( 2006.01 )  
*A61K 31/685* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
*C07H 1/00* ( 2006.01 )  
*C07H 1/02* ( 2006.01 )  
*C07H 11/00* ( 2006.01 )  
*C07H 15/18* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019201232  
 (72) Axt, Steven Donald; Badalov, Pavel Robertovich; Brak, Katrien; Campagna, Silvio; Chtchemelinine, Andrei; Doerffler, Edward; Frick, Morin Mae; Gao, Detian; Heumann, Lars V.; Hoang, Brittanie; Lew, Willard; Milburn, Robert Ronald; Neville, Sean Timothy; Ross, Bruce; Rueden, Erick; Scott, Robert William; Siegel, Dustin; Stevens, Andrew C.; Tadeus, Clarissa; Vieira, Tiago; Waltman, Andrew W.; Wang, Xi-anhong; Whitcomb, Mark Charles; Wolfe, Lydia; Yu, Chia-Yun  
 (74) FPA Patent Attorneys Pty Ltd

(71) Grifols Worldwide Operations Limited  
 (11) AU-A-2021201445  
 (21) 2021201445 (22) 05.03.2021  
 (54) Method of treatment of Hypoxia inducible factor (HIF)-related conditions  
 (51) Int. Cl.  
*A61K 38/40* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 41/00* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019264588  
 (72) ROSS, David A.; CRUMRINE, Ralph Christian  
 (74) Spruson & Ferguson

Han, X. see Chen, T.  
 (21) 2019229364

(71) HOEDL, P.  
 (11) AU-A-2020220213  
 (21) 2020220213 (22) 21.08.2020  
 (54) Foldable Wall Structure for Extending the Interior Space of Transportable Constructions, in Particular Camper Vans  
 (51) Int. Cl.  
*B60P 3/34* ( 2006.01 )  
 (31) 102019123934.6 (32) 06.09.19 (33) DE  
 (43) 25.03.2021  
 (72) HOEDL, Peter  
 (74) Golja Haines & Friend

(71) Hofmann Engineering Pty Ltd  
 (11) AU-A-2020230232  
 (21) 2020230232 (22) 07.09.2020  
 (54) A Grinding Assembly and a Roller Assembly  
 (51) Int. Cl.  
*B02C 4/28* ( 2006.01 )  
*B02C 4/30* ( 2006.01 )  
 (31) 2019903280 (32) 05.09.19 (33) AU  
 (43) 25.03.2021  
 (72) Hofmann, Erich John; Hofmann, Jarrod  
 (74) WRAYS PTY LTD

(71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-A-2020223782  
 (21) 2020223782 (22) 28.08.2020  
 (54) TRUSS GLENOID AUGMENT  
 (51) Int. Cl.  
*A61F 2/40* ( 2006.01 )  
 (31) 62/896,057 (32) 05.09.19 (33) US  
 (43) 25.03.2021  
 (72) TERRILL, Lance N.; NELSON, Andrew J.; CAMPBELL, Garrett  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Hubbell Incorporated  
 (11) AU-A-2021201535  
 (21) 2021201535 (22) 10.03.2021  
 (54) Side break air switch with anti-rolling blade lock  
 (51) Int. Cl.  
*H01H 1/42* ( 2006.01 )  
*H01H 1/48* ( 2006.01 )  
*H01H 1/52* ( 2006.01 )  
*H01H 31/04* ( 2006.01 )  
*H01H 31/08* ( 2006.01 )  
*H01H 31/28* ( 2006.01 )  
*H01H 31/30* ( 2006.01 )  
*H01H 33/42* ( 2006.01 )  
*H01H 33/46* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019257484  
 (72) RHEIN, David, Adelbert; LOUCKS, Nathan Scot  
 (74) Griffith Hack

(71) Imagine Intelligent Materials Ltd  
 (11) AU-A-2021201413  
 (21) 2021201413 (22) 04.03.2021  
 (54) GRAPHENE ELECTRODE  
 (51) Int. Cl.  
*H01M 4/133* ( 2010.01 )  
*H01M 4/00* ( 2006.01 )  
*H01M 4/86* ( 2006.01 )  
*H01M 4/96* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2015349612  
 (72) Aitchison, Phillip; Mathieson, Grant  
 (74) Franke Hyland Pty Ltd

(71) Inovus Ltd  
 (11) AU-A-2020230230  
 (21) 2020230230 (22) 07.09.2020  
 (54) LAPAROSCOPIC SIMULATOR  
 (51) Int. Cl.  
*G09B 23/28* ( 2006.01 )

(31) GB1912903.0 (32) 06.09.19 (33) GB  
 (43) 25.03.2021  
 (72) Van Flute, Jordan Luke; Street, Elliot Roy  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Intereach Limited  
 (11) AU-A-2019229338  
 (21) 2019229338 (22) 11.09.2019  
 (54) Community Links A program made up of 'Community Linkers' with different levels of responsibilities when working alongside community. Community Links was developed by Intereach LTD to better link people to their local communities, and to support greater inclusion and access for all members of the community.  
 (51) Int. Cl.  
*G06Q 50/22* ( 2018.01 )  
*G06Q 10/10* ( 2012.01 )  
*G06Q 90/00* ( 2006.01 )  
 (43) 25.03.2021  
 (72) Fox, Keryn; Smith, Erin; Chartres, Mardi  
 (74) Intereach Limited

(71) IrvinGQ Limited  
 (11) AU-A-2020226985  
 (21) 2020226985 (22) 31.08.2020  
 (54) A disconnect assembly  
 (51) Int. Cl.  
*B64D 17/38* ( 2006.01 )  
*B64D 1/12* ( 2006.01 )  
*B64D 9/00* ( 2006.01 )  
*B64D 17/32* ( 2006.01 )  
 (31) 1912764.6 (32) 05.09.19 (33) GB  
 (43) 25.03.2021  
 (72) LAVENDER, Mark Hywel; LAWS, Richard Anthony  
 (74) FB Rice Pty Ltd

(71) Jinko Green Energy (Shanghai) Management Co., LTD; ZHEJIANG JINKO SOLAR CO., LTD  
 (11) AU-A-2021201475  
 (21) 2021201475 (22) 09.03.2021  
 (54) PHOTOVOLTAIC MODULE, SOLAR CELL, AND MANUFACTURING METHOD THEREFOR  
 (51) Int. Cl.  
*H01L 31/0216* ( 2014.01 )  
*H01L 31/18* ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2020203989  
 (72) YANG, Jie; LI, Wenqi; YUAN, Xueting; ZHANG, Xinyu; JIN, Hao  
 (74) Franke Hyland Pty Ltd

(71) KE, S.  
 (11) AU-A-2020201607  
 (21) 2020201607 (22) 04.03.2020  
 (54) Pump-Storage Device and Pump-Storage Sewage Truck Including the Same  
 (51) Int. Cl.  
*B65F 3/02* ( 2006.01 )  
*E03F 5/14* ( 2006.01 )



Applications Open to Public Inspection - Name Index cont'd

**E03F 7/10** ( 2006.01 )  
**F04B 23/02** ( 2006.01 )  
**F04C 13/00** ( 2006.01 )  
**(31)** 108132085 **(32)** 05.09.19 **(33)** TW  
**(43)** 25.03.2021  
**(72)** KE, Shih-Yuan  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Kyungdong Navien Co., Ltd.  
**(11)** AU-A-2020205360  
**(21)** 2020205360 **(22)** 20.07.2020  
**(54)** CAP AND WATER-HEATING DEVICE INCLUDING THE SAME  
**(51)** Int. Cl.  
**F24H 9/02** ( 2006.01 )  
**(31)** 10-2019-0113103 **(32)** 11.09.19 **(33)** KR  
**(43)** 25.03.2021  
**(72)** Park, Jun Kyu; Hur, Jeon; Cha, Hwa Yong  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Kyungdong Navien Co., Ltd.  
**(11)** AU-A-2020223747  
**(21)** 2020223747 **(22)** 28.08.2020  
**(54)** BELL MOUTH, AIR SUPPLY ASSEMBLY INCLUDING THE BELL MOUTH, AND AIR SUPPLY CONTROL SYSTEM USING THE BELL MOUTH  
**(51)** Int. Cl.  
**F24H 9/00** ( 2006.01 )  
**F23L 1/00** ( 2006.01 )  
**(31)** 10-2019-0113102 **(32)** 11.09.19 **(33)** KR  
**(43)** 25.03.2021  
**(72)** Park, Jun Kyu; Hur, Jeon; Yu, Jeong Gi  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Kyungdong Navien Co., Ltd.  
**(11)** AU-A-2020227128  
**(21)** 2020227128 **(22)** 07.09.2020  
**(54)** GAS DISTRIBUTION ASSEMBLY AND WATER-HEATING DEVICE INCLUDING THE SAME  
**(51)** Int. Cl.  
**F24H 9/14** ( 2006.01 )  
**F24D 19/00** ( 2006.01 )  
**F24H 1/00** ( 2006.01 )  
**(31)** 10-2019-0113101 **(32)** 11.09.19 **(33)** KR  
**(43)** 25.03.2021  
**(72)** Park, Jun Kyu; Hur, Jeon  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Kyungdong Navien Co., Ltd.  
**(11)** AU-A-2020230317  
**(21)** 2020230317 **(22)** 11.09.2020  
**(54)** BRACKET FOR FIXING TEMPERATURE SENSOR, HEAT EXCHANGER INCLUDING THE BRACKET, AND WATER HEATING APPARATUS USING THE HEAT EXCHANGER FOR FREEZE PROTECTION  
**(51)** Int. Cl.  
**F24H 9/20** ( 2006.01 )  
**F24D 17/00** ( 2006.01 )  
**F24H 9/06** ( 2006.01 )  
**(31)** 10-2019-0113104 **(32)** 11.09.19 **(33)** KR

**(43)** 25.03.2021  
**(72)** Park, Jun Kyu; Hur, Jeon; Lim, Whee Jun  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Landos Biopharma, Inc.  
**(11)** AU-A-2021201405  
**(21)** 2021201405 **(22)** 04.03.2021  
**(54)** LANTHIONINE SYNTHETASE C-LIKE 2-BASED THERAPEUTICS  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**C07D 213/69** ( 2006.01 )  
**C07D 307/60** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )

**(43)** 25.03.2021  
**(62)** 2019201231  
**(72)** Bassaganya-Riera, Josep; Carbo Barrios, Adria; Gandour, Richard; Cooper, Julian D.; Hontecillas, Raquel  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Lenkbar, LLC  
**(11)** AU-A-2019316540  
**(21)** 2019316540 **(22)** 10.09.2019  
**(54)** Cutting head for tissue collection device  
**(51)** Int. Cl.  
**A61B 10/02** ( 2006.01 )  
**(43)** 25.03.2021  
**(72)** PAPENFUSS, Erik H.  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** LG ELECTRONICS INC.  
**(11)** AU-A-2020210209  
**(21)** 2020210209 **(22)** 29.07.2020  
**(54)** WASHING MACHINE AND CONTROL METHOD THEREOF  
**(51)** Int. Cl.  
**D06F 37/42** ( 2006.01 )  
**D06F 29/00** ( 2006.01 )  
**D06F 31/00** ( 2006.01 )  
**D06F 34/30** ( 2020.01 )  
**D06F 37/28** ( 2006.01 )  
**D06F 39/14** ( 2006.01 )  
**(31)** 10-2019-0111632 **(32)** 09.09.19 **(33)** KR  
**(43)** 25.03.2021  
**(72)** HWANG, Yonggeun; KIM, Ji Hun  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** Lion Group, Inc.  
**(11)** AU-A-2021201416  
**(21)** 2021201416 **(22)** 04.03.2021  
**(54)** Fire fighting training system with steam/smoke generation  
**(51)** Int. Cl.  
**G09B 19/00** ( 2006.01 )

**(43)** 25.03.2021  
**(62)** 2019200347  
**(72)** BLACKBURN, John Joseph; GOLDMAN, Daniel A.; LADD, Evan Andrew  
**(74)** Spruson & Ferguson

**(71)** MERCK PATENT GMBH  
**(11)** AU-A-2021201532  
**(21)** 2021201532 **(22)** 10.03.2021  
**(54)** Pyrimidine derivatives as BTK inhibitors and uses thereof  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07D 239/48** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )

**(43)** 25.03.2021  
**(62)** 2016290950  
**(72)** QIU, Hui; CALDWELL, Richard D.; LIU-BUJALSKI, Lesley  
**(74)** Griffith Hack

**(71)** Meso Scale Technologies, LLC  
**(11)** AU-A-2021201417  
**(21)** 2021201417 **(22)** 04.03.2021  
**(54)** CONSUMABLE DATA MANAGEMENT  
**(51)** Int. Cl.  
**G16H 40/40** ( 2018.01 )  
**(43)** 25.03.2021  
**(62)** 2019200316  
**(72)** Cong, Xinri; Jackson, Jerome; Stevens, Carl; Vock, Michael; Wohlstadter, Jacob N.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Michail, R.  
**(11)** AU-A-2020230311  
**(21)** 2020230311 **(22)** 10.09.2020  
**(54)** A SYSTEM AND METHOD FOR USE IN BROKERING OF LOANS OR ENABLING THE ASSESSMENT OF OR COMPARISON OF LOANS  
**(51)** Int. Cl.  
**G06Q 40/02** ( 2012.01 )  
**(31)** 2019903371 **(32)** 11.09.19 **(33)** AU  
**(43)** 25.03.2021  
**(72)** Michail, Rodney; Simpson, Kristian; Brizeula, Pablo  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Miltenyi Biotec Technology, INC.  
**(11)** AU-A-2021201484  
**(21)** 2021201484 **(22)** 09.03.2021  
**(54)** Chimeric antigen receptors and methods of use  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**C12N 15/62** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016335848  
**(72)** ORENTAS, Rimas; SCHNEIDER, Dina; DROPULIC, Boro  
**(74)** Griffith Hack

**(71)** Minelab Electronics Pty. Limited  
**(11)** AU-A-2020227122  
**(21)** 2020227122 **(22)** 04.09.2020  
**(54)** AN IMPROVED METAL DETECTOR  
**(51)** Int. Cl.  
**G01V 3/08** ( 2006.01 )  
**(31)** 2019903282 **(32)** 05.09.19 **(33)** AU  
**(43)** 25.03.2021  
**(72)** Candy, Bruce Halcro  
**(74)** Madderns Pty Ltd

**(71)** Minelab Electronics Pty. Limited  
**(11)** AU-A-2020227124  
**(21)** 2020227124 **(22)** 04.09.2020  
**(54)** AN IMPROVED METAL DETECTOR  
**(51)** Int. Cl.  
**G01V 3/10** ( 2006.01 )  
**(31)** 2019903282 **(32)** 05.09.19 **(33)** AU  
**(43)** 25.03.2021  
**(72)** Candy, Bruce Halcro  
**(74)** Madderns Pty Ltd

**(71)** Mitsubishi Electric Corporation  
**(11)** AU-A-2020223640  
**(21)** 2020223640 **(22)** 24.08.2020  
**(54)** Air-conditioning control apparatus, air-conditioning control method, and air-conditioning control program  
**(51)** Int. Cl.  
**F24F 11/80** ( 2018.01 )  
**F24F 3/00** ( 2006.01 )  
**F24F 7/00** ( 2006.01 )  
**F24F 11/76** ( 2018.01 )  
**(31)** 2019-158434 **(32)** 30.08.19 **(33)** JP  
**(43)** 25.03.2021  
**(72)** TAMURA, Natsumi; HASHIMOTO, Masanori; MOMOTA, Masashi  
**(74)** Griffith Hack

**(71)** Nachurs Alpine Solutions, Corp.  
**(11)** AU-A-2021201499  
**(21)** 2021201499 **(22)** 09.03.2021  
**(54)** Fertilizer With Organic Potassium Salts  
**(51)** Int. Cl.  
**C05G 3/00** ( 2020.01 )  
**C01B 25/30** ( 2006.01 )  
**C05B 15/00** ( 2006.01 )  
**C05B 17/00** ( 2006.01 )  
**C05B 17/02** ( 2006.01 )  
**C05C 9/00** ( 2006.01 )  
**C05D 9/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2016318075,2016321239  
**(72)** ROACH, Tommy; BAME, Gregory A.  
**(74)** WRAYS PTY LTD

**National Center for Geriatrics and Gerontology see SHIMADZU CORPORATION**  
**(21)** 2021201434

**(71)** Netflix, Inc.  
**(11)** AU-A-2021201476  
**(21)** 2021201476 **(22)** 09.03.2021  
**(54)** Techniques for synthesizing film grain  
**(51)** Int. Cl.  
**H04N 19/85** ( 2014.01 )

**(43)** 25.03.2021  
**(62)** 2018322154  
**(72)** Norkin, Andrey  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2021201487  
**(21)** 2021201487 **(22)** 09.03.2021  
**(54)** Compositions and methods for antibodies targeting EPO  
**(51)** Int. Cl.

**C07K 16/22** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018253639  
**(72)** GHOSH, Joy; RUTZ, Mark Anthony; TISSOT-DAGUETTE, Katrin Ulrike; SPLAWSKI, Igor; ROGUSKA, Michael  
**(74)** Davies Collison Cave Pty Ltd

**(71)** NOVARTIS AG  
**(11)** AU-A-2021201424  
**(21)** 2021201424 **(22)** 04.03.2021  
**(54)** AMINOPYRIDINE DERIVATIVES AND THEIR USE AS SELECTIVE ALK-2 INHIBITORS  
**(51)** Int. Cl.

**C07D 401/10** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 411/14** ( 2006.01 )  
**C07D 413/00** ( 2006.01 )  
**C07D 417/00** ( 2006.01 )  
**C07D 419/00** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019246857  
**(72)** LI, Jialiang; ARISTA, Luca; BABU, Sreehari; BIAN, Jianwei; CUI, Kai; DILLON, Michael Patrick; LATTMANN, Rene; LIAO, Lv; LIZOS, Dimitrios; RAMOS, Rita; STIEFL, Nikolaus Johannes; ULLRICH, Thomas; US-SELMANN, Peggy; WANG, Xiaoyang; WAYKOLE, Liladhar Murlidhar; WEILER, Sven; ZHANG, Yubo; ZHOU, Yizong; ZHU, Tingying  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Nylec Pty Ltd  
**(11)** AU-A-2019226289  
**(21)** 2019226289 **(22)** 09.09.2019  
**(54)** MODULAR CHASSIS HOUSING  
**(51)** Int. Cl.  
**H02B 1/20** ( 2006.01 )  
**H02B 1/26** ( 2006.01 )  
**H02G 5/04** ( 2006.01 )

**(71)** Pulse IP, LLC  
**(11)** AU-A-2021201430  
**(21)** 2021201430 **(22)** 04.03.2021  
**(54)** Biomedical electrode having low oxygen content

**(43)** 25.03.2021  
**(72)** YOUNG, Norman Henry; YOUNG, Matthew Lee; CHILVER, Matthew James  
**(74)** Griffith Hack

**(71)** Ohuku LLC  
**(11)** AU-A-2021201483  
**(21)** 2021201483 **(22)** 09.03.2021  
**(54)** Method and system for simulating, predicting, interpreting, comparing, or visualizing complex data  
**(51)** Int. Cl.

**G06Q 30/02** ( 2012.01 )  
**G08B 21/18** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2018211992  
**(72)** Stokes, Alexander J.  
**(74)** FB Rice Pty Ltd

**(71)** Phosphorex, Inc.  
**(11)** AU-A-2021201342  
**(21)** 2021201342 **(22)** 02.03.2021  
**(54)** Microparticles and nanoparticles having negative surface charges  
**(51)** Int. Cl.

**A61K 47/59** ( 2017.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
**B82Y 5/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**(43)** 25.03.2021  
**(62)** 2017375793  
**(72)** Wu, Bin  
**(74)** RnB IP

**(71)** Pinnacle Climate Technologies  
**(11)** AU-A-2020227096  
**(21)** 2020227096 **(22)** 04.09.2020  
**(54)** PORTABLE HEATER  
**(51)** Int. Cl.  
**F23K 5/14** ( 2006.01 )  
**F24H 3/04** ( 2006.01 )  
**(31)** 16/564,371 **(32)** 09.09.19 **(33)** US  
**(43)** 25.03.2021  
**(72)** Erisgen, Sukru  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Potrero Medical, Inc.  
**(11)** AU-A-2021201400  
**(21)** 2021201400 **(22)** 03.03.2021  
**(54)** Sensing Foley catheter  
**(51)** Int. Cl.  
**A61B 5/0215** ( 2006.01 )  
**(43)** 25.03.2021  
**(62)** 2019203634  
**(72)** Burnett, Daniel Rogers; Hamilton, Marcie; Keenan, Rich; Sutaria, Saheel; Yee, Alex; Skieller, Christina; Luxon, Evan S.  
**(74)** Griffith Hack

**(71)** Pulse IP, LLC  
**(11)** AU-A-2021201430  
**(21)** 2021201430 **(22)** 04.03.2021  
**(54)** Biomedical electrode having low oxygen content

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
(43) 25.03.2021  
(62) 2016204056  
(72) Fisk, Andrew E.  
(74) Griffith Hack

(71) PurpleSun Inc.  
(11) AU-A-2021201533  
(21) 2021201533 (22) 10.03.2021  
(54) Sterilization units, systems, and methods

(51) Int. Cl.  
**A61L 2/10** ( 2006.01 )  
**A61L 2/08** ( 2006.01 )  
(43) 25.03.2021  
(62) 2019204237  
(72) ROMO, Luis Fernando; CINOGLU, Arto; MOSES, David  
(74) Spruson & Ferguson

(71) redpath, r.; Redpath, J.  
(11) AU-A-2019229371  
(21) 2019229371 (22) 11.09.2019  
(54) A METHOD AND APPARATUS FOR A LASER BEAM DIFFUSER

(51) Int. Cl.  
**A01G 7/04** ( 2006.01 )  
**A01G 9/24** ( 2006.01 )  
**G02B 5/02** ( 2006.01 )  
**G02B 5/08** ( 2006.01 )  
(43) 25.03.2021  
(72) redpath, richard; Redpath, James  
(74) richard redpath

(71) redpath, r.  
(11) AU-A-2019229372  
(21) 2019229372 (22) 11.09.2019  
(54) SYSTEM AND METHOD OF MAGNIFYING SPATIAL COHERENT LIGHT THROUGH AN OPTICAL DIFFUSER

(51) Int. Cl.  
**G02B 5/02** ( 2006.01 )  
**F21V 9/00** ( 2018.01 )  
(43) 25.03.2021  
(72) redpath, richard  
(74) richard redpath

Redpath, J. see redpath, r.  
(21) 2019229371

(71) Rheinmetall MAN Military Vehicles Österreich GesmbH  
(11) AU-A-2020323959  
(21) 2020323959 (22) 12.08.2020  
(54) Chassis and commercial vehicle  
(51) Int. Cl.  
**B62D 21/00** ( 2006.01 )  
(31) 10 2019 124 460.9 (32) 11.09.19 (33) DE  
(43) 25.03.2021  
(72) SCHLEGEL, Christoph  
(74) FB Rice Pty Ltd

(71) Rhythm Pharmaceuticals, Inc.  
(11) AU-A-2021201448  
(21) 2021201448 (22) 05.03.2021  
(54) Method of treating melanocortin-4 receptor pathway-associated disorders

(51) Int. Cl.  
**C07K 7/54** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
(43) 25.03.2021  
(62) 2016330772  
(72) SHARMA, Shubh; PLOEG, Leonardus H.T. Van Der; HENDERSON, Bart  
(74) Spruson & Ferguson

(71) RMH Tech LLC  
(11) AU-A-2021201458  
(21) 2021201458 (22) 08.03.2021  
(54) Photovoltaic module mounting assembly

(51) Int. Cl.  
**E04D 13/18** ( 2018.01 )  
**H01L 23/12** ( 2006.01 )  
(43) 25.03.2021  
(62) 2019210634  
(72) Haddock, Robert M. M.; Haddock, Dustin Marshall Marston  
(74) Allens Patent & Trade Mark Attorneys

(71) Roar Software Pty Ltd  
(11) AU-A-2021201489  
(21) 2021201489 (22) 09.03.2021  
(54) System and Process for generating an internet application  
(51) Int. Cl.  
**G06F 17/00** ( 2019.01 )  
(43) 25.03.2021  
(62) 2015255223  
(72) Liao, Kevin; Yao, Lawrence Xiang; Lin, Jeffrey  
(74) Alder IP Pty Ltd

(71) SanBio, Inc.  
(11) AU-A-2021201433  
(21) 2021201433 (22) 05.03.2021  
(54) Induction medium and methods for stem cell culture and therapy  
(51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**A01N 63/00** ( 2020.01 )  
**C12N 5/02** ( 2006.01 )  
(43) 25.03.2021  
(62) 2015324241  
(72) BETANCOURT, Aline  
(74) FB Rice Pty Ltd

(71) Sandvik Mining and Construction Oy  
(11) AU-A-2020220223  
(21) 2020220223 (22) 24.08.2020  
(54) APPARATUS, METHOD AND SOFTWARE PRODUCT FOR DRILLING SEQUENCE PLANNING  
(51) Int. Cl.  
**E21B 44/00** ( 2006.01 )  
**E21B 7/00** ( 2006.01 )  
(31) 19195649.9 (32) 05.09.19 (33) EP

(43) 25.03.2021  
(72) Jaakkola, Veli-Pekka; Nurminen, Petri  
(74) Phillips Ormonde Fitzpatrick

(71) SCAFFSHIELD PTY LTD  
(11) AU-A-2020227071  
(21) 2020227071 (22) 03.09.2020  
(54) A Lock Mechanism for a Scaffolding Clamp  
(51) Int. Cl.  
**F16B 41/00** ( 2006.01 )  
**E04G 5/00** ( 2006.01 )  
**E04G 7/02** ( 2006.01 )  
**F16B 37/14** ( 2006.01 )  
(31) 2019903279 (32) 05.09.19 (33) AU

(43) 25.03.2021  
(72) SABA, Jason  
(74) Fraser Old & Sohn

(71) Schneider Electric Industries SAS  
(11) AU-A-2020227108  
(21) 2020227108 (22) 04.09.2020  
(54) MULTI-SECONDARY TRANSFORMER  
(51) Int. Cl.  
**H01F 27/28** ( 2006.01 )  
**H01F 5/00** ( 2006.01 )  
**H01F 30/12** ( 2006.01 )  
(31) 1909852 (32) 06.09.19 (33) FR

(43) 25.03.2021  
(72) Nascimento Telles De Moraes, Diogo; Ranalletta, Gianluca; Mercier-Marical, Serge  
(74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS  
(11) AU-A-2020227109  
(21) 2020227109 (22) 04.09.2020  
(54) AUXILIARY ELECTRONIC PROTECTION MODULE AND ASSOCIATED BREAKER DEVICE  
(51) Int. Cl.  
**H01H 83/20** ( 2006.01 )  
**H02H 1/06** ( 2006.01 )  
(31) 1909774 (32) 05.09.19 (33) FR  
(43) 25.03.2021  
(72) Pupin, Thomas; Lebeau, Bernard; Burnot, Claude; Bernard, Jean-Baptiste  
(74) Madderns Pty Ltd

Schuckmann, S. see Cooper, D.  
(21) 2019226285

(71) SenseTime International Pte. Ltd.  
(11) AU-A-2019455811  
(21) 2019455811 (22) 25.09.2019  
(54) Method and apparatus for recognizing sequence in image, electronic device, and storage medium  
(51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
(31) 201910838281.0 (32) 05.09.19 (33) CN  
(43) 25.03.2021  
(72) HU, Wenyang; CAI, Xiaocong; HOU, Jun; Yi, Shuai  
(74) AJ PARK

Applications Open to Public Inspection - Name Index cont'd

(71) Sernova Corporation  
 (11) AU-A-2021201485  
 (21) 2021201485 (22) 09.03.2021  
 (54) Methods and devices for cellular transplantation  
 (51) Int. Cl.  
     **A61L 27/16** ( 2006.01 )  
     **A61L 27/38** ( 2006.01 )  
     **A61L 27/56** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019203457  
 (72) Shohet, Simon; Siroen, Delfina Maria Mazzuca; Toleikis, Phillip Michael; Hasilo, Craig; Haworth, Daniel Nicholas; Leushner, Justin  
 (74) Spruson & Ferguson

(71) ServiceNow, Inc.  
 (11) AU-A-2021201527  
 (21) 2021201527 (22) 10.03.2021  
 (54) Method and system for automated intent mining, classification and disposition  
 (51) Int. Cl.  
     **G06F 40/20** ( 2020.01 )  
     **G10L 15/18** ( 2013.01 )  
 (43) 25.03.2021  
 (62) 2019201891  
 (72) Sapugay, Edwin; Madamala, Anil Kumar; Naboka, Maxim; Sunkara, Srinivas Satya Sai; Santos, Lewis Savio Landry; Subbarao, Murali B.  
 (74) FPA Patent Attorneys Pty Ltd

**Shandong Computer Science Center (National Supercomputing Center in Jinan) see Shandong Institute of Artificial Intelligence**  
 (21) 2020204549

(71) Shandong Institute of Artificial Intelligence; Shandong Computer Science Center (National Supercomputing Center in Jinan)  
 (11) AU-A-2020204549  
 (21) 2020204549 (22) 08.07.2020  
 (54) Multi-View Three-Dimensional Model Retrieval Method Based on Non-Local Graph Convolutional Network  
 (51) Int. Cl.  
     **G06N 3/02** ( 2006.01 )  
     **G06F 16/55** ( 2019.01 )  
     **G06F 16/583** ( 2019.01 )  
     **G06K 9/62** ( 2006.01 )  
 (31) 201910848660.8 (32) 09.09.19 (33) CN  
 (43) 25.03.2021  
 (72) GAO, Zan; LI, Yinmin; CHENG, Zhiyong; CHEN, Da; SHU, Minglei; NIE, Liqiang  
 (74) Eagar & Associates Pty Ltd

(71) SharkNinja Operating LLC  
 (11) AU-A-2021201452  
 (21) 2021201452 (22) 05.03.2021  
 (54) SURFACE CLEANING HEAD FOR VACUUM CLEANER  
 (51) Int. Cl.

**A47L 5/30** ( 2006.01 )  
**A47L 9/04** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2018321947  
 (72) Johnson, Owen R.; Thorne, Jason B.; Hutchinson, Peter; Meyer, Daniel; Cleary, Patrick; Udy, Adam; Freese, John; Innes, Daniel J.; Brown, Andre D.; Gao, Wenxiu; Der Marderosian, Daniel R.; Ford, Thomas D.; Howes, Gordon  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) SHIMADZU CORPORATION; National Center for Geriatrics and Gerontology  
 (11) AU-A-2021201434  
 (21) 2021201434 (22) 05.03.2021  
 (54) Surrogate biomarker for evaluating intracerebral amyloid beta peptide accumulation and method for analysis thereof  
 (51) Int. Cl.  
     **G01N 33/68** ( 2006.01 )  
     **G01N 33/53** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2015262399  
 (72) KANEKO, Naoki; YANAGISAWA, Katsuhiko  
 (74) Griffith Hack

(71) Skull Shaver, LLC  
 (11) AU-A-2020217385  
 (21) 2020217385 (22) 12.08.2020  
 (54) Pivoting 4 blade razor head  
 (51) Int. Cl.  
     **B26B 19/14** ( 2006.01 )  
 (31) 16/561,292 (32) 05.09.19 (33) US  
 (43) 25.03.2021  
 (72) KULSHRESHTHA, Neel B.  
 (74) Spruson & Ferguson

(71) Slog Pty Ltd  
 (11) AU-A-2021201258  
 (21) 2021201258 (22) 26.02.2021  
 (54) AN ONLINE SYSTEM FOR EMPLOYMENT OF TEMPORARY EMPLOYEES  
 (51) Int. Cl.  
     **G06Q 10/06** ( 2012.01 )  
 (43) 25.03.2021  
 (62) 2018282481  
 (72) LEONIDAS, Patrick  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Snap-on Incorporated  
 (11) AU-A-2020217407  
 (21) 2020217407 (22) 13.08.2020  
 (54) Electronic torque wrench with interchangeable battery  
 (51) Int. Cl.  
     **B25B 23/142** ( 2006.01 )  
     **B25F 5/02** ( 2006.01 )  
 (31) 16/563,002 (32) 06.09.19 (33) US  
 (43) 25.03.2021  
 (72) BENDORF, Scott A.  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-A-2021201471  
 (21) 2021201471 (22) 08.03.2021  
 (54) System and method for indicating torque  
 (51) Int. Cl.  
     **B25B 23/142** ( 2006.01 )  
     **B25B 23/159** ( 2006.01 )  
     **G01L 5/24** ( 2006.01 )  
     **G08B 21/18** ( 2006.01 )  
     **H04W 88/02** ( 2009.01 )  
 (43) 25.03.2021  
 (62) 2019202501  
 (72) KING, Jerry A.; LEE, Nathan J.; REYNERTSON, Donald J.  
 (74) Griffith Hack

(71) Splunk Inc.  
 (11) AU-A-2021201512  
 (21) 2021201512 (22) 10.03.2021  
 (54) DATA STREAM PROCESSING LANGUAGE FOR ANALYZING INSTRUMENTED SOFTWARE  
 (51) Int. Cl.  
     **G06F 11/08** ( 2006.01 )  
     **G06F 11/26** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2015364688  
 (72) Mukherji, Arijit; Liu, Phillip; Raman, Rajesh; Grandy, Kris  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) SPR Therapeutics, Inc.  
 (11) AU-A-2021201461  
 (21) 2021201461 (22) 08.03.2021  
 (54) SYSTEMS AND METHODS RELATED TO THE TREATMENT OF BACK PAIN  
 (51) Int. Cl.  
     **A61N 1/34** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019236590  
 (72) Wongsarnpigoon, Amorn; Bennett, Maria; Boggs, Joseph; Chae, John; Saulino, Michael F.  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) State Grid East Inner Mongolia Electric Power Co., Ltd. Maintenance Branch; Chongqing University  
 (11) AU-A-2020286252  
 (21) 2020286252 (22) 25.08.2020  
 (54) Multi-soil model-based device for monitoring environment of grounding electrode and measuring ground current  
 (51) Int. Cl.  
     **H01R 4/66** ( 2006.01 )  
 (31) 201910838428.6 (32) 05.09.19 (33) CN  
 (43) 25.03.2021  
 (72) LUO, Hanwu; HAN, Jianjun; YANG, Fan; ZHU, Li; FENG, Xinwen; WANG, Yuandong; CAO, Yongdong; CHEN, Hui; ZHANG, Hailong; GAO, Bing  
 (74) Madderns Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Syngenta Participations AG; Devgen NV  
 (11) AU-A-2021201421  
 (21) 2021201421 (22) 04.03.2021  
 (54) METHODS OF PRESERVING THE BIOLOGICAL ACTIVITY OF RIBONUCLEIC ACIDS  
 (51) Int. Cl.  
     **A01N 63/10** ( 2020.01 )  
     **C12N 15/10** ( 2006.01 )  
     **C12N 15/113** ( 2010.01 )  
 (43) 25.03.2021  
 (62) 2016335158  
 (72) Feldmann, Pascale; Fowler, Jeffrey, David; Maddelein, Wendy; Maillet, Isabelle; Cromheecke, Nina  
 (74) Davies Collison Cave Pty Ltd

(71) Syros Pharmaceuticals, Inc.  
 (11) AU-A-2021201536  
 (21) 2021201536 (22) 10.03.2021  
 (54) Inhibitors of cyclin-dependent kinase 7 (CDK7)  
 (51) Int. Cl.  
     **C07D 417/14** ( 2006.01 )  
     **A61K 31/454** ( 2006.01 )  
     **A61K 31/4545** ( 2006.01 )  
     **A61K 31/519** ( 2006.01 )  
     **A61K 31/53** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07D 487/04** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019222848  
 (72) MARINEAU, Jason J.; PROTT, Kevin; SCHMIDT, Darby  
 (74) Spruson & Ferguson

(71) Tacam Steel Pte Ltd  
 (11) AU-A-2020230239  
 (21) 2020230239 (22) 08.09.2020  
 (54) SEALING ASSEMBLY FOR ACOUSTIC DOORS AND METHOD OF INSTALLING THE SAME  
 (51) Int. Cl.  
     **E06B 7/16** ( 2006.01 )  
     **E06B 3/04** ( 2006.01 )  
     **E06B 5/20** ( 2006.01 )  
 (31) 10201908317P (32) 09.09.19 (33) SG  
 (43) 25.03.2021  
 (72) Shan, Guo Ding  
 (74) Phillips Ormonde Fitzpatrick

(71) Tacam Steel Pte Ltd  
 (11) AU-A-2020230241  
 (21) 2020230241 (22) 08.09.2020  
 (54) COMPOSITE PANEL AND METHOD FOR MANUFACTURING THE SAME  
 (51) Int. Cl.  
     **E04C 2/26** ( 2006.01 )  
     **E04B 1/86** ( 2006.01 )  
     **E04B 1/94** ( 2006.01 )  
     **E06B 5/20** ( 2006.01 )  
 (31) 10201908321V (32) 09.09.19 (33) SG  
 (43) 25.03.2021  
 (72) Shan, Guo Ding  
 (74) Phillips Ormonde Fitzpatrick

(71) Takeda Pharmaceutical Company Limited  
 (11) AU-A-2021201486  
 (21) 2021201486 (22) 09.03.2021  
 (54) A METHOD TO PRODUCE AN IMMUNOGLOBULIN PREPARATION WITH IMPROVED YIELD  
 (51) Int. Cl.  
     **C07K 1/36** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
     **C07K 16/06** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2019200993  
 (72) Bruckschwaiger, Leopold; Svatos, Sonja; Teschner, Wolfgang; Butterweck, Harald Arno; Schwarz, Hans-Peter; Gundinger, Thomas; Koelbl, Bernhard; Grausenburger, Reinhard; Pljevljakovic, Azra; Nüernberger, Julia  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Techtronic Cordless GP  
 (11) AU-A-2020201614  
 (21) 2020201614 (22) 04.03.2020  
 (54) Battery pack for a power tool, battery charger for such battery pack, and power tool for such battery pack  
 (51) Int. Cl.  
     **H01M 50/20** ( 2021.01 )  
     **H01M 50/50** ( 2021.01 )  
 (31) 29/704,570 (32) 05.09.19 (33) US  
     29/704,572 05.09.19 US  
     29/704,580 05.09.19 US  
 (43) 25.03.2021  
 (72) CAGLE, Clint  
 (74) Spruson & Ferguson

(71) The Boeing Company  
 (11) AU-A-2020204074  
 (21) 2020204074 (22) 18.06.2020  
 (54) Laser-etching and machine-vision positioning system  
 (51) Int. Cl.  
     **B23K 26/03** ( 2006.01 )  
     **B23K 26/362** ( 2014.01 )  
 (31) 16/562,387 (32) 05.09.19 (33) US  
 (43) 25.03.2021  
 (72) ASKE, James Alan; BERKEY, Tyler Emerson; MILLER, John Eric  
 (74) Spruson & Ferguson

(71) The Trustees of the University of Pennsylvania  
 (11) AU-A-2021200118  
 (21) 2021200118 (22) 11.01.2021  
 (54) ALTERING GENE EXPRESSION IN MODIFIED T CELLS AND USES THEREOF  
 (51) Int. Cl.  
     **C12N 15/87** ( 2006.01 )  
     **A61K 35/26** ( 2015.01 )  
     **A61P 35/00** ( 2006.01 )

(43) 25.03.2021  
 (62) 2015339743  
 (72) Zhao, Yangbing; Ren, Jiangtao; Liu, Xiaojun; June, Carl H.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The United States of America, as represented by the Secretary, Department of Health & Human Services  
 (11) AU-A-2021201468  
 (21) 2021201468 (22) 08.03.2021  
 (54) PREFUSION RSV F PROTEINS AND THEIR USE  
 (51) Int. Cl.  
     **C07K 14/135** ( 2006.01 )  
     **A61K 38/10** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61K 39/155** ( 2006.01 )  
     **A61P 43/00** ( 2006.01 )  
     **C12N 15/45** ( 2006.01 )  
     **C12N 15/62** ( 2006.01 )

(43) 25.03.2021  
 (62) 2018282476  
 (72) Kwong, Peter D.; Zhou, Tongqing; Yang, Yongping; Chuang, Gwo-yu; Chen, Lei; Boyington, Jeffrey; Pancera, Marie; Soto, Cinque; Srivatsan, Sanjay; Stewart-Jones, Guillaume; Graham, Barney S.; McLellan, Jason S.; Joyce, Michael Gordon; Kanekiyo, Masaru; Zhang, Baoshan; Ofek, Gilad; Sastry, Mallika; Chen, Man; Gorman, Jason; Georgiev, Ivelin Stefanov  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) TOGNELA, M.  
 (11) AU-A-2020230297  
 (21) 2020230297 (22) 10.09.2020  
 (54) Collection System and Reservoir Therefor  
 (51) Int. Cl.  
     **E03B 3/03** ( 2006.01 )  
     **E04D 13/04** ( 2006.01 )  
 (31) 2019903359 (32) 10.09.19 (33) AU  
 (43) 25.03.2021  
 (72) TOGNELA, Murray  
 (74) WRAYS PTY LTD

(71) TuSimple, Inc.  
 (11) AU-A-2020220080  
 (21) 2020220080 (22) 18.08.2020  
 (54) Techniques to compensate for movement of sensors in a vehicle  
 (51) Int. Cl.  
     **G05D 1/02** ( 2020.01 )  
 (31) 16/565,331 (32) 09.09.19 (33) US  
 (43) 25.03.2021  
 (72) CAMYRE, Alan; SKINNER, Todd; NING, Juexiao; LI, Qiwei; LIU, Yishi  
 (74) FB Rice Pty Ltd

(71) UBE Industries, Ltd.  
 (11) AU-A-2021201479  
 (21) 2021201479 (22) 09.03.2021  
 (54) Cell culture module

Applications Open to Public Inspection - Name Index cont'd

- (51) Int. Cl.  
**C12M 3/00** ( 2006.01 )  
 (43) 25.03.2021  
 (62) 2017303598  
 (72) Hagihara, Masahiko; Fuse, Shinsaku;  
 Shimizu, Motohisa; Wada, Yukinori  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (31) 201910849712.3 (32) 09.09.19 (33) CN  
 (43) 25.03.2021  
 (72) ZHU, Wuchuan  
 (74) A.P.T. Patent and Trade Mark Attorneys

- (71) Waymo LLC  
 (11) AU-A-2021201402  
 (21) 2021201402 (22) 03.03.2021  
 (54) DETECTING AND RESPONDING  
 TO TRAFFIC REDIRECTION FOR  
 AUTONOMOUS VEHICLES  
 (51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
 (43) 25.03.2021  
 (62) 2018361251  
 (72) SILVER, David Herrison; CHAUDHARI,  
 Pankaj  
 (74) RnB IP Pty Ltd
- 
- (71) Wonderland Switzerland AG  
 (11) AU-A-2020230281  
 (21) 2020230281 (22) 10.09.2020  
 (54) Child safety seat  
 (51) Int. Cl.  
**B60R 21/015** ( 2006.01 )  
**B60N 2/26** ( 2006.01 )  
 (31) 201910855970.2 (32) 10.09.19 (33) CN  
 (43) 25.03.2021  
 (72) GUO, Zheng-Wen  
 (74) FB Rice Pty Ltd

- (71) WUYI University  
 (11) AU-A-2019433218  
 (21) 2019433218 (22) 08.10.2019  
 (54) Method for analyzing dynamic charac-  
 teristic of EEG Functional connectivity  
 related to driving fatigue  
 (51) Int. Cl.  
**A61B 5/372** ( 2021.01 )  
**A61B 5/18** ( 2006.01 )  
**A61B 5/369** ( 2021.01 )  
**G06K 9/62** ( 2006.01 )  
 (31) 201910859394.9 (32) 11.09.19 (33) CN  
 (43) 25.03.2021  
 (72) WANG, Hongtao; LIU, Xucheng; LI,  
 Ting; TANG, Cong; PEI, Zi'an; YUE,  
 Hongwei; CHEN, Peng; XU, Tao  
 (74) Patenteur Pty Ltd
- 
- ZHEJIANG JINKO SOLAR CO., LTD see  
 Jinko Green Energy (Shanghai) Manage-  
 ment Co., LTD  
 (21) 2021201475

- (71) Zhejiang Yajia Cotton Picker Parts Co.,  
 Ltd.  
 (11) AU-A-2019229410  
 (21) 2019229410 (22) 13.09.2019  
 (54) Cotton Packaging Roll Film and Prepar-  
 ation Method Thereof  
 (51) Int. Cl.  
**B65B 11/02** ( 2006.01 )  
**B65B 27/12** ( 2006.01 )

---

(71) Zhejiang Yajia Cotton Picker Parts Co.,  
 Ltd.  
 (11) AU-A-2019229410  
 (21) 2019229410 (22) 13.09.2019  
 (54) Cotton Packaging Roll Film and Prepar-  
 ation Method Thereof  
 (51) Int. Cl.  
**B65B 11/02** ( 2006.01 )  
**B65B 27/12** ( 2006.01 )

- 
- (71) Zhejiang Yajia Cotton Picker Parts Co.,  
 Ltd.  
 (11) AU-A-2019229410  
 (21) 2019229410 (22) 13.09.2019  
 (54) Cotton Packaging Roll Film and Prepar-  
 ation Method Thereof  
 (51) Int. Cl.  
**B65B 11/02** ( 2006.01 )  
**B65B 27/12** ( 2006.01 )

Numerical Index

2019226266	Ayres, L.	2021201281	Fisher & Paykel Healthcare Limited
2019226285	Cooper, D.; Schuckmann, S.	2021201342	Phosphorex, Inc.
2019226289	Nylec Pty Ltd	2021201386	Gilead Sciences, Inc.
2019229338	Intereach Limited	2021201400	Potrero Medical, Inc.
2019229364	Chen, T.; Han, X.	2021201402	Waymo LLC
2019229371	redpath, r.; Redpath, J.	2021201403	Apple Inc.
2019229372	redpath, r.	2021201405	Landos Biopharma, Inc.
2019229410	Zhejiang Yajia Cotton Picker Parts Co., Ltd.	2021201409	Amgen Inc.
2019316540	Lenkbar, LLC	2021201411	CFPH, LLC
2019433218	WUYI University	2021201412	Angel Playing Cards Co., Ltd.
2019455811	SenseTime International Pte. Ltd.	2021201413	Imagine Intelligent Materials Ltd
2020201607	KE, S.	2021201414	AbbVie Inc.
2020201614	Techtronic Cordless GP	2021201416	Lion Group, Inc.
2020202325	Dongguan Amperex Technology Limited	2021201417	Meso Scale Technologies, LLC
2020202328	Dongguan Amperex Technology Limited	2021201419	Apple Inc.
2020204074	The Boeing Company	2021201421	Syngenta Participations AG; Devgen NV
2020204549	Shandong Institute of Artificial Intelligence; Shandong Computer Science Center (National Supercomputing Center in Jinan)	2021201422	Amgen Inc.
2020205360	Kyungdong Navien Co., Ltd.	2021201424	NOVARTIS AG
2020210133	Covidien LP	2021201428	Commonwealth Scientific and Industrial Research Organisation
2020210135	Covidien LP	2021201430	Pulse IP, LLC
2020210136	Covidien LP	2021201433	SanBio, Inc.
2020210148	Covidien LP	2021201434	SHIMADZU CORPORATION; National Center for Geriatrics and Gerontology
2020210209	LG ELECTRONICS INC.	2021201436	AFI Licensing LLC
2020210275	Deere & Company	2021201438	AFI Licensing LLC
2020213335	Deere & Company	2021201441	Dynamics Inc.
2020213337	Deere & Company	2021201445	Grifols Worldwide Operations Limited
2020217385	Skull Shaver, LLC	2021201446	Becton, Dickinson and Company
2020217407	Snap-on Incorporated	2021201448	Rhythm Pharmaceuticals, Inc.
2020220077	CATERPILLAR INC.	2021201449	Apple Inc.
2020220080	TuSimple, Inc.	2021201451	Dragonfly Therapeutics, Inc.
2020220213	HOEDL, P.	2021201452	SharkNinja Operating LLC
2020220223	Sandvik Mining and Construction Oy	2021201453	Aristocrat Technologies Australia Pty Limited
2020223640	Mitsubishi Electric Corporation	2021201455	ACCESS CLOSURE, INC.
2020223747	Kyungdong Navien Co., Ltd.	2021201458	RMH Tech LLC
2020223748	ABUS August Bremicker Söhne KG	2021201459	Armstrong World Industries, Inc.
2020223782	HOWMEDICA OSTEONICS CORP.	2021201461	SPR Therapeutics, Inc.
2020226985	IrvinGQ Limited	2021201462	Boyle, N.
2020227051	Bruckbauer, W.	2021201463	AbbVie Inc.
2020227071	SCAFFSHIELD PTY LTD	2021201464	Binary Beer Pty Ltd
2020227079	BISSELL Inc.	2021201466	Gardner, G.
2020227096	Pinnacle Climate Technologies	2021201468	The United States of America, as represented by the Secretary, Department of Health & Human Services
2020227108	Schneider Electric Industries SAS	2021201469	Aristocrat Technologies Australia Pty Limited
2020227109	Schneider Electric Industries SAS	2021201471	Snap-on Incorporated
2020227122	Minelab Electronics Pty. Limited	2021201472	British American Tobacco (Investments) Limited
2020227124	Minelab Electronics Pty. Limited	2021201474	Gilead Sciences, Inc.
2020227128	Kyungdong Navien Co., Ltd.	2021201475	Jinko Green Energy (Shanghai) Management Co., LTD; ZHEJIANG JINKO SOLAR CO., LTD
2020230230	Inovus Ltd	2021201476	Netflix, Inc.
2020230232	Hofmann Engineering Pty Ltd	2021201479	UBE Industries, Ltd.
2020230233	Acol Skylights & Roof Windows Pty Ltd	2021201483	Ohuku LLC
2020230239	Tacam Steel Pte Ltd	2021201484	Miltenyi Biotec Technology, INC.
2020230241	Tacam Steel Pte Ltd	2021201485	Sernova Corporation
2020230274	Bambino Prezioso Switzerland AG	2021201486	Takeda Pharmaceutical Company Limited
2020230281	Wonderland Switzerland AG	2021201487	Novartis AG
2020230297	TOGNELA, M.	2021201488	Asahi Intecc Co., Ltd.
2020230304	Emma Sleep GmbH	2021201489	Roar Software Pty Ltd
2020230311	Michail, R.	2021201493	Celgene Corporation
2020230315	Genova Project Solutions Pty Ltd	2021201494	Dragonfly Therapeutics, Inc.
2020230317	Kyungdong Navien Co., Ltd.	2021201497	Auth0, Inc.
2020230325	Dutch Drying Systems B.V.	2021201498	BASF SE
2020286252	State Grid East Inner Mongolia Electric Power Co., Ltd. Maintenance Branch; Chongqing University	2021201499	Nachurs Alpine Solutions, Corp.
2020309093	Apple Inc.	2021201500	Ancestry.com DNA, LLC
2020323959	Rheinmetall MAN Military Vehicles Österreich GesmbH	2021201504	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL); ANOKION SA
2021200118	The Trustees of the University of Pennsylvania	2021201506	Ablynx NV
2021201208	Amicus Therapeutics Inc.		
2021201258	Slog Pty Ltd		

Applications Open to Public Inspection - Numerical Index cont'd

2021201511 BOE Technology Group Co., Ltd.  
2021201512 Splunk Inc.  
2021201527 ServiceNow, Inc.  
2021201528 CFPH, LLC  
2021201529 3M Innovative Properties Company  
2021201532 MERCK PATENT GMBH  
2021201533 PurpleSun Inc.  
2021201534 Exxonmobil Upstream Research Company  
2021201535 Hubbell Incorporated  
2021201536 Syros Pharmaceuticals, Inc.  
2021201537 Ceres, Inc.



IPC Index

<b>A01G 7 /-</b> 2019229371	2021201400	<b>A61P 3 /-</b> 2021201208 2021201448	<b>B60Q 7 /-</b> 2021201462	<b>C07C 61 /-</b> 2021201493	<b>C07K 14 /-</b> 2021201451 2021201468 2021201484
<b>A01G 9 /-</b> 2019229371	<b>A61F 13 /-</b> 2021201529	<b>A61P 31 /-</b> 2021201386 2021201405	<b>B60R 21 /-</b> 2020230281	<b>C07D 213 /-</b> 2021201405	<b>C07K 16 /-</b> 2021201409 2021201422 2021201451 2021201486 2021201487 2021201494 2021201506
<b>A01H 5 /-</b> 2021201537	<b>A61F 2 /-</b> 2020223782	<b>A61P 35 /-</b> 2021200118 2021201536	<b>B62D 21 /-</b> 2020323959	<b>C07D 217 /-</b> 2021201463	
<b>A01N 25 /-</b> 2019226285	<b>A61K 31 /-</b> 2021201208 2021201386 2021201405 2021201414 2021201424 2021201463 2021201474 2021201532 2021201536	<b>A61P 37 /-</b> 2021201486	<b>B64D 1 /-</b> 2020226985	<b>C07D 239 /-</b> 2021201532	
<b>A01N 57 /-</b> 2021201498		<b>A61P 41 /-</b> 2021201445	<b>B64D 17 /-</b> 2020226985	<b>C07D 307 /-</b> 2021201405	<b>C07K 19 /-</b> 2021201484
<b>A01N 59 /-</b> 2019226285		<b>A61P 43 /-</b> 2021201468	<b>B64D 9 /-</b> 2020226985	<b>C07D 401 /-</b> 2021201405 2021201424 2021201532	<b>C07K 7 /-</b> 2021201448
<b>A01N 63 /-</b> 2021201421 2021201433	<b>A61K 35 /-</b> 2021200118	<b>A61P 9 /-</b> 2021201445	<b>B65B 11 /-</b> 2019229410	<b>C07D 403 /-</b> 2021201405 2021201532	<b>C12M 3 /-</b> 2021201479
<b>A01P 13 /-</b> 2019226285	<b>A61K 38 /-</b> 2021201445 2021201448 2021201468	<b>A63F 1 /-</b> 2021201412	<b>B65B 27 /-</b> 2019229410	<b>C07D 405 /-</b> 2021201424	<b>C12N 1 /-</b> 2021201498
<b>A24B 15 /-</b> 2021201472	<b>A61K 39 /-</b> 2021201422 2021201468 2021201486 2021201487 2021201504	<b>A63F 13 /-</b> 2021201453	<b>B65F 3 /-</b> 2020201607	<b>C07D 409 /-</b> 2021201424 2021201532	<b>C12N 15 /-</b> 2021200118 2021201421 2021201468 2021201484 2021201537
<b>A24D 3 /-</b> 2021201472		<b>A63F 9 /-</b> 2021201528	<b>B67D 1 /-</b> 2021201464	<b>C07D 411 /-</b> 2021201424	<b>C12N 5 /-</b> 2021201433 2021201494
<b>A47C 27 /-</b> 2020230304	<b>A61K 47 /-</b> 2021201342 2021201451	<b>B01D 46 /-</b> 2020230325	<b>B82Y 30 /-</b> 2021201430	<b>C07D 413 /-</b> 2021201405 2021201424 2021201532	<b>C12N 9 /-</b> 2021201498
<b>A47C 31 /-</b> 2019226266	<b>A61K 9 /-</b> 2021201208 2021201342	<b>B02C 4 /-</b> 2020230232	<b>B82Y 40 /-</b> 2021201342 2021201430	<b>C07D 417 /-</b> 2021201424 2021201536	<b>C12P 13 /-</b> 2021201498
<b>A47K 10 /-</b> 2019226266	<b>A61L 2 /-</b> 2021201533	<b>B23K 26 /-</b> 2020204074	<b>C01B 25 /-</b> 2021201499	<b>C07D 419 /-</b> 2021201424	<b>C12P 41 /-</b> 2021201498
<b>A47L 11 /-</b> 2020227079	<b>A61L 27 /-</b> 2021201485	<b>B25B 23 /-</b> 2020217407 2021201471	<b>C02F 1 /-</b> 2019226285	<b>C07D 471 /-</b> 2021201532	<b>C12P 9 /-</b> 2021201498
<b>A47L 5 /-</b> 2021201452	<b>A61M 1 /-</b> 2021201529	<b>B25F 5 /-</b> 2020217407	<b>C04B 35 /-</b> 2019226285	<b>C07D 487 /-</b> 2021201474 2021201532 2021201536	<b>D06F 29 /-</b> 2020210209
<b>A47L 9 /-</b> 2020227079 2021201452	<b>A61M 16 /-</b> 2021201281	<b>B26B 19 /-</b> 2020217385	<b>C05B 15 /-</b> 2021201499	<b>C07D 519 /-</b> 2021201474	<b>D06F 31 /-</b> 2020210209
<b>A61B 1 /-</b> 2021201466	<b>A61M 5 /-</b> 2021201446	<b>B32B 27 /-</b> 2021201436 2021201438	<b>C05B 17 /-</b> 2021201499	<b>C07F 9 /-</b> 2021201386	<b>D06F 34 /-</b> 2020210209
<b>A61B 10 /-</b> 2019316540	<b>A61N 1 /-</b> 2021201430 2021201461	<b>B32B 38 /-</b> 2021201436 2021201438	<b>C05C 9 /-</b> 2021201499	<b>C07H 1 /-</b> 2021201474	<b>D06F 37 /-</b> 2020210209
<b>A61B 17 /-</b> 2020210135 2020210136 2020210148 2021201455	<b>A61P 19 /-</b> 2021201424	<b>B32B 7 /-</b> 2021201436 2021201438	<b>C05D 9 /-</b> 2021201499	<b>C07H 11 /-</b> 2021201474	<b>D06F 39 /-</b> 2020210209
<b>A61B 18 /-</b> 2020210133 2021201466	<b>A61P 25 /-</b> 2021201414 2021201445	<b>B60N 2 /-</b> 2020230274 2020230281	<b>C05G 3 /-</b> 2021201499	<b>C07H 15 /-</b> 2021201474	<b>E01F 15 /-</b> 2020230315
<b>A61B 34 /-</b> 2020210135	<b>A61P 29 /-</b> 2021201532	<b>B60P 3 /-</b> 2020220213	<b>C07B 37 /-</b> 2021201493	<b>C07K 1 /-</b> 2021201486	<b>E01F 8 /-</b> 2020230315
<b>A61B 5 /-</b> 2019433218			<b>C07C 2 /-</b> 2021201493		<b>E01F 9 /-</b> 2021201462

Applications Open to Public Inspection - IPC Index cont'd

<b><u>E02F 3 /-</u></b> 2020210275 2020220077	<b><u>F21V 9 /-</u></b> 2019229372	2020220080 2021201402 2021201462	<b><u>G09G 5 /-</u></b> 2020309093	<b><u>H04W 88 /-</u></b> 2021201471
<b><u>E02F 9 /-</u></b> 2020213335 2020213337 2020220077	<b><u>F23K 5 /-</u></b> 2020227096	<b><u>G06F 11 /-</u></b> 2021201512	<b><u>G10L 15 /-</u></b> 2021201527	<b>No IPC Mark</b>
<b><u>E03B 3 /-</u></b> 2020230297	<b><u>F23L 1 /-</u></b> 2020223747	<b><u>G06F 16 /-</u></b> 2020204549	<b><u>G16B 20 /-</u></b> 2021201500	
<b><u>E03F 5 /-</u></b> 2020201607	<b><u>F24C 15 /-</u></b> 2020227051	<b><u>G06F 17 /-</u></b> 2021201489	<b><u>G16B 40 /-</u></b> 2021201500	
<b><u>E03F 7 /-</u></b> 2020201607	<b><u>F24D 17 /-</u></b> 2020230317	<b><u>G06F 21 /-</u></b> 2021201497	<b><u>G16B 5 /-</u></b> 2021201500	
<b><u>E04B 1 /-</u></b> 2020230241	<b><u>F24D 19 /-</u></b> 2020227128	<b><u>G06F 3 /-</u></b> 2021201403 2021201419	<b><u>G16H 40 /-</u></b> 2021201417	
<b><u>E04B 9 /-</u></b> 2021201459	<b><u>F24F 11 /-</u></b> 2020223640	<b><u>G06F 40 /-</u></b> 2021201527	<b><u>H01F 27 /-</u></b> 2020227108	
<b><u>E04C 2 /-</u></b> 2020230241	<b><u>F24F 3 /-</u></b> 2020223640	<b><u>G06F 9 /-</u></b> 2021201449 2021201497	<b><u>H01F 30 /-</u></b> 2020227108	
<b><u>E04D 13 /-</u></b> 2020230233 2020230297 2021201458	<b><u>F24H 1 /-</u></b> 2020227128	<b><u>G06K 9 /-</u></b> 2019229364 2019433218 2019455811 2020204549	<b><u>H01H 1 /-</u></b> 2021201535	
<b><u>E04D 3 /-</u></b> 2020230233	<b><u>F24H 3 /-</u></b> 2020227096	<b><u>G06N 3 /-</u></b> 2020204549	<b><u>H01H 31 /-</u></b> 2021201535	
<b><u>E04G 5 /-</u></b> 2020227071	<b><u>F24H 9 /-</u></b> 2020205360 2020223747	<b><u>G06Q 10 /-</u></b> 2019229338 2021201258	<b><u>H01H 83 /-</u></b> 2020227109	
<b><u>E04G 7 /-</u></b> 2020227071	<b><u>F25J 1 /-</u></b> 2021201534	<b><u>G06Q 30 /-</u></b> 2021201483	<b><u>H01L 23 /-</u></b> 2021201458	
<b><u>E05B 67 /-</u></b> 2020223748	<b><u>G01C 11 /-</u></b> 2021201428	<b><u>G06Q 40 /-</u></b> 2020230311 2021201411 2021201441	<b><u>H01L 27 /-</u></b> 2021201511	
<b><u>E06B 3 /-</u></b> 2020230239	<b><u>G01C 21 /-</u></b> 2020213337 2021201449	<b><u>G06Q 50 /-</u></b> 2019229338	<b><u>H01L 29 /-</u></b> 2021201488	
<b><u>E06B 5 /-</u></b> 2020230239 2020230241	<b><u>G01L 5 /-</u></b> 2021201471	<b><u>G06Q 90 /-</u></b> 2019229338	<b><u>H01L 31 /-</u></b> 2021201475	
<b><u>E06B 7 /-</u></b> 2020230239	<b><u>G01N 33 /-</u></b> 2021201208 2021201434 2021201506	<b><u>G06T 7 /-</u></b> 2020213337	<b><u>H01M 4 /-</u></b> 2021201413	
<b><u>E21B 44 /-</u></b> 2020220223	<b><u>G01R 33 /-</u></b> 2021201488	<b><u>G07F 17 /-</u></b> 2021201469	<b><u>H01M 50 /-</u></b> 2020201614 2020202325 2020202328	
<b><u>E21B 7 /-</u></b> 2020220223	<b><u>G01S 13 /-</u></b> 2021201428	<b><u>G08B 21 /-</u></b> 2021201471 2021201483	<b><u>H01R 4 /-</u></b> 2020286252	
<b><u>F04B 23 /-</u></b> 2020201607	<b><u>G01V 3 /-</u></b> 2020227122 2020227124	<b><u>G08G 1 /-</u></b> 2021201462	<b><u>H02B 1 /-</u></b> 2019226289	
<b><u>F04C 13 /-</u></b> 2020201607	<b><u>G02B 5 /-</u></b> 2019229371 2019229372	<b><u>G09B 19 /-</u></b> 2021201416	<b><u>H02G 5 /-</u></b> 2019226289	
<b><u>F16B 37 /-</u></b> 2020227071	<b><u>G05D 1 /-</u></b> 2020213335 2020213337	<b><u>G09B 23 /-</u></b> 2020230230	<b><u>H02H 1 /-</u></b> 2020227109	
<b><u>F16B 41 /-</u></b> 2020227071			<b><u>H04N 19 /-</u></b> 2021201476	

**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters

. (\*\*) Title not given

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

., N.H. see R. S., A.

(21) 2020103771

(71) A, D.; S, M.; J., S.L.; V, P.; K, S.; M.S., N.; G, K.; R, S.; MOHAN, B.K.; D.M, M.; S., K.; V., B.

(11) AU-A-2020104017

(21) 2020104017 (22) 11.12.2020

(54) REDUCTION OF HEAT FLUX AI WATER NANOFUIDS USED TO COOL THE ELECTRONIC PANELS

(51) Int. Cl.

**C09K 5/14** ( 2006.01 )

**B82Y 99/00** ( 2011.01 )

**H02B 1/56** ( 2006.01 )

**H05K 7/20** ( 2006.01 )

(45) 25.03.2021

(72) A., DEVARAJU; S., MANIVANNAN; J., STEPHEN LEON; V., PARANTHAMAN; K., STALIN; M. S., NISHA; G., KALIVARATHAN.; R., SUREKHA; MOHAN, BUDDARAJU KRISHNA; D. M., MADHUVANESAN; S., KALIAPPAN; V., BALAJI

(74) ARUN SUNDARAM

(71) A., J.P.; B., P.; Chandriah, K.K.; N., J.; Srinivas, R.; Narayan, S.; P., S.; M., P.B.; Chakravarthula, R.N.; G., S.S.; Pothuganti, K.; T., S.

(11) AU-A-2020103766

(21) 2020103766 (22) 29.11.2020

(54) Methodology for Optimizing the Performance of Data Learning Convergence with Minimal Computational Steps

(51) Int. Cl.

**G06N 20/10** ( 2019.01 )

(45) 25.03.2021

(72) A, Jothi Prabha; B, Prabhu kavin; Chandriah, Kiran Kumar; N, Jayapandian; Srinivas, Rayudu; Narayan, Subhashini; P., Senthil; M., Ponni Bala; Chakravarthula, Ramgopal Nallan; G., Siva Shanmugam; Pothuganti, Karunakar; T., Subramani

(74) ARUN SUNDARAM

Agarwal, P. see Vaish, A.

(21) 2021100065

Agrawal, A. see Vaish, A.

(21) 2021100065

Al-Atroshi, C. see Galety, M.G.

(21) 2020103911

Almukhtar, F.H. see Galety, M.G.

(21) 2020103911

Ambikapathy, A. see Vaish, A.

(21) 2021100065

(71) ANAND, S.J.; G., B.; K, P.L.; L., K.; M., S.; C., A.B.; DHARMALINGAM, J.; F., A.X.B.; GURUSAMY, R.; S., K.; V., B.; S., A.

(11) AU-A-2021100048

(21) 2021100048 (22) 06.01.2021

(54) Analyzing patient health information based on IoT sensor with AI for improving patient assistance in the future direction

(51) Int. Cl.

**G16H 40/20** ( 2018.01 )

**G16H 10/60** ( 2018.01 )

**G16Y 40/10** ( 2020.01 )

**G08B 21/18** ( 2006.01 )

**G08B 21/24** ( 2006.01 )

(45) 25.03.2021

(72) ANAND, SUJATHA JAMUNA; G., BAVANI; K, PRASANNA LAKSHMI; GURUSAMY, RAVIKUMAR; L., KARTHIKEYAN; M., SIVARATHINABALA; C., AMBIKA BHUVANESWARI; DHARMALINGAM, JAYAKUMAR; F., ANTONY XAVIER BRONSON; S., KALIAPPAN; V., BALAJI; S., ARUN

(74) ARUN SUNDARAM

APARNA, G. see P., S.

(21) 2021100045

Aravindan, D.P. see B, P.

(21) 2021100007

Atmaram Thorat, P. see Pradeep Bhosale, J.

(21) 2021100046

B, A.K. see MOHAMMED, A.

(21) 2020104355

(71) B, P.; M, M.; Mummaneni, S.; Khan, M.; G, V.S.; Aravindan, D.P.; T., S.; Dulles, P.; Debele, D.W.; MM, R.

(11) AU-A-2021100007

(21) 2021100007 (22) 02.01.2021

(54) Deep Learning Based System for the Detection of COVID-19 Infections

(51) Int. Cl.

**G16H 50/20** ( 2018.01 )

**A61B 6/00** ( 2006.01 )

**G06K 9/00** ( 2006.01 )

**G06N 3/08** ( 2006.01 )

**G06T 7/00** ( 2017.01 )

**G06T 7/11** ( 2017.01 )

**G16H 30/40** ( 2018.01 )

**A61B 6/03** ( 2006.01 )

**G06K 9/62** ( 2006.01 )

**G06N 3/04** ( 2006.01 )

**G16H 50/80** ( 2018.01 )

(45) 25.03.2021

(72) B, Prabhu kavin; M, Madijagan; Mummaneni, Sobhana; Khan, Mudassir; G, Venkataramana Sagar; Aravindan, Divya Preetha; T., Subramani; Dulles, Preetha; Debele, Dinku Worku; MM, Ramakrishna

(74) ARUN SUNDARAM

B., P. see A., J.P.

(21) 2020103766

Balasaheb Patil, A. see Pradeep Bhosale, J.

(21) 2021100046

Basheer, D. see R. S., A.

(21) 2020103771

(71) Beijing University of Civil Engineering and Architecture; Shanxi Jiawei New Materials Co., Ltd

(11) AU-A-2021100041

(21) 2021100041 (22) 05.01.2021

(54) Polycarboxylic Acid-modified Graphene Oxide Compound As Well As Preparation Method and Application Thereof

(51) Int. Cl.

**C08F 292/00** ( 2006.01 )

**C04B 24/24** ( 2006.01 )

**C01B 32/194** ( 2017.01 )

**C04B 103/32** ( 2006.01 )

(45) 25.03.2021

(72) Wang, Qin; Li, Shi yu; Wang, Yingwei; Wang, Hongwei; Wang, Jian

(74) Alder IP Pty Ltd

Bhoi, A.K. see Mallick, P.

(21) 2021100050

(71) Bond, B.J.

(11) AU-A-2017101898

(21) 2017101898 (22) 10.03.2017

(54) Scissor holster

(51) Int. Cl.

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

**B26B 29/04** ( 2006.01 )  
**A45F 5/02** ( 2006.01 )  
**B26B 13/00** ( 2006.01 )  
**(31)** 2016900916 **(32)** 11.03.16 **(33)** AU  
**(45)** 25.03.2021  
**(72)** Bond, Bradley James  
**(74)** Griffith Hack

**C., A.B. see ANAND, S.J.**  
**(21)** 2021100048

**Chae, G.S. see Mallick, P.**  
**(21)** 2021100050

**Chakraborty, S. see Chandra Panda, R.**  
**(21)** 2021100059

**Chakravarthula, R.N. see A., J.P.**  
**(21)** 2020103766

**Chakravarthula, R.N. see P, M.**  
**(21)** 2020104076

**(71)** Chandra Panda, R.; Raja, R.;  
 Chakraborty, S.; Sharma, N.; Sharma,  
 K.; Kumar Shukla, P.; Yadav, R.; Gupta,  
 S.; Singh Kushwaha, A.K.; Singh, R.;  
 Srivastava, S.C.; Kumar Singh, M.

**(11)** AU-A-2021100059  
**(21)** 2021100059 **(22)** 06.01.2021  
**(54)** SELF-CLEANING AND GERM-  
 KILLING REVOLVING PUBLIC TOILET  
 FOR COVID 19

**(51)** Int. Cl.  
**E03D 9/00** ( 2006.01 )  
**E03D 11/12** ( 2006.01 )  
**E03D 5/10** ( 2006.01 )

**(45)** 25.03.2021  
**(72)** Chandra Panda, Ramesh; Raja, Ro-  
 hit; Chakraborty, Sudeshna; Sharma,  
 Nitin; Sharma, Kanchan; Kumar Shukla,  
 Praveen; Yadav, Ruchi; Gupta, Shikha;  
 Singh Kushwaha, Alok Kumar; Singh,  
 Ramesh; Srivastava, Sharad Chandra;  
 Kumar Singh, Mukesh  
**(74)** Blessen Skariah Thomas

**Chandriah, K.K. see A., J.P.**  
**(21)** 2020103766

**Chandriah, K.K. see R. S., A.**  
**(21)** 2020103771

**CHERUVU, A. see Vallurupalli Nageswara  
 Rao Vignana Jyothi Institute of Engineer-  
 ing And Technology**  
**(21)** 2021100026

**(71)** China University of Mining and Techno-  
 logy; Xinjiang Institute of Engineering  
**(11)** AU-A-2021100069

**(21)** 2021100069 **(22)** 07.01.2021  
**(54)** Explosive filling device and explosive  
 filling method for accurately controlling  
 explosive filling amount and explosive  
 filling position

**(51)** Int. Cl.  
**F42D 1/10** ( 2006.01 )  
**F42D 1/12** ( 2006.01 )  
**F42D 3/04** ( 2006.01 )

**(45)** 25.03.2021  
**(72)** XU, Xingliang; TIAN, Suchuan; YANG,  
 Changde; LI, Jinbo; CHEN, Quanjun;  
 SHI, Hao; WANG, Hao; BEI, Yang;  
 ZHANG, Junmin; ZHANG, Weiguang;  
 CHANG, Zhiguo  
**(74)** FB Rice Pty Ltd

**(71)** Cmech (Guangzhou) Ltd.  
**(11)** AU-A-2019101782  
**(21)** 2019101782 **(22)** 02.12.2019  
**(54)** STEEL CABLE STEERING DEVICE,  
 STEEL CABLE STEERING SYSTEM  
 AND LIFTING CABINET

**(51)** Int. Cl.  
**A47B 51/00** ( 2006.01 )  
**A47B 67/04** ( 2006.01 )

**(31)** 201910718438.6 **(32)** 05.08.19 **(33)** CN  
 201921261566.4 05.08.19 CN  
 201910718446.0 05.08.19 CN  
 201910717730.6 05.08.19 CN  
 16/695,850 26.11.19 US  
 16/695,655 26.11.19 US  
 16/695,659 26.11.19 US  
 16/695,789 26.11.19 US

**(45)** 25.03.2021  
**(72)** QIU, Jia Sen  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**D, A.K. see N, K.**  
**(21)** 2021100061

**D.M, M. see A, D.**  
**(21)** 2020104017

**D.M., M. see I, I.M.P.**  
**(21)** 2020103825

**(71)** Dalext Products Pty Ltd  
**(11)** AU-A-2021100062  
**(21)** 2021100062 **(22)** 06.01.2021  
**(54)** Winch Side Cover

**(51)** Int. Cl.  
**G09F 3/18** ( 2006.01 )  
**B66D 1/04** ( 2006.01 )

**(45)** 25.03.2021  
**(62)** 2018100927  
**(72)** Lekkas, Athan  
**(74)** LESICAR MAYNARD ANDREWS PTY  
 LTD

**Das, P. see Rahmani, M.S.**  
**(21)** 2021100023

**David, S. see R. S., A.**

**(21)** 2020103771

**Debele, D.W. see B, P.**  
**(21)** 2021100007

**DHARMALINGAM, J. see ANAND, S.J.**  
**(21)** 2021100048

**(71)** Dongguan Good-Tech Design Consult-  
 ing Co., Ltd.

**(11)** AU-A-2021100070  
**(21)** 2021100070 **(22)** 07.01.2021  
**(54)** DRIVING MECHANISM FOR FASTEN-  
 ER DRIVING MACHINE

**(51)** Int. Cl.  
**B25C 5/13** ( 2006.01 )  
**B25C 1/04** ( 2006.01 )

**(31)** 202010283608.5 **(32)** 13.04.20 **(33)** CN  
**(45)** 25.03.2021  
**(72)** Xu, Ying  
**(74)** Remarkable IP

**(71)** Dongguan Good-Tech Design Consult-  
 ing Co., Ltd.

**(11)** AU-A-2021100071  
**(21)** 2021100071 **(22)** 07.01.2021  
**(54)** DOUBLE-CAM FASTENER DRIVING  
 MACHINE

**(51)** Int. Cl.  
**B25C 5/13** ( 2006.01 )  
**B25C 1/04** ( 2006.01 )  
**B25C 7/00** ( 2006.01 )

**(31)** 202010283618.9 **(32)** 13.04.20 **(33)** CN  
**(45)** 25.03.2021  
**(72)** Xu, Ying  
**(74)** Remarkable IP

**Dulles, P. see B, P.**  
**(21)** 2021100007

**F, A.X.B. see ANAND, S.J.**  
**(21)** 2021100048

**G, K. see A, D.**  
**(21)** 2020104017

**G, V.S. see B, P.**  
**(21)** 2021100007

**G., S.S. see A., J.P.**  
**(21)** 2020103766

**G., R. see R. S., A.**  
**(21)** 2020103771

**G., B. see ANAND, S.J.**  
**(21)** 2021100048

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

(71) Galety, M.G.; Almkhtar, F.H.; Rofoo, F.F.H.; Al-Atroushi, C.; Josephine, E.  
 (11) AU-A-2020103911  
 (21) 2020103911 (22) 06.12.2020  
 (54) A Cloud Based AI Enabled Security and Safety System for Protecting the Vehicle Drivers and Passengers During the Journey  
 (51) Int. Cl.  
**G08B 25/10** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G07C 5/00** ( 2006.01 )  
**H04W 4/44** ( 2018.01 )  
 (45) 25.03.2021  
 (72) Galety, Mohammad Gouse; Almkhtar, Firas Husham; Rofoo, Fanar Fareed Hanna; Al-Atroushi, Chia; Josephine, Emilda  
 (74) ARUN SUNDARAM

**Gangwar, P.K. see P, M.**  
 (21) 2020104076

**Goswami, G. see Vaish, A.**  
 (21) 2021100065

(71) Govindarajan, S.  
 (11) AU-A-2020104353  
 (21) 2020104353 (22) 27.12.2020  
 (54) AN ECO-FRIENDLY APPROACH TO THE WATER DISPENSER  
 (51) Int. Cl.  
**B67D 1/08** ( 2006.01 )  
 (45) 25.03.2021  
 (72) Govindarajan, Sanjay  
 (74) Sanjay Govindarajan

**Goyal, R.K. see Rahmani, M.S.**  
 (21) 2021100023

(71) GRAPHIC ERA DEEMED TO BE UNIVERSITY  
 (11) AU-A-2020104189  
 (21) 2020104189 (22) 18.12.2020  
 (54) SMART HEALTH MONITORING SYSTEM  
 (51) Int. Cl.  
**G16H 50/20** ( 2018.01 )  
 (31) 202011053677 (32) 10.12.20 (33) IN  
 (45) 25.03.2021  
 (72) MOHAMMAD, WAZID; SINGH, DEVESH PRATAP; PANT, BHASKAR  
 (74) LAMINAR IP PTY LTD

(71) Guizhou University  
 (11) AU-A-2021100055  
 (21) 2021100055 (22) 06.01.2021  
 (54) A physical method for reducing N-hydroxyacetylneuraminic acid in red meat  
 (51) Int. Cl.  
**A23L 13/70** ( 2016.01 )  
**A23L 5/30** ( 2016.01 )

(45) 25.03.2021  
 (72) Zhu, Qiuji; Xu, Aqi; Chang, Rui; Li, Hongying  
 (74) Alder IP Pty Ltd

**Gupta, S. see Chandra Panda, R.**  
 (21) 2021100059

**GURUSAMY, R. see ANAND, S.J.**  
 (21) 2021100048

**H. Yadav, P. see Pradeep Bhosale, J.**  
 (21) 2021100046

(71) Hangzhou Fudemin Biotechnology Co., Ltd.  
 (11) AU-A-2021100068  
 (21) 2021100068 (22) 07.01.2021  
 (54) TEST STRIP FOR MILK IMMUNO-FLUORESCENCE ASSAY (IFA) AND USE THEREOF  
 (51) Int. Cl.  
**G01N 33/533** ( 2006.01 )  
**C07K 16/44** ( 2006.01 )  
**C07K 17/04** ( 2006.01 )  
**G01N 33/04** ( 2006.01 )  
**G01N 33/558** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (31) 202011243428.0 (32) 10.11.20 (33) CN  
 (45) 25.03.2021  
 (72) WU, Yong; LI, Xin; MENG, Xuanyi; TONG, Ping; YUAN, Juanli; FENG, Ying  
 (74) AJ Pietras IP Limited

(71) Huazhong Agricultural University  
 (11) AU-A-2021100063  
 (21) 2021100063 (22) 06.01.2021  
 (54) A method for preserving Salmonella choleraesuis vaccine strain and special protective agents thereof  
 (51) Int. Cl.  
**A61K 39/112** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**C12N 1/04** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (45) 25.03.2021  
 (72) Yang, Ligu; Liang, Aixin; Yu, Yaoyao; Liu, Wenhao; Niu, Kaifeng; Wang, Lijun; Liu, Shuang; Wang, Yaping; Jiang, Tingting; Qiao, Tong  
 (74) Shelston IP Pty Ltd.

(71) I, I.M.P.; R, S.; T, L.; T, M.; N.R., S.; T., M.; M., K.; D.M., M.; M., K.; S, A.; S., K.; V, B.  
 (11) AU-A-2020103825  
 (21) 2020103825 (22) 01.12.2020  
 (54) DESIGN FOR PARABOLIC SOLAR PANEL CONTROL SYSTEM WITH VIPER  
 (51) Int. Cl.

**F24S 23/71** ( 2018.01 )  
**F24S 50/20** ( 2018.01 )  
 (45) 25.03.2021  
 (72) I., INFANTA MARY PRIYA; R., SENTHIL; T., LAKSHMANAN; T., MARIDURAI; N. R., SHEELA; T., MAGESH; M., KARTHICK; D. M., MADHUVANESAN; M., KARTHIGAIRAJAN; S., ARUN; S., KALIAPPAN; V., BALAJI  
 (74) ARUN SUNDARAM

**Israr, M. see Rahmani, M.S.**  
 (21) 2021100023

**J., S.L. see A, D.**  
 (21) 2020104017

**Jamader, A.R. see Rahmani, M.S.**  
 (21) 2021100023

**JANAKI, V. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology**  
 (21) 2021100026

(71) Jiangsu Ocean University  
 (11) AU-A-2021100056  
 (21) 2021100056 (22) 06.01.2021  
 (54) CONSTRUCTION METHOD OF STATIC PRESSING AND POST-GROUTING FOR SMALL-DIAMETER MINI-SIZED STEEL PIPE PILE  
 (51) Int. Cl.  
**E02D 7/26** ( 2006.01 )  
**E02D 5/38** ( 2006.01 )  
 (45) 25.03.2021  
 (72) ZONG, Zhongling; ZHAO, Chengkun; CAO, Bo; ZHUANG, Xiaoxuan; LI, Keke; LI, Meng; GU, Jing; LV, Fengwei; WU, Jiangchuan; HUANG, Yunhan; ZHU, Jianguo; ZHANG, Yi  
 (74) Davies Collision Cave Pty Ltd

**JOSEPH, M.K. see P., S.**  
 (21) 2021100045

**Josephine, E. see Galety, M.G.**  
 (21) 2020103911

**Jubilson, A. see S., G.**  
 (21) 2020103910

**K, S. see A, D.**  
 (21) 2020104017

**K, P.L. see ANAND, S.J.**  
 (21) 2021100048

**K, K. see Mallick, P.**  
 (21) 2021100050

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

	(21) 2021100045	
<b>K., M.S. see R. S., A.</b> (21) 2020103771		<b>M., K. see I, I.M.P.</b> (21) 2020103825
	<b>Kumar Goswami, P. see Vaish, A.</b> (21) 2021100065	
<b>K., S. see R. S., A.</b> (21) 2020103771		<b>M., K. see I, I.M.P.</b> (21) 2020103825
	<b>Kumar Shukla, P. see Chandra Panda, R.</b> (21) 2021100059	
<b>K., J. see N, K.</b> (21) 2021100061		<b>M., H. see Suresh, A.</b> (21) 2020104354
	<b>Kumar Singh, M. see Chandra Panda, R.</b> (21) 2021100059	
<b>K. A., K. see Pradeep Bhosale, J.</b> (21) 2021100046	(71) Kunming University of Science and Technology (11) AU-A-2021100044 (21) 2021100044 (22) 05.01.2021 (54) 3D high-precision tunnel gravity exploration method for locating and detecting deeply concealed inclined high-density orebodies (51) Int. Cl. <i>G01V 7/06</i> ( 2006.01 ) (45) 25.03.2021 (72) Han, Runsheng; Li, Wenyao; Cheng, Ruihong; Wang, Jiyu (74) Alder IP Pty Ltd	<b>M., M. see P., S.</b> (21) 2021100045
		<b>M., S. see ANAND, S.J.</b> (21) 2021100048
<b>Kaur, I. see Mallick, P.</b> (21) 2021100050		<b>M. Biradar, D. see Pradeep Bhosale, J.</b> (21) 2021100046
		<b>M.S., N. see A, D.</b> (21) 2020104017
<b>Khan, M. see B, P.</b> (21) 2021100007		
<b>KHAN, A.A. see MOHAMMED, A.</b> (21) 2020104355		
	<b>L., K. see ANAND, S.J.</b> (21) 2021100048	
<b>KIRAN, V.S. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology</b> (21) 2021100026		(71) Mallick, P.; Bhoi, A.K.; Chae, G.S.; Priyadarshi, N.; Pradhan, C.R.; Rao, P.; Kaur, I.; Manna, M.S.; Padhy, N.; Varma, P.S.S.; K, K. (11) AU-A-2021100050 (21) 2021100050 (22) 06.01.2021 (54) MACHINE LEARNING AND IoT BASED AUTONOMOUS CAR JACK (51) Int. Cl. <i>B60S 9/04</i> ( 2006.01 ) <i>B66F 3/44</i> ( 2006.01 ) <i>B66F 3/08</i> ( 2006.01 ) (45) 25.03.2021 (72) Mallick, Pradeep Kumar; Bhoi, Akash Kumar; Chae, Gyoo Soo; Priyadarshi, Neeraj; Pradhan, Chitta Ranjan; Rao, P.V; Kaur, Inderpreet; Manna, Manpreet Singh; Padhy, Neelamadhab; Varma, P. Satya Shekar; K, Krishnamoorthi (74) Pradeep Kumar Mallick
	(71) Linx Technology Pty Ltd (11) AU-A-2019101781 (21) 2019101781 (22) 09.09.2019 (54) Glass Barrier Fastening Assembly (51) Int. Cl. <i>E04F 11/18</i> ( 2006.01 ) (45) 25.03.2021 (72) Polgar, Steven; Doyle, Mark (74) MEYER WEST IP PTY LTD	
<b>Kondaveeti, H.K. see S., G.</b> (21) 2020103910		
(71) Kumar, N. (11) AU-A-2021100031 (21) 2021100031 (22) 05.01.2021 (54) A USER-CENTRIC APPROACH USING MOBILE APP AND WEB-APPLICATION/WEB-PLATFORM FOR INTELLIGENT MATCHING OF USER MOVEMENTS & LOCATION HISTORY TO INFECTED PERSONS VISIT DATA TO DETECT AND IDENTIFY, IF AND WHEN USER HAS VISITED SAME LOCATION AT SAME TIME IN LAST 14 DAY OR LESS THAN 14 DAYS OR MORE THAN 14 DAYS AND ALERT USER ABOUT POTENTIAL INFECTION. (51) Int. Cl. <i>G06Q 50/26</i> ( 2012.01 ) <i>G16H 50/80</i> ( 2018.01 ) (45) 25.03.2021 (72) Kumar, Naresh (74) Naresh Kumar		
	(71) LIU, B. (11) AU-A-2021100052 (21) 2021100052 (22) 06.01.2021 (54) MICROORGANISM INOCULATION DEVICE (51) Int. Cl. <i>C12M 1/26</i> ( 2006.01 ) (31) 202010762797.4 (32) 31.07.20 (33) CN (45) 25.03.2021 (72) LIU, Binlu; XUE, Lu; JIN, An; Ji, Xiaojie; SHAN, Chunhong; ZHU, Jun (74) Wallington-Dummer	
<b>KUMAR, G.R. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology</b> (21) 2021100026		<b>MANGATHAYARU, N. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology</b> (21) 2021100026
	<b>M, M. see B, P.</b> (21) 2021100007	
		<b>Manna, M.S. see Mallick, P.</b> (21) 2021100050
<b>KUMAR, P.S. see P., S.</b>		<b>Mary, G.A. see P., S.</b> (21) 2021100045
	<b>M., P.B. see A., J.P.</b> (21) 2020103766	
		<b>MM, R. see B, P.</b> (21) 2021100007
	<b>M., S. see R. S., A.</b> (21) 2020103771	<b>MOHAMMED, I.S. see MOHAMMED, A.</b>

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

(21) 2020104355

**MOHAMMED, S. see MOHAMMED, A.**  
(21) 2020104355

(71) MOHAMMED, A.; N, V.G.; KHAN, A.A.; B, A.K.; MOHAMMED, I.S.; MOHAMMED, S.; RAMAVATHU, S.N.

(11) AU-A-2020104355

(21) 2020104355 (22) 28.12.2020

(54) IoT and MACHINE LEARNING BASED POWER QUALITY IMPROVEMENT SYSTEM FOR MICRO-GRID

(51) Int. Cl.

*H02J 1/02* ( 2006.01 )

*G05B 19/042* ( 2006.01 )

*H02J 13/00* ( 2006.01 )

(45) 25.03.2021

(72) N., VASANTHA GOWRI; KHAN, AMER ALI; B., ANIL KUMAR; MOHAMMED, IMRAN SHARIEFF; MOHAMMED, SAJID; RAMAVATHU, SRINU NAIK; MOHAMMED, ARSHAD

(74) ARSHAD MOHAMMED

**MOHAN, B.K. see A, D.**

(21) 2020104017

**M S, M. see N, K.**

(21) 2021100061

**Mummaneni, S. see B, P.**

(21) 2021100007

**N, V.G. see MOHAMMED, A.**

(21) 2020104355

**N, M.I. see N, K.**

(21) 2021100061

(71) N, K.; D, A.K.; N, M.I.; K., J.; M S, M.; R, Y.G.; S, N.D.; V, P.

(11) AU-A-2021100061

(21) 2021100061 (22) 06.01.2021

(54) Work Environment Human Health Analysis and Automated Prediction using Machine Learning Techniques

(51) Int. Cl.

*G16H 50/20* ( 2018.01 )

*G06N 20/00* ( 2019.01 )

(45) 25.03.2021

(72) N, Kamal; D, ABDUL KAREEM; N, MOHAMED IMTIAZ; K., JAGADEESH; M S, MAHARAJAN; R, YOGAN GANDHI; S, NARMADHA DEVI; V, PRIYA

(74) ARUN SUNDARAM

**N., J. see A., J.P.**

(21) 2020103766

**N., M. see Suresh, A.**

(21) 2020104354

**N.R., S. see I, I.M.P.**

(21) 2020103825

**Nagnath Sachane, M. see Pradeep Bhosale, J.**

(21) 2021100046

**Nair, R.R. see Suresh, A.**

(21) 2020104354

**NALLURI, S. see P., S.**

(21) 2021100045

**Narayan, S. see A., J.P.**

(21) 2020103766

**Neeba, E.A. see Suresh, A.**

(21) 2020104354

(71) P, M.; Pattanaik, B.; Chakravarthula, R.N.; Rawat, V.S.; Gangwar, P.K.; Singh, S.S.; Pattnaik, M.; T., S.

(11) AU-A-2020104076

(21) 2020104076 (22) 14.12.2020

(54) Method for Predicting the Remaining Life Time of a Bridge

(51) Int. Cl.

*E01D 1/00* ( 2006.01 )

*G06Q 50/08* ( 2012.01 )

(45) 25.03.2021

(72) Manikandan, P.; Priyanka, S.; Rajan, J. Karthick; Narashimhan, P.; Ab,iram, A.

(74) Arun S

**P, S. see A., J.P.**

(21) 2020103766

(71) P., S.; M., M.; SANKRITI, R.; APARNA, G.; Mary, G.A.; Rao, M.V.R.; Sumana, G.; KUMAR, P.S.; JOSEPH, M.K.; NALLURI, S.

(11) AU-A-2021100045

(21) 2021100045 (22) 05.01.2021

(54) Soil health monitoring using drones and Augmented reality in agricultural Regions

(51) Int. Cl.

*G06K 9/00* ( 2006.01 )

*A01B 79/00* ( 2006.01 )

*G06K 9/62* ( 2006.01 )

*G06T 7/00* ( 2017.01 )

*G06T 7/10* ( 2017.01 )

*G06F 3/01* ( 2006.01 )

*G06K 9/20* ( 2006.01 )

(45) 25.03.2021

(72) P., Saravanan; M., Maheswari; SANKRITI, RAMANARAYAN; APARNA, GIRA; Mary, G Anitha; Rao, Mata Venkata Ramana; Sumana, Gollapalli; KU-

MAR, PALVADI SRINIVAS; JOSEPH, M. KEZIA; NALLURI, SRIKANTH

(74) ARUN SUNDARAM

**P. Kurlekar, S. see Pradeep Bhosale, J.**

(21) 2021100046

**Padhy, N. see Mallick, P.**

(21) 2021100050

**Pattanaik, B. see P, M.**

(21) 2020104076

**Pattnaik, M. see P, M.**

(21) 2020104076

**Pothuganti, K. see A., J.P.**

(21) 2020103766

(71) Pradeep Bhosale, J.; P. Kurlekar, S.; M. Biradar, D.; Nagnath Sachane, M.; Balasaheb Patil, A.; K. A., K.; H. Yadav, P.; Sayyadnaimutulla Husainy, A.; Atmaram Thorat, P.; Shashikant Mali, S.

(11) AU-A-2021100046

(21) 2021100046 (22) 05.01.2021

(54) INTELLIGENT STRUCTURE SYSTEM TO ASSIST PHYSICAL CHALLENGED PERSONS

(51) Int. Cl.

*A61F 5/01* ( 2006.01 )

*A61B 5/00* ( 2006.01 )

*A61B 5/389* ( 2021.01 )

*A61F 2/58* ( 2006.01 )

*A61F 4/00* ( 2006.01 )

*A61H 23/02* ( 2006.01 )

*A61N 2/06* ( 2006.01 )

*B25J 9/00* ( 2006.01 )

*A61H 1/02* ( 2006.01 )

(45) 25.03.2021

(72) Pradeep Bhosale, Jayvardhan; P. Kurlekar, Supriya; M. Biradar, Dhanashri; Nagnath Sachane, Madhuri; Balasaheb Patil, Ajinkya; K. A., Kupade; H. Yadav, Pravin; Sayyadnaimutulla Husainy, Avesahemad; Atmaram Thorat, Pravin; Shashikant Mali, Swapnil

(74) Jayvardhan Pradeep Bhosale

**Pradhan, C.R. see Mallick, P.**

(21) 2021100050

**Priyadarshi, N. see Mallick, P.**

(21) 2021100050

**R, S. see I, I.M.P.**

(21) 2020103825

**R, S. see A, D.**

(21) 2020104017

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

**R, Y.G. see N, K.**  
(21) 2021100061

(71) R. S., A.; David, S.; K., M.S.; K., S.; G., R.; Chandriah, K.K.; T., S.; M., S.; ., N.H.; Basheer, D.; S, S.

(11) AU-A-2020103771

(21) 2020103771 (22) 30.11.2020

(54) Fabrication of Novel Cylindrical Thermosiphon for Effective Heat Transfer and its Performance Analysis Using Machine Learning Approach

(51) Int. Cl.

*F28F 3/02* ( 2006.01 )

*F28D 15/06* ( 2006.01 )

*F28F 3/12* ( 2006.01 )

(45) 25.03.2021

(72) S, Saboor; Vellore Institute of Technology, Aruna Kumar Behura; M., Sivachitra; ., Nasim Hasan; Basheer, Dadapeer; Jyothi Engineering College, Dr. C. Karthik

(74) ARUN SUNDARAM

**RADHAKRISHNA, V. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology**  
(21) 2021100026

(71) Rahmani, M.S.; Yadav, G.S.; Israr, M.; Jamader, A.R.; Goyal, R.K.; Das, P.

(11) AU-A-2021100023

(21) 2021100023 (22) 04.01.2021

(54) LOW COST PORTABLE SHORT CIRCUIT PREVENTION APPARATUS

(51) Int. Cl.

*H02H 1/00* ( 2006.01 )

(45) 25.03.2021

(72) Rahmani, Md Shibli; Yadav, Gun Sagar; Israr, Mohammad; Jamader, Asik Rahman; Goyal, Ravi Kumar; Das, Puja

(74) IP NATION

**Raja, R. see Chandra Panda, R.**  
(21) 2021100059

**RAMAVATHU, S.N. see MOHAMMED, A.**  
(21) 2020104355

**Rao, M.V.R. see P., S.**  
(21) 2021100045

**Rao, P. see Mallick, P.**  
(21) 2021100050

**Rawat, V.S. see P, M.**  
(21) 2020104076

**REDDY, G.S. see Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology**  
(21) 2021100026

**Rofoo, F.F.H. see Galety, M.G.**  
(21) 2020103911

(71) Rooyenburg Pty Ltd

(11) AU-A-2017101899

(21) 2017101899 (22) 15.02.2017

(54) Air conditioning control system

(51) Int. Cl.

*G05D 23/19* ( 2006.01 )

*F24F 11/30* ( 2018.01 )

*F24F 11/46* ( 2018.01 )

*F24F 11/56* ( 2018.01 )

*F24F 11/62* ( 2018.01 )

*F24F 11/63* ( 2018.01 )

*G05B 15/02* ( 2006.01 )

*G06Q 50/06* ( 2012.01 )

*G08C 17/02* ( 2006.01 )

*G08C 23/04* ( 2006.01 )

*F24F 140/60* ( 2018.01 )

(31) 2016900511 (32) 15.02.16 (33) AU

(45) 25.03.2021

(72) Van Rooyen, Conrad Adriaan

(74) Spruson & Ferguson

**S, S. see R S., A.**  
(21) 2020103771

**S, A. see I, I.M.P.**  
(21) 2020103825

**S, K. see S., G.**  
(21) 2020103910

**S, M. see A, D.**  
(21) 2020104017

**S, S. see Suresh, A.**  
(21) 2020104354

**S, N.D. see N, K.**  
(21) 2021100061

**S., K. see I, I.M.P.**  
(21) 2020103825

(71) S., G.; Kondaveeti, H.K.; Jubilson, A.; S, K.

(11) AU-A-2020103910

(21) 2020103910 (22) 06.12.2020

(54) An IoT based Health Care System to find Medical Emergency and Initiate Expert Care

(51) Int. Cl.

*G16H 50/20* ( 2018.01 )

*G06N 3/08* ( 2006.01 )

*G16Y 10/60* ( 2020.01 )

(45) 25.03.2021

(72) S., GOPIKRISHNAN; Kondaveeti, Hari Kishan; Jubilson, Ajith; S., Karthikeyan

(74) ARUN SUNDARAM

**S., K. see A, D.**  
(21) 2020104017

**S., K. see ANAND, S.J.**  
(21) 2021100048

**S., A. see ANAND, S.J.**  
(21) 2021100048

**SANKRITI, R. see P., S.**  
(21) 2021100045

**Sayyadnaimutulla Husainy, A. see Pradeep Bhosale, J.**  
(21) 2021100046

(71) Shandong Institute of Pomology

(11) AU-A-2021100057

(21) 2021100057 (22) 06.01.2021

(54) A plant supporting system for apple

(51) Int. Cl.

*A01G 9/12* ( 2006.01 )

*A01G 17/06* ( 2006.01 )

*A01H 3/00* ( 2006.01 )

(45) 25.03.2021

(72) WANG, Guiping; WANG, Jinzheng; XUE, Xiaomin; CHEN, Ru; HAN, Xueping

(74) Alder IP Pty Ltd

(71) Shanghai Ocean University

(11) AU-A-2021100058

(21) 2021100058 (22) 06.01.2021

(54) Technical Method for Evaluating and Predicting Habitat Suitability for Scomber Japonicus in East China Sea Based on Water Temperature at Different Depths

(51) Int. Cl.

*G06Q 50/02* ( 2012.01 )

*A01K 61/95* ( 2017.01 )

*G06F 17/18* ( 2006.01 )

*G01W 1/00* ( 2006.01 )

(45) 25.03.2021

(72) Yu, Wei; Wen, Jian; Li, Yuesong; He, Yan; Lu, Xinyi

(74) Alder IP Pty Ltd

(71) Shanghai Pulmonary Hospital

(11) AU-A-2021100053

(21) 2021100053 (22) 06.01.2021

(54) METHOD FOR LOCATING PUNCTURE POINT OF LUNG PUNCTURE

(51) Int. Cl.

*A61B 34/10* ( 2016.01 )

*A61B 90/00* ( 2016.01 )

*G01B 15/00* ( 2006.01 )

*A61B 17/34* ( 2006.01 )



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

G06T 7/70 ( 2017.01 )  
**(45)** 25.03.2021  
**(72)** Luo, Jie; Liang, Shuo; Huang, Lihua  
**(74)** Alder IP Pty Ltd

---

**Shanxi Jiawei New Materials Co., Ltd see Beijing University of Civil Engineering and Architecture**  
**(21)** 2021100041

---

**Sharma, N. see Chandra Panda, R.**  
**(21)** 2021100059

---

**Sharma, K. see Chandra Panda, R.**  
**(21)** 2021100059

---

**Shashikant Mali, S. see Pradeep Bhosale, J.**  
**(21)** 2021100046

---

**Singh, S.S. see P, M.**  
**(21)** 2020104076

---

**Singh, R. see Chandra Panda, R.**  
**(21)** 2021100059

---

**Singh Bhadoria, V. see Vaish, A.**  
**(21)** 2021100065

---

**Singh Kushwaha, A.K. see Chandra Panda, R.**  
**(21)** 2021100059

---

**Srinivas, R. see A., J.P.**  
**(21)** 2020103766

---

**Srivastava, S.C. see Chandra Panda, R.**  
**(21)** 2021100059

---

**(71)** Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences  
**(11)** AU-A-2021100028  
**(21)** 2021100028 **(22)** 05.01.2021  
**(54)** One-step multiplex RT-PCR method for simultaneous detection of three pathogens of sugarcane mosaic disease  
**(51)** Int. Cl.  
**C12Q 1/686** ( 2018.01 )  
**C12Q 1/6888** ( 2018.01 )  
**C12Q 1/70** ( 2006.01 )  
**C12R 1/94** ( 2006.01 )  
**(31)** 202010007660.8 **(32)** 05.01.20 **(33)** CN  
**(45)** 25.03.2021  
**(72)** Shan, Hongli; Huang, Yingkun; Wang, Xiaoyan; Li, Jie; Zhang, Rongyue; Cang, Xiaoyan; Yin, Jiong; Luo, Zhiming  
**(74)** IP SOLVED (ANZ) PTY. LTD.

**Sumana, G. see P., S.**  
**(21)** 2021100045

---

**(71)** Suresh, A.; N., M.; Nair, R.R.; Neeba, E.A.; S, S.; M., H.  
**(11)** AU-A-2020104354  
**(21)** 2020104354 **(22)** 27.12.2020  
**(54)** AUTOMATED ENHANCED E-LEARNING SYSTEM FOR ENGINEERING STUDENTS USING IoT  
**(51)** Int. Cl.  
**G09B 5/00** ( 2006.01 )  
**G09B 7/00** ( 2006.01 )  
**(45)** 25.03.2021  
**(72)** Suresh, A.; N., Malarvizhi; Nair, Resmi R.; Neeba, E. A.; S., Sasikala; M., Hemanth  
**(74)** ARUN SUNDARAM

---

**T., S. see A., J.P.**  
**(21)** 2020103766

---

**T., S. see R. S., A.**  
**(21)** 2020103771

---

**T., L. see I, I.M.P.**  
**(21)** 2020103825

---

**T., M. see I, I.M.P.**  
**(21)** 2020103825

---

**T., M. see I, I.M.P.**  
**(21)** 2020103825

---

**T., S. see P, M.**  
**(21)** 2020104076

---

**T., S. see B, P.**  
**(21)** 2021100007

---

**The Fifth Affiliated Hospital of Xinjiang Medical University see The First Affiliated Hospital of Xinjiang Medical University**  
**(21)** 2021100033

---

**(71)** The First Affiliated Hospital of Xinjiang Medical University  
**(11)** AU-A-2021100030  
**(21)** 2021100030 **(22)** 05.01.2021  
**(54)** Intracardiac electrophysiological recording electrode for rats  
**(51)** Int. Cl.  
**A61B 5/283** ( 2021.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/265** ( 2021.01 )  
**(45)** 25.03.2021  
**(72)** Zhang, Ling; Zhou, Xianhui; Wang, Baozhu; Xing, Qiang; Qi, Xinwei; Guo, Baoping; Wang, Mangyuan; Lv, Wenkui; Guo, Yankai  
**(74)** Alder IP Pty Ltd

---

**(71)** The First Affiliated Hospital of Xinjiang Medical University; The Fifth Affiliated Hospital of Xinjiang Medical University  
**(11)** AU-A-2021100033  
**(21)** 2021100033 **(22)** 05.01.2021  
**(54)** Continuous animal electrocardiogram monitoring vest for dogs  
**(51)** Int. Cl.  
**A01K 29/00** ( 2006.01 )  
**A01K 27/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/256** ( 2021.01 )  
**A61B 5/318** ( 2021.01 )  
**A61D 99/00** ( 2006.01 )  
**(45)** 25.03.2021  
**(72)** Zhang, Ling; Cao, Guiqiu; Xing, Shifeng; Zhang, Yaling; Guo, Baoping; Guo, Yankai; Lv, Wenkui; Qi, Xinwei  
**(74)** Alder IP Pty Ltd

---

**(71)** The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University  
**(11)** AU-A-2021100027  
**(21)** 2021100027 **(22)** 05.01.2021  
**(54)** Application of lactic acid and salt thereof in preparing medicine for preventing or treating gastric ulcer  
**(51)** Int. Cl.  
**A61K 31/191** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**(45)** 25.03.2021  
**(72)** Huang, Yingpeng; Xu, Changlong; Zhao, Min; Zhou, Jinhui; Shi, Jiangmin; Chen, Yaoyuan; Lu, Jiahao; Wang, Qinjian; Wang, Fangyan  
**(74)** Alder IP Pty Ltd

---

**V, B. see I, I.M.P.**  
**(21)** 2020103825

---

**V, P. see A, D.**  
**(21)** 2020104017

---

**V, P. see N, K.**  
**(21)** 2021100061

---

**V., B. see A, D.**  
**(21)** 2020104017

---

**V., B. see ANAND, S.J.**  
**(21)** 2021100048

---

**(71)** Vaish, A.; Kumar Goswami, P.; Goswami, G.; Singh Bhadoria, V.; Ambikapathy, A.; Agarwal, P.; Agrawal, A.  
**(11)** AU-A-2021100065  
**(21)** 2021100065 **(22)** 06.01.2021  
**(54)** AN AUTOMATIC SPECTACLES SENSES TO PROTECT EYE FROM EXCESSIVE HARMFUL OPTICAL RADIATIONS

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

- (51) Int. Cl.  
**G02C 11/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**G01J 1/42** ( 2006.01 )  
**G08B 21/02** ( 2006.01 )
- (45) 25.03.2021
- (72) Vaish, Arti; Kumar Goswami, Pankaj; Goswami, Garima; Singh Bhadoria, Vikas; Ambikapathy, A.; Agarwal, Prateek; Agrawal, Amit
- (74) Blessen Skariah Thomas
- 
- (71) Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology; RADHAKRISHNA, V.; CHERUVU, A.; KUMAR, G.R.; JANAKI, V.; REDDY, G.S.; MANGATHAYARU, N.; KIRAN, V.S.
- (11) AU-A-2021100026
- (21) 2021100026 (22) 05.01.2021
- (54) SYSTEM AND METHOD FOR DIAGNOSIS OF DISEASES FROM MEDICAL IMAGES
- (51) Int. Cl.  
**A61B 6/00** ( 2006.01 )  
**A61B 5/055** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**G16H 50/20** ( 2018.01 )  
**G16H 50/70** ( 2018.01 )  
**G06N 20/00** ( 2019.01 )
- (45) 25.03.2021
- (72) RADHAKRISHNA, VANGIPURAM; CHERUVU, ARAVIND; KUMAR, GUNUPUDI RAJESH; JANAKI, VINJAMURI; Aljawarneh, Shadi Abdel Rahman; REDDY, GALI SURESH; MANGATHAYARU, NIMMALA; KIRAN, VANGIPURAM SRAVAN; Rajasekhar, Nuvvusetty; Nagaraja, Arun
- (74) Michael Buck IP
- 
- Varma, P.S.S. see Mallick, P.**
- (21) 2021100050
- 
- (71) Wang, Y.
- (11) AU-A-2021100051
- (21) 2021100051 (22) 06.01.2021
- (54) ANTITUMOR FORMULA AND EXTRACTION METHOD THEREOF
- (51) Int. Cl.  
**A61K 36/07** ( 2006.01 )  
**A61K 31/20** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 31/715** ( 2006.01 )  
**A61K 36/258** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12P 1/00** ( 2006.01 )
- (45) 25.03.2021
- (72) Wang, Yingjie
- (74) Remarkable IP
- 
- (71) Xi'an Jiaotong University
- (11) AU-A-2021100037
- (21) 2021100037 (22) 05.01.2021
- (54) An Ultrasonic Fire Extinguisher
- (51) Int. Cl.  
**A62C 99/00** ( 2010.01 )  
**H04R 1/20** ( 2006.01 )  
**H04R 17/00** ( 2006.01 )
- (45) 25.03.2021
- (72) Wei, Yanju; Yang, Yajing; Liu, Shenghua
- (74) Alder IP Pty Ltd
- 
- (71) Xiamen Water Nymph Sanitary Technology Co., Ltd; ZHOU, H.
- (11) AU-A-2021100032
- (21) 2021100032 (22) 05.01.2021
- (54) Water Outlet Device and Shower
- (51) Int. Cl.  
**E03C 1/086** ( 2006.01 )  
**B05B 1/18** ( 2006.01 )  
**E03C 1/04** ( 2006.01 )  
**E03C 1/084** ( 2006.01 )
- (31) 202020017196.6 (32) 06.01.20 (33) CN
- (45) 25.03.2021
- (72) Zhou, Huaqiang
- (74) Michael Buck IP
- 
- Xinjiang Institute of Engineering see China University of Mining and Technology**
- (21) 2021100069
- 
- Yadav, G.S. see Rahmani, M.S.**
- (21) 2021100023
- 
- Yadav, R. see Chandra Panda, R.**
- (21) 2021100059
- 
- (71) Zhongshan Institute of Modern Industrial Technology of SCUT; Zhongshan Supersense Tech. Ltd
- (11) AU-A-2021100029
- (21) 2021100029 (22) 05.01.2021
- (54) Training Aid Method and Device Based on Multi-data Acquisition
- (51) Int. Cl.  
**A63B 24/00** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61B 5/1455** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )
- (45) 25.03.2021
- (72) Xu, Xiangmin; Shu, Lin; Jiang, Gang
- (74) Alder IP Pty Ltd
- 
- Zhongshan Supersense Tech. Ltd see Zhongshan Institute of Modern Industrial Technology of SCUT**
- (21) 2021100029
- 
- (71) Zhongshiduqing (Shandong) Biotech Co., Ltd.
- (11) AU-A-2021100067
- (21) 2021100067 (22) 07.01.2021
- (54) ACTIVE PEPTIDE CAPABLE OF INHIBITING HELICOBACTER PYLORI (H. PYLORI), AND PREPARATION METHOD AND USE THEREOF
- (51) Int. Cl.  
**C07K 1/12** ( 2006.01 )  
**A61K 38/01** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07K 1/16** ( 2006.01 )  
**C07K 1/34** ( 2006.01 )  
**C07K 1/36** ( 2006.01 )
- (31) 202011526016.8 (32) 22.12.20 (33) CN
- (45) 25.03.2021
- (72) ZHANG, Jiuxun; ZHANG, Xuejun; TIAN, Mingzhan; ZHANG, Xiping; WEI, Wei; WANG, Huijuan; WANG, Fang; GU, Shuai
- (74) AJ Pietras IP Limited
- 
- ZHOU, H. see Xiamen Water Nymph Sanitary Technology Co., Ltd**
- (21) 2021100032

Numerical Index

<b>2017101898</b>	Bond, B.J.	<b>2021100058</b>	Shanghai Ocean University
<b>2017101899</b>	Rooyenburg Pty Ltd	<b>2021100059</b>	Chandra Panda, R.; Raja, R.; Chakraborty, S.; Sharma, N.; Sharma, K.; Kumar Shukla, P.; Yadav, R.; Gupta, S.; Singh Kushwaha, A.K.; Singh, R.; Srivastava, S.C.; Kumar Singh, M.
<b>2019101781</b>	Linix Technology Pty Ltd	<b>2021100061</b>	N, K.; D, A.K.; N, M.I.; K., J.; M S, M.; R, Y.G.; S, N.D.; V, P.
<b>2019101782</b>	Cmech (Guangzhou) Ltd.	<b>2021100062</b>	Dalex Products Pty Ltd
<b>2020103766</b>	A., J.P.; B., P.; Chandriah, K.K.; N., J.; Srinivas, R.; Narayan, S.; P., S.; M., P.B.; Chakravarthula, R.N.; G., S.S.; Pothuganti, K.; T., S.	<b>2021100063</b>	Huazhong Agricultural University
<b>2020103771</b>	R. S., A.; David, S.; K., M.S.; K., S.; G., R.; Chandriah, K.K.; T., S.; M., S.; N.H.; Basheer, D.; S, S.	<b>2021100065</b>	Vaish, A.; Kumar Goswami, P.; Goswami, G.; Singh Bhadoria, V.; Ambikapathy, A.; Agarwal, P.; Agrawal, A. Zhongshiduqing (Shandong) Biotech Co., Ltd.
<b>2020103825</b>	I, I.M.P.; R, S.; T., L.; T., M.; N.R., S.; T., M.; M., K.; D.M., M.; M., K.; S, A.; S., K.; V, B.	<b>2021100066</b>	Hangzhou Fudemin Biotechnology Co., Ltd.
<b>2020103910</b>	S., G.; Kondaveeti, H.K.; Jubilson, A.; S, K.	<b>2021100069</b>	China University of Mining and Technology; Xinjiang Institute of Engineering
<b>2020103911</b>	Galety, M.G.; Almukhtar, F.H.; Rofoo, F.F.H.; Al-Atroshi, C.; Josephine, E.	<b>2021100070</b>	Dongguan Good-Tech Design Consulting Co., Ltd.
<b>2020104017</b>	A, D.; S, M.; J., S.L.; V, P.; K, S.; M.S., N.; G, K.; R, S.; MOHAN, B.K.; D.M, M.; S., K.; V., B.	<b>2021100071</b>	Dongguan Good-Tech Design Consulting Co., Ltd.
<b>2020104076</b>	P, M.; Pattanaik, B.; Chakravarthula, R.N.; Rawat, V.S.; Gangwar, P.K.; Singh, S.S.; Pattnaik, M.; T., S.		
<b>2020104189</b>	GRAPHIC ERA DEEMED TO BE UNIVERSITY		
<b>2020104353</b>	Govindarajan, S.		
<b>2020104354</b>	Suresh, A.; N., M.; Nair, R.R.; Neeba, E.A.; S, S.; M., H.		
<b>2020104355</b>	MOHAMMED, A.; N, V.G.; KHAN, A.A.; B, A.K.; MOHAMMED, I.S.; MOHAMMED, S.; RAMAVATHU, S.N.		
<b>2021100007</b>	B, P.; M, M.; Mummaneni, S.; Khan, M.; G, V.S.; Aravindan, D.P.; T., S.; Dulles, P.; Debele, D.W.; MM, R.		
<b>2021100023</b>	Rahmani, M.S.; Yadav, G.S.; Israr, M.; Jamader, A.R.; Goyal, R.K.; Das, P.		
<b>2021100026</b>	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology; RADHAKRISHNA, V.; CHERUVU, A.; KUMAR, G.R.; JANAKI, V.; REDDY, G.S.; MANGATHAYARU, N.; KIRAN, V.S.		
<b>2021100027</b>	The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University		
<b>2021100028</b>	Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences		
<b>2021100029</b>	Zhongshan Institute of Modern Industrial Technology of SCUT; Zhongshan Supersense Tech. Ltd		
<b>2021100030</b>	The First Affiliated Hospital of Xinjiang Medical University		
<b>2021100031</b>	Kumar, N.		
<b>2021100032</b>	Xiamen Water Nymph Sanitary Technology Co., Ltd; ZHOU, H.		
<b>2021100033</b>	The First Affiliated Hospital of Xinjiang Medical University; The Fifth Affiliated Hospital of Xinjiang Medical University		
<b>2021100037</b>	Xi'an Jiaotong University		
<b>2021100041</b>	Beijing University of Civil Engineering and Architecture; Shanxi Jiawei New Materials Co., Ltd		
<b>2021100044</b>	Kunming University of Science and Technology		
<b>2021100045</b>	P., S.; M., M.; SANKRITI, R.; APARNA, G.; Mary, G.A.; Rao, M.V.R.; Sumana, G.; KUMAR, P.S.; JOSEPH, M.K.; NALLURI, S.		
<b>2021100046</b>	Pradeep Bhosale, J.; P. Kurlekar, S.; M. Biradar, D.; Nagnath Sachane, M.; Balasaheb Patil, A.; K. A., K.; H. Yadav, P.; Sayyadnaimutulla Husainy, A.; Atmaram Thorat, P.; Shashikant Mali, S.		
<b>2021100048</b>	ANAND, S.J.; G., B.; K, P.L.; L., K.; M., S.; C., A.B.; DHARMALINGAM, J.; F., A.X.B.; GURUSAMY, R.; S., K.; V., B.; S., A.		
<b>2021100050</b>	Mallick, P.; Bhoi, A.K.; Chae, G.S.; Priyadarshi, N.; Pradhan, C.R.; Rao, P.; Kaur, I.; Manna, M.S.; Padhy, N.; Varma, P.S.S.; K, K.		
<b>2021100051</b>	Wang, Y.		
<b>2021100052</b>	LIU, B.		
<b>2021100053</b>	Shanghai Pulmonary Hospital		
<b>2021100055</b>	Guizhou University		
<b>2021100056</b>	Jiangsu Ocean University		
<b>2021100057</b>	Shandong Institute of Pomology		

IPC Index

<b><u>A01B 79 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>B05B 1 /-</u></b>	<b><u>C07K 17 /-</u></b>	<b><u>F24S 23 /-</u></b>	2021100029 2021100045
2021100045	2021100053	2021100032	2021100068	2020103825	<b><u>G06N 20 /-</u></b>
<b><u>A01G 17 /-</u></b>	<b><u>A61D 99 /-</u></b>	<b><u>B25C 1 /-</u></b>	<b><u>C08F 292 /-</u></b>	<b><u>F24S 50 /-</u></b>	2020103766 2021100026 2021100061
2021100057	2021100033	2021100070 2021100071	2021100041	2020103825	
<b><u>A01G 9 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>B25C 5 /-</u></b>	<b><u>C09K 5 /-</u></b>	<b><u>F28D 15 /-</u></b>	<b><u>G06N 3 /-</u></b>
2021100057	2021100046	2021100070 2021100071	2020104017	2020103771	2020103910 2021100007
<b><u>A01H 3 /-</u></b>	<b><u>A61F 4 /-</u></b>	<b><u>B25C 7 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>F28F 3 /-</u></b>	<b><u>G06Q 50 /-</u></b>
2021100057	2021100046	2021100071	2021100052	2020103771	2017101899 2020104076 2021100031 2021100058
<b><u>A01K 27 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>F42D 1 /-</u></b>	
2021100033	2021100046	2021100046	2021100063	2021100069	<b><u>G06T 7 /-</u></b>
<b><u>A01K 29 /-</u></b>	<b><u>A61H 1 /-</u></b>	<b><u>B26B 13 /-</u></b>	<b><u>C12P 1 /-</u></b>	<b><u>F42D 3 /-</u></b>	2021100007 2021100026 2021100045 2021100053
2021100033	2021100046	2017101898	2021100051	2021100069	
<b><u>A01K 61 /-</u></b>	<b><u>A61H 23 /-</u></b>	<b><u>B26B 29 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>G01B 15 /-</u></b>	<b><u>G07C 5 /-</u></b>
2021100058	2021100046	2017101898	2021100028	2021100053	2020103911
<b><u>A23L 13 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>B60S 9 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>G01J 1 /-</u></b>	<b><u>G08B 21 /-</u></b>
2021100055	2021100027 2021100051	2021100050	2021100028	2021100065	2021100048 2021100065
<b><u>A23L 5 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>B66D 1 /-</u></b>	<b><u>E01D 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	
2021100055	2021100051	2021100062	2020104076	2021100068	<b><u>G08B 25 /-</u></b>
<b><u>A45F 5 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>B66F 3 /-</u></b>	<b><u>E02D 5 /-</u></b>	<b><u>G01V 7 /-</u></b>	2020103911
2017101898	2021100051 2021100067	2021100050	2021100056	2021100044	<b><u>G08B 17 /-</u></b>
<b><u>A47B 51 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>E02D 7 /-</u></b>	<b><u>G01W 1 /-</u></b>	<b><u>G08C 17 /-</u></b>
2019101782	2021100063	2020104353	2021100056	2021100058	2017101899
<b><u>A47B 67 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>B82Y 99 /-</u></b>	<b><u>E03C 1 /-</u></b>	<b><u>G02C 11 /-</u></b>	<b><u>G08C 23 /-</u></b>
2019101782	2021100063	2020104017	2021100032	2021100065	2017101899
<b><u>A61B 17 /-</u></b>	<b><u>A61N 2 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>E03D 11 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G09B 5 /-</u></b>
2021100053	2021100046	2021100041	2021100059	2017101899	2020104354
<b><u>A61B 34 /-</u></b>	<b><u>A61P 1 /-</u></b>	<b><u>C04B 103 /-</u></b>	<b><u>E03D 5 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G09B 7 /-</u></b>
2021100053	2021100027	2021100041	2021100059	2020104355	2020104354
<b><u>A61B 5 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>E03D 9 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G09F 3 /-</u></b>
2021100026 2021100029 2021100030 2021100033 2021100046 2021100065	2021100067	2021100041	2021100059	2017101899	2021100062
<b><u>A61B 6 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>E04F 11 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G16H 10 /-</u></b>
2021100007 2021100026	2021100051	2021100067	2019101781	2021100058	2021100048
	<b><u>A62C 99 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G16H 30 /-</u></b>
	2021100037	2021100068	2017101899	2021100045	2021100007
	<b><u>A63B 24 /-</u></b>		<b><u>F24F 140 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G16H 40 /-</u></b>
	2021100029		2017101899	2020103911 2021100007 2021100026	2021100048

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

**G16H 50 /-**

2020103910  
2020104189  
2021100007  
2021100026  
2021100031  
2021100061

**G16Y 10 /-**

2020103910

**G16Y 40 /-**

2021100048

**H02B 1 /-**

2020104017

**H02H 1 /-**

2021100023

**H02J 1 /-**

2020104355

**H02J 13 /-**

2020104355

**H04R 1 /-**

2021100037

**H04R 17 /-**

2021100037

**H04W 4 /-**

2020103911

**H05K 7 /-**

2020104017

**No IPC Mark**

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 5Bar Pty Ltd (11) AU-A-2019329931 (21) 2019329931 (22) 28.08.2019 (54) Mechanical linkage (51) Int. Cl. F16H 21/12 ( 2006.01 ) B62M 23/00 ( 2006.01 ) E05D 7/00 ( 2006.01 ) E05D 11/10 ( 2006.01 ) E05F 5/02 ( 2006.01 ) F16H 21/06 ( 2006.01 ) (87) WO2020/041833 (31) 2018903202 (32) 30.08.18 (33) AU (43) 05.03.2020 (72) BARR, Michael Robert (74) Davies Collison Cave Pty Ltd</p>	<p>(87) WO2020/060781 (31) 62/732,329 (32) 17.09.18 (33) US (43) 26.03.2020 (72) GULLA, Stefano V.; THOMPSON, Evan (74) Catalyst Intellectual Property</p>	<p>C07D 405/14 ( 2006.01 ) C07D 413/14 ( 2006.01 ) C07D 487/22 ( 2006.01 ) (87) WO2020/042995 (31) 201810996231.0 (32) 29.08.18 (33) CN 201811407028.1 23.11.18 CN (43) 05.03.2020 (72) CHEN, Yufeng; CHEN, Kaixuan; LI, Pan; LIU, Canfeng; WANG, Ji; QIU, Qingchong; LU, Yang (74) Ellis Terry</p>
<p>(71) 7108789 Manitoba Inc. (11) AU-A-2019319769 (21) 2019319769 (22) 07.08.2019 (54) Depth detection of a soil coulter (51) Int. Cl. G01B 5/18 ( 2006.01 ) A01C 7/20 ( 2006.01 ) A01C 14/00 ( 2006.01 ) G01B 5/28 ( 2006.01 ) (87) WO2020/028985 (31) 62/715,873 (32) 08.08.18 (33) US 62/743,613 10.10.18 US (43) 13.02.2020 (72) EISING, Erik; FORTSYTH, Casey (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) Abiomed, Inc. (11) AU-A-2019321457 (21) 2019321457 (22) 14.08.2019 (54) Expandable introducer sheath for medical device (51) Int. Cl. A61M 29/00 ( 2006.01 ) A61B 17/12 ( 2006.01 ) A61M 39/22 ( 2006.01 ) A61M 60/00 ( 2021.01 ) A61M 25/00 ( 2006.01 ) A61M 25/06 ( 2006.01 ) (87) WO2020/037063 (31) 62/718,681 (32) 14.08.18 (33) US 16/277,378 15.02.19 US (43) 20.02.2020 (72) FISHMAN, Robert; KORKUCH, Christopher, Nason; FANTUZZI, Glen, R.; SHIP, Alexander; SWERCEK, Robert (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Advanced Flexible Composites, Inc. (11) AU-A-2019325244 (21) 2019325244 (22) 20.08.2019 (54) Nonstick cookware and materials, and methods of manufacture and use (51) Int. Cl. A47J 36/02 ( 2006.01 ) C23C 26/00 ( 2006.01 ) (87) WO2020/041299 (31) 62/719,799 (32) 20.08.18 (33) US 62/829,706 05.04.19 US 62/834,189 15.04.19 US (43) 27.02.2020 (72) LEWIS, William Christopher; LEWIS, Barton R.; SMITH, Paul, A.E.; DUNLEA, Kevin Patrick; BAKER, Michael; LEWIS, William James; LEWIS, Barton Roy; GAO, Jian; TERPSTRA, Lambert Allen (74) Spruson &amp; Ferguson</p>
<p>(71) Abbas Mohammad Khan, A. (11) AU-A-2019389856 (21) 2019389856 (22) 04.08.2019 (54) A novel method of producing synthetic lightweight ceramic sand and uses thereof (51) Int. Cl. C04B 18/02 ( 2006.01 ) C04B 33/132 ( 2006.01 ) C04B 33/135 ( 2006.01 ) C04B 35/626 ( 2006.01 ) C09K 8/80 ( 2006.01 ) (87) WO2020/109861 (31) 62/714,677 (32) 04.08.18 (33) US (43) 04.06.2020 (72) ABBAS MOHAMMAD KHAN, Abbas (74) Abbas Khan</p>	<p>(71) Adlai Nortye Biopharma Co., Ltd. (11) AU-A-2019326633 (21) 2019326633 (22) 21.08.2019 (54) High activity sting protein agonist (51) Int. Cl. C07D 498/06 ( 2006.01 ) A61K 31/4188 ( 2006.01 ) A61K 31/5517 ( 2006.01 ) A61P 25/28 ( 2006.01 ) A61P 31/12 ( 2006.01 ) A61P 35/00 ( 2006.01 ) A61P 37/00 ( 2006.01 ) A61P 37/06 ( 2006.01 ) C07D 471/06 ( 2006.01 ) C07D 487/06 ( 2006.01 ) (87) WO2020/038387 (31) 201810973172.5 (32) 24.08.18 (33) CN 201811592949.X 25.12.18 CN (43) 27.02.2020 (72) CHEN, Yufeng; CHEN, Kaixuan; LI, Pan; LIU, Canfeng; WANG, Ji; QIU, Qingchong; LU, Yang (74) Ellis Terry</p>	<p>(71) Aerie Pharmaceuticals, Inc. (11) AU-A-2019337703 (21) 2019337703 (22) 13.09.2019 (54) Aryl cyclopropyl-amino-isoquinoliny amide compounds (51) Int. Cl. A61K 31/4725 ( 2006.01 ) C07D 217/22 ( 2006.01 ) C07D 401/12 ( 2006.01 ) (87) WO2020/056345 (31) 62/731,609 (32) 14.09.18 (33) US 62/738,962 28.09.18 US (43) 19.03.2020 (72) DELONG, Mitchell A.; STURDIVANT, Jill M.; LICHOROWIC, Cynthia L.; KORNILOV, Andriy (74) K&amp;L Gates</p>
<p>(71) Abcuro, Inc. (11) AU-A-2019344524 (21) 2019344524 (22) 06.09.2019 (54) Anti-KLRG1 antibodies (51) Int. Cl. A61K 38/00 ( 2006.01 ) A61P 35/00 ( 2006.01 )</p>	<p>(71) Adlai Nortye Biopharma Co., Ltd. (11) AU-A-2019331993 (21) 2019331993 (22) 22.08.2019 (54) Highly active sting protein agonist compound (51) Int. Cl. C07D 403/14 ( 2006.01 ) A61K 31/4184 ( 2006.01 ) A61P 31/08 ( 2006.01 ) A61P 35/00 ( 2006.01 )</p>	<p>(71) Agersens Pty Ltd (11) AU-A-2019336330 (21) 2019336330 (22) 02.09.2019 (54) System and method for controlling animals (51) Int. Cl. G06F 17/00 ( 2019.01 ) A01K 15/00 ( 2006.01 ) (87) WO2020/047581 (31) 2018903264 (32) 04.09.18 (33) AU</p>

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

- (43) 12.03.2020  
 (72) LEIGH-LANCASTER, Chris; HAYNES, Sally; BHATTACHARYA, Tanusri  
 (74) Griffith Hack
- 
- (71) Agnihotri, D.; Barelli, J.  
 (11) AU-A-2019326038  
 (21) 2019326038 (22) 19.08.2019  
 (54) Energy efficient low-fouling high-recovery reverse osmosis system for brackish water desalination  
 (51) Int. Cl.  
*C02F 1/44* ( 2006.01 )  
*B01D 61/02* ( 2006.01 )  
*B01D 61/12* ( 2006.01 )  
*B01D 63/04* ( 2006.01 )  
*B01D 63/12* ( 2006.01 )  
*B01D 65/02* ( 2006.01 )  
 (87) WO2020/041160  
 (31) 16/105,103 (32) 20.08.18 (33) US  
 (43) 27.02.2020  
 (72) AGNIHOTRI, Dileep Kumar; BARELLI, John Joseph  
 (74) Adams Pluck
- 
- (71) Alcon Inc.  
 (11) AU-A-2019363179  
 (21) 2019363179 (22) 03.10.2019  
 (54) Intraocular gas injector  
 (51) Int. Cl.  
*A61M 5/178* ( 2006.01 )  
*A61F 9/007* ( 2006.01 )  
*A61M 5/19* ( 2006.01 )  
*A61M 5/28* ( 2006.01 )  
*A61M 5/31* ( 2006.01 )  
*A61M 5/315* ( 2006.01 )  
 (87) WO2020/079517  
 (31) 16/165,140 (32) 19.10.18 (33) US  
 (43) 23.04.2020  
 (72) AULD, Jack Robert; LESCOULIE, James; HUCULAK, John Christopher; SOUZA, Marcus Antonio; MCCOLLAM, Christopher  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Aldeyra Therapeutics, Inc.  
 (11) AU-A-2019319740  
 (21) 2019319740 (22) 06.08.2019  
 (54) Polymorphic compounds and uses thereof  
 (51) Int. Cl.  
*C07D 263/52* ( 2006.01 )  
*C07D 263/54* ( 2006.01 )  
*C07D 263/57* ( 2006.01 )  
 (87) WO2020/033344  
 (31) 62/715,078 (32) 06.08.18 (33) US  
 (43) 13.02.2020  
 (72) MACHATHA, Stephen Gitu; LOUGHREY, Jonathan James; MCLACHLAN, Hannah Ruth; SNEDDON, Gregor  
 (74) Spruson & Ferguson
- 
- (71) Allergan, Inc.  
 (11) AU-A-2019325486  
 (21) 2019325486 (22) 20.08.2019
- (54) The use of alpha-2-adrenergic receptor agonists for improving vision  
 (51) Int. Cl.  
*A61K 31/4184* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )  
*A61P 27/10* ( 2006.01 )  
 (87) WO2020/041340  
 (31) 62/720,671 (32) 21.08.18 (33) US  
 (43) 27.02.2020  
 (72) DIBAS, Mohammed; GIL, Daniel W.; CHEN, Wayne; ALCANTARA, Miguel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Altoida Ltd.  
 (11) AU-A-2019334195  
 (21) 2019334195 (22) 04.09.2019  
 (54) Apparatus, method and program for determining a cognitive state of a user of a mobile device  
 (51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/16* ( 2006.01 )  
*G06F 1/16* ( 2006.01 )  
*G06F 3/01* ( 2006.01 )  
*G06F 3/03* ( 2006.01 )  
*G16H 50/20* ( 2018.01 )  
 (87) WO2020/049470  
 (31) 18192686.6 (32) 05.09.18 (33) EP  
 19174607.2 15.05.19 EP  
 (43) 12.03.2020  
 (72) TARNANAS, Ioannis; BÜGLER, Maximilian  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ANDREEV, A.A.  
 (11) AU-A-2019334766  
 (21) 2019334766 (22) 22.10.2019  
 (54) Side bearing  
 (51) Int. Cl.  
*B61F 5/14* ( 2006.01 )  
 (87) WO2020/050753  
 (31) 2018131695 (32) 04.09.18 (33) RU  
 (43) 12.03.2020  
 (72) ANDREEV, Aleksandr Aleksandrovich  
 (74) Churchill Attorneys
- 
- (71) Apple Inc.  
 (11) AU-A-2019338180  
 (21) 2019338180 (22) 30.08.2019  
 (54) User interfaces for simulated depth effects  
 (51) Int. Cl.  
*G06F 3/0484* ( 2013.01 )  
 (87) WO2020/055613  
 (31) 62/729,926 (32) 11.09.18 (33) US  
 PA201870623 24.09.18 DK  
 16/144,629 27.09.18 US  
 (43) 19.03.2020  
 (72) MANZARI, Behkish J.; IVE, Jonathan P.; DYE, Alan C.; SOUZA DOS SANTOS, Andre; PIVONKA, Pavel; SORRENTINO III, William A.; SEELY, Richard David; BAER, Richard L.; BALE, Arathi S.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020309093  
 (21) 2020309093 (22) 11.08.2020  
 (54) Techniques for managing display usage  
 (51) Int. Cl.  
*G09G 5/10* ( 2006.01 )  
 (31) 62/897,959 (32) 09.09.19 (33) US  
 16/584,281 26.09.19 US  
 16/584,445 26.09.19 US  
 PA201970599 26.09.19 DK  
 PA201970598 26.09.19 DK  
 PA201970597 26.09.19 DK  
 PA201970596 26.09.19 DK  
 16/585,714 27.09.19 US  
 16/585,721 27.09.19 US  
 (43) 25.03.2021  
 (72) GUZMAN, Aurelio; AGNOLI, Giovanni M.; BUTCHER, Gary Ian; CHAO, Edward; CHEN, Kevin Will; DYE, Alan C.; EDWARDS, Dylan Ross; FELTON, Nicholas; LEMAY, Stephen O.; NIE, Yiqiang; PAGE, Pani; SUNDSTROM, Matthew J.; WEISS, Jacob Z.; WILLIAMS, Aled Hywel; WILSON, Christopher; LYNCH, Kevin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Applied Lifesciences And Systems LLC  
 (11) AU-A-2019310098  
 (21) 2019310098 (22) 25.07.2019  
 (54) Recirculation system and method  
 (51) Int. Cl.  
*A01K 1/00* ( 2006.01 )  
*A01K 7/02* ( 2006.01 )  
*A01K 39/026* ( 2006.01 )  
 (87) WO2020/023715  
 (31) 62/703,247 (32) 25.07.18 (33) US  
 (43) 30.01.2020  
 (72) WOLFE, Stephen  
 (74) The IP Studio
- 
- (71) Applied Medical Resources Corporation  
 (11) AU-A-2019335013  
 (21) 2019335013 (22) 05.09.2019  
 (54) Electrosurgical generator control system  
 (51) Int. Cl.  
*A61B 18/12* ( 2006.01 )  
*A61B 18/14* ( 2006.01 )  
 (87) WO2020/051369  
 (31) 62/727,195 (32) 05.09.18 (33) US  
 (43) 12.03.2020  
 (72) NGUYEN, Michael; GORIN, Igor; PANG, Joanna  
 (74) Griffith Hack
- 
- (71) Applied Medical Resources Corporation  
 (11) AU-A-2019336199  
 (21) 2019336199 (22) 05.09.2019  
 (54) Electrosurgical generator verification system  
 (51) Int. Cl.  
*A61B 18/12* ( 2006.01 )  
*A61B 18/00* ( 2006.01 )  
*A61B 18/14* ( 2006.01 )  
 (87) WO2020/051343  
 (31) 62/727,176 (32) 05.09.18 (33) US

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

- (43) 12.03.2020  
 (72) ADL, Sean; SOTO, Andrew; GORI, Igor  
 (74) Griffith Hack
- 
- (71) Applied Medical Resources Corporation  
 (11) AU-A-2019343947  
 (21) 2019343947 (22) 20.09.2019  
 (54) Tissue removal containment systems  
 (51) Int. Cl.  
 A61B 90/00 ( 2016.01 )  
 A61B 17/00 ( 2006.01 )
- (87) WO2020/061495  
 (31) 62/734,093 (32) 20.09.18 (33) US  
 (43) 26.03.2020  
 (72) PESCADOR, Cesar; VELASCO, Joel;  
 GARCIA, Megan; PEREZ, Deryk  
 (74) Griffith Hack
- 
- (71) APR Applied Pharma Research S.A..  
 (11) AU-A-2019326896  
 (21) 2019326896 (22) 17.08.2019  
 (54) Methods of normalizing amino acid  
 metabolism  
 (51) Int. Cl.  
 A61P 3/08 ( 2006.01 )  
 A23L 33/175 ( 2016.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 31/198 ( 2006.01 )  
 A61K 31/401 ( 2006.01 )  
 A61K 31/4172 ( 2006.01 )  
 A61P 3/10 ( 2006.01 )
- (87) WO2020/044163  
 (31) 62/725,420 (32) 31.08.18 (33) US  
 (43) 05.03.2020  
 (72) REINER, Alberto; REINER, Giorgio  
 (74) AJ PARK
- 
- (71) Archer Daniels Midland Company  
 (11) AU-A-2019319816  
 (21) 2019319816 (22) 07.08.2019  
 (54) Epimerase enzymes and their use  
 (51) Int. Cl.  
 C12N 9/90 ( 2006.01 )  
 C12P 19/02 ( 2006.01 )
- (87) WO2020/033472  
 (31) 62/716,204 (32) 08.08.18 (33) US  
 (43) 13.02.2020  
 (72) SCHROEDER, William; VENKITASUB-  
 RAMANIAN, Padmesh; GOVINDARA-  
 JAN, Sridhar; WELCH, Mark  
 (74) AJ PARK
- 
- (71) Arenson, L.  
 (11) AU-A-2019312739  
 (21) 2019312739 (22) 05.08.2019  
 (54) Method for discounting a tariff through  
 participation in an interactive wagering  
 system  
 (51) Int. Cl.  
 G06Q 30/02 ( 2012.01 )  
 G06Q 50/34 ( 2012.01 )  
 G07F 17/32 ( 2006.01 )
- (87) WO2020/028900  
 (31) 62/714,292 (32) 03.08.18 (33) US  
 62/747,760 19.10.18 US
- 
- (71) Ascendis Pharma A/S  
 (11) AU-A-2019348440  
 (21) 2019348440 (22) 25.09.2019  
 (54) Degradable hyaluronic acid hydrogels  
 (51) Int. Cl.  
 A61K 47/61 ( 2017.01 )  
 A61K 47/69 ( 2017.01 )
- (87) WO2020/064847  
 (31) 18196869.4 (32) 26.09.18 (33) EP
- 
- (71) Ascendis Pharma A/S  
 (11) AU-A-2019331917  
 (21) 2019331917 (22) 03.09.2019  
 (54) Matrix comprising bioactive glass  
 (51) Int. Cl.  
 A61L 27/18 ( 2006.01 )  
 A61L 27/54 ( 2006.01 )  
 A61L 27/56 ( 2006.01 )
- (87) WO2020/047546  
 (31) 62/725,865 (32) 31.08.18 (33) US  
 (43) 05.03.2020  
 (72) ADKISSON, IV, Huston Davis; WARD,  
 Anthony J.; BARNES, Brian  
 (74) RnB IP
- 
- (71) Ascendis Pharma A/S  
 (11) AU-A-2019345987  
 (21) 2019345987 (22) 25.09.2019  
 (54) Novel hydrogel conjugates  
 (51) Int. Cl.  
 A61K 47/60 ( 2017.01 )  
 A61K 47/64 ( 2017.01 )  
 A61K 47/69 ( 2017.01 )  
 A61P 31/04 ( 2006.01 )
- (87) WO2020/064846  
 (31) 18196864.5 (32) 26.09.18 (33) EP  
 19150396.0 04.01.19 EP  
 19181814.5 21.06.19 EP
- 
- (71) Ashlin, M.  
 (11) AU-A-2019346042  
 (21) 2019346042 (22) 25.09.2019  
 (54) A pet accessory  
 (51) Int. Cl.  
 A01K 27/00 ( 2006.01 )  
 A01K 15/02 ( 2006.01 )  
 A63B 65/12 ( 2006.01 )
- (87) WO2020/061625  
 (31) 2018903590 (32) 25.09.18 (33) AU  
 (43) 02.04.2020  
 (72) ASHLIN, Mark Keith; EADIE, James  
 (74) Patenteur Pty Ltd
- 
- (71) Astes4 SA  
 (11) AU-A-2019340045  
 (21) 2019340045 (22) 11.09.2019  
 (54) Sheet handling apparatus with automat-  
 ic removal of separating foil and meth-  
 od thereof  
 (51) Int. Cl.  
 B21D 43/24 ( 2006.01 )
- (87) WO2020/053769  
 (31) 10201800008519 (32) 12.09.18 (33) IT  
 (43) 19.03.2020  
 (72) ZAFFARONI, Roberto  
 (74) A.P.T. Patent and Trade Mark Attor-  
 neys
- 
- (71) ATHEX Technology s.r.o.  
 (11) AU-A-2019334068  
 (21) 2019334068 (22) 03.09.2019  
 (54) A closed system for placing installa-  
 tions, especially electrical ones  
 (51) Int. Cl.  
 H05K 5/00 ( 2006.01 )
- (87) WO2020/048555  
 (31) PV 2018-450 (32) 06.09.18 (33) CZ  
 (43) 12.03.2020  
 (72) PLESNÍK, Vít  
 (74) Michael Buck IP
- 
- (71) Attune Agriculture LLC; ANDON, G.C.;  
 QUATTLEBAUM, E.; AKINS, M.L.  
 (11) AU-A-2019314498  
 (21) 2019314498 (22) 02.08.2019  
 (54) Pesticides and methods of use thereof  
 (51) Int. Cl.  
 C12N 1/00 ( 2006.01 )  
 C12N 1/12 ( 2006.01 )
- (87) WO2020/028779  
 (31) 62/714,461 (32) 03.08.18 (33) US  
 (43) 06.02.2020  
 (72) ANDON, Gregory C.; QUATTLEBAUM,  
 Edwin; AKINS, Maureen L.  
 (74) FB Rice Pty Ltd
- 
- (71) Dentons Patent Attorneys Australasia  
 Limited  
 (72) ARENSON, Zachary Louis  
 (74) Dentons Patent Attorneys Australasia  
 Limited
- 
- (71) Arizona Board of Regents on behalf of  
 Arizona State University  
 (11) AU-A-2019319832  
 (21) 2019319832 (22) 07.08.2019  
 (54) Method for improved poxvirus yields  
 (51) Int. Cl.  
 A61K 35/76 ( 2015.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/12 ( 2006.01 )  
 A61K 39/145 ( 2006.01 )  
 A61K 39/155 ( 2006.01 )  
 A61K 39/275 ( 2006.01 )
- (87) WO2020/033510  
 (31) 62/716,224 (32) 08.08.18 (33) US  
 (43) 13.02.2020  
 (72) MCFADDEN, Grant; RAHMAN, Mo-  
 hammed Masmudur  
 (74) FB Rice Pty Ltd
- 
- (71) Ascendis Pharma A/S  
 (11) AU-A-2019348440  
 (21) 2019348440 (22) 25.09.2019  
 (54) Degradable hyaluronic acid hydrogels  
 (51) Int. Cl.  
 A61K 47/61 ( 2017.01 )  
 A61K 47/69 ( 2017.01 )
- (87) WO2020/064847  
 (31) 18196869.4 (32) 26.09.18 (33) EP



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

(71) AuRoCon ApS  
 (11) AU-A-2019324420  
 (21) 2019324420 (22) 21.08.2019  
 (54) Rodent trap, method of trapping and killing a rodent, and use of a rodent trap  
 (51) Int. Cl.  
**A01M 23/38** ( 2006.01 )  
 (87) WO2020/038539  
 (31) PA 2018 70546 (32) 22.08.18 (33) DK  
 (43) 27.02.2020  
 (72) DAHLGÅRD ASP, Preben  
 (74) Spruson & Ferguson

(71) AusMed Global Limited  
 (11) AU-A-2019336336  
 (21) 2019336336 (22) 06.09.2019  
 (54) Systems, sensors and methods for determining a concentration of an analyte  
 (51) Int. Cl.  
**G01N 33/497** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**A61B 5/097** ( 2006.01 )  
**G01N 31/22** ( 2006.01 )  
**G01N 33/64** ( 2006.01 )  
 (87) WO2020/047606  
 (31) 2018903323 (32) 06.09.18 (33) AU  
 2018904856 20.12.18 AU  
 2019902157 20.06.19 AU  
 (43) 12.03.2020  
 (72) YI, Xiaoke; COLLINS, Michael James; WU, Jiarong; HAN, Yang; AUSTIN, Mitchell  
 (74) Spruson & Ferguson

(71) Autolus Limited  
 (11) AU-A-2019348975  
 (21) 2019348975 (22) 26.09.2019  
 (54) Chimeric antigen receptor  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
 (87) WO2020/065330  
 (31) 1815775.0 (32) 27.09.18 (33) GB  
 1902021.3 14.02.19 GB  
 (43) 02.04.2020  
 (72) PULÉ, Martin; CORDOBA, Shaun; THOMAS, Simon; ONUOHA, Shimobi; CHEAN LIM, Wen; MA, Biao; FER-RARI, Mathieu  
 (74) Pairman IP

(71) BASF Corporation  
 (11) AU-A-2019329781  
 (21) 2019329781 (22) 27.08.2019  
 (54) Method and system to digitally track and monitor an automotive refinish repair process  
 (51) Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
 (87) WO2020/046903  
 (31) 18191003.5 (32) 27.08.18 (33) EP  
 (43) 05.03.2020  
 (72) KINGSLEY, Kevin; KHAIRE, Manjusha J.; WILDER, Tim  
 (74) Griffith Hack

(71) BASF Plant Science Company GmbH  
 (11) AU-A-2019334671  
 (21) 2019334671 (22) 06.09.2019  
 (54) Improved method for the production of high levels of PUFA in plants  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 5/10** ( 2018.01 )  
**A23L 33/115** ( 2016.01 )  
**C11B 1/00** ( 2006.01 )  
**C11C 1/00** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )  
 (87) WO2020/049157  
 (31) 18193294.8 (32) 07.09.18 (33) EP  
 18193835.8 11.09.18 EP  
 (43) 12.03.2020  
 (72) SENGER, Toralf; YANG, Hui; VRIN-TEN, Patricia; ANDRE, Carl  
 (74) Griffith Hack

(71) BASF Plant Science Company GmbH  
 (11) AU-A-2019334672  
 (21) 2019334672 (22) 06.09.2019  
 (54) Improved method for the production of high levels of PUFA in plants  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A01H 5/10** ( 2018.01 )  
**A23L 33/115** ( 2016.01 )  
**C11B 1/00** ( 2006.01 )  
**C11C 1/00** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )  
**C12N 15/54** ( 2006.01 )  
 (87) WO2020/049159  
 (31) 18193288.0 (32) 07.09.18 (33) EP  
 18193828.3 11.09.18 EP  
 (43) 12.03.2020  
 (72) SENGER, Toralf; YANG, Hui; ANDRE, Carl; VRINTEN, Patricia  
 (74) Griffith Hack

(71) BASF Plant Science Company GmbH  
 (11) AU-A-2019336533  
 (21) 2019336533 (22) 06.09.2019  
 (54) Improved method for the production of high levels of PUFA in plants  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A01H 5/10** ( 2018.01 )  
**A23L 33/115** ( 2016.01 )  
**C11B 1/00** ( 2006.01 )  
**C11C 1/00** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )  
 (87) WO2020/049155  
 (31) 18193296.3 (32) 07.09.18 (33) EP  
 18193841.6 11.09.18 EP  
 (43) 12.03.2020  
 (72) SENGER, Toralf; YANG, Hui; ANDRE, Carl; VRINTEN, Patricia  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2019332093  
 (21) 2019332093 (22) 29.08.2019  
 (54) Beneficiation of phosphate from phosphate containing ores  
 (51) Int. Cl.

**B03D 1/02** ( 2006.01 )  
**B03D 1/004** ( 2006.01 )  
**B03D 1/008** ( 2006.01 )  
**B03D 1/012** ( 2006.01 )  
 (87) WO2020/043829  
 (31) 18191801.2 (32) 30.08.18 (33) EP  
 (43) 05.03.2020  
 (72) MICHAILOVSKI, Alexej; VILLANUEVA BERINDOAGUE, Adrian Mauricio; VON KROG, Sylvia; KUELZER, Tamara  
 (74) Griffith Hack

(71) Bayer Aktiengesellschaft  
 (11) AU-A-2019339186  
 (21) 2019339186 (22) 11.09.2019  
 (54) Heterocyclene derivatives as pest control agents  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
 (87) WO2020/053282  
 (31) 18194174.1 (32) 13.09.18 (33) EP  
 (43) 19.03.2020  
 (72) FISCHER, Rüdiger; WILLOT, Matthieu; HAGER, Dominik; HOFFMEISTER, Laura; LINKA, Marc; GÖRGENS, Ulrich; ILG, Kerstin  
 (74) Davies Collison Cave Pty Ltd

(71) Bayer Aktiengesellschaft  
 (11) AU-A-2019350264  
 (21) 2019350264 (22) 19.09.2019  
 (54)  $\alpha$ 2-Adrenoceptor subtype C (alpha-2c) antagonists for the treatment of sleep apnea  
 (51) Int. Cl.  
**A61K 31/496** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2020/064479  
 (31) 18196686.2 (32) 25.09.18 (33) EP  
 (43) 02.04.2020  
 (72) DELBECK, Martina; HAHN, Michael  
 (74) Davies Collison Cave Pty Ltd

(71) Beckman Coulter, Inc.  
 (11) AU-A-2019331498  
 (21) 2019331498 (22) 30.08.2019  
 (54) High and low volume precision pipettor  
 (51) Int. Cl.  
**B01L 3/02** ( 2006.01 )  
 (87) WO2020/047463  
 (31) 62/726,063 (32) 31.08.18 (33) US  
 (43) 05.03.2020  
 (72) NEESE, Charles; DAVIS, Matthew S.  
 (74) Spruson & Ferguson

(71) Beijing Geekplus Technology Co., Ltd.  
 (11) AU-A-2019339988  
 (21) 2019339988 (22) 11.09.2019  
 (54) Robot control system and method, computing device, and storage medium  
 (51) Int. Cl.  
**B25J 13/00** ( 2006.01 )  
**B25J 9/16** ( 2006.01 )  
**B65G 1/04** ( 2006.01 )

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

- B65G 1/137** ( 2006.01 )  
**(87)** WO2020/052592  
**(31)** 201811062251.7 **(32)** 12.09.18 **(33)** CN  
 201910258694.1 01.04.19 CN  
**(43)** 19.03.2020  
**(72)** LIU, Kai; WANG, Mengdi; BAI, Yixin  
**(74)** FB Rice Pty Ltd
- 
- (71)** Beissbarth GmbH  
**(11)** AU-A-2019334253  
**(21)** 2019334253 **(22)** 22.08.2019  
**(54)** Wheel holder  
**(51)** Int. Cl.  
**G01B 5/00** ( 2006.01 )  
**G01B 5/255** ( 2006.01 )  
**G01B 7/315** ( 2006.01 )  
**G01B 11/275** ( 2006.01 )  
**G01B 21/26** ( 2006.01 )  
**(87)** WO2020/048781  
**(31)** 10 2018 215 165.2 **(32)** 06.09.18 **(33)** DE  
**(43)** 12.03.2020  
**(72)** PETERS, Stefanie; ILCHEV, Trendafil; WAGMANN, Christian; HOFMANN, Claudia  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** BioGen MA Inc.  
**(11)** AU-A-2019344922  
**(21)** 2019344922 **(22)** 18.09.2019  
**(54)** O-glycoprotein-2-acetamido-2-deoxy-3-d-glucopyranosidase inhibitors  
**(51)** Int. Cl.  
**C07D 417/14** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 417/06** ( 2006.01 )  
**(87)** WO2020/061150  
**(31)** 62/733,484 **(32)** 19.09.18 **(33)** US  
 62/750,000 24.10.18 US  
**(43)** 26.03.2020  
**(72)** GENUING, Nathan; GUCKIAN, Kevin M.; VESSELS, Jeffrey; ZHANG, Lei; ANATASSIO, Ryan; LIN, Edward, Yin Shiang; XIN, Zhili  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Birdie Biopharmaceuticals, Inc.  
**(11)** AU-A-2019335366  
**(21)** 2019335366 **(22)** 05.09.2019  
**(54)** Imidazoquinoline compounds and uses thereof  
**(51)** Int. Cl.  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4745** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2020/051356  
**(31)** 62/728,556 **(32)** 07.09.18 **(33)** US  
**(43)** 12.03.2020  
**(72)** YANG, Lihu  
**(74)** K&L Gates
- 
- (71)** Blin, J.  
**(11)** AU-A-2019332047  
**(21)** 2019332047 **(22)** 14.08.2019  
**(54)** Fastener  
**(51)** Int. Cl.  
**H01H 13/18** ( 2006.01 )  
**(87)** WO2020/043491  
**(31)** 20 2018 004 013.4 **(32)** 29.08.18 **(33)** DE  
 20 2018 106 864.4 03.12.18 DE  
**(43)** 05.03.2020  
**(72)** BLIN, Jörg  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** BlueCats Australia Pty Ltd.  
**(11)** AU-A-2019406845  
**(21)** 2019406845 **(22)** 20.09.2019  
**(54)** Radar for tracking or generating radar images of passive objects  
**(51)** Int. Cl.  
**G01S 13/00** ( 2006.01 )  
**G01S 13/02** ( 2006.01 )  
**G01S 13/66** ( 2006.01 )  
**G01S 13/74** ( 2006.01 )  
**G06T 17/05** ( 2011.01 )  
**(87)** WO2020/128640  
**(31)** 62/733,908 **(32)** 20.09.18 **(33)** US  
**(43)** 25.06.2020  
**(72)** TROUTMAN, Dennis  
**(74)** Adams Pluck
- 
- (71)** Bradken Resources Pty Limited  
**(11)** AU-A-2019322927  
**(21)** 2019322927 **(22)** 16.08.2019  
**(54)** Mill liner, coupling tool and method of removal of a mill liner  
**(51)** Int. Cl.  
**B02C 17/22** ( 2006.01 )  
**B02C 17/18** ( 2006.01 )  
**F16B 1/00** ( 2006.01 )  
**(87)** WO2020/034012  
**(31)** 2018903011 **(32)** 16.08.18 **(33)** AU  
**(43)** 20.02.2020  
**(72)** GRAY, Michael Stewart; STEWART, David Joel; SHORE, Terry Alexander  
**(74)** Griffith Hack
- 
- (71)** Bridgestone Corporation  
**(11)** AU-A-2019333661  
**(21)** 2019333661 **(22)** 08.08.2019  
**(54)** Tire mounting status detection system, tire mounting status detection method and tire mounting status detection program  
**(51)** Int. Cl.  
**B60C 23/04** ( 2006.01 )  
**B60C 23/20** ( 2006.01 )  
**(87)** WO2020/045036  
**(31)** 2018-159282 **(32)** 28.08.18 **(33)** JP  
**(43)** 05.03.2020  
**(72)** HONDA, Kyohei  
**(74)** Griffith Hack
- 
- (71)** Bristol Bluegreen Limited  
**(11)** AU-A-2019335573  
**(21)** 2019335573 **(22)** 06.09.2019  
**(54)** Method and apparatus for managing the voltage of a polyphase supply  
**(51)** Int. Cl.  
**H02J 3/26** ( 2006.01 )  
**(87)** WO2020/049318  
**(31)** 1814613.4 **(32)** 07.09.18 **(33)** GB  
**(43)** 12.03.2020  
**(72)** SILCOCK, Paul; HOUGHTON, Michael  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Bristol-Myers Squibb Company  
**(11)** AU-A-2019318415  
**(21)** 2019318415 **(22)** 07.08.2019  
**(54)** Substituted benzimidazoles as PAD4 inhibitors  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07F 9/00** ( 2006.01 )  
**(87)** WO2020/033488  
**(31)** 62/715,858 **(32)** 08.08.18 **(33)** US  
**(43)** 13.02.2020  
**(72)** GARDNER, Daniel S.; DUNCIA, John V.; SANTELLA, Joseph B.; NGU, Khehyong; ANNUNZIATO, Christopher  
**(74)** AJ PARK
- 
- (71)** Bristol-Myers Squibb Company  
**(11)** AU-A-2019319835  
**(21)** 2019319835 **(22)** 07.08.2019  
**(54)** Indole and azaindole inhibitors of PAD enzymes  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 407/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/08** ( 2006.01 )  
**(87)** WO2020/033520  
**(31)** 62/715,850 **(32)** 08.08.18 **(33)** US  
**(43)** 13.02.2020  
**(72)** SRIVASTAVA, Anurag S.; CHERNEY, Robert J.; NGU, Khehyong  
**(74)** AJ PARK
- 
- (71)** Bulk Innovations Pty Ltd  
**(11)** AU-A-2019318437  
**(21)** 2019318437 **(22)** 06.08.2019  
**(54)** Apparatus and method for handling bulk materials  
**(51)** Int. Cl.  
**B65G 67/12** ( 2006.01 )  
**B66C 1/10** ( 2006.01 )  
**(87)** WO2020/028939  
**(31)** 2018902876 **(32)** 07.08.18 **(33)** AU  
**(43)** 13.02.2020  
**(72)** GRAY, Daryl Gordon  
**(74)** Cotters Patent & Trade Mark Attorneys
- 
- (71)** BURMASTER, B.  
**(11)** AU-A-2020219029

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

- (21) 2020219029 (22) 30.01.2020  
 (54) Potassium enriched topical formulations for pain relief and sleep aid  
 (51) Int. Cl.  
**A61K 31/10** ( 2006.01 )  
**A61K 31/7008** ( 2006.01 )  
**A61K 31/737** ( 2006.01 )  
 (87) WO2020/163143  
 (31) 62/803,277 (32) 08.02.19 (33) US  
 (43) 13.08.2020  
 (72) BURMASTER, Brian  
 (74) Michael Buck IP
- 
- (71) Butterfly Network, Inc.  
 (11) AU-A-2019343169  
 (21) 2019343169 (22) 20.09.2019  
 (54) Acoustic damping for ultrasound imaging devices  
 (51) Int. Cl.  
**G01N 29/00** ( 2006.01 )  
**G01N 29/22** ( 2006.01 )  
 (87) WO2020/061394  
 (31) 62/734,497 (32) 21.09.18 (33) US  
 (43) 26.03.2020  
 (72) SATIR, Sarp; ZAHORIAN, Jaime Scott; ESTEVE, Simon; SAMS, Wayne  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Butterfly Network, Inc.  
 (11) AU-A-2019350989  
 (21) 2019350989 (22) 27.09.2019  
 (54) Fabrication techniques and structures for gettering materials in ultrasonic transducer cavities  
 (51) Int. Cl.  
**B81B 3/00** ( 2006.01 )  
**B81C 1/00** ( 2006.01 )  
 (87) WO2020/069252  
 (31) 62/738,502 (32) 28.09.18 (33) US  
 (43) 02.04.2020  
 (72) LIU, Jianwei; FIFE, Keith G.; LUTSKY, Joseph; MIAO, Lingyun  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CACI, INC. - Federal  
 (11) AU-A-2019388607  
 (21) 2019388607 (22) 10.09.2019  
 (54) Deployable hardened housing units  
 (51) Int. Cl.  
**H05K 5/00** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**H05K 7/20** ( 2006.01 )  
 (87) WO2020/112205  
 (31) 62/729,336 (32) 10.09.18 (33) US  
 16/508,225 10.07.19 US  
 (43) 04.06.2020  
 (72) MCDOWELL, David  
 (74) RnB IP Pty Ltd
- 
- (71) CAHANA, A.  
 (11) AU-A-2019324158  
 (21) 2019324158 (22) 21.08.2019  
 (54) Auto-adjustable buoyancy pressure vessel for scuba  
 (51) Int. Cl.  
**B63C 11/22** ( 2006.01 )  
**B63C 11/00** ( 2006.01 )
- 
- (71) Capital One Services, LLC  
 (11) AU-A-2019354637  
 (21) 2019354637 (22) 30.09.2019  
 (54) Systems and methods for cryptographic authentication of contactless cards  
 (51) Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**H04B 5/00** ( 2006.01 )  
**H04W 4/80** ( 2018.01 )  
**H04W 12/06** ( 2009.01 )  
 (87) WO2020/072340  
 (31) 62/740,352 (32) 02.10.18 (33) US  
 16/546,657 21.08.19 US  
 16/205,119 29.11.18 US  
 (43) 09.04.2020  
 (72) RULE, Jeffrey; HENG, Melissa; ASHFIELD, James; HART, Colin; ILINCIC, Rajko; LUTZ, Wayne  
 (74) Spruson & Ferguson
- 
- (71) Case Western Reserve University  
 (11) AU-A-2019334965  
 (21) 2019334965 (22) 29.08.2019  
 (54) Methods and compositions for inducing neural plasticity  
 (51) Int. Cl.  
**A61K 38/10** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 38/46** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
 (87) WO2020/051051  
 (31) 62/727,420 (32) 05.09.18 (33) US  
 (43) 12.03.2020  
 (72) SILVER, Jerry; LUO, Yu; LUO, Fucheng  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Caterpillar Global Mining LLC  
 (11) AU-A-2019336609  
 (21) 2019336609 (22) 23.08.2019  
 (54) Apparatus for operating a machine work tool  
 (51) Int. Cl.  
**E02F 9/22** ( 2006.01 )  
**F15B 1/02** ( 2006.01 )  
 (87) WO2020/050995  
 (31) 1814273.7 (32) 03.09.18 (33) GB  
 (43) 12.03.2020  
 (72) STRASHNY, Igor  
 (74) Patent Attorney Services
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2019329424  
 (21) 2019329424 (22) 15.08.2019  
 (54) Cooling system for a rotary electric machine  
 (51) Int. Cl.
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2019329430  
 (21) 2019329430 (22) 16.08.2019  
 (54) Final drive mounted motor for track-type tractor  
 (51) Int. Cl.  
**B60K 1/02** ( 2006.01 )  
**B60K 17/04** ( 2006.01 )  
**B60K 17/22** ( 2006.01 )  
**H02K 15/14** ( 2006.01 )  
 (87) WO2020/046600  
 (31) 16/117,368 (32) 30.08.18 (33) US  
 (43) 05.03.2020  
 (72) TIGUE, Joseph D.; SCHLACK, Timothy J.; BAUMANN, Jonathan M.; AUSTIN, Gregory  
 (74) Patent Attorney Services
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2019329723  
 (21) 2019329723 (22) 27.08.2019  
 (54) Optimized switched reluctance phase current control in a continuous conduction mode  
 (51) Int. Cl.  
**E02F 9/20** ( 2006.01 )  
**H02P 25/08** ( 2016.01 )  
 (87) WO2020/046853  
 (31) 16/115,148 (32) 28.08.18 (33) US  
 (43) 05.03.2020  
 (72) KHALIL, Ahmed; NINO BARON, Carlos; BREWER, Chad; WAI, Jackson; BHATIA, Yash  
 (74) Patent Attorney Services
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2019334865  
 (21) 2019334865 (22) 23.08.2019  
 (54) Bushing for a track assembly  
 (51) Int. Cl.  
**B62D 55/21** ( 2006.01 )  
 (87) WO2020/050998  
 (31) 16/121,011 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) JOHANNSEN, Eric J.; RATHOD, Chandrasen R.; KEELE, Scott; SEBRIGHT, Jason L.; RECKER, Roger L.; BLAND, Arthur; WEAVER, Douglas T.; YANIAK, Thomas J.  
 (74) Patent Attorney Services
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2019334866  
 (21) 2019334866 (22) 26.08.2019

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

(54) Track joint assembly and track link having wear band structured for anti-scalloping  
 (51) Int. Cl.  
*B62D 55/21* ( 2006.01 )  
*B62D 55/20* ( 2006.01 )  
 (87) WO2020/051003  
 (31) 16/120,996 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) STEINER, Kevin  
 (74) Patent Attorney Services

(71) Caterpillar Inc.  
 (11) AU-A-2019335208  
 (21) 2019335208 (22) 04.09.2019  
 (54) Control of multiple engines using one or more parameters associated with the multiple engines  
 (51) Int. Cl.  
*G05B 15/02* ( 2006.01 )  
*H02P 9/02* ( 2006.01 )  
 (87) WO2020/051171  
 (31) 16/121,145 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) CAI, Zhijun; GAYLES, Ronald; ZHANG, Yanchai; NOFSINGER, Stephen; DUST, Maurice  
 (74) Patent Attorney Services

(71) Catalog Technologies, Inc  
 (11) AU-A-2019315604  
 (21) 2019315604 (22) 05.08.2019  
 (54) Systems and methods for storing and reading nucleic acid-based data with error protection  
 (51) Int. Cl.  
*G16B 50/20* ( 2019.01 )  
*G01N 27/414* ( 2006.01 )  
 (87) WO2020/028912  
 (31) 62/714,557 (32) 03.08.18 (33) US  
 16/532,077 05.08.19 US  
 (43) 06.02.2020  
 (72) LEAKE, Dewin; BHATIA, Swapnil; PARK, Hyunjun; ROQUET, Nathaniel; DORAN, Graeme  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CDE Global Limited  
 (11) AU-A-2019370573  
 (21) 2019370573 (22) 09.10.2019  
 (54) Method and apparatus for reducing the water content of waste water sludge  
 (51) Int. Cl.  
*B01D 21/00* ( 2006.01 )  
*B01D 21/24* ( 2006.01 )  
*B01D 21/30* ( 2006.01 )  
*C02F 11/12* ( 2019.01 )  
 (87) WO2020/088904  
 (31) 1817632.1 (32) 29.10.18 (33) GB  
 (43) 07.05.2020  
 (72) CONVERY, Anthony  
 (74) Madderns Pty Ltd

(71) Cellbox Solutions GmbH  
 (11) AU-A-2019335850  
 (21) 2019335850 (22) 06.09.2019

(54) Device for incubating cultures, method for incubating cultures and use  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
 (87) WO2020/048557  
 (31) 10 2018 121 781.1 (32) 06.09.18 (33) DE  
 (43) 12.03.2020  
 (72) NAGELS, Hans; LEDERER, Christoph  
 (74) AJ Pietras IP Limited

(71) Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG; Osaka University  
 (11) AU-A-2019315213  
 (21) 2019315213 (22) 01.08.2019  
 (54) A pharmaceutical composition for use in the treatment or prevention of a C5-related disease and a method for treating or preventing a C5-related disease  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
*A61P 37/06* ( 2006.01 )  
 (87) WO2020/027279  
 (31) 62/713,211 (32) 01.08.18 (33) US  
 62/764,952 17.08.18 US  
 62/760,204 13.11.18 US  
 (43) 06.02.2020  
 (72) SHINOMIYA, Kenji; GOTANDA, Keisuke; NISHIMURA, Jun-ichi; WINTER, Erica; HSU, Joy C.  
 (74) Spruson & Ferguson

(71) Cisco Technology, Inc.  
 (11) AU-A-2019344548  
 (21) 2019344548 (22) 12.09.2019  
 (54) Unique identities of endpoints across layer 3 networks  
 (51) Int. Cl.  
*H04L 29/12* ( 2006.01 )  
 (87) WO2020/060844  
 (31) 16/135,839 (32) 19.09.18 (33) US  
 (43) 26.03.2020  
 (72) PETERSON, Annika Lee Louise; WONG, Edmund L.  
 (74) Davies Collison Cave Pty Ltd

(71) Citrix Systems, Inc.  
 (11) AU-A-2019347708  
 (21) 2019347708 (22) 23.09.2019  
 (54) Systems and methods for consistent enforcement policy across different saas applications via embedded browser  
 (51) Int. Cl.  
*G06F 9/48* ( 2006.01 )  
*G06F 9/54* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
 (87) WO2020/068613  
 (31) 16/139,800 (32) 24.09.18 (33) US  
 (43) 02.04.2020  
 (72) FLECK, Christopher; VAN ROTTERDAM, Jeroen Mattijs  
 (74) RnB IP Pty Ltd

(71) ClearStream Technologies Limited  
 (11) AU-A-2019458212  
 (21) 2019458212 (22) 25.07.2019  
 (54) Embolisation device for promoting blood clot formation and a method of retrieving the same from a bodily lumen  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
 (87) WO2021/013352  
 (43) 28.01.2021  
 (72) GILES, Ciaran; SHERIDAN, Stephen  
 (74) Spruson & Ferguson

(71) CNH Industrial France S.A.S.  
 (11) AU-A-2019328256  
 (21) 2019328256 (22) 26.08.2019  
 (54) Harvesting unit  
 (51) Int. Cl.  
*A01D 46/26* ( 2006.01 )  
 (87) WO2020/043656  
 (31) 1857780 (32) 29.08.18 (33) FR  
 (43) 05.03.2020  
 (72) LE BRECH, Laurent; BELETEAU, David  
 (74) Ellis Terry

(71) Colgate-Palmolive Company  
 (11) AU-A-2018442982  
 (21) 2018442982 (22) 24.09.2018  
 (54) Solid cleansing compositions and methods for the same  
 (51) Int. Cl.  
*A61K 8/36* ( 2006.01 )  
*A61K 8/02* ( 2006.01 )  
*A61K 8/92* ( 2006.01 )  
*A61K 8/98* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
*A61Q 19/10* ( 2006.01 )  
 (87) WO2020/068034  
 (43) 02.04.2020  
 (72) WU, Qiang; CHENG, Shuijiang; NWOSISI, Juliana; DU-THUMM, Laurence  
 (74) Shelston IP Pty Ltd.

(71) Colgate-Palmolive Company  
 (11) AU-A-2019345048  
 (21) 2019345048 (22) 19.09.2019  
 (54) Home care compositions  
 (51) Int. Cl.  
*C11D 3/00* ( 2006.01 )  
*C11D 3/37* ( 2006.01 )  
 (87) WO2020/061248  
 (31) 62/733,944 (32) 20.09.18 (33) US  
 (43) 26.03.2020  
 (72) BUCIO, Jose; MALDONADO, Raul Arellano; SANCHEZ, Andrea  
 (74) Shelston IP Pty Ltd.

(71) Coloplast A/S  
 (11) AU-A-2019320962  
 (21) 2019320962 (22) 15.08.2019  
 (54) Accessory device of an ostomy system and related methods for issue identification  
 (51) Int. Cl.  
*G01M 3/18* ( 2006.01 )  
*A61F 5/44* ( 2006.01 )

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

**A61L 24/00** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**G16H 10/40** ( 2018.01 )  
**(87)** WO2020/035121  
**(31)** PA 2018 70526 **(32)** 15.08.18 **(33)** DK  
**(43)** 20.02.2020  
**(72)** ANDERSEN, Dan Boegsted; STROE-  
 BECH, Esben; VESTERGAARD, Marie  
 Svane Rizk  
**(74)** FB Rice Pty Ltd

**(71)** Commonwealth Scientific and Industrial  
 Research Organisation  
**(11)** AU-A-2019318817  
**(21)** 2019318817 **(22)** 07.08.2019  
**(54)** Electrochemical flow reactor  
**(51)** Int. Cl.  
**C25B 9/19** ( 2021.01 )  
**C02F 1/46** ( 2006.01 )  
**H01M 8/18** ( 2006.01 )  
**H01M 50/40** ( 2021.01 )  
**(87)** WO2020/028949  
**(31)** 2018902887 **(32)** 08.08.18 **(33)** AU  
**(43)** 13.02.2020  
**(72)** HORNE, Michael David; BAYAT-  
 SARMADI, Bitá; RODOPOULOS,  
 Theo; TSANAKTSIDIS, John; GUN-  
 ASEGARAM, Dayalan Romesh;  
 HORNUNG, Christian; FRASER, Dar-  
 ren; MARLEY, Dylan; URBAN, Andrew  
 Joseph  
**(74)** FB Rice Pty Ltd

**(71)** ConocoPhillips Company  
**(11)** AU-A-2019346601  
**(21)** 2019346601 **(22)** 26.09.2019  
**(54)** Machine learning based signal recovery  
**(51)** Int. Cl.  
**G01V 1/30** ( 2006.01 )  
**G01V 1/36** ( 2006.01 )  
**G01V 1/37** ( 2006.01 )  
**G10L 21/02** ( 2013.01 )  
**(87)** WO2020/069143  
**(31)** 62/739,260 **(32)** 30.09.18 **(33)** US  
**(43)** 02.04.2020  
**(72)** LI, Chengbo  
**(74)** RnB IP Pty Ltd

**(71)** Cortex Composites, Inc.  
**(11)** AU-A-2019326523  
**(21)** 2019326523 **(22)** 21.08.2019  
**(54)** Machine for manufacturing composite  
 materials  
**(51)** Int. Cl.  
**C04B 28/02** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**C04B 16/06** ( 2006.01 )  
**C04B 40/00** ( 2006.01 )  
**(87)** WO2020/041494  
**(31)** 62/722,035 **(32)** 23.08.18 **(33)** US  
**(43)** 27.02.2020  
**(72)** KRASNOFF, Curren; ARMSTRONG,  
 David  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Crown Packaging Technology, Inc.  
**(11)** AU-A-2019342443  
**(21)** 2019342443 **(22)** 16.09.2019  
**(54)** Welding of can bodies  
**(51)** Int. Cl.  
**B23K 37/053** ( 2006.01 )  
**B23K 31/12** ( 2006.01 )  
**B23K 101/12** ( 2006.01 )  
**(87)** WO2020/058683  
**(31)** 1815121.7 **(32)** 17.09.18 **(33)** GB  
**(43)** 26.03.2020  
**(72)** MARTINS, Joao Fernando Fanico;  
 SOLLIS, Mark David; ARNELL, Steph-  
 en Robert  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Cupffee Ltd  
**(11)** AU-A-2019349987  
**(21)** 2019349987 **(22)** 16.09.2019  
**(54)** Mixture for production of edible contain-  
 ers for hot and cold beverages and food  
**(51)** Int. Cl.  
**A21D 13/33** ( 2017.01 )  
**B65D 65/46** ( 2006.01 )  
**(87)** WO2020/061653  
**(31)** 112807 **(32)** 27.09.18 **(33)** BG  
**(43)** 02.04.2020  
**(72)** ZAPRYANOV, Miroslav Atanasov; GAV-  
 RAILOV, Simeon Krasimirov  
**(74)** LAMINAR IP PTY LTD

**(71)** DeLaval Holding AB  
**(11)** AU-A-2019365620  
**(21)** 2019365620 **(22)** 21.10.2019  
**(54)** A milking apparatus, and a milking plant  
**(51)** Int. Cl.  
**A01J 5/017** ( 2006.01 )  
**(87)** WO2020/085977  
**(31)** 1800202-2 **(32)** 25.10.18 **(33)** SE  
**(43)** 30.04.2020  
**(72)** SAMUELSSON, David; SKOOG,  
 Joonatan  
**(74)** Spruson & Ferguson

**(71)** Detnet South Africa (Pty) Ltd  
**(11)** AU-A-2019333328  
**(21)** 2019333328 **(22)** 21.08.2019  
**(54)** Method of and apparatus for establish-  
 ing a blasting system  
**(51)** Int. Cl.  
**F42D 1/00** ( 2006.01 )  
**(87)** WO2020/047560  
**(31)** 2018/05693 **(32)** 27.08.18 **(33)** ZA  
**(43)** 05.03.2020  
**(72)** MULLER, Elmar Lennox; VAN WYK,  
 Riaan Lingenfelder; MEYER, Tielman  
 Christiaan; BOTHA, Marius Christo  
**(74)** Halfords IP

**(71)** Deutsches Krebsforschungszentrum  
 Stiftung des Öffentlichen Rechts; Eber-  
 hard Karls Universität Tübingen  
**(11)** AU-A-2019337394  
**(21)** 2019337394 **(22)** 11.09.2019  
**(54)** Improved anti-FLT3 antigen binding  
 proteins  
**(51)** Int. Cl.

**C07K 16/28** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**(87)** WO2020/053300  
**(31)** 18193889.5 **(32)** 11.09.18 **(33)** EP  
 19189566.3 01.08.19 EP  
**(43)** 19.03.2020  
**(72)** JUNG, Gundram; SALIH, Helmut; VO-  
 GT, Fabian; ZEKRI-METREF, Latifa;  
 PFLÜGLER, Martin; EHNES, Isabelle  
**(74)** Spruson & Ferguson

**(71)** DJO France  
**(11)** AU-A-2019327380  
**(21)** 2019327380 **(22)** 23.08.2019  
**(54)** Carpal tunnel wrist brace  
**(51)** Int. Cl.  
**A61F 5/01** ( 2006.01 )  
**A41D 13/08** ( 2006.01 )  
**A61F 5/058** ( 2006.01 )  
**A61F 5/37** ( 2006.01 )  
**A61F 13/04** ( 2006.01 )  
**A61F 13/10** ( 2006.01 )

**(87)** WO2020/046758  
**(31)** 62/726,130 **(32)** 31.08.18 **(33)** US  
 62/790,620 10.01.19 US  
**(43)** 05.03.2020  
**(72)** JANOT, Vincent; OXOTEGUY, Julien  
**(74)** Shelston IP Pty Ltd.

**(71)** Dongguan Amperex Technology Lim-  
 ited  
**(11)** AU-A-2020202325  
**(21)** 2020202325 **(22)** 31.03.2020  
**(54)** Mounting stand, battery assembly, and  
 energy storage system including the  
 same  
**(51)** Int. Cl.  
**H01M 50/20** ( 2021.01 )  
**(31)** 201910824283.4 **(32)** 02.09.19 **(33)** CN  
**(43)** 25.03.2021  
**(72)** QIN, Lei; YANG, Pengcheng; WANG,  
 Xin  
**(74)** Admiral Trademarks & Patents Ser-  
 vices

**(71)** Dongguan Amperex Technology Lim-  
 ited  
**(11)** AU-A-2020202328  
**(21)** 2020202328 **(22)** 27.03.2020  
**(54)** Battery module  
**(51)** Int. Cl.  
**H01M 50/20** ( 2021.01 )  
**(31)** 201910833241.7 **(32)** 04.09.19 **(33)** CN  
**(43)** 25.03.2021  
**(72)** YANG, Pengcheng; ZHOU, Jinbing;  
 WU, Mingjie; WANG, Xin  
**(74)** Admiral Trademarks & Patents Ser-  
 vices

**(71)** DOUGLAS, D.B.; DOUGLAS, R.E.;  
 DOUGLAS, K.M.  
**(11)** AU-A-2019325414  
**(21)** 2019325414 **(22)** 23.08.2019  
**(54)** A virtual tool kit for radiologists  
**(51)** Int. Cl.  
**G06F 3/00** ( 2006.01 )  
**(87)** WO2020/041693

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

(31) 62/722,513 (32) 24.08.18 (33) US  
 (43) 27.02.2020  
 (72) DOUGLAS, David Byron; DOUGLAS, Robert Edwin; DOUGLAS, Kathleen Mary  
 (74) SPICER SPICER PTY LTD

(71) DraftKings, Inc.  
 (11) AU-A-2019367831  
 (21) 2019367831 (22) 04.09.2019  
 (54) Systems and methods for dynamically adjusting display content and parameters on a display device  
 (51) Int. Cl.  
*H04N 21/431* ( 2011.01 )  
*G06F 3/14* ( 2006.01 )  
*H04N 21/45* ( 2011.01 )  
 (87) WO2020/086162  
 (31) 62/726,711 (32) 04.09.18 (33) US  
 (43) 30.04.2020  
 (72) SAWYER, Rick; MENDELL, Jordan  
 (74) RnB IP Pty Ltd

(71) Eardley Holding AG  
 (11) AU-A-2018445019  
 (21) 2018445019 (22) 09.10.2018  
 (54) Optical assembly, optical instrument and method  
 (51) Int. Cl.  
*G02B 21/36* ( 2006.01 )  
*G02B 27/58* ( 2006.01 )  
 (87) WO2020/074065  
 (43) 16.04.2020  
 (72) KASZIAN, Peter  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Edge Marketing Corp.  
 (11) AU-A-2019314773  
 (21) 2019314773 (22) 01.08.2019  
 (54) Thermoplastic elastomer cork composite  
 (51) Int. Cl.  
*B27N 5/00* ( 2006.01 )  
*B27N 1/00* ( 2006.01 )  
*B29C 70/58* ( 2006.01 )  
 (87) WO2020/024063  
 (31) 62/713,979 (32) 02.08.18 (33) US  
 (43) 06.02.2020  
 (72) BAKER, Michael; PALMER, Jordan  
 (74) Halfords IP

(71) Eko Devices, Inc.  
 (11) AU-A-2019325258  
 (21) 2019325258 (22) 20.08.2019  
 (54) Methods and systems for determining a physiological or biological state or condition of a subject  
 (51) Int. Cl.  
*A61B 5/349* ( 2021.01 )  
*A61B 5/283* ( 2021.01 )  
*A61B 5/318* ( 2021.01 )  
*A61B 5/361* ( 2021.01 )  
 (87) WO2020/041363  
 (31) 62/720,796 (32) 21.08.18 (33) US  
 62/879,317 26.07.19 US

(43) 27.02.2020  
 (72) LANDGRAF, Connor; MAIDENS, John; VENKATRAMAN, Subramaniam; SHA-PIRO, Avi; PHAM, Steve L.  
 (74) WRAYS PTY LTD

(71) ENI S.p.A.  
 (11) AU-A-2019340562  
 (21) 2019340562 (22) 09.09.2019  
 (54) Method for the extraction of bio-oil from algal biomass  
 (51) Int. Cl.  
*C10L 1/02* ( 2006.01 )  
*C11B 1/10* ( 2006.01 )  
 (87) WO2020/053118  
 (31) 102018000008453 (32) 10.09.18 (33) IT  
 102018000008566 13.09.18 IT  
 (43) 19.03.2020  
 (72) DE ANGELIS, Alberto Renato; CASTALDO, Filomena  
 (74) Phillips Ormonde Fitzpatrick

(71) Empulsion GmbH  
 (11) AU-A-2019313413  
 (21) 2019313413 (22) 17.05.2019  
 (54) Ion thruster for thrust vectored propulsion of a spacecraft  
 (51) Int. Cl.  
*F03H 1/00* ( 2006.01 )  
 (87) WO2020/025183  
 (31) 18187104.7 (32) 02.08.18 (33) EP  
 (43) 06.02.2020  
 (72) BULDRINI, Nembo; SEIFERT, Bernhard; REISSNER, Alexander  
 (74) FB Rice Pty Ltd

(71) Evapco, Inc.  
 (11) AU-A-2019335388  
 (21) 2019335388 (22) 06.09.2019  
 (54) Advanced large scale field-erected air cooled industrial steam condenser  
 (51) Int. Cl.  
*F25B 9/02* ( 2006.01 )  
 (87) WO2020/051411  
 (31) 62/728,269 (32) 07.09.18 (33) US  
 62/730,764 13.09.18 US  
 16/562,778 06.09.19 US  
 (43) 12.03.2020  
 (72) BUGLER, Thomas; LIBERT, Jean-Pierre; HUBER, Mark  
 (74) Davies Collison Cave Pty Ltd

(71) Evoqua Water Technologies LLC  
 (11) AU-A-2019346563  
 (21) 2019346563 (22) 25.09.2019  
 (54) Monovalent selective cation exchange membrane  
 (51) Int. Cl.  
*B01J 47/12* ( 2017.01 )  
*C08J 5/22* ( 2006.01 )  
*C25B 13/08* ( 2006.01 )  
 (87) WO2020/068932  
 (31) 62/736,176 (32) 25.09.18 (33) US  
 62/737,373 27.09.18 US  
 62/861,608 14.06.19 US

(43) 02.04.2020  
 (72) GU, George; SAVVAS, Hadjikyriacou; DUKES, Simon P.; SHAW, Michael J.  
 (74) Shelston IP Pty Ltd.

(71) F. Hoffmann-La Roche AG  
 (11) AU-A-2019344567  
 (21) 2019344567 (22) 18.09.2019  
 (54) Use of a cathepsin S inhibitor against the formation of anti-drug antibodies  
 (51) Int. Cl.  
*A61P 37/06* ( 2006.01 )  
*A61K 31/4025* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
 (87) WO2020/058297  
 (31) 18195251.6 (32) 18.09.18 (33) EP  
 (43) 26.03.2020  
 (72) KLEIN, Christian; KOLB, Fabrice Alain André; MANCHESTER YOUNG, Marianne; AHMED, Syed Sohail; MATTOS DE ALMEIDA BESSA, Juliana  
 (74) Spruson & Ferguson

(71) FARAMARZI, F.F.; FARAMARZI, S.; FARAMARZI, S.  
 (11) AU-A-2019314561  
 (21) 2019314561 (22) 03.08.2019  
 (54) System and method for duplicating flammable gas  
 (51) Int. Cl.  
*C12P 1/04* ( 2006.01 )  
*C12M 1/04* ( 2006.01 )  
*C12P 5/02* ( 2006.01 )  
 (87) WO2020/028888  
 (31) 62/714,479 (32) 03.08.18 (33) US  
 16/529,626 01.08.19 US  
 (43) 06.02.2020  
 (72) FARAMARZI, Faramaz Fred; FARAMARZI, Sabrina; FARAMARZI, Sandra  
 (74) LAMINAR IP PTY LTD

(71) Fermentalg  
 (11) AU-A-2019334563  
 (21) 2019334563 (22) 05.09.2019  
 (54) Method for enriching a biomass with proteins  
 (51) Int. Cl.  
*C12N 1/12* ( 2006.01 )  
*A23J 1/00* ( 2006.01 )  
*A23K 10/16* ( 2016.01 )  
*A23L 33/195* ( 2016.01 )  
*A61K 36/04* ( 2006.01 )  
 (87) WO2020/049095  
 (31) 1857950 (32) 05.09.18 (33) FR  
 (43) 12.03.2020  
 (72) CAGNAC, Olivier; ATHANE, Axel; DEMOL, Julien  
 (74) Shelley Rowland

(71) Fine Agrochemicals Limited  
 (11) AU-A-2019315734  
 (21) 2019315734 (22) 05.08.2019  
 (54) Micronutrient concentrate and use thereof  
 (51) Int. Cl.  
*C05G 3/00* ( 2020.01 )  
*A01N 25/02* ( 2006.01 )

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

- A01N 43/12** ( 2006.01 )  
**A01N 43/38** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01N 45/00** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**C05D 9/02** ( 2006.01 )  
**C05F 11/10** ( 2006.01 )
- (87) WO2020/025829  
(31) 18187382.9 (32) 03.08.18 (33) EP  
(43) 06.02.2020  
(72) WIKELEY, Philip Simon; CLAPPER-TON, Richard; ALVES, Marissa  
(74) Spruson & Ferguson
- 
- (71) Firststring Research, Inc.  
(11) AU-A-2019337636  
(21) 2019337636 (22) 12.09.2019  
(54) Nanoparticle formulations and methods of use for alpha connexin c-terminal peptides  
(51) Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )
- (87) WO2020/056144  
(31) 62/730,116 (32) 12.09.18 (33) US  
(43) 19.03.2020  
(72) GREK, Christina L.; GHATNEKAR, Gautam S.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Fisher & Paykel Healthcare Limited  
(11) AU-A-2019321819  
(21) 2019321819 (22) 16.08.2019  
(54) Directed gas flow surgical cannula for providing gases to a patient  
(51) Int. Cl.  
**A61M 13/00** ( 2006.01 )
- (87) WO2020/036498  
(31) 62/719,550 (32) 17.08.18 (33) US  
(43) 20.02.2020  
(72) KOKHANENKO, Pavlo; PEGMAN, Benjamin Elliot Hardinge; LAUS, Charlotte Grace; SPENCE, Callum James Thomas; ARULANDU, Abigail Sharmini Rajen; GELL, Zane Paul; WARNER, Zach Jonathan; VERDOOLD, Vincent; PAPOTTI, Gabor; KLINK, German; BOYES, Richard John; IP, Bernard Tsz Lun; BAUMANN, Monika; GREENFIELD, James Robert Jarmey; BUCKELS, Katie-Ann Jane; KURIGER, Donald Roy; LEE, Joshua Robert; AMADOR NORIEGA, Jesus Antonio; GILBERT, James Michael  
(74) AJ PARK
- 
- (71) FMC Corporation  
(11) AU-A-2019339336  
(21) 2019339336 (22) 11.09.2019  
(54) Isoxazoline compounds for controlling invertebrate pests  
(51) Int. Cl.  
**C07D 413/04** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )
- (87) WO2020/055955  
(31) 62/730,067 (32) 12.09.18 (33) US  
(43) 19.03.2020  
(72) XU, Ming; LAHM, George Philip  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Foss Analytical A/S  
(11) AU-A-2019377262  
(21) 2019377262 (22) 11.10.2019  
(54) Milk analyser for classifying milk  
(51) Int. Cl.  
**G06K 9/46** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )
- (87) WO2020/095131  
(31) PA201800836 (32) 07.11.18 (33) DK  
(43) 14.05.2020  
(72) TAURO, Sandeep Christopher; BARTHWAL, Samarth; SPARRE, Sara Zollfrank  
(74) Spruson & Ferguson
- 
- (71) Foss Analytical A/S  
(11) AU-A-2019397575  
(21) 2019397575 (22) 19.11.2019  
(54) System for and method of forming a batch of a meat product  
(51) Int. Cl.  
**A22C 5/00** ( 2006.01 )  
**A22C 17/00** ( 2006.01 )  
**A22C 18/00** ( 2006.01 )
- (87) WO2020/121087  
(31) PA201800979 (32) 10.12.18 (33) DK  
(43) 18.06.2020  
(72) LINN, Stefan  
(74) Spruson & Ferguson
- 
- (71) Fugro N.V.  
(11) AU-A-2020279903  
(21) 2020279903 (22) 16.04.2020  
(54) Systems and methods for finding and sampling hydrocarbons in water  
(51) Int. Cl.  
**G01N 33/18** ( 2006.01 )  
**G01N 33/28** ( 2006.01 )  
**G01V 9/00** ( 2006.01 )
- (87) WO2020/234659  
(31) 62/851,193 (32) 22.05.19 (33) US  
(43) 26.11.2020  
(72) ARJOONSINGH, Shiva Prakash; BAKSMATY, Leslie Owuraku; DOHERTY, James Charles; LISSARD, Eric Carroll; KING, Benjamin; MARTIN, Dickie; SHARMAN, Gary Martin; STEVENS, Mark  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Fujitsu Limited  
(11) AU-A-2018440274  
(21) 2018440274 (22) 07.09.2018  
(54) Specification method, specification program, and information processing device  
(51) Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**G16B 30/00** ( 2019.01 )
- (87) WO2020/049748
- 
- (71) Genie Enterprise Ltd.  
(11) AU-A-2018435992  
(21) 2018435992 (22) 07.08.2018  
(54) Automated, computer-controlled, cooking system and method  
(51) Int. Cl.  
**B25J 9/00** ( 2006.01 )
- (87) WO2020/031166  
(43) 13.02.2020  
(72) MARCO, Doron; CARASSO, Ayelet; GALAZAN, Ben  
(74) Spruson & Ferguson
- 
- (71) Gen-Probe Incorporated  
(11) AU-A-2019326462  
(21) 2019326462 (22) 21.08.2019  
(54) Compositions and methods for amplifying, detecting or quantifying human cytomegalovirus  
(51) Int. Cl.  
**C12Q 1/70** ( 2006.01 )
- (87) WO2020/041414  
(31) 62/720,658 (32) 21.08.18 (33) US  
(43) 27.02.2020  
(72) DARBY, Paul; MIICK, Siobhan; JACKSON, Jo Ann; KIM, Hee Cheol; HILLIUS, Amber; SHAH, Ankur  
(74) FB Rice Pty Ltd
- 
- (71) Genzyme Corporation; Sanofi-Aventis Recherche & Developpement  
(11) AU-A-2019314529  
(21) 2019314529 (22) 02.08.2019  
(54) Variant RNAi against alpha-synuclein  
(51) Int. Cl.  
**C12N 15/113** ( 2010.01 )
- (87) WO2020/028816  
(31) 62/714,616 (32) 03.08.18 (33) US  
(43) 06.02.2020  
(72) ELMER, Bradford; RICHARDS, Brenda; LATTA-MAHIEU, Martine; OBINU, Maria Carmen; TAUPIN, Véronique; BLANCHARD, Véronique  
(74) Griffith Hack
- 
- (71) Geobruugg AG  
(11) AU-A-2019348479  
(21) 2019348479 (22) 24.09.2019

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

- (54) Protective device, slope securing means as well as use of and method for producing the protective device  
 (51) Int. Cl.  
*D04H 3/002* ( 2012.01 )  
*D04H 3/011* ( 2012.01 )  
*D04H 3/016* ( 2012.01 )  
*D04H 3/07* ( 2012.01 )  
*D04H 3/147* ( 2012.01 )  
*E02B 3/12* ( 2006.01 )  
*E02D 17/20* ( 2006.01 )  
 (87) WO2020/064725  
 (31) 10 2018 123 477.5 (32) 24.09.18 (33) DE  
 (43) 02.04.2020  
 (72) WENDELER-GÖGGELMANN, Corinna  
 (74) Spruson & Ferguson
- 
- (71) Geomni, Inc.  
 (11) AU-A-2019350710  
 (21) 2019350710 (22) 24.09.2019  
 (54) System and method for generating floor plans using user device sensors  
 (51) Int. Cl.  
*G06T 11/00* ( 2006.01 )  
*G06T 17/00* ( 2006.01 )  
*G06T 19/00* ( 2011.01 )  
 (87) WO2020/068807  
 (31) 62/735,260 (32) 24.09.18 (33) US  
 (43) 02.04.2020  
 (72) LEWIS, Jeffery D.; TALOR, Jeffrey C.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Graphic Packaging International, LLC  
 (11) AU-A-2019356899  
 (21) 2019356899 (22) 08.10.2019  
 (54) Carton with handle  
 (51) Int. Cl.  
*B65D 5/46* ( 2006.01 )  
*B65D 5/42* ( 2006.01 )  
*B65D 5/54* ( 2006.01 )  
*B65D 5/66* ( 2006.01 )  
 (87) WO2020/076781  
 (31) 62/743,221 (32) 09.10.18 (33) US  
 (43) 16.04.2020  
 (72) THOMPSON, Jon  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Gree Electric Appliances, Inc., of Zhuhai  
 (11) AU-A-2019384229  
 (21) 2019384229 (22) 22.07.2019  
 (54) Direct current electric appliance control method and direct current electric appliance  
 (51) Int. Cl.  
*G01R 31/00* ( 2006.01 )  
 (87) WO2020/103481  
 (31) 201811378033.4 (32) 19.11.18 (33) CN  
 (43) 28.05.2020  
 (72) WANG, Jing; JIANG, Shiyong; LIU, Keqin; WEN, Wu; ZHANG, Xuefen; REN, Peng  
 (74) Madderns Pty Ltd
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.  
 (11) AU-A-2018436721  
 (21) 2018436721 (22) 17.08.2018  
 (54) Discontinuous transmission method and device  
 (51) Int. Cl.  
*H04W 52/02* ( 2009.01 )  
 (87) WO2020/034218  
 (43) 20.02.2020  
 (72) SHI, Cong  
 (74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018436336  
 (21) 2018436336 (22) 10.08.2018  
 (54) Wireless communication method, terminal device, and network device  
 (51) Int. Cl.  
*H04W 16/28* ( 2009.01 )  
 (87) WO2020/029275  
 (43) 13.02.2020  
 (72) YOU, Xin; WANG, Shukun; YANG, Ning  
 (74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018440564  
 (21) 2018440564 (22) 07.09.2018  
 (54) Method for transmitting configuration information and terminal device  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
*H04W 76/12* ( 2018.01 )  
 (87) WO2020/047856  
 (43) 12.03.2020  
 (72) ZHAO, Zhenshan; LU, Qianxi; LIN, Hui-Ming  
 (74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2018443159  
 (21) 2018443159 (22) 28.09.2018  
 (54) Information transmission method and apparatus, and terminal and network device  
 (51) Int. Cl.  
*H04W 72/10* ( 2009.01 )  
 (87) WO2020/061995  
 (43) 02.04.2020  
 (72) WANG, Shukun; LIU, Jianhua; YANG, Ning  
 (74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2019461885  
 (21) 2019461885 (22) 12.08.2019  
 (54) Session establishment method and apparatus  
 (51) Int. Cl.  
*H04W 4/10* ( 2009.01 )  
*H04W 4/02* ( 2018.01 )  
*H04W 76/00* ( 2018.01 )  
 (87) WO2021/026746  
 (43) 18.02.2021  
 (72) YANG, Haorui; LIU, Jianhua  
 (74) Shelston IP Pty Ltd.
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018441184  
 (21) 2018441184 (22) 14.09.2018  
 (54) Methods and apparatuses for determining and allocating resources, and terminal and network device  
 (51) Int. Cl.  
*H04W 72/00* ( 2009.01 )  
 (87) WO2020/051919  
 (43) 19.03.2020  
 (72) TANG, Hai  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018441778  
 (21) 2018441778 (22) 18.09.2018  
 (54) Synchronization signal transmission method, transmitting end device and receiving end device  
 (51) Int. Cl.  
*H04W 28/02* ( 2009.01 )  
 (87) WO2020/056607  
 (43) 26.03.2020  
 (72) XU, Weijie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018442262  
 (21) 2018442262 (22) 21.09.2018  
 (54) Random access method and apparatus, network device, and terminal  
 (51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
 (87) WO2020/056721  
 (43) 26.03.2020  
 (72) WANG, Shukun  
 (74) Shelston IP Pty Ltd.
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-A-2018448037  
 (21) 2018448037 (22) 30.10.2018  
 (54) Data processing method, terminal device and storage medium  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
 (87) WO2020/087267  
 (43) 07.05.2020  
 (72) LU, Qianxi  
 (74) Shelston IP Pty Ltd.
- 
- (71) Haemonetics Corporation  
 (11) AU-A-2019329695  
 (21) 2019329695 (22) 26.08.2019  
 (54) Apheresis device controller  
 (51) Int. Cl.  
*A61M 1/30* ( 2006.01 )  
*A61M 1/34* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )  
*A61M 1/38* ( 2006.01 )  
 (87) WO2020/046805  
 (31) 62/722,932 (32) 26.08.18 (33) US



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

(43) 05.03.2020  
(72) TAN, Melvin  
(74) Griffith Hack

---

(71) Haemonetics Corporation  
(11) AU-A-2019329701  
(21) 2019329701 (22) 26.08.2019  
(54) System and method for plasma donor engagement  
(51) Int. Cl.  
*G06Q 10/08* ( 2012.01 )  
*G06Q 10/10* ( 2012.01 )  
*G06Q 50/00* ( 2012.01 )  
*G09B 23/28* ( 2006.01 )  
*G16H 40/63* ( 2018.01 )  
(87) WO2020/046816  
(31) 62/722,930 (32) 26.08.18 (33) US  
(43) 05.03.2020  
(72) TAN, Melvin  
(74) Griffith Hack

---

(71) Haemonetics Corporation  
(11) AU-A-2019331418  
(21) 2019331418 (22) 26.08.2019  
(54) Health care provider data systems processing and analytics  
(51) Int. Cl.  
*G06Q 50/00* ( 2012.01 )  
(87) WO2020/046817  
(31) 62/722,929 (32) 26.08.18 (33) US  
(43) 05.03.2020  
(72) TAN, Melvin; ODEEN, James; CAIRNS, Christopher; SHEEHAN, Ronald  
(74) Griffith Hack

---

(71) Haemonetics Corporation  
(11) AU-A-2019332818  
(21) 2019332818 (22) 26.08.2019  
(54) System and method for remotely obtaining donor information  
(51) Int. Cl.  
*G16H 10/60* ( 2018.01 )  
*G06Q 10/00* ( 2012.01 )  
*G06Q 50/22* ( 2018.01 )  
(87) WO2020/046790  
(31) 62/722,933 (32) 26.08.18 (33) US  
(43) 05.03.2020  
(72) TAN, Melvin  
(74) Griffith Hack

---

(71) Haier Smart Home Co., Ltd.  
(11) AU-A-2019335262  
(21) 2019335262 (22) 22.08.2019  
(54) Refrigerator  
(51) Int. Cl.  
*F25D 25/02* ( 2006.01 )  
(87) WO2020/048320  
(31) 201821433767.3 (32) 03.09.18 (33) CN  
(43) 12.03.2020  
(72) YANG, Falin; ZHANG, Jian; WEI, Dong; WU, Guangrui; YANG, Zhongling  
(74) Shelston IP Pty Ltd.

---

(71) Hebei Veyong Bio-Chemical Co., Ltd  
(11) AU-A-2018449575  
(21) 2018449575 (22) 26.11.2018

(54) Catalyst system and method for preparing azoxystrobin or intermediates thereof by using catalyst system  
(51) Int. Cl.  
*B01J 31/02* ( 2006.01 )  
*C07D 213/643* ( 2006.01 )  
*C07D 239/34* ( 2006.01 )  
*C07D 239/52* ( 2006.01 )  
(87) WO2020/097971  
(31) 201811363122.1 (32) 16.11.18 (33) CN  
(43) 22.05.2020  
(72) FAN, Zhaohui; WANG, Lichao; ZHAO, Na; ZHANG, Yaolin; LI, Lihua; GAO, Qian; JIA, Chengguo  
(74) MINTER ELLISON

---

(71) Heineken Supply Chain B.V.  
(11) AU-A-2018441183  
(21) 2018441183 (22) 10.09.2018  
(54) Non-alcoholic fermented beer having improved flavour  
(51) Int. Cl.  
*C12C 12/04* ( 2006.01 )  
*C12H 3/00* ( 2019.01 )  
(87) WO2020/055233  
(43) 19.03.2020  
(72) GERNAT, Deborah Cassandra; BROUWER, Eric Richard; OTTENS, Marcel  
(74) Griffith Hack

---

(71) Heron Therapeutics, Inc.  
(11) AU-A-2019337104  
(21) 2019337104 (22) 06.09.2019  
(54) Post-surgical pain treatment  
(51) Int. Cl.  
*A61K 31/445* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61K 31/5415* ( 2006.01 )  
*A61P 23/00* ( 2006.01 )  
*A61P 23/02* ( 2006.01 )  
(87) WO2020/051543  
(31) 62/728,732 (32) 07.09.18 (33) US  
62/860,190 11.06.19 US  
(43) 12.03.2020  
(72) QUART, Barry D.; OTTOBONI, Thomas B.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Hilti Aktiengesellschaft  
(11) AU-A-2019366731  
(21) 2019366731 (22) 23.10.2019  
(54) Fire proofing element for sealing passages in construction elements  
(51) Int. Cl.  
*A62C 2/06* ( 2006.01 )  
*E04B 1/94* ( 2006.01 )  
*E06B 5/16* ( 2006.01 )  
*F16L 5/04* ( 2006.01 )  
(87) WO2020/083954  
(31) 18202277.2 (32) 24.10.18 (33) EP  
(43) 30.04.2020  
(72) AHLERS, Andreas; SIMON, Sebastian; PREM, Ramona; WILLNER, Ralf; FREUDLING, Sarah  
(74) Shelston IP Pty Ltd.

(71) Hilti Aktiengesellschaft  
(11) AU-A-2019368658  
(21) 2019368658 (22) 23.10.2019  
(54) Composite material and fire proofing element for sealing passages and joints in construction elements  
(51) Int. Cl.  
*A62C 2/06* ( 2006.01 )  
*E04B 1/94* ( 2006.01 )  
*E06B 5/16* ( 2006.01 )  
*F16L 5/04* ( 2006.01 )  
(87) WO2020/083953  
(31) 18202290.5 (32) 24.10.18 (33) EP  
(43) 30.04.2020  
(72) SIMON, Sebastian; AHLERS, Andreas; PREM, Ramona; WILLNER, Ralf; FREUDLING, Sarah; ANDREAE, Sigrid; WOLFER, Claudio; SCHREINER, Michael  
(74) Shelston IP Pty Ltd.

---

(71) Hilti Aktiengesellschaft  
(11) AU-A-2019369134  
(21) 2019369134 (22) 23.10.2019  
(54) Composite material and fire proofing element for sealing passages and joints in construction elements  
(51) Int. Cl.  
*A62C 2/06* ( 2006.01 )  
*E04B 1/94* ( 2006.01 )  
*E06B 5/16* ( 2006.01 )  
*F16L 5/04* ( 2006.01 )  
(87) WO2020/083956  
(31) 18202284.8 (32) 24.10.18 (33) EP  
(43) 30.04.2020  
(72) SIMON, Sebastian; AHLERS, Andreas; PREM, Ramona; WILLNER, Ralf; FREUDLING, Sarah; ANDREAE, Sigrid; WOLFER, Claudio; SCHREINER, Michael  
(74) Shelston IP Pty Ltd.

---

(71) HMI Ltd.  
(11) AU-A-2019349968  
(21) 2019349968 (22) 22.09.2019  
(54) Fluid driven solar panel cleaning system  
(51) Int. Cl.  
*F24S 40/20* ( 2018.01 )  
*B08B 1/00* ( 2006.01 )  
*B08B 1/04* ( 2006.01 )  
*B08B 3/02* ( 2006.01 )  
*H02S 40/10* ( 2014.01 )  
(87) WO2020/065644  
(31) 62/765,972 (32) 25.09.18 (33) US  
62/895,512 04.09.19 US  
(43) 02.04.2020  
(72) NAGLER, Ehud; SHAMIR, Menashe  
(74) LAMINAR IP PTY LTD

---

(71) Honda Motor Co., Ltd.  
(11) AU-A-2018437976  
(21) 2018437976 (22) 24.08.2018  
(54) Work machine  
(51) Int. Cl.  
*A01D 34/67* ( 2006.01 )  
(87) WO2020/039582

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

- (43) 27.02.2020  
(72) KURIYAGAWA, Koji; SUEYOSHI, Shunichiro  
(74) Spruson & Ferguson
- 
- (71) Hough Ear Institute  
(11) AU-A-2019339352  
(21) 2019339352 (22) 11.09.2019  
(54) Methods for treating hearing loss incident to cochlear implant surgery  
(51) Int. Cl.  
A61K 31/10 ( 2006.01 )  
A61K 31/15 ( 2006.01 )  
A61P 27/16 ( 2006.01 )  
(87) WO2020/056056  
(31) 62/730,431 (32) 12.09.18 (33) US  
(43) 19.03.2020  
(72) KOPKE, Richard D.  
(74) FB Rice Pty Ltd
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2018441905  
(21) 2018441905 (22) 21.09.2018  
(54) Method for low-temperature protection of electronic device and electronic device  
(51) Int. Cl.  
H01M 10/42 ( 2006.01 )  
H02J 7/00 ( 2006.01 )  
(87) WO2020/056747  
(43) 26.03.2020  
(72) CHEN, Bowen; LI, Siyang; XING, Zhe; YANG, Jie  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019317676  
(21) 2019317676 (22) 02.08.2019  
(54) Reference signal sending and receiving method and apparatus  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
(87) WO2020/029896  
(31) 201810911934.9 (32) 10.08.18 (33) CN  
(43) 13.02.2020  
(72) FEI, Yongqiang; GUO, Zhiheng; XIE, Xinqian; BI, Wenping  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019321888  
(21) 2019321888 (22) 12.08.2019  
(54) Method and apparatus for changing wireless capabilities of processing terminal apparatus  
(51) Int. Cl.  
H04W 24/02 ( 2009.01 )  
(87) WO2020/034920  
(31) 201810918770.2 (32) 13.08.18 (33) CN  
(43) 20.02.2020  
(72) LIU, Ruizhi; ZHANG, Wanqiang; HUANG, Zhenglei; SUN, Haiyang  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019335453
- (21) 2019335453 (22) 03.09.2019  
(54) Method and apparatus for intra prediction  
(51) Int. Cl.  
H04N 19/593 ( 2014.01 )  
(87) WO2020/048463  
(31) 62/726,419 (32) 03.09.18 (33) US  
(43) 12.03.2020  
(72) WANG, Biao; ESENLIK, Semih; KO-TRA, Anand Meher; GAO, Han; CHEN, Jianle; ZHAO, Zhijie  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019336062  
(21) 2019336062 (22) 06.09.2019  
(54) Method and apparatus for interpolation filtering for intra- and inter-prediction in video coding  
(51) Int. Cl.  
H04N 19/50 ( 2014.01 )  
H04N 19/132 ( 2014.01 )  
H04N 19/14 ( 2014.01 )  
H04N 19/82 ( 2014.01 )  
(87) WO2020/050752  
(31) 62/728,666 (32) 07.09.18 (33) US  
(43) 12.03.2020  
(72) CHEN, Jianle; RUFITSKIY, Vasily Alexeevich; FILIPPOV, Alexey Konstantinovich  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Hull, J.; Hull, K.  
(11) AU-A-2019338430  
(21) 2019338430 (22) 13.09.2019  
(54) Smoke alarm system  
(51) Int. Cl.  
G08B 17/10 ( 2006.01 )  
G08C 17/02 ( 2006.01 )  
H02H 1/00 ( 2006.01 )  
H02H 5/00 ( 2006.01 )  
H04B 3/54 ( 2006.01 )  
(87) WO2020/051645  
(31) 2018903471 (32) 14.09.18 (33) AU  
(43) 19.03.2020  
(72) HULL, Joshua; HULL, Kevin  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) I.V.A.R. S.p.A.  
(11) AU-A-2019337476  
(21) 2019337476 (22) 29.08.2019  
(54) Device and method for filtering a fluid circulating in a plumbing and heating system  
(51) Int. Cl.  
B01D 29/15 ( 2006.01 )  
C02F 1/00 ( 2006.01 )  
B01D 35/06 ( 2006.01 )  
B03C 1/28 ( 2006.01 )  
C02F 1/48 ( 2006.01 )  
F24D 19/00 ( 2006.01 )  
F28F 19/01 ( 2006.01 )  
C02F 103/02 ( 2006.01 )  
(87) WO2020/053691  
(31) 102018000008461 (32) 10.09.18 (33) IT
- 
- (43) 19.03.2020  
(72) BERTOLOTTI, Umberto; CONTINI, Mario  
(74) Spruson & Ferguson
- 
- (71) Igloo Products Corp.  
(11) AU-A-2019376154  
(21) 2019376154 (22) 08.11.2019  
(54) Container lid with push button and linearly translating locking mechanism  
(51) Int. Cl.  
A45F 3/16 ( 2006.01 )  
A45F 3/18 ( 2006.01 )  
A47G 19/22 ( 2006.01 )  
B65D 1/02 ( 2006.01 )  
B65D 23/10 ( 2006.01 )  
B65D 43/02 ( 2006.01 )  
(87) WO2020/097501  
(31) 62/757,793 (32) 09.11.18 (33) US  
(43) 14.05.2020  
(72) TSAI, Vincent  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Illumina, Inc.; Illumina Cambridge Limited  
(11) AU-A-2019336239  
(21) 2019336239 (22) 06.09.2019  
(54) A method to determine if a circulating fetal cell isolated from a pregnant mother is from either the current or a historical pregnancy  
(51) Int. Cl.  
G16B 20/20 ( 2019.01 )  
C12Q 1/6827 ( 2018.01 )  
(87) WO2020/051542  
(31) 62/728,670 (32) 07.09.18 (33) US  
(43) 12.03.2020  
(72) CRAIG, Andrew; KAPER, Fiona  
(74) Spruson & Ferguson
- 
- (71) IMEL Biotherapeutics, Inc.  
(11) AU-A-2019321556  
(21) 2019321556 (22) 13.08.2019  
(54) Methods and compositions for treating mitochondrial disease or disorders and heteroplasmy  
(51) Int. Cl.  
C12N 9/22 ( 2006.01 )  
A61K 35/00 ( 2006.01 )  
A61K 35/12 ( 2015.01 )  
A61K 35/28 ( 2015.01 )  
A61K 45/06 ( 2006.01 )  
(87) WO2020/036973  
(31) 62/817,987 (32) 13.03.19 (33) US  
62/731,731 14.09.18 US  
62/718,891 14.08.18 US  
(43) 20.02.2020  
(72) GOJO, Satoshi; KAMI, Daisuke; MAEDA, Hideki  
(74) FB Rice Pty Ltd
- 
- (71) Immune Biosolutions Inc; SOCPRA Sciences Sante et Humaines S.E.C.  
(11) AU-A-2019330494  
(21) 2019330494 (22) 30.08.2019

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

- (54) Antibodies specific for NTSR1 and uses thereof
- (51) Int. Cl.  
**C07K 7/54** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 7/02** ( 2006.01 )  
**C07K 7/52** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )
- (87) WO2020/041896
- (31) 62/725,451 (32) 31.08.18 (33) US
- (43) 05.03.2020
- (72) MARSAULT, Eric; BOUDREAULT, Pierre-Luc; TRABOULSI, Hassan; SARRRET, Philippe; NEPVEU-TRAVERSY, Marie-Édith; GAUDREAU, Simon; LEDUC, Frédéric; LARRIVÉE, Jean-François; ARCAND, Mathieu
- (74) Davies Collison Cave Pty Ltd
- 
- (71) Incyte Corporation
- (11) AU-A-2019336675
- (21) 2019336675 (22) 04.09.2019
- (54) Crystalline forms of a phosphoinositide 3-kinase (PI3K) inhibitor
- (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**C07D 471/02** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )
- (87) WO2020/051169
- (31) 62/727,321 (32) 05.09.18 (33) US  
 62/727,328 05.09.18 US  
 62/727,339 05.09.18 US  
 62/746,928 17.10.18 US
- (43) 12.03.2020
- (72) DOUTY, Brent; BURNS, David M.; COMBS, Andrew P.; JIA, Zhongjiang; LEVY, Daniel; YUE, Eddy W.
- (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Innopharmascreeen, Inc.
- (11) AU-A-2019334202
- (21) 2019334202 (22) 05.09.2019
- (54) Methods and compositions for treatment of asthma or parkinson's disease
- (51) Int. Cl.  
**A61K 31/155** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )
- (87) WO2020/049505
- (31) 62/727,858 (32) 06.09.18 (33) US
- (43) 12.03.2020
- (72) KANG, Incheol; PARK, Jeseong
- (74) Spruson & Ferguson
- 
- (71) Innovative Cellular Therapeutics Holdings, Ltd.; Innovative Cellular Therapeutics Inc.
- (11) AU-A-2019327490
- (21) 2019327490 (22) 29.08.2019
- (54) Chimeric antigen receptor cells for treating solid tumor
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )
- (87) WO2020/047306
- (31) 62/725,025 (32) 30.08.18 (33) US  
 62/731,079 13.09.18 US  
 62/754,175 01.11.18 US  
 62/807,482 19.02.19 US  
 62/842,936 03.05.19 US  
 62/848,984 16.05.19 US
- (43) 05.03.2020
- (72) XIAO, Lei; SUN, He; CAO, Zhiyuan; WANG, Wensheng; PU, Chengfei; MAO, Li
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Inositec AG
- (11) AU-A-2019342857
- (21) 2019342857 (22) 18.09.2019
- (54) Calcium oxalate crystallization inhibitors for renal disorders
- (51) Int. Cl.  
**A61K 31/683** ( 2006.01 )  
**C07F 9/09** ( 2006.01 )
- (87) WO2020/058321
- (31) 18195316.7 (32) 18.09.18 (33) EP  
 19164195.0 20.03.19 EP
- (43) 26.03.2020
- (72) IVARSSON, Mattias Emanuel; LEROUX, Jean-Christophe; KLETZMAYR, Anna
- (74) Shelley Rowland
- 
- (71) Interface, Inc.
- (11) AU-A-2019333292
- (21) 2019333292 (22) 30.08.2019
- (54) Digital printing for flooring and decorative structures
- (51) Int. Cl.  
**G06F 3/12** ( 2006.01 )  
**B41M 3/00** ( 2006.01 )
- (87) WO2020/047350
- (31) 62/724,800 (32) 30.08.18 (33) US
- (43) 05.03.2020
- (72) RIPLEY, Graeme Robert; BRADFORD, John Proctor
- (74) Spruson & Ferguson
- 
- (71) Inventia Healthcare Limited
- (11) AU-A-2019350611
- (21) 2019350611 (22) 25.09.2019
- (54) Curcuminoid composites
- (51) Int. Cl.  
**A61K 36/9066** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )
- (87) WO2020/065548
- (31) 201821036345 (32) 26.09.18 (33) IN
- (43) 02.04.2020
- (72) SHAH, Vaibhavi; REDASANI, Vijayendrakumar; ABDUL, Shajahan; SHAH, Vishal; SHAH, Rajat
- (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Invinity Energy Systems (Ireland) Limited
- (11) AU-A-2019318116
- (21) 2019318116 (22) 08.08.2019
- (54) Flow battery and a method for balancing the SOC
- (51) Int. Cl.  
**H01M 50/50** ( 2021.01 )  
**H01M 8/18** ( 2006.01 )  
**H01M 50/569** ( 2021.01 )
- (87) WO2020/030762
- (31) 1812888.4 (32) 08.08.18 (33) GB
- (43) 13.02.2020
- (72) UNDERWOOD, Richard; WHITEHEAD, Adam; RIDLEY, Peter
- (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Invuity, Inc.
- (11) AU-A-2019332931
- (21) 2019332931 (22) 27.08.2019
- (54) Electrosurgical device, methods of making an electrosurgical device, and methods of using an electrosurgical device
- (51) Int. Cl.  
**A61B 18/14** ( 2006.01 )
- (87) WO2020/046921
- (31) 62/723,054 (32) 27.08.18 (33) US
- (43) 05.03.2020
- (72) ZAGATSKY, Vladimir
- (74) Davies Collison Cave Pty Ltd
- 
- (71) IR Scientific Inc.
- (11) AU-A-2019335429
- (21) 2019335429 (22) 04.09.2019
- (54) Glass composition
- (51) Int. Cl.  
**C03C 3/14** ( 2006.01 )  
**A61K 6/20** ( 2020.01 )  
**A61K 8/19** ( 2006.01 )  
**A61K 8/25** ( 2006.01 )  
**A61K 33/00** ( 2006.01 )  
**A61P 1/02** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**C03C 3/23** ( 2006.01 )
- (87) WO2020/047662
- (31) 62/727,377 (32) 05.09.18 (33) US  
 62/847,807 14.05.19 US
- (43) 12.03.2020
- (72) BOYD, Daniel; O'CONNELL, Kathleen; MACDONALD-PARSONS, Kathleen Naomi
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Itron, Inc.
- (11) AU-A-2019357719
- (21) 2019357719 (22) 10.10.2019
- (54) Group smart sensor management service
- (51) Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**G01D 4/00** ( 2006.01 )  
**G06Q 10/00** ( 2012.01 )
- (87) WO2020/077145
- (31) 16/156,686 (32) 10.10.18 (33) US

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

- (43) 16.04.2020  
(72) ESTES, Jason  
(74) Spruson & Ferguson
- 
- (71) Jaeggi Hybridtechnologie Ag  
(11) AU-A-2019358227  
(21) 2019358227 (22) 09.10.2019  
(54) Heat exchanger device with adiabatic air cooler  
(51) Int. Cl.  
F28C 1/14 ( 2006.01 )  
F24F 3/14 ( 2006.01 )  
F24F 5/00 ( 2006.01 )  
F28D 1/02 ( 2006.01 )  
F28D 1/04 ( 2006.01 )  
F28D 5/00 ( 2006.01 )  
F28F 25/04 ( 2006.01 )  
F28F 25/06 ( 2006.01 )  
F28F 25/08 ( 2006.01 )  
(87) WO2020/074587  
(31) 10 2018 125 278.1 (32) 12.10.18 (33) DE  
(43) 16.04.2020  
(72) CHIARADIA, Nicolas; SCHAUB, Tobias; ROSADO, Jorge; MESTAN, Stephan; ODRICH, Thomas  
(74) AJ Pietras IP Limited
- 
- (71) Jaguahr Therapeutics Pte Ltd  
(11) AU-A-2019323714  
(21) 2019323714 (22) 23.08.2019  
(54) Tetrahydropyridopyrimidine derivatives as AhR modulators  
(51) Int. Cl.  
C07D 471/04 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 487/04 ( 2006.01 )  
(87) WO2020/039093  
(31) 10201807244X (32) 24.08.18 (33) SG  
(43) 27.02.2020  
(72) METE, Antonio; HITCHIN, James R.; GRAHAM, Mark; KING-UNDERWOOD, John; THORNE, Philip Vellacott,  
(74) AJ PARK
- 
- (71) Jaguahr Therapeutics Pte Ltd  
(11) AU-A-2019331665  
(21) 2019331665 (22) 30.08.2019  
(54) Heterocyclic compounds as AHR modulators  
(51) Int. Cl.  
A61P 37/00 ( 2006.01 )  
A61K 31/4155 ( 2006.01 )  
C07D 403/12 ( 2006.01 )  
C07D 413/12 ( 2006.01 )  
C07D 417/12 ( 2006.01 )  
(87) WO2020/043880  
(31) 10201807515T (32) 31.08.18 (33) SG  
(43) 05.03.2020  
(72) METE, Antonio; HITCHIN, James R.; GRAHAM, Mark  
(74) AJ PARK
- 
- (71) Janssen Biotech, Inc.  
(11) AU-A-2019347730  
(21) 2019347730 (22) 24.09.2019
- 
- (54) Method of providing safe administration of an anti-CD154 antibody  
(51) Int. Cl.  
A61K 39/395 ( 2006.01 )  
A61K 38/17 ( 2006.01 )  
C07K 16/18 ( 2006.01 )  
(87) WO2020/068723  
(31) 62/735,529 (32) 24.09.18 (33) US  
62/826,131 29.03.19 US  
(43) 02.04.2020  
(72) RIGBY, Mark; RAIBLE, Donald; PI-ANTONE, Alexa; LEU, Jocelyn; SABINS, Nina Chi  
(74) Shelston IP Pty Ltd.
- 
- (71) Jennewein Biotechnologie GmbH  
(11) AU-A-2019336311  
(21) 2019336311 (22) 02.09.2019  
(54) Fermentative production of oligosaccharides by total fermentation utilizing a mixed feedstock  
(51) Int. Cl.  
C12N 1/20 ( 2006.01 )  
C12N 9/10 ( 2006.01 )  
C12N 15/70 ( 2006.01 )  
(87) WO2020/048927  
(31) 18192898.7 (32) 06.09.18 (33) EP  
(43) 12.03.2020  
(72) JENNEW EIN, Stefan; WARTENBERG, Dirk; PARSCHAT, Katja  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Jiangsu Jiuxu Haitian Pharmaceutical Co., Ltd; Li, H.  
(11) AU-A-2019343240  
(21) 2019343240 (22) 17.09.2019  
(54) Traditional Chinese medicine composition for treating metabolic syndrome and preparations thereof  
(51) Int. Cl.  
A61K 36/8888 ( 2006.01 )  
A61K 36/06 ( 2006.01 )  
A61K 36/428 ( 2006.01 )  
A61K 36/54 ( 2006.01 )  
A61K 36/718 ( 2006.01 )  
A61K 36/75 ( 2006.01 )  
A61P 3/00 ( 2006.01 )  
A61P 3/06 ( 2006.01 )  
A61P 3/10 ( 2006.01 )  
(87) WO2020/057503  
(31) 201811080557.5 (32) 17.09.18 (33) CN  
(43) 26.03.2020  
(72) LI, Hong; LIU, Ximing  
(74) Shelston IP Pty Ltd.
- 
- (71) Jilfinity and Beyond, LLC.  
(11) AU-A-2019329691  
(21) 2019329691 (22) 26.08.2019  
(54) Mascara applicator  
(51) Int. Cl.  
A45D 40/26 ( 2006.01 )  
(87) WO2020/046803  
(31) 16/116,586 (32) 29.08.18 (33) US  
(43) 05.03.2020  
(72) DEMPSEY, Jillian  
(74) Spruson & Ferguson
- 
- (71) Johnson & Johnson Consumer Inc.  
(11) AU-A-2019336987  
(21) 2019336987 (22) 30.08.2019  
(54) Apparatus and method for assessing emotion of infants and young children  
(51) Int. Cl.  
A61B 5/377 ( 2021.01 )  
A61B 5/291 ( 2021.01 )  
(87) WO2020/049430  
(31) 62/726,643 (32) 04.09.18 (33) US  
(43) 12.03.2020  
(72) COUBART, Aurelie; GIL-LÓPEZ, Cristina; ZUNINO, Helene  
(74) Shelston IP Pty Ltd.
- 
- (71) Juno Therapeutics, Inc.  
(11) AU-A-2019339464  
(21) 2019339464 (22) 11.09.2019  
(54) Methods for mass spectrometry analysis of engineered cell compositions  
(51) Int. Cl.  
G01N 33/569 ( 2006.01 )  
G01N 33/68 ( 2006.01 )  
(87) WO2020/056047  
(31) 62/729,985 (32) 11.09.18 (33) US  
(43) 19.03.2020  
(72) PRENTICE, Kenneth Mayo  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Kardion GmbH  
(11) AU-A-2019320533  
(21) 2019320533 (22) 07.08.2019  
(54) Bearing device for a heart support system, and method for rinsing a space in a bearing device for a heart support system  
(51) Int. Cl.  
A61M 60/00 ( 2021.01 )  
(87) WO2020/030700  
(31) 10 2018 213 150.3 (32) 07.08.18 (33) DE  
(43) 13.02.2020  
(72) STOTZ, Ingo; EIBERGER, Fabian  
(74) Griffith Hack
- 
- (71) Karl Leibinger Medizintechnik GmbH & Co. KG  
(11) AU-A-2019336325  
(21) 2019336325 (22) 04.09.2019  
(54) Laser-sintered filter, method for producing the filter, and method for ensuring fluid flow  
(51) Int. Cl.  
B01D 39/16 ( 2006.01 )  
B01D 67/00 ( 2006.01 )  
B01D 71/26 ( 2006.01 )  
C08J 9/24 ( 2006.01 )  
(87) WO2020/049020  
(31) 10 2018 121 552.5 (32) 04.09.18 (33) DE  
(43) 12.03.2020  
(72) AKSU, Adem; REINAUER, Frank; WOLFRAM, Tobias  
(74) Shelston IP Pty Ltd.
- 
- (71) Khalifa University of Science and Technology; Abu Dhabi National Oil Company  
(11) AU-A-2018435824

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

- (21) 2018435824 (22) 07.08.2018  
 (54) Imaging system for analyzing a multiphase flow  
 (51) Int. Cl.  
*G01F 1/66* ( 2006.01 )  
*G01F 1/704* ( 2006.01 )  
*G01F 1/708* ( 2006.01 )  
*G01F 1/74* ( 2006.01 )  
 (87) WO2020/030947  
 (43) 13.02.2020  
 (72) MERIBOUT, Mahmoud; AL HOSANI, Esra  
 (74) Griffith Hack
- 
- (71) Knorr-Bremse Systeme Für Nutzfahrzeuge GmbH  
 (11) AU-A-2019334152  
 (21) 2019334152 (22) 02.08.2019  
 (54) Pneumatic actuating element, exhaust air system, housing having an exhaust air system, pneumatic actuator  
 (51) Int. Cl.  
*F15B 21/048* ( 2019.01 )  
 (87) WO2020/048700  
 (31) 10 2018 215 300.0 (32) 07.09.18 (33) DE  
 (43) 12.03.2020  
 (72) KRAL, Martin; GEIS-ESSER, Daniel  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Komatsu Ltd.  
 (11) AU-A-2019382333  
 (21) 2019382333 (22) 17.09.2019  
 (54) System and method for automatically controlling work machinery including working machine  
 (51) Int. Cl.  
*E02F 3/85* ( 2006.01 )  
 (87) WO2020/105261  
 (31) 2018-216703 (32) 19.11.18 (33) JP  
 (43) 28.05.2020  
 (72) TAKAOKA, Yukihisa  
 (74) Shelston IP Pty Ltd.
- 
- (71) Komatsu Ltd.  
 (11) AU-A-2019383158  
 (21) 2019383158 (22) 17.09.2019  
 (54) System and method for automatically controlling work machinery including work machine  
 (51) Int. Cl.  
*E02F 9/20* ( 2006.01 )  
*E02F 3/85* ( 2006.01 )  
 (87) WO2020/105260  
 (31) 2018-216702 (32) 19.11.18 (33) JP  
 (43) 28.05.2020  
 (72) TAKAOKA, Yukihisa  
 (74) Shelston IP Pty Ltd.
- 
- (71) Komatsu Ltd.  
 (11) AU-A-2019385000  
 (21) 2019385000 (22) 17.09.2019  
 (54) System and method for automatically controlling work machine including work unit  
 (51) Int. Cl.  
*E02F 9/20* ( 2006.01 )  
*E02F 3/85* ( 2006.01 )
- 
- (87) WO2020/105262  
 (31) 2018-216704 (32) 19.11.18 (33) JP  
 (43) 28.05.2020  
 (72) TAKAOKA, Yukihisa  
 (74) Shelston IP Pty Ltd.
- 
- (71) Kostecki, A.  
 (11) AU-A-2019342006  
 (21) 2019342006 (22) 17.09.2019  
 (54) Fused overlay plate and method  
 (51) Int. Cl.  
*B23K 37/04* ( 2006.01 )  
*B23K 9/04* ( 2006.01 )  
*B23K 37/00* ( 2006.01 )  
 (87) WO2020/060969  
 (31) 62/874,569 (32) 16.07.19 (33) US  
 16/359,588 20.03.19 US  
 62/732,041 17.09.18 US  
 (43) 26.03.2020  
 (72) KOSTECKI, Andrew  
 (74) Adams Pluck
- 
- (71) Kwik Lok Corporation  
 (11) AU-A-2019375980  
 (21) 2019375980 (22) 07.11.2019  
 (54) Tamper evident packaging and methods of manufacturing the same utilizing a non-contact sealing device  
 (51) Int. Cl.  
*B65B 51/22* ( 2006.01 )  
*B65B 5/06* ( 2006.01 )  
*B65B 51/06* ( 2006.01 )  
*B65B 51/10* ( 2006.01 )  
*B65B 51/18* ( 2006.01 )  
 (87) WO2020/097377  
 (31) 62/757,530 (32) 08.11.18 (33) US  
 (43) 14.05.2020  
 (72) HART, Roger Keith; MORA JR., Jose Victor  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kyocera Senco Industrial Tools, Inc.  
 (11) AU-A-2019344550  
 (21) 2019344550 (22) 13.09.2019  
 (54) High load lifter for automated stapler  
 (51) Int. Cl.  
*B25C 5/10* ( 2006.01 )  
*B25C 5/13* ( 2006.01 )  
*B25C 5/16* ( 2006.01 )  
*B27F 7/38* ( 2006.01 )  
 (87) WO2020/060847  
 (31) 62/733,124 (32) 19.09.18 (33) US  
 (43) 26.03.2020  
 (72) STOOFF, Johan Johannes; GROUVE, Johannes Antonius Rudolf  
 (74) Spruson & Ferguson
- 
- (71) Kyocera Senco Industrial Tools, Inc.  
 (11) AU-A-2019360114  
 (21) 2019360114 (22) 16.10.2019  
 (54) Working cylinder for power tool with piston lubricating system  
 (51) Int. Cl.  
*B25C 1/00* ( 2006.01 )  
*B25D 9/00* ( 2006.01 )  
*B25D 17/00* ( 2006.01 )  
*B25D 17/26* ( 2006.01 )
- 
- B25F 5/00* ( 2006.01 )  
 (87) WO2020/081620  
 (31) 62/746,941 (32) 17.10.18 (33) US  
 (43) 23.04.2020  
 (72) BRADLEY, David D.; McCARDLE, Thomas A.; KABBES, Anthony D.  
 (74) Spruson & Ferguson
- 
- (71) Lakto Hayvancilik Teknolojileri Sanayi Ve Ticaret Limited Şirketi  
 (11) AU-A-2019452126  
 (21) 2019452126 (22) 19.06.2019  
 (54) Free flow electronic meter  
 (51) Int. Cl.  
*A01J 5/01* ( 2006.01 )  
*G01F 3/36* ( 2006.01 )  
 (87) WO2020/256661  
 (43) 24.12.2020  
 (72) TOMEK, Basat  
 (74) Madderns Pty Ltd
- 
- (71) La Trobe University; The University of Queensland  
 (11) AU-A-2019323944  
 (21) 2019323944 (22) 23.08.2019  
 (54) Compositions and methods for reducing bacterial aggregation  
 (51) Int. Cl.  
*C07K 16/12* ( 2006.01 )  
*A61K 39/40* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
 (87) WO2020/037376  
 (31) 2018903096 (32) 23.08.18 (33) AU  
 (43) 27.02.2020  
 (72) HERAS, Begona; PAXMAN, Jason; SCHEMBRI, Mark; LO, Alvin  
 (74) Shelston IP Pty Ltd.
- 
- (71) Lawn Trim Pty Ltd  
 (11) AU-A-2019318814  
 (21) 2019318814 (22) 05.08.2019  
 (54) Greenery edge control method and edging device  
 (51) Int. Cl.  
*A01G 9/28* ( 2018.01 )  
*A63C 19/12* ( 2006.01 )  
 (87) WO2020/028933  
 (31) 2018902913 (32) 09.08.18 (33) AU  
 (43) 13.02.2020  
 (72) DAHER, George  
 (74) Halfords IP
- 
- (71) leadXpro AG  
 (11) AU-A-2019367187  
 (21) 2019367187 (22) 23.10.2019  
 (54) Functionalized aminotriazines  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/53* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
 (87) WO2020/083957  
 (31) 18202231.9 (32) 24.10.18 (33) EP

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

- (43) 30.04.2020  
(72) NEIDHART, Werner; BUCHER, Denis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Lehavot Production & Protection (1995) Ltd.  
(11) AU-A-2019319709  
(21) 2019319709 (22) 01.08.2019  
(54) Retrofit fire extinguisher apparatus  
(51) Int. Cl.  
A62C 37/50 ( 2006.01 )  
A62C 13/00 ( 2006.01 )  
(87) WO2020/031037  
(31) 1812726.6 (32) 06.08.18 (33) GB  
(43) 13.02.2020  
(72) LAVI, Shai; BINUR, Aharon; KONO-VALENKO, Yury  
(74) Belyea IP
- 
- (71) Lenkbar, LLC  
(11) AU-A-2019316540  
(21) 2019316540 (22) 10.09.2019  
(54) Cutting head for tissue collection device  
(51) Int. Cl.  
A61B 10/02 ( 2006.01 )  
(43) 25.03.2021  
(72) PAPENFUSS, Erik H.  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Levo Therapeutics, Inc.  
(11) AU-A-2019345166  
(21) 2019345166 (22) 20.09.2019  
(54) Stable intranasal formulations of carbocetocin  
(51) Int. Cl.  
A61K 9/08 ( 2006.01 )  
A61K 38/095 ( 2019.01 )  
(87) WO2020/061414  
(31) 62/734,152 (32) 20.09.18 (33) US  
62/876,857 22.07.19 US  
(43) 26.03.2020  
(72) MANNING, Mark C.; HOLCOMB, Ryan E.; KATAYAMA, Derrick S.; BRYANT, Christopher  
(74) RnB IP Pty Ltd
- 
- (71) Linde GmbH  
(11) AU-A-2019340006  
(21) 2019340006 (22) 11.09.2019  
(54) Method for calculating the strength and the service life of a process apparatus through which fluid flows  
(51) Int. Cl.  
F28D 9/00 ( 2006.01 )  
F28F 3/02 ( 2006.01 )  
G06F 30/00 ( 2020.01 )  
(87) WO2020/052813  
(31) 18020448.9 (32) 13.09.18 (33) EP  
(43) 19.03.2020  
(72) STEINBAUER, Manfred; FLÜGGEN, Rainer; FREKO, Pascal; HEINZ, Paul; WOITALKA, Alexander; HAIDER, Patrick; MEHANOVIC, Dino; REITER, Thomas  
(74) Spruson & Ferguson
- 
- (71) Liquid Time Pty Ltd  
(11) AU-A-2019313161  
(21) 2019313161 (22) 31.07.2019  
(54) Current control systems and wave pools including same  
(51) Int. Cl.  
E04H 4/12 ( 2006.01 )  
A47K 3/10 ( 2006.01 )  
E04H 4/00 ( 2006.01 )  
E04H 4/14 ( 2006.01 )  
(87) WO2020/024014  
(31) 2018902787 (32) 31.07.18 (33) AU  
(43) 06.02.2020  
(72) WEBBER, Gregory Mark; WEBBER, Daniel  
(74) Dark IP
- 
- (71) LITHTECH INDUSTRIES PTY LTD  
(11) AU-A-2019322251  
(21) 2019322251 (22) 17.08.2019  
(54) An improved method for lithium processing  
(51) Int. Cl.  
C22B 26/12 ( 2006.01 )  
B01D 61/44 ( 2006.01 )  
C25B 9/23 ( 2021.01 )  
(87) WO2020/033987  
(31) 2018903034 (32) 17.08.18 (33) AU  
(43) 20.02.2020  
(72) BLUNN, Adam; EASTWOOD, Scott  
(74) Matthew Sulman & Associates
- 
- (71) Lohmann & Rauscher GmbH  
(11) AU-A-2019336327  
(21) 2019336327 (22) 04.09.2019  
(54) Wound cleansing device  
(51) Int. Cl.  
A61F 13/00 ( 2006.01 )  
(87) WO2020/049038  
(31) 10 2018 121 501.0 (32) 04.09.18 (33) DE  
20 2019 100 062.7 08.01.19 DE  
(43) 12.03.2020  
(72) HENTRICH, Axel; SCHMALENBACH, Carina  
(74) Fraser Old & Sohn
- 
- (71) Lucine  
(11) AU-A-2019336539  
(21) 2019336539 (22) 09.09.2019  
(54) Systems and methods of pain treatment  
(51) Int. Cl.  
G16H 20/30 ( 2018.01 )  
G16H 30/40 ( 2018.01 )  
G16H 50/20 ( 2018.01 )  
(87) WO2020/049185  
(31) 62/728,699 (32) 07.09.18 (33) US  
(43) 12.03.2020  
(72) COTTY-ESLOUS, Marine; DEZAUNAY, Pierre-Yves; CAVALIER, Charlotte; REBY, Kevin  
(74) Shelley Rowland
- 
- (71) Lung Therapeutics, Inc.  
(11) AU-A-2019339260  
(21) 2019339260 (22) 10.09.2019
- 
- (54) Modified peptide fragments of Cav-1 protein and the use thereof in the treatment of fibrosis  
(51) Int. Cl.  
A61K 38/08 ( 2019.01 )  
A61K 38/10 ( 2006.01 )  
A61K 38/16 ( 2006.01 )  
A61K 38/17 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
C07K 7/06 ( 2006.01 )  
(87) WO2020/055812  
(31) 62/728,997 (32) 10.09.18 (33) US  
(43) 19.03.2020  
(72) CHRISTENSEN, Dale; KOLENG, John J.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Massachusetts Institute of Technology  
(11) AU-A-2019328523  
(21) 2019328523 (22) 30.08.2019  
(54) Ionizable lipidoids and their uses  
(51) Int. Cl.  
C07D 233/26 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07C 233/00 ( 2006.01 )  
(87) WO2020/047399  
(31) 62/725,445 (32) 31.08.18 (33) US  
(43) 05.03.2020  
(72) MIAO, Lei; LI, Linxian; ANDERSON, Daniel Griffith; HUANG, Yuxuan  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Mataira, J.  
(11) AU-A-2020313546  
(21) 2020313546 (22) 29.04.2020  
(54) Portable outdoor footwasher  
(51) Int. Cl.  
A47K 3/062 ( 2006.01 )  
A47K 7/03 ( 2006.01 )  
A61H 35/00 ( 2006.01 )  
B08B 1/00 ( 2006.01 )  
(87) WO2021/010841  
(31) 62/860,262 (32) 15.07.19 (33) US  
(43) 21.01.2021  
(72) MATAIRA, John; BROWN, Paul  
(74) Arceo IP
- 
- (71) Max Co., Ltd.  
(11) AU-A-2019336839  
(21) 2019336839 (22) 05.09.2019  
(54) Binding machine  
(51) Int. Cl.  
E04G 21/12 ( 2006.01 )  
B25B 25/00 ( 2006.01 )  
B65B 13/08 ( 2006.01 )  
B65B 13/18 ( 2006.01 )  
B65B 13/28 ( 2006.01 )  
B65B 27/10 ( 2006.01 )  
B21F 15/06 ( 2006.01 )  
(87) WO2020/050382  
(31) 2018-168247 (32) 07.09.18 (33) JP  
(43) 12.03.2020  
(72) MORIJIRI, Takeshi; TASHIMA, Nobutaka; SUGIHARA, Shinpei  
(74) Griffith Hack

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

- (71) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
 (11) AU-A-2019340838  
 (21) 2019340838 (22) 11.09.2019  
 (54) Automated generation and analysis of organoids  
 (51) Int. Cl.  
**C12N 5/0797** ( 2010.01 )  
 (87) WO2020/053257  
 (31) 18193698.0 (32) 11.09.18 (33) EP  
 (43) 19.03.2020  
 (72) BRUDER, Jan Markus; RENNER, Henrik; SCHÖLER, Hans Robert; GRABOS, Martha Anna; OTTO, Mandy  
 (74) Shelston IP Pty Ltd.
- 
- (71) Maxtrax Australia Pty Ltd  
 (11) AU-A-2019358971  
 (21) 2019358971 (22) 11.10.2019  
 (54) An automotive tow hitch device  
 (51) Int. Cl.  
**B60D 1/18** ( 2006.01 )  
**B60D 1/02** ( 2006.01 )  
 (87) WO2020/073095  
 (31) 2018903856 (32) 12.10.18 (33) AU  
 (43) 16.04.2020  
 (72) MCCARTHY, Bradley John; DAVIDSON, Neil; FRENCH, Alexandra; TOOHEY, Paul  
 (74) Spruson & Ferguson
- 
- (71) MEI Pharma, Inc.  
 (11) AU-A-2019321432  
 (21) 2019321432 (22) 13.08.2019  
 (54) Treatment of B cell malignancies  
 (51) Int. Cl.  
**A61K 31/5375** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
 (87) WO2020/036999  
 (31) 62/718,929 (32) 14.08.18 (33) US  
 62/775,797 05.12.18 US  
 62/836,511 19.04.19 US  
 (43) 20.02.2020  
 (72) GOLD, Daniel P.  
 (74) FB Rice Pty Ltd
- 
- (71) MEI Pharma, Inc.  
 (11) AU-A-2019321526  
 (21) 2019321526 (22) 13.08.2019  
 (54) Treatment of relapsed follicular lymphoma  
 (51) Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
 (87) WO2020/036997  
 (31) 62/718,926 (32) 14.08.18 (33) US  
 62/836,507 19.04.19 US  
 (43) 20.02.2020  
 (72) GOLD, Daniel P.  
 (74) FB Rice Pty Ltd
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2019326865  
 (21) 2019326865 (22) 26.08.2019
- 
- (54) Fused imidazopyridines as reversible inhibitors of bruton's tyrosine kinase (BTK)  
 (51) Int. Cl.  
**A61P 29/00** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
 (87) WO2020/043638  
 (31) 62/723,648 (32) 28.08.18 (33) US  
 (43) 05.03.2020  
 (72) CALDWELL, Richard; LIU-BUJALSKI, Lesley; POTNICK, Justin; NEAGU, Constantin; KULKARNI, Shashank; JONES, Reinaldo; QIU, Hui  
 (74) Griffith Hack
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2019363662  
 (21) 2019363662 (22) 22.10.2019  
 (54) 5-azaindazole derivatives as adenosine receptor antagonists  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
 (87) WO2020/083878  
 (31) 18306389.0 (32) 25.10.18 (33) EP  
 (43) 30.04.2020  
 (72) BLAYO, Anne-Laure; MANTEAU, Baptiste; DORANGE, Ismet; MAYER, Stanislas; SCHANN, Stephan; CATELAIN, Thomas  
 (74) Griffith Hack
- 
- (71) Metso Outotec Finland Oy  
 (11) AU-A-2019328513  
 (21) 2019328513 (22) 30.08.2019  
 (54) A crusher mantle lifting device, an arrangement and a method  
 (51) Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**B02C 23/00** ( 2006.01 )  
 (87) WO2020/043891  
 (31) 18191728.7 (32) 30.08.18 (33) EP  
 (43) 05.03.2020  
 (72) MALKAMÄKI, Mikko; TEERI, Tuomas  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Microfluidic Biologics Corp.  
 (11) AU-A-2019333099  
 (21) 2019333099 (22) 28.08.2019  
 (54) System for microbial species detection, quantification and antibiotic susceptibility identification  
 (51) Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**C12Q 1/18** ( 2006.01 )  
**C12Q 1/689** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
 (87) WO2020/047154  
 (31) 16/551,702 (32) 26.08.19 (33) US  
 62/725,026 30.08.18 US  
 (43) 05.03.2020  
 (72) FINCH, Michael D.; FONG, Kee Onn; KOTIAN, Saurabh; MUNSHI, Cyrus B.;
- 
- MAHAJAN, Advitiya; LINDBORG, Beth A.  
 (74) WADESON
- 
- (71) Mizkan Holdings Co., Ltd.  
 (11) AU-A-2020218414  
 (21) 2020218414 (22) 10.01.2020  
 (54) Dry plant powder having enhanced sweet flavor, and food/beverage item  
 (51) Int. Cl.  
**A23L 19/00** ( 2016.01 )  
**A23L 19/10** ( 2016.01 )  
 (87) WO2020/162100  
 (31) PCT/JP2019/028459 (32) 19.07.19 (33) JP  
 2019-019921 06.02.19 JP  
 (43) 13.08.2020  
 (72) KONISHI, Manabu; IHARA, Junichiro  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) ModernaTX, Inc.  
 (11) AU-A-2019338557  
 (21) 2019338557 (22) 13.09.2019  
 (54) Modified mRNA for the treatment of progressive familial intrahepatic cholestasis disorders  
 (51) Int. Cl.  
**A61K 31/7115** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/67** ( 2006.01 )  
 (87) WO2020/056370  
 (31) 62/731,055 (32) 13.09.18 (33) US  
 62/840,369 29.04.19 US  
 (43) 19.03.2020  
 (72) MARTINI, Paolo; PRESNYAK, Vladimir; CAO, Jingsong  
 (74) RnB IP Pty Ltd
- 
- (71) Modl Outdoors, LLC  
 (11) AU-A-2019316571  
 (21) 2019316571 (22) 08.08.2019  
 (54) Modular utility bottle  
 (51) Int. Cl.  
**A45F 3/18** ( 2006.01 )  
**A45F 3/20** ( 2006.01 )  
**B65D 43/02** ( 2006.01 )  
 (87) WO2020/033769  
 (31) 62/716,227 (32) 08.08.18 (33) US  
 62/811,533 27.02.19 US  
 (43) 13.02.2020  
 (72) ZITRON, Victor Barak; LEITZ, Zachary W.; GULD, Justin  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Moharram Venturas Inc.  
 (11) AU-A-2019324739  
 (21) 2019324739 (22) 23.08.2019  
 (54) Biodegradable polymer composition and method of producing the same  
 (51) Int. Cl.  
**C08L 67/04** ( 2006.01 )  
**C08J 3/20** ( 2006.01 )  
**C08K 5/1539** ( 2006.01 )  
**C08K 5/42** ( 2006.01 )

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

- C08L 1/02** ( 2006.01 )  
**C08L 3/02** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 15/52** ( 2006.01 )  
**C12P 1/00** ( 2006.01 )  
**C12P 1/04** ( 2006.01 )  
**C12P 7/40** ( 2006.01 )  
**C12P 7/62** ( 2006.01 )  
**(87)** WO2020/037394  
**(31)** 62/722,535 **(32)** 24.08.18 **(33)** US  
**(43)** 27.02.2020  
**(72)** MOHARRAM, Tarek; HAMEED, Faisal Sahul; SINGH, Arshdeep; PATEL, Pathik Daxeshkumar; GRAY, Devon Brianne; KOCHER, Nicole Lindsay; HARTIN, Matthew Douglas Charles; ZEBIAN, Najwa  
**(74)** Spruson & Ferguson
- 
- (71)** Munia Limited  
**(11)** AU-A-2019335414  
**(21)** 2019335414 **(22)** 02.09.2019  
**(54)** Management system  
**(51)** Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**G06F 16/30** ( 2019.01 )  
**G06Q 10/08** ( 2012.01 )  
**(87)** WO2020/047582  
**(31)** 2018903240 **(32)** 03.09.18 **(33)** AU  
**(43)** 12.03.2020  
**(72)** FLATOW, Wolfgang  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Nankaigosen Co., Ltd.; Ueda, I.  
**(11)** AU-A-2018441273  
**(21)** 2018441273 **(22)** 11.09.2018  
**(54)** Fabric for wetsuit and wetsuit comprising said fabric  
**(51)** Int. Cl.  
**B63C 9/087** ( 2006.01 )  
**A41D 13/012** ( 2006.01 )  
**A41D 31/02** ( 2019.01 )  
**B63C 11/04** ( 2006.01 )  
**(87)** WO2020/053956  
**(43)** 19.03.2020  
**(72)** UEDA, Ietoshi; NAKASHIMA, Norio  
**(74)** Adams Pluck
- 
- (71)** NANOGAP SUB-NM-POWDER, S.A.; Universidade de Santiago de Compostela  
**(11)** AU-A-2019349780  
**(21)** 2019349780 **(22)** 25.09.2019  
**(54)** Therapeutic uses of atomic quantum clusters  
**(51)** Int. Cl.  
**B22F 1/00** ( 2006.01 )  
**A61K 33/38** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/065115  
**(31)** 18196959.3 **(32)** 26.09.18 **(33)** EP  
 18196963.5 26.09.18 EP  
**(43)** 02.04.2020  
**(72)** BUCETA FERNÁNDEZ, David; DOMÍNGUEZ PUENTE, Fernando; LÓPEZ QUINTELA, Manuel Arturo  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** National University of Singapore  
**(11)** AU-A-2019358704  
**(21)** 2019358704 **(22)** 10.10.2019  
**(54)** Antifouling polymer for reverse osmosis and membrane comprising same  
**(51)** Int. Cl.  
**B01D 69/12** ( 2006.01 )  
**B01D 61/02** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 69/06** ( 2006.01 )  
**B01D 69/08** ( 2006.01 )  
**B01D 71/44** ( 2006.01 )  
**C08F 222/00** ( 2006.01 )  
**(87)** WO2020/076240  
**(31)** 62/744,362 **(32)** 11.10.18 **(33)** US  
**(43)** 16.04.2020  
**(72)** ZHANG, Yu; CHUNG, Tai-Shung; ZHANG, Sui  
**(74)** James & Wells Intellectual Property
- 
- (71)** Navico Holding AS  
**(11)** AU-A-2019348982  
**(21)** 2019348982 **(22)** 26.09.2019  
**(54)** Bonded information display for marine vessels  
**(51)** Int. Cl.  
**B63B 49/00** ( 2006.01 )  
**B60K 35/00** ( 2006.01 )  
**B60K 37/02** ( 2006.01 )  
**B63B 79/00** ( 2020.01 )  
**B63B 79/40** ( 2020.01 )  
**G01C 21/20** ( 2006.01 )  
**(87)** WO2020/065395  
**(31)** 16/582,397 **(32)** 25.09.19 **(33)** US  
 62/737,527 27.09.18 US  
**(43)** 02.04.2020  
**(72)** BAILEY, Paul Robert; VAN GERVE, Alan; VAN VUREN, Ruan; LASTER, Matthew W.; ROUZAUD, Rafael De Santos; LUNA, David Urrutia  
**(74)** AJ PARK
- 
- (71)** Navire Pharma, Inc.  
**(11)** AU-A-2019319971  
**(21)** 2019319971 **(22)** 09.08.2019  
**(54)** 6-(4-amino-3-methyl-2-oxa-8-azaspiro(4.5)decan-8-yl)-3-(2,3-dichlorophenyl)-2-methylpyrimidin-4(3h)-one derivatives and related compounds as ptpn11 (shp2) inhibitors for treating cancer  
**(51)** Int. Cl.  
**C07D 491/10** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**(87)** WO2020/033828  
**(31)** 62/717,588 **(32)** 10.08.18 **(33)** US  
 62/773,921 30.11.18 US  
**(43)** 13.02.2020  
**(72)** JONES, Philip; CZAKO, Barbara; CARROLL, Christopher L.; MANDAL, Pijus; CROSS, Jason  
**(74)** Griffith Hack
- 
- (71)** New York University  
**(11)** AU-A-2019319296  
**(21)** 2019319296 **(22)** 12.08.2019
- 
- (54)** Use of IGF-2 receptor agonist ligands for treatment of Angelman Syndrome and autism  
**(51)** Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07K 14/65** ( 2006.01 )  
**(87)** WO2020/033971  
**(31)** 62/717,372 **(32)** 10.08.18 **(33)** US  
**(43)** 13.02.2020  
**(72)** ALBERINI, Cristina Maria; TRAUNER, Dirk; ARP, Christopher James  
**(74)** Spruson & Ferguson
- 
- (71)** Nicox S.A.  
**(11)** AU-A-2019319004  
**(21)** 2019319004 **(22)** 31.07.2019  
**(54)** Nitric oxide releasing phosphodiesterase type 5 inhibitor  
**(51)** Int. Cl.  
**A61K 47/55** ( 2017.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/21** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/44** ( 2017.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 27/06** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2020/030489  
**(31)** 18187482.7 **(32)** 06.08.18 **(33)** EP  
 18210147.7 04.12.18 EP  
**(43)** 13.02.2020  
**(72)** ALMIRANTE, Nicoletta; BRAMBILLA, Stefania; STORONI, Laura; IMPAGNATIELLO, Francesco; BASTIA, Elena  
**(74)** Lord & Company
- 
- (71)** Nicoya Lifesciences, Inc.  
**(11)** AU-A-2019333887  
**(21)** 2019333887 **(22)** 06.09.2019  
**(54)** Plasmon resonance (PR) system and instrument, digital microfluidic (DMF) cartridge, and methods of using localized surface plasmon resonance (LSPR) for analysis of analytes  
**(51)** Int. Cl.  
**G01N 21/77** ( 2006.01 )  
**B82Y 15/00** ( 2011.01 )  
**G01N 1/00** ( 2006.01 )  
**(87)** WO2020/049524  
**(31)** 62/727,934 **(32)** 06.09.18 **(33)** US  
 62/854,103 29.05.19 US  
**(43)** 12.03.2020  
**(72)** DENOMME, Ryan; SUDARSAN, Arjun  
**(74)** James & Wells Intellectual Property
- 
- (71)** Norsk Hydro ASA  
**(11)** AU-A-2019338592  
**(21)** 2019338592 **(22)** 25.07.2019  
**(54)** Determining a presence or absence of water in a DC casting starter block : method and direct chill apparatus claims  
**(51)** Int. Cl.  
**B22D 11/049** ( 2006.01 )  
**B22D 11/04** ( 2006.01 )



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

- B22D 11/08** ( 2006.01 )  
**(87)** WO2020/052849  
**(31)** 20181174 **(32)** 10.09.18 **(33)** NO  
**(43)** 19.03.2020  
**(72)** GIHLEENGEN, Britt Elin; BACHE, Snorre Normann; EIDE, Tore  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Norwegian University of Science and Technology (NTNU)  
**(11)** AU-A-2019337411  
**(21)** 2019337411 **(22)** 13.09.2019  
**(54)** Method and apparatus for calibrating an instrument for surgical intervention  
**(51)** Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**(87)** WO2020/053421  
**(31)** 1814924.5 **(32)** 13.09.18 **(33)** GB  
**(43)** 19.03.2020  
**(72)** BRATBAK, Daniel Fossum  
**(74)** AJ PARK
- 
- (71)** Novagenesis Therapeutix (Suzhou) Limited  
**(11)** AU-A-2019351035  
**(21)** 2019351035 **(22)** 18.06.2019  
**(54)** Compound and use thereof  
**(51)** Int. Cl.  
**C07D 493/22** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
**A61K 31/385** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 239/553** ( 2006.01 )  
**C07D 493/04** ( 2006.01 )  
**(87)** WO2020/062951  
**(31)** PCT/ CN2018/108232 **(32)** 28.09.18 **(33)** CN  
**(43)** 02.04.2020  
**(72)** QIAN, Feng; LIU, Zhengsheng  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Novartis AG  
**(11)** AU-A-2019359549  
**(21)** 2019359549 **(22)** 10.10.2019  
**(54)** The use of a H3R inverse agonist for the treatment of excessive daytime sleepiness associated with parkinson's disease (PD)  
**(51)** Int. Cl.  
**A61K 31/165** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/26** ( 2006.01 )  
**(87)** WO2020/075110  
**(31)** 62/744,153 **(32)** 11.10.18 **(33)** US  
**(43)** 16.04.2020  
**(72)** JOHNS, Donald; SOVAGO, Judit  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novartis AG  
**(11)** AU-A-2019377275  
**(21)** 2019377275 **(22)** 08.11.2019  
**(54)** Method for reducing the risk of a cardiovascular event with conjugated antisense compounds targeting apo(a)
- (51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**(87)** WO2020/095274  
**(31)** 62/758,323 **(32)** 09.11.18 **(33)** US  
 62/874,459 15.07.19 US  
**(43)** 14.05.2020  
**(72)** LESOGOR, Anastasia; SHAO, Qing; THUREN, Tom  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** NRL Pharma, Inc.; Varinos, Inc.  
**(11)** AU-A-2019342981  
**(21)** 2019342981 **(22)** 11.09.2019  
**(54)** Agent and composition for improving intrauterine bacterial flora, and method for determining whether intrauterine bacterial flora has been improved or normalized  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 15/06** ( 2006.01 )  
**A61P 15/08** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/6851** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
**(87)** WO2020/059600  
**(31)** 2018-176473 **(32)** 20.09.18 **(33)** JP  
**(43)** 26.03.2020  
**(72)** HOSHINO Tatsuo; SAKURABA Yoshiyuki; NAGAI Yoko; KYONO Koichi; HASHIMOTO Tomoko  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** NTT DoCoMo, Inc.  
**(11)** AU-A-2019324654  
**(21)** 2019324654 **(22)** 24.07.2019  
**(54)** Wireless communication device and wireless communication method  
**(51)** Int. Cl.  
**H04W 48/16** ( 2009.01 )  
**H04W 48/08** ( 2009.01 )  
**(87)** WO2020/039824  
**(31)** 2018-169197 **(32)** 23.08.18 **(33)** JP  
**(43)** 27.02.2020  
**(72)** HARADA, Hiroki  
**(74)** Spruson & Ferguson
- 
- (71)** Numab Therapeutics AG  
**(11)** AU-A-2019358442  
**(21)** 2019358442 **(22)** 09.10.2019  
**(54)** Antibodies targeting CD137 and methods of use thereof  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2020/074584  
**(31)** 18199334.6 **(32)** 09.10.18 **(33)** EP  
 19166283.2 29.03.19 EP  
**(43)** 16.04.2020  
**(72)** GUNDE, Tea; BROCK, Matthias; HESS, Christian; SIMONIN, Alexandre; WARMUTH, Stefan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Nutcracker Therapeutics, Inc.  
**(11)** AU-A-2019347774  
**(21)** 2019347774 **(22)** 27.09.2019  
**(54)** Lipid nanoparticle formulations comprising lipidated cationic peptide compounds for nucleic acid delivery  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**(87)** WO2020/069445  
**(31)** 62/738,717 **(32)** 28.09.18 **(33)** US  
 62/885,036 09.08.19 US  
**(43)** 02.04.2020  
**(72)** MCKINLAY, Colin James  
**(74)** WRAYS PTY LTD
- 
- (71)** Ocumetics Technology Corp.  
**(11)** AU-A-2019330752  
**(21)** 2019330752 **(22)** 29.08.2019  
**(54)** A hybrid accommodating intra-ocular lens and method of use thereof  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**G02B 3/14** ( 2006.01 )  
**(87)** WO2020/041890  
**(31)** 3016143 **(32)** 30.08.18 **(33)** CA  
**(43)** 05.03.2020  
**(72)** WEBB, Garth T.  
**(74)** Halfords IP
- 
- (71)** OE Electrics Limited  
**(11)** AU-A-2020272555  
**(21)** 2020272555 **(22)** 09.04.2020  
**(54)** Modular power supply system including a battery power supply module  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**(87)** WO2020/208371  
**(31)** 1905195.2 **(32)** 12.04.19 **(33)** GB  
**(43)** 15.10.2020  
**(72)** HOBBS, Timothy Richard  
**(74)** Madderns Pty Ltd
- 
- (71)** Ovid Therapeutics Inc.  
**(11)** AU-A-2019345312  
**(21)** 2019345312 **(22)** 20.09.2019  
**(54)** Use of gaboxadol for the treatment of tourette syndrome, tics and stuttering  
**(51)** Int. Cl.  
**A61K 31/473** ( 2006.01 )  
**A61K 31/4738** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )  
**(87)** WO2020/061410  
**(31)** 62/733,730 **(32)** 20.09.18 **(33)** US  
**(43)** 26.03.2020  
**(72)** DURING, Matthew  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Panasonic Intellectual Property Corporation of America  
**(11)** AU-A-2019337164  
**(21)** 2019337164 **(22)** 10.09.2019  
**(54)** Three-dimensional data encoding method, three-dimensional data decoding

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

- method, three-dimensional data encoding device, and three-dimensional data decoding device  
**(51)** Int. Cl.  
**G06T 9/00** ( 2006.01 )  
**(87)** WO2020/054739  
**(31)** 62/729,712 **(32)** 11.09.18 **(33)** US  
 62/731,281 14.09.18 US  
**(43)** 19.03.2020  
**(72)** HAN, Chung Dean; LASANG, Pongsak; WANG, Chi; IGUCHI, Noritaka; SUGIO, Toshiyasu  
**(74)** Griffith Hack
- 
- (71)** Peloton Interactive, Inc.  
**(11)** AU-A-2019314560  
**(21)** 2019314560 **(22)** 02.08.2019  
**(54)** Braking systems and methods for exercise equipment  
**(51)** Int. Cl.  
**A63B 21/005** ( 2006.01 )  
**A63B 21/015** ( 2006.01 )  
**A63B 22/06** ( 2006.01 )  
**(87)** WO2020/028883  
**(31)** 62/714,635 **(32)** 03.08.18 **(33)** US  
**(43)** 06.02.2020  
**(72)** PETRILLO, David William; CORTESE, Thomas Philip; CONSIGLIO, John Chester; KASHYAP, Ashkey  
**(74)** Madderns Pty Ltd
- 
- (71)** Pharmacy Ab  
**(11)** AU-A-2019322187  
**(21)** 2019322187 **(22)** 15.08.2019  
**(54)** Substituted benzamides and their use in therapy  
**(51)** Int. Cl.  
**A61P 1/04** ( 2006.01 )  
**A61K 31/166** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2020/035555  
**(31)** 18189195.3 **(32)** 15.08.18 **(33)** EP  
**(43)** 20.02.2020  
**(72)** BJÖRK, Anders; HEDLUND, Gunnar  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Pharmacy Ab  
**(11)** AU-A-2019322564  
**(21)** 2019322564 **(22)** 15.08.2019  
**(54)** A new medical treatment for pathologic inflammation  
**(51)** Int. Cl.  
**A61K 31/166** ( 2006.01 )  
**A61K 31/196** ( 2006.01 )  
**A61K 31/655** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2020/035554  
**(31)** 18189194.6 **(32)** 15.08.18 **(33)** EP  
**(43)** 20.02.2020  
**(72)** HEDLUND, Gunnar; BJÖRK, Anders  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Phoenix Industries Pty Ltd  
**(11)** AU-A-2019370620  
**(21)** 2019370620 **(22)** 30.10.2019  
**(54)** A plumbing assembly  
**(51)** Int. Cl.  
**E03C 1/02** ( 2006.01 )  
**F16K 11/00** ( 2006.01 )  
**(87)** WO2020/087124  
**(31)** 2018904111 **(32)** 30.10.18 **(33)** AU  
**(43)** 07.05.2020  
**(72)** JACKSON, Steven Grant; PHELAN, Michael Thomas; HOOGENDOORN, John Henri  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Pieris Pharmaceuticals GmbH  
**(11)** AU-A-2019328632  
**(21)** 2019328632 **(22)** 27.08.2019  
**(54)** Combination therapies comprising CD137/HER2 bispecific agents and PD-1 axis inhibitors and uses thereof  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )  
**(87)** WO2020/043683  
**(31)** 18191041.5 **(32)** 27.08.18 **(33)** EP  
**(43)** 05.03.2020  
**(72)** BRUNS, Ingnar; MATIS, Louis; OLWILL, Shane; JAQUIN, Thomas  
**(74)** Spruson & Ferguson
- 
- (71)** Pioneer Hi-Bred International, Inc.  
**(11)** AU-A-2019369415  
**(21)** 2019369415 **(22)** 30.10.2019  
**(54)** Compositions and methods for Ochrobactrum-mediated plant transformation  
**(51)** Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**(87)** WO2020/092487  
**(31)** 62/753,594 **(32)** 31.10.18 **(33)** US  
**(43)** 07.05.2020  
**(72)** CHO, Hyeon-Je  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** PipeFusion CIPP Corporation  
**(11)** AU-A-2018440151  
**(21)** 2018440151 **(22)** 07.09.2018  
**(54)** Curable composition for cured in place pipes  
**(51)** Int. Cl.  
**C08G 59/68** ( 2006.01 )  
**(87)** WO2020/050858  
**(43)** 12.03.2020  
**(72)** NAWRACAJ, Richard E.; URBIETA, Gabriel  
**(74)** Michael Buck IP
- 
- (71)** Plasser & Theurer Export von Bahnbaumaschinen GmbH  
**(11)** AU-A-2019363551  
**(21)** 2019363551 **(22)** 23.09.2019  
**(54)** Track construction machine and method for tamping sleepers of a track  
**(51)** Int. Cl.
- 
- E01B 27/16** ( 2006.01 )  
**(87)** WO2020/083584  
**(31)** A 328/2018 **(32)** 24.10.18 **(33)** AT  
**(43)** 30.04.2020  
**(72)** PHILIPP, Thomas; BÖCK, Reinhard  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Platinum Group Chile SpA  
**(11)** AU-A-2019330759  
**(21)** 2019330759 **(22)** 27.08.2019  
**(54)** System and method for solubilising in an aqueous medium elements contained in a sulfide ore concentrate  
**(51)** Int. Cl.  
**C22B 3/08** ( 2006.01 )  
**B01J 19/12** ( 2006.01 )  
**C01G 1/10** ( 2006.01 )  
**C01G 3/10** ( 2006.01 )  
**C22B 1/245** ( 2006.01 )  
**C22B 4/08** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**C22B 15/00** ( 2006.01 )  
**C22B 23/00** ( 2006.01 )  
**(87)** WO2020/041914  
**(31)** 2460-2018 **(32)** 28.08.18 **(33)** CL  
**(43)** 05.03.2020  
**(72)** ANTONUCCI SALAZAR, Victor  
**(74)** Clark Intellectual Property Pty Ltd
- 
- (71)** Poseida Therapeutics, Inc.  
**(11)** AU-A-2019335014  
**(21)** 2019335014 **(22)** 05.09.2019  
**(54)** Allogeneic cell compositions and methods of use  
**(51)** Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2020/051374  
**(31)** 62/727,498 **(32)** 05.09.18 **(33)** US  
 62/744,073 10.10.18 US  
 62/815,334 07.03.19 US  
 62/815,880 08.03.19 US  
**(43)** 12.03.2020  
**(72)** OSTERTAG, Eric M.; SHEDLOCK, Devon  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Poviva Tea, LLC  
**(11)** AU-A-2019339510  
**(21)** 2019339510 **(22)** 13.09.2019  
**(54)** Lipophilic active agent infused tobacco leaves and/or tobacco materials and methods of use thereof  
**(51)** Int. Cl.  
**A24B 15/30** ( 2006.01 )  
**A24B 15/10** ( 2006.01 )  
**A24B 15/18** ( 2006.01 )  
**(87)** WO2020/056344  
**(31)** 62/730,645 **(32)** 13.09.18 **(33)** US  
**(43)** 19.03.2020  
**(72)** DOCHERTY, John; BUNKA, Christopher Andrew  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** President and Fellows of Harvard College  
**(11)** AU-A-2019347666

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

- (21) 2019347666 (22) 27.09.2019  
 (54) Cellular reprogramming to reverse aging and promote organ and tissue regeneration
- (51) Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61K 31/711** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2020/069373  
 (31) 62/738,922 (32) 28.09.18 (33) US  
 62/792,283 14.01.19 US  
 62/865,877 24.06.19 US  
 62/880,488 30.07.19 US
- (43) 02.04.2020  
 (72) SINCLAIR, David A.; LU, Yuancheng  
 (74) RnB IP Pty Ltd
- 
- (71) PRESTON, J.C.  
 (11) AU-A-2019316713  
 (21) 2019316713 (22) 07.08.2019  
 (54) Method of erecting a multi-storey structure and facade
- (51) Int. Cl.  
**E04C 2/30** ( 2006.01 )  
**E04B 2/90** ( 2006.01 )  
**E04G 21/32** ( 2006.01 )  
**E04H 6/08** ( 2006.01 )
- (87) WO2020/028947  
 (31) 2018902867 (32) 07.08.18 (33) AU  
 2018903592 25.09.18 AU  
 2018903595 25.09.18 AU  
 2018903596 25.09.18 AU  
 2018904498 26.11.18 AU  
 2018904499 26.11.18 AU
- (43) 13.02.2020  
 (72) PRESTON, John Clement  
 (74) Griffith Hack
- 
- (71) PRESTON, J.C.  
 (11) AU-A-2019317219  
 (21) 2019317219 (22) 07.08.2019  
 (54) Facade panel system and method of erecting a multi-storey structure and facade
- (51) Int. Cl.  
**E04H 6/08** ( 2006.01 )  
**E04B 1/61** ( 2006.01 )  
**E04B 2/90** ( 2006.01 )  
**E04H 6/42** ( 2006.01 )
- (87) WO2020/028948  
 (31) 2018902867 (32) 07.08.18 (33) AU  
 2018903592 25.09.18 AU  
 2018903595 25.09.18 AU  
 2018903596 25.09.18 AU  
 2018904498 26.11.18 AU  
 2018904499 26.11.18 AU
- (43) 13.02.2020  
 (72) PRESTON, John Clement  
 (74) Griffith Hack
- 
- (71) PTC Therapeutics, Inc.; The Trustees of Columbia University in the City of New York  
 (11) AU-A-2019340402  
 (21) 2019340402 (22) 17.08.2019  
 (54) Method for treating pancreatic cancer
- (51) Int. Cl.
- A61K 31/506** ( 2006.01 )  
**A61K 31/337** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2020/055544  
 (31) 62/719,526 (32) 17.08.18 (33) US  
 (43) 19.03.2020  
 (72) WEETALL, Marla L.; CAO, Liangxian; DAVIS, Thomas W.; DUMBLE, Melissa L.; EBERLE-SINGH, Jaime A.; OLIVE, Kenneth P.  
 (74) James & Wells Intellectual Property
- 
- (71) Pujing Chemical Industry Co., Ltd  
 (11) AU-A-2019323492  
 (21) 2019323492 (22) 22.08.2019  
 (54) Catalyst used for producing methyl glycolate and preparation method and application thereof
- (51) Int. Cl.  
**B01J 23/89** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**B01J 23/66** ( 2006.01 )  
**C07C 67/31** ( 2006.01 )  
**C07C 69/675** ( 2006.01 )
- (87) WO2020/038428  
 (31) 201810961927.X (32) 22.08.18 (33) CN  
 (43) 27.02.2020  
 (72) LUO, Nianjun  
 (74) FB Rice Pty Ltd
- 
- (71) Pulsaclass SAS  
 (11) AU-A-2019338677  
 (21) 2019338677 (22) 11.09.2019  
 (54) Device for the rapid chilling of canned drinks
- (51) Int. Cl.  
**F25D 31/00** ( 2006.01 )
- (87) WO2020/053464  
 (31) 20180102616 (32) 13.09.18 (33) AR  
 (43) 19.03.2020  
 (72) CISMONDI, Luciano; DI LORENZO, Pablo Esteban; KÖLLIKER FRERS, Nicolas; CONDOMÍ ALCORTA, Marcos; SCHMIDT, Santiago  
 (74) Chrysiliou IP
- 
- (71) Rain Hail Solutions Pty Ltd  
 (11) AU-A-2019317218  
 (21) 2019317218 (22) 06.08.2019  
 (54) A system for a roof gutter
- (51) Int. Cl.  
**E04D 13/064** ( 2006.01 )  
**E04D 13/04** ( 2006.01 )  
**E04D 13/076** ( 2006.01 )
- (87) WO2020/028941  
 (31) 2018902860 (32) 07.08.18 (33) AU  
 (43) 13.02.2020  
 (72) LAURICELLA, Nick; MARSHALL, Damien  
 (74) Jones Tulloch
- 
- (71) Rapid Micro Biosystems, Inc.  
 (11) AU-A-2019327488  
 (21) 2019327488 (22) 29.08.2019  
 (54) Use of clean and dry gas for particle removal and assembly therefor
- (51) Int. Cl.
- G01N 1/22** ( 2006.01 )  
**B01D 53/00** ( 2006.01 )  
**G01N 1/00** ( 2006.01 )  
**G01N 1/02** ( 2006.01 )
- (87) WO2020/047295  
 (31) 62/724,376 (32) 29.08.18 (33) US  
 (43) 05.03.2020  
 (72) HIGGINS, Rich; FLATON, Ken  
 (74) Spruson & Ferguson
- 
- (71) RepetCo Innovations, S.L.  
 (11) AU-A-2018434968  
 (21) 2018434968 (22) 01.08.2018  
 (54) System and method for separating the layers of multilayer plastics
- (51) Int. Cl.  
**B29B 17/00** ( 2006.01 )  
**B29B 17/02** ( 2006.01 )
- (87) WO2020/025836  
 (43) 06.02.2020  
 (72) GARRIDO ESCUDERO, Amalio; MARTÍNEZ GRACIA, Alexandra; ESCUDERO MARÍN, Pedro Antonio  
 (74) Madderns Pty Ltd
- 
- (71) Research Institute at Nationwide Children's Hospital; The Jackson Laboratory  
 (11) AU-A-2019328270  
 (21) 2019328270 (22) 29.08.2019  
 (54) Products and methods for inhibition of expression of mutant GARS protein
- (51) Int. Cl.  
**C12N 15/85** ( 2006.01 )
- (87) WO2020/047268  
 (31) 62/724,604 (32) 29.08.18 (33) US  
 (43) 05.03.2020  
 (72) HARBOR, Scott Quenton; BURGESS, Robert W.  
 (74) WRAYS PTY LTD
- 
- (71) Revenio Research Oy  
 (11) AU-A-2019334124  
 (21) 2019334124 (22) 03.09.2019  
 (54) Method and arrangement for respiratory measurement
- (51) Int. Cl.  
**G16H 40/63** ( 2018.01 )
- (87) WO2020/048978  
 (31) 62/728,268 (32) 07.09.18 (33) US  
 (43) 12.03.2020  
 (72) SEPPÄ, Ville-Pekka; HULT, Anton  
 (74) Spruson & Ferguson
- 
- (71) Rheinmetall MAN Military Vehicles Österreich GesmbH  
 (11) AU-A-2020323959  
 (21) 2020323959 (22) 12.08.2020  
 (54) Chassis and commercial vehicle
- (51) Int. Cl.  
**B62D 21/00** ( 2006.01 )
- (31) 10 2019 124 460.9 (32) 11.09.19 (33) DE  
 (43) 25.03.2021  
 (72) SCHLEGEL, Christoph  
 (74) FB Rice Pty Ltd

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

- (71) Rheinmetall Waffe Munition GmbH  
(11) AU-A-2019343444  
(21) 2019343444 (22) 27.08.2019  
(54) Method for producing a highly heat-resistant weapon barrel provided with a twist profile  
(51) Int. Cl.  
C21D 1/25 (2006.01)  
B21C 37/15 (2006.01)  
C21D 1/74 (2006.01)  
C21D 9/10 (2006.01)  
C22C 38/18 (2006.01)  
C22C 38/22 (2006.01)  
C22C 38/24 (2006.01)  
(87) WO2020/057916  
(31) 10 2018 123 278.0 (32) 21.09.18 (33) DE  
(43) 26.03.2020  
(72) SCHLENKERT, Gert; KELLER, Ulrich  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Rheinmetall Waffe Munition GmbH  
(11) AU-A-2019358444  
(21) 2019358444 (22) 09.10.2019  
(54) Detonator and munition  
(51) Int. Cl.  
F42D 1/04 (2006.01)  
F42C 19/08 (2006.01)  
F42B 8/26 (2006.01)  
F42B 12/42 (2006.01)  
F42B 12/48 (2006.01)  
(87) WO2020/074594  
(31) 10 2018 125 303.6 (32) 12.10.18 (33) DE  
(43) 16.04.2020  
(72) GNADE, Michael; ZIMMERMANN, Franziska; BRAUER, Beate; WIEHLE, Hartmut  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Rijksuniversiteit Groningen  
(11) AU-A-2019337340  
(21) 2019337340 (22) 11.09.2019  
(54) Biological nanopores having tunable pore diameters and uses thereof as analytical tools  
(51) Int. Cl.  
C07K 14/435 (2006.01)  
G01N 33/487 (2006.01)  
(87) WO2020/055246  
(31) 18193722.8 (32) 11.09.18 (33) EP  
(43) 19.03.2020  
(72) HUANG, Gang; MAGLIA, Giovanni  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Robotics Plus Limited  
(11) AU-A-2020211804  
(21) 2020211804 (22) 24.01.2020  
(54) Load scanning apparatus  
(51) Int. Cl.  
G01B 11/02 (2006.01)  
G01C 11/06 (2006.01)  
G01N 21/898 (2006.01)  
G01N 33/46 (2006.01)  
(87) WO2020/152632  
(31) 750213 (32) 25.01.19 (33) NZ  
(43) 30.07.2020  
(72) ROESKE, Florian Thomas; SCARFE, Alistair John  
(74) AJ PARK
- 
- (71) SAF-Holland GmbH  
(11) AU-A-2020250770  
(21) 2020250770 (22) 18.03.2020  
(54) Primary coupling device and method for connecting a primary coupling device  
(51) Int. Cl.  
B60D 1/01 (2006.01)  
B60D 1/64 (2006.01)  
B62D 53/12 (2006.01)  
(87) WO2020/200787  
(31) 10 2019 108 953.0 (32) 05.04.19 (33) DE  
(43) 08.10.2020  
(72) KÖSTER, Mario Sebastian  
(74) Ahearn Fox
- 
- (71) Saisei Pharma Co., Ltd.  
(11) AU-A-2019334595  
(21) 2019334595 (22) 04.09.2019  
(54) Inflammatory cytokine production inhibitor  
(51) Int. Cl.  
A61K 35/20 (2006.01)  
A23L 33/10 (2016.01)  
A61P 1/04 (2006.01)  
A61P 3/04 (2006.01)  
A61P 3/10 (2006.01)  
A61P 9/10 (2006.01)  
A61P 17/00 (2006.01)  
A61P 25/16 (2006.01)  
A61P 25/18 (2006.01)  
A61P 25/24 (2006.01)  
A61P 25/28 (2006.01)  
A61P 29/00 (2006.01)  
A61P 31/04 (2006.01)  
A61P 43/00 (2006.01)  
C12N 9/24 (2006.01)  
(87) WO2020/050318  
(31) 2018-166062 (32) 05.09.18 (33) JP  
(43) 12.03.2020  
(72) INUI, Toshio  
(74) Shelston IP Pty Ltd.
- 
- (71) Samsung Electronics Co., Ltd.  
(11) AU-A-2019331331  
(21) 2019331331 (22) 27.08.2019  
(54) High gain and large bandwidth antenna incorporating a built-in differential feeding scheme  
(51) Int. Cl.  
H01Q 9/04 (2006.01)  
H01Q 1/24 (2006.01)  
(87) WO2020/045951  
(31) 62/724,175 (32) 29.08.18 (33) US  
62/732,070 17.09.18 US  
16/410,981 13.05.19 US  
(43) 05.03.2020  
(72) TEHRAN, Hamid Reza Memar Zadeh; ZHANG, Jianzhong; CHOI, Won Suk; XU, Gary  
(74) Griffith Hack
- 
- (71) Sanford Burnham Prebys Medical Discovery Institute  
(11) AU-A-2019319212  
(21) 2019319212 (22) 08.08.2019
- 
- (54) Binding molecules to tumor associated macrophages and methods of use  
(51) Int. Cl.  
A61K 49/00 (2006.01)  
A61K 38/08 (2019.01)  
A61K 49/14 (2006.01)  
G01N 33/574 (2006.01)  
(87) WO2020/033663  
(31) 62/717,656 (32) 10.08.18 (33) US  
(43) 13.02.2020  
(72) PANG, Hongbo  
(74) FB Rice Pty Ltd
- 
- (71) Scripps Health; The Scripps Research Institute  
(11) AU-A-2019314458  
(21) 2019314458 (22) 01.08.2019  
(54) Detection and isolation of myeloid-derived suppressor cell subpopulations  
(51) Int. Cl.  
A61K 45/06 (2006.01)  
A61P 35/00 (2006.01)  
G01N 33/48 (2006.01)  
G01N 33/68 (2006.01)  
(87) WO2020/028671  
(31) 62/714,512 (32) 03.08.18 (33) US  
(43) 06.02.2020  
(72) SIGAL, Darren; MACAULEY, Matthew  
(74) FB Rice Pty Ltd
- 
- (71) Seattle Children's Hospital (DBA Seattle Children's Research Institute)  
(11) AU-A-2019333149  
(21) 2019333149 (22) 29.08.2019  
(54) Methods and compositions comprising B7H3 chimeric antigen receptors  
(51) Int. Cl.  
C07K 16/28 (2006.01)  
C07K 16/30 (2006.01)  
C07K 16/32 (2006.01)  
C07K 19/00 (2006.01)  
C12N 15/00 (2006.01)  
C12N 15/62 (2006.01)  
(87) WO2020/047257  
(31) 62/725,599 (32) 31.08.18 (33) US  
(43) 05.03.2020  
(72) JOHNSON, Adam; JENSEN, Michael C.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SenseTime International Pte. Ltd.  
(11) AU-A-2019455811  
(21) 2019455811 (22) 25.09.2019  
(54) Method and apparatus for recognizing sequence in image, electronic device, and storage medium  
(51) Int. Cl.  
G06K 9/00 (2006.01)  
(31) 201910838281.0 (32) 05.09.19 (33) CN  
(43) 25.03.2021  
(72) HU, Wenyang; CAI, Xiaocong; HOU, Jun; YI, Shuai  
(74) AJ PARK
- 
- (71) Shanghai Hongyan Returnable Transit Packagings Co., Ltd.  
(11) AU-A-2019319476

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

- (21) 2019319476 (22) 08.08.2019  
 (54) Foldable container  
 (51) Int. Cl.  
     *B65D 6/22* ( 2006.01 )  
     *B65D 6/18* ( 2006.01 )  
     *B65D 6/24* ( 2006.01 )  
 (87) WO2020/030045  
 (31) 201810894182.X (32) 08.08.18 (33) CN  
 (43) 13.02.2020  
 (72) Not Given  
 (74) Shelston IP Pty Ltd.
- 
- (71) Shanghai Junshi Biosciences Co., Ltd.;  
 Suzhou Junmeng Biosciences Co., Ltd.  
 (11) AU-A-2019315969  
 (21) 2019315969 (22) 29.07.2019  
 (54) Anti-BTLA antibody  
 (51) Int. Cl.  
     *C07K 16/28* ( 2006.01 )  
     *A61K 39/395* ( 2006.01 )  
     *A61P 37/06* ( 2006.01 )  
 (87) WO2020/024897  
 (31) 201810870514.0 (32) 02.08.18 (33) CN  
 (43) 06.02.2020  
 (72) WU, Hai; YAO, Jian; YAO, Sheng;  
     FENG, Hui; ZHANG, Jing; ZHOU, Yue-  
     hua  
 (74) FB Rice Pty Ltd
- 
- (71) Shenzhen Bo Li Lian Medicine Co., Ltd.  
 (11) AU-A-2019328154  
 (21) 2019328154 (22) 22.08.2019  
 (54) Pyrazole compounds, pharmaceutical  
 compositions thereof and use thereof  
 (51) Int. Cl.  
     *C07D 401/14* ( 2006.01 )  
     *A61K 31/41* ( 2006.01 )  
     *A61K 31/4439* ( 2006.01 )  
     *A61P 29/00* ( 2006.01 )  
     *A61P 35/00* ( 2006.01 )  
     *A61P 37/02* ( 2006.01 )  
 (87) WO2020/043008  
 (31) 201810992017.8 (32) 27.08.18 (33) CN  
 (43) 05.03.2020  
 (72) XUE, Chubiao; HUANG, Liye; LI, Hua;  
     LI, Tao; LIU, Huabin  
 (74) FB Rice Pty Ltd
- 
- (71) Shop Vac Corporation  
 (11) AU-A-2019336674  
 (21) 2019336674 (22) 04.09.2019  
 (54) Vacuum filter having pass-through  
 catch  
 (51) Int. Cl.  
     *A47L 9/12* ( 2006.01 )  
 (87) WO2020/051165  
 (31) 62/726,484 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) SEASHOLTZ, Craig A.; WESTBROOK,  
     Kurt; GOTTSCHALL, Jason  
 (74) Griffith Hack
- 
- (71) SICPA Holding SA  
 (11) AU-A-2019315668  
 (21) 2019315668 (22) 26.07.2019  
 (54) Assemblies and processes for produ-  
 cing optical effect layers comprising ori-  
 ented magnetic or magnetizable pig-  
 ment particles
- (51) Int. Cl.  
     *B42D 25/369* ( 2014.01 )  
     *B05D 3/00* ( 2006.01 )  
     *B05D 5/06* ( 2006.01 )  
     *B41M 3/14* ( 2006.01 )  
     *B42D 25/29* ( 2014.01 )  
     *B42D 25/378* ( 2014.01 )  
     *B42D 25/41* ( 2014.01 )  
     *H01F 1/03* ( 2006.01 )  
     *H01F 7/02* ( 2006.01 )  
 (87) WO2020/025482  
 (31) 18186284.8 (32) 30.07.18 (33) EP  
 (43) 06.02.2020  
 (72) NIKSERESHT GHANEPOUR, Neda;  
     SCHMID, Mathieu; DESPLAND,  
     Claude-Alain; MUELLER, Edgar  
 (74) Shelston IP Pty Ltd.
- 
- (71) Siemens Healthcare Diagnostics Inc.  
 (11) AU-A-2019347711  
 (21) 2019347711 (22) 23.09.2019  
 (54) Multi-channel device for calculating co-  
 agulation characteristics of a patient's  
 liquid test sample and methods of use  
 related thereto  
 (51) Int. Cl.  
     *G01N 33/86* ( 2006.01 )  
     *C12Q 1/56* ( 2006.01 )  
     *G01N 33/48* ( 2006.01 )  
     *G01N 33/483* ( 2006.01 )  
     *G01N 33/49* ( 2006.01 )  
     *G01N 33/52* ( 2006.01 )  
 (87) WO2020/068628  
 (31) 62/737,440 (32) 27.09.18 (33) US  
 (43) 02.04.2020  
 (72) KAUFFMANN, Aaron  
 (74) Spruson & Ferguson
- 
- (71) Siemens Healthcare Diagnostics Inc.  
 (11) AU-A-2019349405  
 (21) 2019349405 (22) 20.09.2019  
 (54) Methods for detecting hook effect(s) as-  
 sociated with analyte(s) of interest dur-  
 ing or resulting from the conductance of  
 diagnostic assay(s)  
 (51) Int. Cl.  
     *G01N 21/27* ( 2006.01 )  
     *G01N 33/53* ( 2006.01 )  
     *G01N 35/00* ( 2006.01 )  
 (87) WO2020/068574  
 (31) 62/738,401 (32) 28.09.18 (33) US  
 (43) 02.04.2020  
 (72) CHANEY, Julie; STRADINGER, Jon;  
     KAUFFMANN, Aaron; MAYFIELD, Jef-  
     frey; ZIMMERLE, Chris  
 (74) Spruson & Ferguson
- 
- (71) Sika Technology AG  
 (11) AU-A-2019382199  
 (21) 2019382199 (22) 11.11.2019  
 (54) Curable composition for alkaline sub-  
 strates  
 (51) Int. Cl.  
     *C04B 41/00* ( 2006.01 )  
     *C04B 24/32* ( 2006.01 )  
     *C04B 26/16* ( 2006.01 )  
     *C04B 26/32* ( 2006.01 )
- (87) WO2020/099309  
 (31) 18206320.6 (32) 14.11.18 (33) EP  
 (43) 22.05.2020  
 (72) KRAMER, Andreas; BURCKHARDT,  
     Urs  
 (74) WRAYS PTY LTD
- 
- (71) Société des Produits Nestlé S.A.  
 (11) AU-A-2019370732  
 (21) 2019370732 (22) 01.11.2019  
 (54) Powders containing a buffer salt and  
 an amino acid, reconstitution of such a  
 powder into a nutritional product, and  
 methods of using such a nutritional  
 product  
 (51) Int. Cl.  
     *A23L 33/16* ( 2016.01 )  
     *A23L 33/175* ( 2016.01 )  
     *A61K 31/198* ( 2006.01 )  
     *A61K 45/06* ( 2006.01 )  
 (87) WO2020/089447  
 (31) 62/754,918 (32) 02.11.18 (33) US  
 (43) 07.05.2020  
 (72) GEMILLI, Seyhun  
 (74) Shelston IP Pty Ltd.
- 
- (71) Sound Agriculture Company  
 (11) AU-A-2019349916  
 (21) 2019349916 (22) 25.09.2019  
 (54) Compounds and methods for increas-  
 ing soil nutrient availability  
 (51) Int. Cl.  
     *A01N 43/16* ( 2006.01 )  
 (87) WO2020/068946  
 (31) 62/736,889 (32) 26.09.18 (33) US  
 (43) 02.04.2020  
 (72) BAYER, Travis; SCHWARTZ, Allis-  
     on; SCHNEIDER, Kevin; DAVIDSON,  
     Eric; IBARRA, Christian; KINNE, Aden;  
     KAVANAUGH, Megan  
 (74) Pizeys Patent and Trade Mark Attor-  
     neys Pty Ltd
- 
- (71) Spinal Elements, Inc.  
 (11) AU-A-2019342137  
 (21) 2019342137 (22) 20.09.2019  
 (54) Spinal implant device  
 (51) Int. Cl.  
     *A61F 2/44* ( 2006.01 )  
     *A61F 2/46* ( 2006.01 )  
 (87) WO2020/061487  
 (31) 62/734,148 (32) 20.09.18 (33) US  
     62/790,866 10.01.19 US

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

- (43) 26.03.2020  
 (72) BLAIN, Jason; HART, David; JOHN-SON, Dean; MARTIN, Greg  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Spinal Stabilization Technologies, LLC  
 (11) AU-A-2019384660  
 (21) 2019384660 (22) 04.09.2019  
 (54) Implantable nuclear prosthesis, kits, and related methods  
 (51) Int. Cl.  
 A61F 2/44 ( 2006.01 )  
 A61B 17/58 ( 2006.01 )  
 A61F 2/46 ( 2006.01 )  
 (87) WO2020/106350  
 (31) 62/726,704 (32) 04.09.18 (33) US  
 (43) 28.05.2020  
 (72) FRANCIS W., Loren; NOVOTNY, Mark A.; HALLAM, Cory R.a.; GANEM, Jake  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Staples, L.; Lavelle, M.; Halseth, J.; Snow, N.; Lake, B.  
 (11) AU-A-2019323945  
 (21) 2019323945 (22) 26.08.2019  
 (54) Selectively-accessible feeder  
 (51) Int. Cl.  
 A01M 25/00 ( 2006.01 )  
 A01K 5/01 ( 2006.01 )  
 A01K 39/00 ( 2006.01 )  
 (87) WO2020/037381  
 (31) 62/722,669 (32) 24.08.18 (33) US  
 (43) 27.02.2020  
 (72) STAPLES, Linton Drew; LAVELLE, Michael John; HALSETH, Joseph Martin; SNOW, Nathan Paul; LAKE, Brendan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) State Grid East Inner Mongolia Electric Power Co., Ltd. Maintenance Branch; Chongqing University  
 (11) AU-A-2020286252  
 (21) 2020286252 (22) 25.08.2020  
 (54) Multi-soil model-based device for monitoring environment of grounding electrode and measuring ground current  
 (51) Int. Cl.  
 H01R 4/66 ( 2006.01 )  
 (31) 201910838428.6 (32) 05.09.19 (33) CN  
 (43) 25.03.2021  
 (72) LUO, Hanwu; HAN, Jianjun; YANG, Fan; ZHU, Li; FENG, Xinwen; WANG, Yuandong; CAO, Yongdong; CHEN, Hui; ZHANG, Hailong; GAO, Bing  
 (74) Madderns Pty Ltd
- 
- (71) Sterna Biologicals GmbH & Co.KG  
 (11) AU-A-2019312800  
 (21) 2019312800 (22) 29.07.2019  
 (54) Aerosol-generating device for the inhalation administration of an antisense-molecule-containing composition  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 31/7088 ( 2006.01 )  
 A61M 11/00 ( 2006.01 )  
 A61P 11/06 ( 2006.01 )
- 
- (71) Sudzucker AG  
 (11) AU-A-2019337791  
 (21) 2019337791 (22) 10.09.2019  
 (54) Method for improved production of iso-malt  
 (51) Int. Cl.  
 C07H 1/00 ( 2006.01 )  
 A23L 27/30 ( 2016.01 )  
 A23L 29/30 ( 2016.01 )  
 C07H 15/04 ( 2006.01 )  
 (87) WO2020/053207  
 (31) 18193756.6 (32) 11.09.18 (33) EP  
 (43) 19.03.2020  
 (72) HAJI BEGLI, Alireza; KRÖNER, Christine  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Sumitomo SHI FW Energia Oy  
 (11) AU-A-2018438149  
 (21) 2018438149 (22) 24.08.2018  
 (54) An arrangement for and a method of controlling flow of solid particles and a fluidized bed reactor  
 (51) Int. Cl.  
 B01J 8/18 ( 2006.01 )  
 B01J 4/00 ( 2006.01 )  
 B01J 8/00 ( 2006.01 )  
 B01J 8/38 ( 2006.01 )  
 F22B 31/00 ( 2006.01 )  
 F23C 10/26 ( 2006.01 )  
 (87) WO2020/039117  
 (43) 27.02.2020  
 (72) ROSNELL, Teemu; KETTUNEN, Ari  
 (74) Griffith Hack
- 
- (71) Swarfix AS  
 (11) AU-A-2019342223  
 (21) 2019342223 (22) 10.09.2019  
 (54) Well tool  
 (51) Int. Cl.  
 E21B 27/04 ( 2006.01 )  
 E21B 37/00 ( 2006.01 )  
 (87) WO2020/058039  
 (31) 20181205 (32) 17.09.18 (33) NO
- 
- (71) Symrise AG  
 (11) AU-A-2018441463  
 (21) 2018441463 (22) 14.09.2018  
 (54) A hair care composition  
 (51) Int. Cl.  
 A61K 8/36 ( 2006.01 )  
 A61K 8/37 ( 2006.01 )  
 A61K 8/9794 ( 2017.01 )  
 A61Q 5/00 ( 2006.01 )  
 (87) WO2020/052778  
 (43) 19.03.2020  
 (72) NAKANO, Adelino; LOURENÇO, Carolina; PAULA DE, Márcia; CARTAXO, Rita De Cássia  
 (74) Spruson & Ferguson
- 
- (71) Systems Spray-Cooled, Inc.  
 (11) AU-A-2019358883  
 (21) 2019358883 (22) 07.10.2019  
 (54) Dynamic cooling of a metallurgical furnace  
 (51) Int. Cl.  
 F27D 9/00 ( 2006.01 )  
 F27D 19/00 ( 2006.01 )  
 (87) WO2020/076673  
 (31) 16/154,345 (32) 08.10.18 (33) US  
 (43) 16.04.2020  
 (72) FERGUSON, Scott A.; WARD, Troy D.; WILSON, Logan A.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Systems Spray-Cooled, Inc.  
 (11) AU-A-2019374024  
 (21) 2019374024 (22) 11.10.2019  
 (54) Drain pump for a spray-cooled metallurgical furnace  
 (51) Int. Cl.  
 F27B 3/24 ( 2006.01 )  
 F27B 3/08 ( 2006.01 )  
 F27B 3/16 ( 2006.01 )  
 F27D 9/00 ( 2006.01 )  
 (87) WO2020/091975  
 (31) 62/752,057 (32) 29.10.18 (33) US  
 (43) 07.05.2020  
 (72) FERGUSON, Scott A.; WARD, Troy D.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Tableau Software, Inc.  
 (11) AU-A-2019344461  
 (21) 2019344461 (22) 23.08.2019  
 (54) Analyzing natural language expressions in a data visualization user interface  
 (51) Int. Cl.  
 G06F 8/38 ( 2018.01 )  
 G06F 3/048 ( 2013.01 )  
 G06F 9/451 ( 2018.01 )  
 G06F 16/242 ( 2019.01 )  
 G06F 16/248 ( 2019.01 )  
 G06F 16/28 ( 2019.01 )  
 G06F 16/332 ( 2019.01 )  
 (87) WO2020/060720  
 (31) 16/134,907 (32) 18.09.18 (33) US

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

- 16/134,892 18.09.18 US (71) Telefonaktiebolaget LM Ericsson (publ)  
 (43) 26.03.2020 (11) AU-A-2019322983  
 (72) ERICSON, Jeffrey; GOLBABAEL, San- (21) 2019322983 (22) 10.07.2019  
 az; KORNISH, Theodore; SETLUR, (54) Method and system for determination of  
 Vidya Raghavan; DJALALI, Alex synchronization signal (SS) block map-  
 (74) FPA Patent Attorneys Pty Ltd ping pattern in a wireless network  
 (51) Int. Cl.  
*H04W 72/04* (2009.01 )  
*H04W 72/02* (2009.01 )  
 (87) WO2020/034792  
 (31) PCT/ (32) 15.08.18 (33) CN  
 CN2018/100697  
 (43) 20.02.2020  
 (72) LIN, Zhipeng; GRÖVLEN, Asbjörn;  
 OVESJO, Fredrik; BALDEMAIR,  
 Robert; TIDESTAV, Claes  
 (74) AJ PARK
- 
- (71) Tel Hashomer Medical Research Infra-  
 structure and Services Ltd.  
 (11) AU-A-2019331103  
 (21) 2019331103 (22) 27.08.2019  
 (54) System and method for determining  
 oxygenated-blood content of biological  
 tissue  
 (51) Int. Cl.  
*A61B 5/145* (2006.01 )  
*A61B 5/00* (2006.01 )  
 (87) WO2020/044337  
 (31) 62/724,116 (32) 29.08.18 (33) US  
 263498 04.12.18 IL  
 (43) 05.03.2020  
 (72) KOSTENICH, Genady; ORENSTEIN,  
 Arie; ORON-HERMAN, Mor  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Tenaya Therapeutics, Inc.  
 (11) AU-A-2019333315  
 (21) 2019333315 (22) 30.08.2019  
 (54) Cardiac cell reprogramming with  
 myocardin and ASCL1  
 (51) Int. Cl.  
*A61K 38/18* (2006.01 )  
*C07K 14/47* (2006.01 )  
*C12N 5/07* (2010.01 )  
*C12N 5/07A* (2010.01 )  
 (87) WO2020/047467  
 (31) 62/725,168 (32) 30.08.18 (33) US  
 62/788,479 04.01.19 US  
 62/852,746 24.05.19 US  
 (43) 05.03.2020  
 (72) ZHOU, Huanyu; LOMBARDI, Laura  
 (74) RnB IP
- 
- (71) TerraPower, LLC  
 (11) AU-A-2019380605  
 (21) 2019380605 (22) 15.11.2019  
 (54) Beneficiation of coal for storage, trans-  
 portation, and gasification using super-  
 critical carbon dioxide  
 (51) Int. Cl.  
*C10L 5/04* (2006.01 )  
*B01D 11/02* (2006.01 )  
*C10L 5/28* (2006.01 )  
*C10L 5/36* (2006.01 )  
*C10L 9/00* (2006.01 )  
*C10L 9/08* (2006.01 )  
 (87) WO2020/102732  
 (31) 62/768,630 (32) 16.11.18 (33) US
- 
- (71) The Board of Regents of the University  
 of Texas System  
 (11) AU-A-2019336679  
 (21) 2019336679 (22) 04.09.2019  
 (54) Compositions and methods for organ  
 specific delivery of nucleic acids  
 (51) Int. Cl.  
*A61K 31/685* (2006.01 )  
*A61K 31/7105* (2006.01 )  
*A61K 47/54* (2017.01 )  
 (87) WO2020/051223  
 (31) 62/726,741 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) CHENG, Qiang; WEI, Tuo; SIEGWART,  
 Daniel J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Board of The Regents Of The Uni-  
 versity Of Texas System  
 (11) AU-A-2019335055  
 (21) 2019335055 (22) 04.09.2019  
 (54) Compositions and methods for organ  
 specific delivery of nucleic acids  
 (51) Int. Cl.  
*A61K 47/69* (2017.01 )  
*A61K 48/00* (2006.01 )  
 (87) WO2020/051220  
 (31) 62/726,770 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (72) CHENG, Qiang; WEI, Tuo; SIEGWART,  
 Daniel J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Board of Trustees of the Leland  
 Stanford Junior University  
 (11) AU-A-2019319745  
 (21) 2019319745 (22) 06.08.2019  
 (54) 2-arylbenzimidazoles as Pparg1a ac-  
 tivators for treating neurodegenerative  
 diseases  
 (51) Int. Cl.  
*A61K 31/4184* (2006.01 )  
*A61P 25/00* (2006.01 )  
*C07D 235/18* (2006.01 )  
 (87) WO2020/033359  
 (31) 62/714,962 (32) 06.08.18 (33) US  
 (43) 13.02.2020  
 (72) BANISTER, Samuel D.; ENGLEMAN,  
 Edgar; NGUYEN, Khoa D.; SMITH,  
 Mark  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) The Broad Institute, Inc.; Massachu-  
 setts Institute of Technology; President  
 and Fellows of Harvard College  
 (11) AU-A-2019314433  
 (21) 2019314433 (22) 31.07.2019  
 (54) Novel CRISPR enzymes and systems  
 (51) Int. Cl.  
*C12N 9/22* (2006.01 )  
 (87) WO2020/028555
- 
- (71) TDF  
 (11) AU-A-2019336551  
 (21) 2019336551 (22) 06.09.2019  
 (54) Method and device for generating a  
 radar signal, associated radar detection  
 method and system  
 (51) Int. Cl.  
*G01S 13/00* (2006.01 )  
*G01S 7/00* (2006.01 )  
*G01S 7/02* (2006.01 )  
*G01S 7/282* (2006.01 )  
*G01S 7/292* (2006.01 )  
 (87) WO2020/049260  
 (31) 1858055 (32) 07.09.18 (33) FR  
 (43) 12.03.2020  
 (72) KASSER, Pierre  
 (74) Griffith Hack
- 
- (71) Technologies Intelia Inc.  
 (11) AU-A-2019315338  
 (21) 2019315338 (22) 05.08.2019  
 (54) Method and apparatus to monitor a  
 reservoir or a structure  
 (51) Int. Cl.  
*G01G 3/12* (2006.01 )  
 (87) WO2020/024067  
 (31) 62/714,647 (32) 03.08.18 (33) US  
 (43) 06.02.2020  
 (72) BOUCHARD, Claude; SAMSON, Josée  
 (74) Anderson IP
- 
- (71) Techtronic Cordless GP  
 (11) AU-A-2018440861  
 (21) 2018440861 (22) 14.09.2018  
 (54) Navigation system for use in automom-  
 ous tool and method for controlling  
 autonomous tool  
 (51) Int. Cl.  
*G01D 1/08* (2006.01 )  
 (87) WO2020/051882  
 (43) 19.03.2020  
 (72) LEE, Hei Man; CHEUNG, Ngai; KIM,  
 Dohoon; FAUTEUX, Denis Gaston; LI-  
 AN, Hai  
 (74) Spruson & Ferguson
- 
- (71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-A-2019316156  
 (21) 2019316156 (22) 29.07.2019  
 (54) User plane optimizations for 5G cellular  
 internet of things  
 (51) Int. Cl.  
*H04W 76/34* (2018.01 )  
*H04W 74/00* (2009.01 )  
 (87) WO2020/025556  
 (31) 62/714,284 (32) 03.08.18 (33) US  
 (43) 06.02.2020  
 (72) RÖNNEKE, Hans Bertil; CHEN, Qian  
 (74) FB Rice Pty Ltd

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

- (31) 62/712,809 (32) 31.07.18 (33) US  
62/751,421 26.10.18 US  
62/775,865 05.12.18 US  
62/822,639 22.03.19 US  
62/873,031 11.07.19 US
- (43) 06.02.2020
- (72) ZHANG, Feng; SLAYMAKER, Ian;  
KANNAN, Soumya; GOOTENBERG,  
Jonathan; ABUDAYYEH, Omar
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Chemours Company FC, LLC  
(11) AU-A-2019363604  
(21) 2019363604 (22) 25.10.2019  
(54) HFO-1234ze and hfo-1234yf composi-  
tions and processes for producing and  
using the compositions
- (51) Int. Cl.  
**C07C 17/25** ( 2006.01 )  
**C07C 17/358** ( 2006.01 )  
**C07C 21/18** ( 2006.01 )
- (87) WO2020/086928  
(31) 62/750,991 (32) 26.10.18 (33) US  
(43) 30.04.2020  
(72) PENG, Sheng; NAPPA, Mario Joseph  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) The Children's Hospital of Philadelphia  
(11) AU-A-2019336798  
(21) 2019336798 (22) 09.09.2019  
(54) Compositions and methods for the dia-  
gnosis and treatment of lymphatic sys-  
tem disorders
- (51) Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**C12Q 1/6883** ( 2018.01 )
- (87) WO2020/051580  
(31) 62/728,444 (32) 07.09.18 (33) US  
(43) 12.03.2020  
(72) HAKONARSON, Hakon; DORI, Yoav;  
LI, Dong; MARCH, Michael; KAO,  
Charly; SEILER, Christoph  
(74) RNB IP PTY LTD
- 
- (71) The General Hospital Corporation;  
ARNAOUT M., A.  
(11) AU-A-2019316562  
(21) 2019316562 (22) 08.08.2019  
(54) Integrin antagonists
- (51) Int. Cl.  
**C07D 211/20** ( 2006.01 )  
**C07D 209/04** ( 2006.01 )  
**C07D 211/22** ( 2006.01 )
- (87) WO2020/033724  
(31) 62/715,860 (32) 08.08.18 (33) US  
62/757,126 07.11.18 US  
62/786,804 31.12.18 US  
(43) 13.02.2020  
(72) ARNAOUT M., Amin  
(74) RnB IP Pty Ltd
- 
- (71) The General Hospital Corporation;  
ARNAOUT, M.A.  
(11) AU-A-2019318538  
(21) 2019318538 (22) 08.08.2019  
(54) Polypeptide integrin antagonists
- (51) Int. Cl.  
**C07K 14/78** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**C07K 7/64** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )
- (87) WO2020/033731  
(31) 62/715,860 (32) 08.08.18 (33) US  
62/757,126 07.11.18 US  
62/786,804 31.12.18 US  
(43) 13.02.2020  
(72) ARNAOUT M. Amin  
(74) RnB IP Pty Ltd
- 
- (71) The General Hospital Corporation; AZ-  
Therapies, Inc.  
(11) AU-A-2019336698  
(21) 2019336698 (22) 05.09.2019  
(54) Methods of treating cytokine release  
syndrome
- (51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**C07D 311/24** ( 2006.01 )
- (87) WO2020/051322  
(31) 62/727,177 (32) 05.09.18 (33) US  
(43) 12.03.2020  
(72) ELMALEH, David R.; TANZI, Rudolph  
E.; GRICIUC, Ana; WARREN, Robert;  
REEVES, Karen  
(74) Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) The General Hospital Corporation  
(11) AU-A-2019349817  
(21) 2019349817 (22) 06.09.2019  
(54) Compositions and methods for immune  
checkpoint inhibition
- (51) Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61K 49/18** ( 2006.01 )
- (87) WO2020/068398  
(31) 62/728,459 (32) 07.09.18 (33) US  
62/790,953 10.01.19 US  
(43) 02.04.2020  
(72) MEDAROVA, Zdravka; YOO, Byunghee  
(74) RnB IP Pty Ltd
- 
- (71) The Gillette Company LLC  
(11) AU-A-2019361950  
(21) 2019361950 (22) 16.10.2019  
(54) Grooming device
- (51) Int. Cl.  
**B26B 19/38** ( 2006.01 )  
**B26B 21/40** ( 2006.01 )
- (87) WO2020/081619  
(31) 62/747,717 (32) 19.10.18 (33) US  
(43) 23.04.2020  
(72) GOOD, Ian Anthony; BONIFER, Wern-  
er Friedrich Johann; SHERMAN, Faiz  
Feisal  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) The Regents of the University of Cali-  
fornia  
(11) AU-A-2019339515  
(21) 2019339515 (22) 13.09.2019  
(54) Bacteriotherapy against propionibac-  
terium acnes for the treatment of acne
- (51) Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**A61K 8/99** ( 2017.01 )  
**A61K 9/06** ( 2006.01 )  
**A61P 17/10** ( 2006.01 )
- (87) WO2020/056359  
(31) 62/730,999 (32) 13.09.18 (33) US  
(43) 19.03.2020  
(72) GALLO, Richard L.; NAKATSUJI, Teru-  
aki; O'NEILL, Alan O.  
(74) Spruson & Ferguson
- 
- (71) The United States of America, as rep-  
resented by the Secretary, Department  
of Health and Human Services  
(11) AU-A-2019344795  
(21) 2019344795 (22) 17.09.2019  
(54) Bicistronic chimeric antigen receptors  
targeting CD19 and CD20 and their  
uses
- (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/02** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )
- (87) WO2020/061048  
(31) 62/732,263 (32) 17.09.18 (33) US  
(43) 26.03.2020  
(72) KOCHENDERFER, James N.; YANG,  
Shicheng  
(74) James & Wells Intellectual Property
- 
- (71) Tompkins Robotics, Inc.  
(11) AU-A-2019336614  
(21) 2019336614 (22) 27.08.2019  
(54) Parcel and article sorting system and  
method with destination container re-  
moval
- (51) Int. Cl.  
**B07C 3/18** ( 2006.01 )  
**B07C 3/00** ( 2006.01 )  
**B65G 1/04** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**G05B 19/418** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )
- (87) WO2020/051020  
(31) 62/727,619 (32) 06.09.18 (33) US  
(43) 12.03.2020  
(72) FUTCH, Michael C.; SERSTAD, James  
M.  
(74) RnB IP Pty Ltd
- 
- (71) Toray Industries, Inc.  
(11) AU-A-2019318699  
(21) 2019318699 (22) 01.08.2019  
(54) Multiaxial textile resin base material  
and method for production thereof
- (51) Int. Cl.  
**C08J 5/04** ( 2006.01 )  
**B32B 5/28** ( 2006.01 )  
**D03D 1/00** ( 2006.01 )  
**D04H 3/04** ( 2012.01 )  
**D04H 3/115** ( 2012.01 )  
**D06M 17/00** ( 2006.01 )  
**C08L 67/00** ( 2006.01 )
- (87) WO2020/031834



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

- (31) 2018-148316 (32) 07.08.18 (33) JP  
2018-148317 07.08.18 JP  
(43) 13.02.2020  
(72) OUCHIYAMA, Naoya; OME, Hiroyuki;  
SHIRAHASE, Akihiko  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Toyota Motor North America, Inc.  
(11) AU-A-2019344532  
(21) 2019344532 (22) 10.09.2019  
(54) Modular power bases for wheelchairs  
(51) Int. Cl.  
A61G 5/04 ( 2013.01 )  
A61G 5/06 ( 2006.01 )  
A61G 5/10 ( 2006.01 )  
(87) WO2020/060798  
(31) 16/133,198 (32) 17.09.18 (33) US  
(43) 26.03.2020  
(72) MOORE, Douglas A.  
(74) Spruson & Ferguson
- 
- (71) Trouperdale Pty Ltd  
(11) AU-A-2019318097  
(21) 2019318097 (22) 08.08.2019  
(54) Blast hole liner  
(51) Int. Cl.  
F42B 3/087 ( 2006.01 )  
F42B 3/28 ( 2006.01 )  
F42D 1/00 ( 2006.01 )  
(87) WO2020/028952  
(31) 2018902883 (32) 08.08.18 (33) AU  
(43) 13.02.2020  
(72) MARTIN, Michael  
(74) FB Rice Pty Ltd
- 
- (71) UAB Research Foundation  
(11) AU-A-2019315577  
(21) 2019315577 (22) 02.08.2019  
(54) Methods and compositions for alphavirus vaccine  
(51) Int. Cl.  
C07K 14/005 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61K 39/12 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
G01N 33/569 ( 2006.01 )  
(87) WO2020/028749  
(31) 62/714,598 (32) 03.08.18 (33) US  
(43) 06.02.2020  
(72) FROLOVA, Elena I.; FROLOV, Ilya V.  
(74) FB Rice Pty Ltd
- 
- (71) Universal Village International Pty Ltd  
(11) AU-A-2019318095  
(21) 2019318095 (22) 01.08.2019  
(54) Plant extract product  
(51) Int. Cl.  
A23L 33/105 ( 2016.01 )  
A23F 3/00 ( 2006.01 )  
A23F 5/00 ( 2006.01 )  
A23P 10/20 ( 2016.01 )  
B01J 2/16 ( 2006.01 )  
(87) WO2020/028935  
(31) 2018902844 (32) 04.08.18 (33) AU
- 
- (71) University of Connecticut  
(11) AU-A-2019344006  
(21) 2019344006 (22) 20.09.2019  
(54) Compositions and methods to restore paternal UBE3A gene expression in human Angelman Syndrome  
(51) Int. Cl.  
A61K 48/00 ( 2006.01 )  
(87) WO2020/061528  
(31) 62/734,435 (32) 21.09.18 (33) US  
(43) 26.03.2020  
(72) CHAMBERLAIN, Stormy; GERMAIN, Noelle  
(74) Shelston IP Pty Ltd.
- 
- (71) Vaccibody AS  
(11) AU-A-2019346023  
(21) 2019346023 (22) 27.09.2019  
(54) Method for selecting neopeptides  
(51) Int. Cl.  
C40B 30/04 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
G16B 20/30 ( 2019.01 )  
(87) WO2020/065023  
(31) 18197172.2 (32) 27.09.18 (33) EP  
(43) 02.04.2020  
(72) SEKELJA, Monika; SCHJETNE, Karoline; FREDRIKSEN, Agnete Brunsvik  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Vacuworx Global, Llc; Bakker Special Grabs Bv  
(11) AU-A-2019335313  
(21) 2019335313 (22) 05.09.2019  
(54) Grab-type lifter with vacuum-assisted lift pads  
(51) Int. Cl.  
B66C 1/02 ( 2006.01 )  
B66C 1/44 ( 2006.01 )  
(87) WO2020/051336  
(31) 62/727,249 (32) 05.09.18 (33) US  
(43) 12.03.2020  
(72) SOLOMON, William J.; HENDRICKS, Justin; GUSELLA, Federico; SLIKKER, Rob  
(74) MINTER ELLISON
- 
- (71) Veltek Associates, Inc.  
(11) AU-A-2019343119  
(21) 2019343119 (22) 16.09.2019  
(54) Pouch with breakable seal  
(51) Int. Cl.  
B65D 81/32 ( 2006.01 )  
A62D 3/30 ( 2007.01 )  
B65B 29/10 ( 2006.01 )  
B65D 27/08 ( 2006.01 )  
B65D 30/22 ( 2006.01 )  
B65D 37/00 ( 2006.01 )  
(87) WO2020/060900  
(31) 62/732,360 (32) 17.09.18 (33) US
- 
- (43) 26.03.2020  
(72) COMPO, Mark J.; BALESTRI, Michael  
(74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Vor Biopharma Inc.  
(11) AU-A-2019333104  
(21) 2019333104 (22) 28.08.2019  
(54) Genetically engineered hematopoietic stem cells and uses thereof  
(51) Int. Cl.  
C07K 14/725 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C07K 16/30 ( 2006.01 )  
C12N 5/0789 ( 2010.01 )  
(87) WO2020/047164  
(31) 62/809,202 (32) 22.02.19 (33) US  
62/723,993 28.08.18 US  
62/728,061 06.09.18 US  
62/789,440 07.01.19 US  
(43) 05.03.2020  
(72) BOLEN, Joseph; RADOVIC-MORENO, Aleksandar Filip; LYDEARD, John  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Washington University  
(11) AU-A-2019339452  
(21) 2019339452 (22) 11.09.2019  
(54) Anti-trem-2 agonist antibodies  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
C07K 16/00 ( 2006.01 )  
C07K 16/46 ( 2006.01 )  
C07K 19/00 ( 2006.01 )  
C12N 15/13 ( 2006.01 )  
(87) WO2020/055975  
(31) 62/729,458 (32) 11.09.18 (33) US  
(43) 19.03.2020  
(72) HOLTZMAN, David; ULRICH, Jason; JI-ANG, Hong  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Weir Minerals Australia Ltd  
(11) AU-A-2019335416  
(21) 2019335416 (22) 04.09.2019  
(54) Dewatering method and system  
(51) Int. Cl.  
C02F 1/38 ( 2006.01 )  
C02F 9/02 ( 2006.01 )  
C02F 11/12 ( 2019.01 )  
(87) WO2020/047592  
(31) 2018903278 (32) 04.09.18 (33) AU  
(43) 12.03.2020  
(72) STEWARD, Nils Richard; STEPHENSON, Dean  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Wirth Research Limited  
(11) AU-A-2019326714  
(21) 2019326714 (22) 16.08.2019  
(54) A refrigerated display case  
(51) Int. Cl.  
A47F 3/04 ( 2006.01 )  
A47F 5/00 ( 2006.01 )  
F25D 23/02 ( 2006.01 )

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

- (87) WO2020/038840  
 (31) 1813547.5 (32) 20.08.18 (33) GB  
 (43) 27.02.2020  
 (72) WIRTH, Nicholas  
 (74) AJ PARK
- 
- (71) Wisconsin Alumni Research Foundation  
 (11) AU-A-2019336657  
 (21) 2019336657 (22) 29.08.2019  
 (54) Biomarkers for early diagnosis and differentiation of mycobacterial infection  
 (51) Int. Cl.  
 G01N 33/569 ( 2006.01 )  
 C12Q 1/689 ( 2018.01 )
- (87) WO2020/051070  
 (31) 62/728,387 (32) 07.09.18 (33) US  
 (43) 12.03.2020  
 (72) TALAAT, Adel Mohamed; WU, Chia-wei  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) WUYI University  
 (11) AU-A-2019433218  
 (21) 2019433218 (22) 08.10.2019  
 (54) Method for analyzing dynamic characteristic of EEG Functional connectivity related to driving fatigue  
 (51) Int. Cl.  
 A61B 5/372 ( 2021.01 )  
 A61B 5/18 ( 2006.01 )  
 A61B 5/369 ( 2021.01 )  
 G06K 9/62 ( 2006.01 )
- (31) 201910859394.9 (32) 11.09.19 (33) CN  
 (43) 25.03.2021  
 (72) WANG, Hongtao; LIU, Xucheng; LI, Ting; TANG, Cong; PEI, Zi'an; YUE, Hongwei; CHEN, Peng; XU, Tao  
 (74) Patenteur Pty Ltd
- 
- (71) Yank Technologies, Inc.  
 (11) AU-A-2019346612  
 (21) 2019346612 (22) 26.09.2019  
 (54) Parallel tuned amplifiers  
 (51) Int. Cl.  
 H03F 3/217 ( 2006.01 )  
 H02J 7/02 ( 2016.01 )  
 H03F 3/191 ( 2006.01 )  
 H03F 3/30 ( 2006.01 )
- (87) WO2020/069198  
 (31) 62/736,843 (32) 26.09.18 (33) US  
 (43) 02.04.2020  
 (72) YANKOWITZ, Joshua Aaron  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Zenith Epigenetics Ltd.  
 (11) AU-A-2019337470  
 (21) 2019337470 (22) 13.09.2019  
 (54) Combination therapy for the treatment of triple-negative breast cancer  
 (51) Int. Cl.  
 A61K 31/437 ( 2006.01 )  
 A61K 31/5025 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 471/04 ( 2006.01 )  
 C07D 471/06 ( 2006.01 )
- (87) WO2020/053655  
 (31) 62/737,628 (32) 27.09.18 (33) US  
 62/730,879 13.09.18 US  
 (43) 19.03.2020  
 (72) CAMPEAU, Eric; TSUJIKAWA, Laura; LAKHOTIA, Sanjay  
 (74) Spruson & Ferguson
- 
- (71) Zhejiang Sunwave Communications Technology Co., Ltd  
 (11) AU-A-2018437534  
 (21) 2018437534 (22) 28.12.2018  
 (54) Digital optical fiber-based distributed signal control system  
 (51) Int. Cl.  
 H04B 10/2575 ( 2013.01 )
- (87) WO2020/037928  
 (31) 201810973130.1 (32) 24.08.18 (33) CN  
 (43) 27.02.2020  
 (72) OU, Xingbao; CAO, Yongfu; YANG, Jinfeng; YUAN, Yongchao  
 (74) Madderns Pty Ltd

Numerical Index

<b>2018434968</b>	RepetCo Innovations, S.L.	<b>2019318116</b>	Invinity Energy Systems (Ireland) Limited
<b>2018435824</b>	Khalifa University of Science and Technology; Abu Dhabi National Oil Company	<b>2019318415</b>	Bristol-Myers Squibb Company
<b>2018435992</b>	Genie Enterprise Ltd.	<b>2019318437</b>	Bulk Innovations Pty Ltd
<b>2018436336</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019318538</b>	The General Hospital Corporation; ARNAOUT, M.A.
<b>2018436721</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	<b>2019318699</b>	Toray Industries, Inc.
<b>2018437534</b>	Zhejiang Sunwave Communications Technology Co., Ltd	<b>2019318814</b>	Lawn Trim Pty Ltd
<b>2018437976</b>	Honda Motor Co., Ltd.	<b>2019318817</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018438149</b>	Sumitomo SHI FW Energia Oy	<b>2019319004</b>	Nicox S.A.
<b>2018440151</b>	PipeFusion CIPP Corporation	<b>2019319120</b>	Stramba S.r.l.
<b>2018440274</b>	Fujitsu Limited	<b>2019319212</b>	Sanford Burnham Prebys Medical Discovery Institute
<b>2018440564</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019319296</b>	New York University
<b>2018440861</b>	Techtronic Cordless GP	<b>2019319476</b>	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
<b>2018441183</b>	Heineken Supply Chain B.V.	<b>2019319709</b>	Lehavot Production & Protection (1995) Ltd.
<b>2018441184</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019319740</b>	Aldeyra Therapeutics, Inc.
<b>2018441273</b>	Nankaigosen Co., Ltd.; Ueda, I.	<b>2019319745</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2018441463</b>	Symrise AG	<b>2019319769</b>	7108789 Manitoba Inc.
<b>2018441778</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019319816</b>	Archer Daniels Midland Company
<b>2018441905</b>	Huawei Technologies Co., Ltd.	<b>2019319832</b>	Arizona Board of Regents on behalf of Arizona State University
<b>2018442262</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019319835</b>	Bristol-Myers Squibb Company
<b>2018442982</b>	Colgate-Palmolive Company	<b>2019319971</b>	Navire Pharma, Inc.
<b>2018443159</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2019320533</b>	Kardion GmbH
<b>2018445019</b>	Eardley Holding AG	<b>2019320962</b>	Coloplast A/S
<b>2018448037</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019321432</b>	MEI Pharma, Inc.
<b>2018449575</b>	Hebei Veyong Bio-Chemical Co., Ltd	<b>2019321457</b>	Abiomed, Inc.
<b>2019310098</b>	Applied Lifesciences And Systems LLC	<b>2019321526</b>	MEI Pharma, Inc.
<b>2019312739</b>	Arenson, L.	<b>2019321556</b>	IMEL Biotherapeutics, Inc.
<b>2019312800</b>	Sterna Biologicals GmbH & Co.KG	<b>2019321819</b>	Fisher & Paykel Healthcare Limited
<b>2019313161</b>	Liquid Time Pty Ltd	<b>2019321888</b>	Huawei Technologies Co., Ltd.
<b>2019313413</b>	Enpulsion GmbH	<b>2019322187</b>	Pharmacyl Ab
<b>2019314433</b>	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	<b>2019322251</b>	LITHTECH INDUSTRIES PTY LTD
<b>2019314458</b>	Scripps Health; The Scripps Research Institute	<b>2019322564</b>	Pharmacyl Ab
<b>2019314498</b>	Attune Agriculture LLC; ANDON, G.C.; QUATTLEBAUM, E.; AKINS, M.L.	<b>2019322927</b>	Bradken Resources Pty Limited
<b>2019314529</b>	Genzyme Corporation; Sanofi-Aventis Recherche & Developpement	<b>2019322983</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2019314560</b>	Peloton Interactive, Inc.	<b>2019323492</b>	Pujing Chemical Industry Co., Ltd
<b>2019314561</b>	FARAMARZI, F.F.; FARAMARZI, S.; FARAMARZI, S.	<b>2019323714</b>	Jaguahr Therapeutics Pte Ltd
<b>2019314773</b>	Edge Marketing Corp.	<b>2019323944</b>	La Trobe University; The University of Queensland
<b>2019315213</b>	Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG; Osaka University	<b>2019323945</b>	Staples, L.; Lavelle, M.; Halseth, J.; Snow, N.; Lake, B.
<b>2019315338</b>	Technologies Intelia Inc.	<b>2019324158</b>	CAHANA, A.
<b>2019315577</b>	UAB Research Foundation	<b>2019324420</b>	AuRoCon ApS
<b>2019315604</b>	Catolog Technologies, Inc	<b>2019324654</b>	NTT DoCoMo, Inc.
<b>2019315668</b>	SICPA Holding SA	<b>2019324739</b>	Moharram Venturas Inc.
<b>2019315734</b>	Fine Agrochemicals Limited	<b>2019325244</b>	Advanced Flexible Composites, Inc.
<b>2019315969</b>	Shanghai Junshi Biosciences Co., Ltd.; Suzhou Junmeng Biosciences Co., Ltd.	<b>2019325258</b>	Eko Devices, Inc.
<b>2019316156</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2019325414</b>	DOUGLAS, D.B.; DOUGLAS, R.E.; DOUGLAS, K.M.
<b>2019316540</b>	Lenkbar, LLC	<b>2019325486</b>	Allergan, Inc.
<b>2019316562</b>	The General Hospital Corporation; ARNAOUT M., A.	<b>2019326038</b>	Agnihotri, D.; Barelli, J.
<b>2019316571</b>	Modl Outdoors, LLC	<b>2019326462</b>	Gen-Probe Incorporated
<b>2019316713</b>	PRESTON, J.C.	<b>2019326523</b>	Cortex Composites, Inc.
<b>2019317218</b>	Rain Hail Solutions Pty Ltd	<b>2019326633</b>	Adlai Nortye Biopharma Co., Ltd.
<b>2019317219</b>	PRESTON, J.C.	<b>2019326714</b>	Wirth Research Limited
<b>2019317676</b>	Huawei Technologies Co., Ltd.	<b>2019326865</b>	Merck Patent GmbH
<b>2019318095</b>	Universal Village International Pty Ltd	<b>2019326896</b>	APR Applied Pharma Research S.A..
<b>2019318097</b>	Trouperdale Pty Ltd	<b>2019327380</b>	DJO France
		<b>2019327488</b>	Rapid Micro Biosystems, Inc.
		<b>2019327490</b>	Innovative Cellular Therapeutics Holdings, Ltd.; Innovative Cellular Therapeutics Inc.
		<b>2019328154</b>	Shenzhen Bo Li Lian Medicine Co., Ltd.
		<b>2019328256</b>	CNH Industrial France S.A.S.
		<b>2019328270</b>	Research Institute at Nationwide Children's Hospital; The Jackson Laboratory
		<b>2019328513</b>	Metso Outotec Finland Oy
		<b>2019328523</b>	Massachusetts Institute of Technology
		<b>2019328632</b>	Pieris Pharmaceuticals GmbH
		<b>2019329424</b>	Caterpillar Inc.

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

2019329430	Caterpillar Inc.	2019336609	Caterpillar Global Mining LLC
2019329691	Jilfinity and Beyond, LLC.	2019336614	Tompkins Robotics, Inc.
2019329695	Haemonetics Corporation	2019336657	Wisconsin Alumni Research Foundation
2019329701	Haemonetics Corporation	2019336674	Shop Vac Corporation
2019329723	Caterpillar Inc.	2019336675	Incyte Corporation
2019329781	BASF Corporation	2019336679	The Board of Regents of the University of Texas System
2019329931	5Bar Pty Ltd	2019336698	The General Hospital Corporation; AZTherapies, Inc.
2019330494	Immune Biosolutions Inc; SOCPRA Sciences Sante et Humaines S.E.C.	2019336798	The Children's Hospital of Philadelphia
2019330752	Ocumetics Technology Corp.	2019336839	Max Co., Ltd.
2019330759	Platinum Group Chile SpA	2019336987	Johnson & Johnson Consumer Inc.
2019331103	Tel Hashomer Medical Research Infrastructure and Services Ltd.	2019337104	Heron Therapeutics, Inc.
2019331331	Samsung Electronics Co., Ltd.	2019337164	Panasonic Intellectual Property Corporation of America
2019331418	Haemonetics Corporation	2019337340	Rijksuniversiteit Groningen
2019331498	Beckman Coulter, Inc.	2019337394	Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts; Eberhard Karls Universität Tübingen
2019331665	Jaguahr Therapeutics Pte Ltd	2019337411	Norwegian University of Science and Technology (NTNU)
2019331917	Arterioocyte Medical Systems, Inc.	2019337470	Zenith Epigenetics Ltd.
2019331993	Adlai Nortye Biopharma Co., Ltd.	2019337476	I.V.A.R. S.p.A.
2019332047	Blin, J.	2019337636	Firststring Research, Inc.
2019332093	BASF SE	2019337703	Aerie Pharmaceuticals, Inc.
2019332818	Haemonetics Corporation	2019337791	Südzucker AG
2019332931	Invuity, Inc.	2019338180	Apple Inc.
2019333099	Microfluidic Biologics Corp.	2019338430	Hull, J.; Hull, K.
2019333104	Vor Biopharma Inc.	2019338557	ModernaTX, Inc.
2019333149	Seattle Children's Hospital (DBA Seattle Children's Research Institute)	2019338592	Norsk Hydro ASA
2019333292	Interface, Inc.	2019338677	Pulsaclass SAS
2019333315	Tenaya Therapeutics, Inc.	2019339186	Bayer Aktiengesellschaft
2019333328	Detnet South Africa (Pty) Ltd	2019339260	Lung Therapeutics, Inc.
2019333661	Bridgestone Corporation	2019339336	FMC Corporation
2019333887	Nicoya Lifesciences, Inc.	2019339352	Hough Ear Institute
2019334068	ATHEX Technology s.r.o.	2019339452	Washington University
2019334124	Revenio Research Oy	2019339464	Juno Therapeutics, Inc.
2019334152	Knorr-Bremse Systeme Für Nutzfahrzeuge GmbH	2019339510	Poviva Tea, LLC
2019334195	Altoida Ltd.	2019339515	The Regents of the University of California
2019334202	Innopharmascreeen, Inc.	2019339595	Gablok SA
2019334253	Beissbarth GmbH	2019339988	Beijing Geekplus Technology Co., Ltd.
2019334563	Fermentalg	2019340006	Linde GmbH
2019334595	Saisei Pharma Co., Ltd.	2019340045	Astes4 SA
2019334671	BASF Plant Science Company GmbH	2019340402	PTC Therapeutics, Inc.; The Trustees of Columbia University in the City of New York
2019334672	BASF Plant Science Company GmbH	2019340562	ENI S.p.A.
2019334766	ANDREEV, A.A.	2019340838	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
2019334865	Caterpillar Inc.	2019342006	Kostecki, A.
2019334866	Caterpillar Inc.	2019342137	Spinal Elements, Inc.
2019334965	Case Western Reserve University	2019342223	Swarfix AS
2019335013	Applied Medical Resources Corporation	2019342443	Crown Packaging Technology, Inc.
2019335014	Poseida Therapeutics, Inc.	2019342857	Inositec AG
2019335055	The Board of The Regents Of The University Of Texas System	2019342981	NRL Pharma, Inc.; Varinos, Inc.
2019335208	Caterpillar Inc.	2019343119	Velttek Associates, Inc.
2019335262	Haier Smart Home Co., Ltd.	2019343169	Butterfly Network, Inc.
2019335313	Vacuworx Global, Llc; Bakker Special Grabs Bv	2019343240	Jiangsu Jiuxu Haitian Pharmaceutical Co., Ltd; Li, H.
2019335366	Birdie Biopharmaceuticals, Inc.	2019343444	Rheinmetall Waffe Munition GmbH
2019335388	Evapco, Inc.	2019343947	Applied Medical Resources Corporation
2019335414	Munia Limited	2019344006	University of Connecticut
2019335416	Weir Minerals Australia Ltd	2019344461	Tableau Software, Inc.
2019335429	IR Scientific Inc.	2019344524	Abcuro, Inc.
2019335453	Huawei Technologies Co., Ltd.	2019344532	Toyota Motor North America, Inc.
2019335573	Bristol Bluegreen Limited	2019344548	Cisco Technology, Inc.
2019335850	Cellbox Solutions GmbH	2019344550	Kyocera Senco Industrial Tools, Inc.
2019336062	Huawei Technologies Co., Ltd.	2019344567	F. Hoffmann-La Roche AG
2019336199	Applied Medical Resources Corporation	2019344795	The United States of America, as represented by the Secretary, Department of Health and Human Services
2019336239	Illumina, Inc.; Illumina Cambridge Limited	2019344922	BioGen MA Inc.
2019336311	Jennewein Biotechnologie GmbH	2019345048	Colgate-Palmolive Company
2019336325	Karl Leibinger Medizintechnik GmbH & Co. KG	2019345166	Levo Therapeutics, Inc.
2019336327	Lohmann & Rauscher GmbH	2019345312	Ovid Therapeutics Inc.
2019336330	Agersens Pty Ltd	2019345987	Ascendis Pharma A/S
2019336336	AusMed Global Limited	2019346023	Vaccibody AS
2019336533	BASF Plant Science Company GmbH		
2019336539	Lucine		
2019336551	TDF		

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

2019346042	Ashlin, M.	2019458212	ClearStream Technologies Limited
2019346563	Evoqua Water Technologies LLC	2019461885	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019346601	ConocoPhillips Company	2020202325	Dongguan Amperex Technology Limited
2019346612	Yank Technologies, Inc.	2020202328	Dongguan Amperex Technology Limited
2019347666	President and Fellows of Harvard College	2020211804	Robotics Plus Limited
2019347708	Citrix Systems, Inc.	2020218414	Mizkan Holdings Co., Ltd.
2019347711	Siemens Healthcare Diagnostics Inc.	2020219029	BURMASTER, B.
2019347730	Janssen Biotech, Inc.	2020250770	SAF-Holland GmbH
2019347774	Nutcracker Therapeutics, Inc.	2020272555	OE Electrics Limited
2019348440	Ascendis Pharma A/S	2020279903	Fugro N.V.
2019348479	Geobruugg AG	2020286252	State Grid East Inner Mongolia Electric Power Co., Ltd. Maintenance Branch; Chongqing University
2019348975	Autolus Limited	2020309093	Apple Inc.
2019348982	Navico Holding AS	2020313546	Mataira, J.
2019349405	Siemens Healthcare Diagnostics Inc.	2020323959	Rheinmetall MAN Military Vehicles Österreich GesmbH
2019349780	NANOGAP SUB-NM-POWDER, S.A.; Universidade de Santiago de Compostela		
2019349817	The General Hospital Corporation		
2019349916	Sound Agriculture Company		
2019349968	HMI Ltd.		
2019349987	Cupffee Ltd		
2019350264	Bayer Aktiengesellschaft		
2019350611	Inventia Healthcare Limited		
2019350710	Geomni, Inc.		
2019350989	Butterfly Network, Inc.		
2019351035	Novagenesis Therapeutix (Suzhou) Limited		
2019354637	Capital One Services, LLC		
2019356899	Graphic Packaging International, LLC		
2019357719	Itron, Inc.		
2019358227	Jaeggi Hybridtechnologie Ag		
2019358442	Numab Therapeutics AG		
2019358444	Rheinmetall Waffe Munition GmbH		
2019358704	National University of Singapore		
2019358883	Systems Spray-Cooled, Inc.		
2019358971	Maxtrax Australia Pty Ltd		
2019359549	Novartis AG		
2019360114	Kyocera Senco Industrial Tools, Inc.		
2019361950	The Gillette Company LLC		
2019363179	Alcon Inc.		
2019363551	Plasser & Theurer Export von Bahnbaumaschinen GmbH		
2019363604	The Chemours Company FC, LLC		
2019363662	Merck Patent GmbH		
2019365620	DeLaval Holding AB		
2019366731	Hilti Aktiengesellschaft		
2019367187	leadXpro AG		
2019367831	DraftKings, Inc.		
2019368658	Hilti Aktiengesellschaft		
2019369134	Hilti Aktiengesellschaft		
2019369415	Pioneer Hi-Bred International, Inc.		
2019370573	CDE Global Limited		
2019370620	Phoenix Industries Pty Ltd		
2019370732	Société des Produits Nestlé S.A.		
2019374024	Systems Spray-Cooled, Inc.		
2019375980	Kwik Lok Corporation		
2019376154	Igloo Products Corp.		
2019377262	Foss Analytical A/S		
2019377275	Novartis AG		
2019380605	TerraPower, LLC		
2019382199	Sika Technology AG		
2019382333	Komatsu Ltd.		
2019383158	Komatsu Ltd.		
2019384229	Gree Electric Appliances, Inc., of Zhuhai		
2019384660	Spinal Stabilization Technologies, LLC		
2019385000	Komatsu Ltd.		
2019388607	CACI, INC. - Federal		
2019389856	Abbas Mohammad Khan, A.		
2019397575	Foss Analytical A/S		
2019406845	BlueCats Australia Pty Ltd.		
2019433218	WUYI University		
2019452126	Lakto Hayvancilik Teknolojileri Sanayi Ve Ticaret Limited Şirketi		
2019455811	SenseTime International Pte. Ltd.		

IPC Index

<b><u>A01C 14 /-</u></b>	2019339186 2019339336 2019349916	<b><u>A24B 15 /-</u></b>	<b><u>A61B 5 /-</u></b>	2019338557 2019339186 2019339352 2019340402 2019342857 2019344567 2019344922 2019345312 2019347666 2019347774 2019349817 2019350264 2019351035 2019359549 2019367187 2019370732 2019377275 2020219029	2019319004 2019321556 2019336798 2019344567 2019359549 2019370732
2019319769		2019339510	2019325258 2019331103 2019334195 2019336336 2019336987 2019433218		
<b><u>A01C 7 /-</u></b>	<b><u>A01N 45 /-</u></b>	<b><u>A41D 13 /-</u></b>			
2019319769	2019315734	2018441273 2019327380			
<b><u>A01D 34 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A41D 31 /-</u></b>	<b><u>A61B 90 /-</u></b>		<b><u>A61K 47 /-</u></b>
2018437976	2019315734	2018441273	2019343947		2019319004 2019334965 2019335055 2019336679 2019345987 2019348440
<b><u>A01D 46 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A45D 40 /-</u></b>	<b><u>A61F 13 /-</u></b>		
2019328256	2019349987	2019329691	2019327380 2019336327		<b><u>A61K 48 /-</u></b>
<b><u>A01G 9 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A45F 3 /-</u></b>	<b><u>A61F 2 /-</u></b>		2019335055 2019344006 2019347774 2019349817
2019318814	2019397575	2019316571 2019376154	2019330752 2019342137 2019384660		2019335429 2019349780
<b><u>A01H 5 /-</u></b>	<b><u>A22C 18 /-</u></b>	<b><u>A47F 3 /-</u></b>		<b><u>A61K 33 /-</u></b>	
2019334671 2019334672 2019336533	2019397575	2019326714		2019335429 2019349780	<b><u>A61K 49 /-</u></b>
<b><u>A01J 5 /-</u></b>	<b><u>A22C 5 /-</u></b>	<b><u>A47F 5 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61K 35 /-</u></b>	2019318538 2019319212 2019330494 2019349817
2019365620 2019452126	2019397575	2019326714	2019320962 2019327380	2019319832 2019321556 2019334595 2019339515 2019344795	<b><u>A61K 6 /-</u></b>
<b><u>A01K 1 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61F 9 /-</u></b>		2019335429
2019310098	2019318095	2019376154	2019363179	<b><u>A61K 36 /-</u></b>	
<b><u>A01K 15 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61G 5 /-</u></b>	2019334563 2019343240 2019350611	<b><u>A61K 8 /-</u></b>
2019336330 2019346042	2019318095	2019325244	2019344532		2018441463 2018442982 2019335429 2019339515
<b><u>A01K 27 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A47K 3 /-</u></b>	<b><u>A61H 35 /-</u></b>	<b><u>A61K 38 /-</u></b>	
2019346042	2019334563	2019313161 2020313546	2020313546	2019319212 2019333315 2019334965 2019337636 2019339260 2019342981 2019344524 2019345166 2019347666 2019347730	<b><u>A61K 9 /-</u></b>
<b><u>A01K 39 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61K 31 /-</u></b>	2019312800 2019318415 2019319004 2019319296 2019319745 2019319835 2019319971 2019321432 2019321526 2019322187 2019322564 2019323714 2019325486 2019326633 2019326865 2019326896 2019328154 2019331665 2019331993 2019334202 2019335366 2019336675 2019336679 2019336698 2019336798 2019337104 2019337470 2019337703	2019312800 2019319004 2019326896 2019334202 2019337636 2019338557 2019339515 2019345166 2019347774 2019349817
2019346042	2019334563	2020313546	2019312800 2019318415 2019319004 2019319296 2019319745 2019319835 2019319971 2019321432 2019321526 2019322187 2019322564 2019323714 2019325486 2019326633 2019326865 2019326896 2019328154 2019331665 2019331993 2019334202 2019335366 2019336675 2019336679 2019336698 2019336798 2019337104 2019337470 2019337703	2019319212 2019333315 2019334965 2019337636 2019339260 2019342981 2019344524 2019345166 2019347666 2019347730	<b><u>A61K 9 /-</u></b>
<b><u>A01K 5 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61K 39 /-</u></b>	2019312800 2019319004 2019326896 2019334202 2019337636 2019338557 2019339515 2019345166 2019347774 2019349817
2019323945	2020218414	2019336674	2019321432 2019321526 2019322187 2019322564 2019323714 2019325486 2019326633 2019326865 2019326896 2019328154 2019331665 2019331993 2019334202 2019335366 2019336675 2019336679 2019336698 2019336798 2019337104 2019337470 2019337703	2019319212 2019333315 2019334965 2019337636 2019339260 2019342981 2019344524 2019345166 2019347666 2019347730	<b><u>A61K 6 /-</u></b>
<b><u>A01K 7 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61B 17 /-</u></b>		2019335429
2019310098	2019337791	2019316540	2019321432 2019321526 2019322187 2019322564 2019323714 2019325486 2019326633 2019326865 2019326896 2019328154 2019331665 2019331993 2019334202 2019335366 2019336675 2019336679 2019336698 2019336798 2019337104 2019337470 2019337703	2019319212 2019333315 2019334965 2019337636 2019339260 2019342981 2019344524 2019345166 2019347666 2019347730	<b><u>A61K 8 /-</u></b>
<b><u>A01M 23 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61K 39 /-</u></b>	2018441463 2018442982 2019335429 2019339515
2019324420	2019337791	2019316540	2019321432 2019321526 2019322187 2019322564 2019323714 2019325486 2019326633 2019326865 2019326896 2019328154 2019331665 2019331993 2019334202 2019335366 2019336675 2019336679 2019336698 2019336798 2019337104 2019337470 2019337703	2019319212 2019333315 2019334965 2019337636 2019339260 2019342981 2019344524 2019345166 2019347666 2019347730	<b><u>A61K 9 /-</u></b>
<b><u>A01M 25 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61B 34 /-</u></b>	2019315213 2019315577 2019315969 2019319832 2019323944 2019330494 2019334965 2019335366 2019339452 2019344795 2019346023 2019347730 2019348975 2019358442	2019312800 2019319004 2019326896 2019334202 2019337636 2019338557 2019339515 2019345166 2019347774 2019349817
2019323945	2019318095 2019326896 2019334563 2019334595 2019334671 2019334672 2019336533 2019350611 2019370732	2019321457 2019343947 2019384660 2019458212	2019321457 2019343947 2019384660 2019458212	2019315213 2019315577 2019315969 2019319832 2019323944 2019330494 2019334965 2019335366 2019339452 2019344795 2019346023 2019347730 2019348975 2019358442	<b><u>A61L 24 /-</u></b>
<b><u>A01N 25 /-</u></b>	<b><u>A23P 10 /-</u></b>	2019337411	2019337411		2019320962
2019315734	2019318095	2019337411	2019337411	<b><u>A61K 45 /-</u></b>	<b><u>A61L 27 /-</u></b>
<b><u>A01N 43 /-</u></b>				2019314458	2019331917
2019315734					<b><u>A61M 1 /-</u></b>

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

<b><u>A61M 13 /-</u></b>	<b><u>A61P 27 /-</u></b>	2019350264	<b><u>B01D 53 /-</u></b>	<b><u>B02C 23 /-</u></b>	<b><u>B25C 1 /-</u></b>
2019321819	2019319004	<b><u>A61P 7 /-</u></b>	2019327488	2019328513	2019360114
<b><u>A61M 25 /-</u></b>	2019325486	2019315213	<b><u>B01D 61 /-</u></b>	<b><u>B03C 1 /-</u></b>	<b><u>B25C 5 /-</u></b>
2019321457	2019339352	<b><u>A61P 9 /-</u></b>	2019322251	2019337476	2019344550
<b><u>A61M 27 /-</u></b>	<b><u>A61P 29 /-</u></b>	2019334595	2019326038	<b><u>B03D 1 /-</u></b>	<b><u>B25D 17 /-</u></b>
2019320962	2019322187	<b><u>A61Q 11 /-</u></b>	2019358704	2019332093	2019360114
<b><u>A61M 29 /-</u></b>	2019322564	2019335429	<b><u>B01D 63 /-</u></b>	<b><u>B05D 3 /-</u></b>	<b><u>B25D 9 /-</u></b>
2019321457	2019326865	<b><u>A61Q 19 /-</u></b>	2019326038	2019315668	2019360114
<b><u>A61M 39 /-</u></b>	2019328154	<b><u>A61P 3 /-</u></b>	<b><u>B01D 65 /-</u></b>	<b><u>B05D 5 /-</u></b>	<b><u>B25F 5 /-</u></b>
2019321457	2019328523	2018442982	2019326038	2019315668	2019360114
<b><u>A61M 5 /-</u></b>	2019334595	<b><u>A61Q 5 /-</u></b>	<b><u>B01D 67 /-</u></b>	<b><u>B07C 3 /-</u></b>	<b><u>B25J 13 /-</u></b>
2019363179	2019343240	2018441463	2019336325	2019336614	2019339988
<b><u>A61M 60 /-</u></b>	2019344922	<b><u>A62C 13 /-</u></b>	2019358704	<b><u>B01D 69 /-</u></b>	<b><u>B25J 9 /-</u></b>
2019320533	<b><u>A61P 31 /-</u></b>	2019319709	2019358704	<b><u>B08B 1 /-</u></b>	2018435992
2019321457	2019315577	<b><u>A62C 2 /-</u></b>	<b><u>B01D 71 /-</u></b>	2019349968	2019339988
<b><u>A61P 1 /-</u></b>	2019323944	2019366731	2019336325	2020313546	<b><u>B26B 19 /-</u></b>
2019318538	2019326633	2019368658	2019358704	<b><u>B08B 3 /-</u></b>	2019361950
2019322187	2019331993	2019369134	<b><u>B01J 19 /-</u></b>	2019349968	<b><u>B26B 21 /-</u></b>
2019322564	2019334595	<b><u>A62C 37 /-</u></b>	2019330759	<b><u>B21C 37 /-</u></b>	2019361950
2019334595	2019345987	2019319709	<b><u>B01J 2 /-</u></b>	2019343444	<b><u>B27F 7 /-</u></b>
2019335429	2019363662	<b><u>A62D 3 /-</u></b>	2019318095	<b><u>B21D 43 /-</u></b>	2019344550
2019338557	<b><u>A61P 35 /-</u></b>	2019343119	<b><u>B01J 21 /-</u></b>	2019340045	<b><u>B27N 1 /-</u></b>
<b><u>A61P 11 /-</u></b>	2019314458	<b><u>A63B 21 /-</u></b>	2019323492	<b><u>B21F 15 /-</u></b>	2019314773
2019312800	2019318415	2019314560	<b><u>B01J 23 /-</u></b>	2019336839	<b><u>B27N 5 /-</u></b>
2019334202	2019319835	<b><u>A63B 22 /-</u></b>	2019323492	2019338592	2019314773
2019339260	2019319971	2019314560	<b><u>B01J 31 /-</u></b>	2019349780	<b><u>B29B 17 /-</u></b>
<b><u>A61P 15 /-</u></b>	2019321526	<b><u>A63B 65 /-</u></b>	2018449575	<b><u>B22F 1 /-</u></b>	2018434968
2019342981	2019323714	2019346042	<b><u>B01J 4 /-</u></b>	2019349780	<b><u>B29C 70 /-</u></b>
<b><u>A61P 17 /-</u></b>	2019326633	<b><u>A63C 19 /-</u></b>	2018438149	<b><u>B23K 101 /-</u></b>	2019314773
2019334595	2019328154	2019318814	<b><u>B01J 47 /-</u></b>	2019342443	<b><u>B32B 5 /-</u></b>
2019339515	2019328523	<b><u>B01D 11 /-</u></b>	2019346563	<b><u>B23K 31 /-</u></b>	2019318699
<b><u>A61P 19 /-</u></b>	2019328632	2019380605	<b><u>B01J 8 /-</u></b>	2019342443	2019326523
2019322187	2019330494	<b><u>B01D 21 /-</u></b>	2018438149	<b><u>B23K 37 /-</u></b>	<b><u>B41M 3 /-</u></b>
2019322564	2019331993	2019370573	<b><u>B01L 3 /-</u></b>	2019342006	2019315668
2019347666	2019337394	<b><u>B01D 29 /-</u></b>	2019331498	2019342443	2019333292
<b><u>A61P 23 /-</u></b>	2019337470	2019337476	2019333099	<b><u>B23K 9 /-</u></b>	<b><u>B42D 25 /-</u></b>
2019337104	2019340402	<b><u>B01D 35 /-</u></b>	<b><u>B02C 17 /-</u></b>	2019342006	2019315668
<b><u>A61P 25 /-</u></b>	2019340524	2019337476	2019322927	<b><u>B25B 25 /-</u></b>	<b><u>B60C 23 /-</u></b>
2019319296	2019344795	<b><u>B01D 39 /-</u></b>	<b><u>B02C 2 /-</u></b>	2019336839	2019333661
2019319745	2019344922	2019336325			
2019326633	2019345312				
2019334202	2019347666				
2019334595	2019359549				
2019344922					
2019345312					
2019347666					
2019359549					

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

<b><u>B60D 1 /-</u></b>	<b><u>B65B 29 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C04B 41 /-</u></b>	2019319971 2019328154 2019337703 2019367187	<b><u>C07D 519 /-</u></b>
2019358971 2020250770	2019343119	2019333887	2019382199		2019339186 2019363662
<b><u>B60K 1 /-</u></b>	<b><u>B65B 5 /-</u></b>	<b><u>B82Y 5 /-</u></b>	<b><u>C05D 9 /-</u></b>		<b><u>C07F 9 /-</u></b>
2019329430	2019375980	2019337636	2019315734		2019318415 2019342857
<b><u>B60K 17 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>C01G 1 /-</u></b>	<b><u>C05F 11 /-</u></b>	2019318415 2019319004 2019319835 2019331665 2019331993	<b><u>C07H 1 /-</u></b>
2019329430	2019375980	2019330759	2019315734		2019337791
<b><u>B60K 35 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>C01G 3 /-</u></b>	<b><u>C05G 3 /-</u></b>		<b><u>C07D 403 /-</u></b>
2019348982	2019376154	2019330759	2019315734		2019318415 2019331993 2019367187
<b><u>B60K 37 /-</u></b>	<b><u>B65D 23 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 17 /-</u></b>		<b><u>C07H 15 /-</u></b>
2019348982	2019376154	2019318817 2019326038 2019335416 2019337476	2019363604		2019337791
<b><u>B61F 5 /-</u></b>	<b><u>B65D 27 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C07C 21 /-</u></b>		<b><u>C07K 14 /-</u></b>
2019334766	2019343119		2019363604		2019315577 2019318538 2019319296 2019333104 2019333315 2019337340 2019348975 2019369415
<b><u>B62D 21 /-</u></b>	<b><u>B65D 30 /-</u></b>	2019337476	<b><u>C07C 233 /-</u></b>		
2020323959	2019343119		2019328523		
<b><u>B62D 53 /-</u></b>	<b><u>B65D 37 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07C 67 /-</u></b>		<b><u>C07D 407 /-</u></b>
2020250770	2019343119	2019335416 2019370573	2019323492		2019319835 2019331665 2019331993 2019339336 2019367187
<b><u>B62D 55 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>C02F 9 /-</u></b>	<b><u>C07C 69 /-</u></b>		<b><u>C07D 409 /-</u></b>
2019334865 2019334866	2019316571 2019376154	2019335416	2019323492		2019318415 2019319835 2019331665 2019331993 2019339336 2019367187
<b><u>B62M 23 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>C03C 3 /-</u></b>	<b><u>C07D 209 /-</u></b>		<b><u>C07D 413 /-</u></b>
2019329931	2019356899	2019335429	2019316562		2019318415 2019319835 2019331665 2019331993 2019339336 2019367187
<b><u>B63B 15 /-</u></b>	<b><u>B65D 6 /-</u></b>	<b><u>C04B 111 /-</u></b>	<b><u>C07D 211 /-</u></b>		<b><u>C07K 16 /-</u></b>
2019319120	2019319476	2019382199	2019316562		2019315969 2019323944 2019327490 2019328632 2019330494 2019333104 2019333149 2019337394 2019339452 2019347730 2019348975 2019358442
<b><u>B63B 49 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C04B 16 /-</u></b>	<b><u>C07D 213 /-</u></b>		<b><u>C07D 417 /-</u></b>
2019348982	2019349987	2019326523	2018449575		2019319835 2019323714 2019326633 2019326865 2019336675 2019337470 2019339186 2019363662
<b><u>B63B 79 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>C07D 217 /-</u></b>		<b><u>C07D 471 /-</u></b>
2019348982	2019343119	2019389856	2019337703		2019319835 2019323714 2019326633 2019339452 2019344795
<b><u>B63C 11 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C07D 233 /-</u></b>		<b><u>C07K 7 /-</u></b>
2018441273 2019324158	2019336614 2019339988	2019382199	2019328523		2019318538 2019330494 2019337636 2019339260
<b><u>B63C 9 /-</u></b>	<b><u>B65G 67 /-</u></b>	2019382199	2019319745		<b><u>C07D 487 /-</u></b>
2018441273	2019318437	<b><u>C04B 28 /-</u></b>	<b><u>C07D 239 /-</u></b>		2019319004 2019323714 2019326633 2019331993 2019336675
<b><u>B63H 9 /-</u></b>	<b><u>B66C 1 /-</u></b>	2019326523	2018449575 2019351035		<b><u>C08F 222 /-</u></b>
2019319120	2019318437 2019335313	<b><u>C04B 33 /-</u></b>	<b><u>C07D 263 /-</u></b>		2019358704
<b><u>B65B 13 /-</u></b>	<b><u>B81B 3 /-</u></b>	2019389856	2019319740		<b><u>C08F 283 /-</u></b>
2019336839	2019350989	<b><u>C04B 35 /-</u></b>	<b><u>C07D 311 /-</u></b>		2019382199
<b><u>B65B 27 /-</u></b>	<b><u>B81C 1 /-</u></b>	2019389856	2019336698		<b><u>C08G 18 /-</u></b>
2019336839	2019350989	<b><u>C04B 40 /-</u></b>	<b><u>C07D 401 /-</u></b>		2019382199
		2019326523	2019318415		<b><u>C08G 59 /-</u></b>
					2018440151



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

<b><u>C08G 65 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>D04H 3 /-</u></b>	2019317219	<b><u>F24F 5 /-</u></b>
2019382199	2019345048	2019324739	2019318699	<b><u>E05D 11 /-</u></b>	2019358227
<b><u>C08J 3 /-</u></b>	<b><u>C12C 12 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2019348479	2019329931	<b><u>F24S 40 /-</u></b>
2019324739	2018441183	2019326462	<b><u>D06M 17 /-</u></b>	<b><u>E05D 7 /-</u></b>	2019349968
<b><u>C08J 5 /-</u></b>	<b><u>C12H 3 /-</u></b>	2019333099	2019318699	2019329931	<b><u>F25B 9 /-</u></b>
2019318699	2018441183	2019336239	<b><u>E01B 27 /-</u></b>	<b><u>E05F 5 /-</u></b>	2019335388
2019346563		2019336657	2019363551	2019329931	<b><u>F25D 23 /-</u></b>
<b><u>C08J 9 /-</u></b>	<b><u>C12M 1 /-</u></b>	2019342981	<b><u>E02B 3 /-</u></b>	<b><u>E06B 5 /-</u></b>	2019326714
2019336325	2019314561	2019347711	2019348479	2019366731	<b><u>F25D 25 /-</u></b>
<b><u>C08K 5 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C21D 1 /-</u></b>	<b><u>E02D 17 /-</u></b>	2019368658	2019335262
2019324739	2019314498	2019343444	2019348479	2019369134	<b><u>F25D 31 /-</u></b>
<b><u>C08L 1 /-</u></b>	2019324739	<b><u>C21D 9 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E21B 27 /-</u></b>	<b><u>F25D 31 /-</u></b>
2019324739	2019334563	2019343444	2019382333	2019342223	2019338677
<b><u>C08L 3 /-</u></b>	2019336311	<b><u>C22B 1 /-</u></b>	2019383158	<b><u>E21B 37 /-</u></b>	<b><u>F27B 3 /-</u></b>
2019324739	<b><u>C12N 15 /-</u></b>	2019330759	2019385000	2019342223	2019374024
<b><u>C08L 67 /-</u></b>	2019314529	<b><u>C22B 11 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>F03H 1 /-</u></b>	<b><u>F27D 19 /-</u></b>
2019318699	2019324739	2019330759	2019329723	2019313413	2019358883
2019324739	2019328270	<b><u>C22B 15 /-</u></b>	2019336609	<b><u>F15B 1 /-</u></b>	<b><u>F27D 9 /-</u></b>
<b><u>C09D 175 /-</u></b>	2019330494	2019330759	2019383158	2019336609	2019358883
2019382199	2019333149	<b><u>C22B 23 /-</u></b>	2019385000	<b><u>F15B 21 /-</u></b>	2019374024
<b><u>C09J 171 /-</u></b>	2019334671	<b><u>C22B 26 /-</u></b>	<b><u>E03C 1 /-</u></b>	2019334152	<b><u>F28C 1 /-</u></b>
2019382199	2019334672	2019330759	2019370620	<b><u>F16B 1 /-</u></b>	2019358227
<b><u>C09J 175 /-</u></b>	2019336311	<b><u>C22B 3 /-</u></b>	<b><u>E04B 1 /-</u></b>	2019322927	<b><u>F28D 1 /-</u></b>
2019382199	2019336533	2019322251	2019317219	<b><u>F16H 21 /-</u></b>	2019358227
<b><u>C09K 8 /-</u></b>	2019338557	<b><u>C22B 4 /-</u></b>	2019366731	<b><u>F16K 11 /-</u></b>	<b><u>F28D 5 /-</u></b>
2019389856	2019339452	2019330759	2019368658	2019329931	2019358227
<b><u>C10L 1 /-</u></b>	2019342981	<b><u>C22C 38 /-</u></b>	2019369134	<b><u>F16K 11 /-</u></b>	<b><u>F28D 9 /-</u></b>
2019340562	2019369415	2019343444	<b><u>E04B 2 /-</u></b>	2019370620	2019340006
<b><u>C10L 5 /-</u></b>	2019377275	<b><u>C23C 26 /-</u></b>	<b><u>E04C 1 /-</u></b>	<b><u>F16L 5 /-</u></b>	<b><u>F28F 19 /-</u></b>
2019380605	<b><u>C12N 9 /-</u></b>	2019325244	2019339595	2019366731	2019337476
<b><u>C10L 9 /-</u></b>	2019314433	<b><u>C25B 13 /-</u></b>	<b><u>E04C 2 /-</u></b>	2019368658	<b><u>F28F 25 /-</u></b>
2019380605	2019319816	2019346563	2019316713	2019369134	2019358227
<b><u>C11B 1 /-</u></b>	2019321556	<b><u>C25B 9 /-</u></b>	2019317219	<b><u>F22B 31 /-</u></b>	<b><u>F28F 3 /-</u></b>
2019334671	2019334595	2019330759	<b><u>E04C 1 /-</u></b>	2018438149	2019340006
2019334672	2019334671	<b><u>C40B 30 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>F23C 10 /-</u></b>	<b><u>F42B 12 /-</u></b>
2019336533	2019334672	2019346023	2019316713	2018438149	2019358444
2019340562	2019336311	<b><u>D03D 1 /-</u></b>	2019336839	<b><u>F24D 19 /-</u></b>	<b><u>F42B 3 /-</u></b>
<b><u>C11C 1 /-</u></b>	2019336533	2019318699	<b><u>E04H 4 /-</u></b>	2019337476	2019318097
2019334671	<b><u>C12P 1 /-</u></b>		2019313161	<b><u>F24F 3 /-</u></b>	<b><u>F42B 8 /-</u></b>
2019334672	2019314561		<b><u>E04H 6 /-</u></b>	2019358227	2019358444
2019336533	2019324739		2019316713		

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

<b><u>F42C 19 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H01H 13 /-</u></b>	<b><u>H02S 40 /-</u></b>
2019358444	2019343169	2019335414 2019344461	2019350710	2019332047	2019349968
<b><u>F42D 1 /-</u></b>	<b><u>G01N 31 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06T 9 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H03F 3 /-</u></b>
2019318097 2019333328 2019358444	2019336336	2019336330	2019337164	2018441905	2019346612
<b><u>G01B 11 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G07F 17 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H04B 10 /-</u></b>
2019334253 2020211804	2019314458 2019315577 2019319212 2019330494 2019333099 2019336336 2019336657 2019337340 2019339464 2019342981 2019347711 2019349405 2020211804 2020279903	2019335414	2019312739	2019318116 2019318817 2020202325 2020202328	2018437534
<b><u>G01B 21 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G08B 17 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04B 3 /-</u></b>
2019334253	2019349405	2019325414 201933292 2019334195 2019338180 2019344461 2019367831	2019338430	2019318116 2019318817	2019354637
<b><u>G01B 5 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 30 /-</u></b>	<b><u>G09B 23 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04L 29 /-</u></b>
2019319769 2019334253	2019384229	2019340006	2019329701	2019331331	2019334195 2019344548 2019347708
<b><u>G01B 7 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G09G 5 /-</u></b>	<b><u>H01Q 9 /-</u></b>	<b><u>H04L 5 /-</u></b>
2019334253	2019336551 2019406845	2019344461	2020309093	2019331331	2018448037 2019317676
<b><u>G01C 11 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G10L 21 /-</u></b>	<b><u>H01R 4 /-</u></b>	<b><u>H04N 19 /-</u></b>
2020211804	2019336551	2019344461 2019347708	2019346601	2020286252	2019335453 2019336062
<b><u>G01C 21 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G16B 20 /-</u></b>	<b><u>H02H 1 /-</u></b>	<b><u>H04N 21 /-</u></b>
2019348982	2019336551	2019377262 2019433218 2019455811	2018440274 2019336239 2019346023	2019338430	2019367831
<b><u>G01D 1 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G16B 30 /-</u></b>	<b><u>H02H 5 /-</u></b>	<b><u>H04W 12 /-</u></b>
2018440861	2019336551	2019329701 2019329781 2019332818 2019335414 2019336614 2019357719	2018440274	2019338430	2019354637
<b><u>G01D 4 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G16B 50 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04W 16 /-</u></b>
2019357719	2019346601	2019354637	2019315604	2019335573	2018436336
<b><u>G01F 1 /-</u></b>	<b><u>G01V 9 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16H 10 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04W 24 /-</u></b>
2018435824	2020279903	2019329701 2019329781 2019332818 2019335414 2019336614 2019357719	2019320962 2019332818	2018441905 2019346612 2020272555	2018442262 2019321888
<b><u>G01F 3 /-</u></b>	<b><u>G02B 21 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H02K 1 /-</u></b>	<b><u>H04W 28 /-</u></b>
2019452126	2018445019	2019312739	2019336539	2019329424	2018441778
<b><u>G01G 3 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H02K 15 /-</u></b>	<b><u>H04W 4 /-</u></b>
2019315338	2018445019	2019312739	2019336539	2019329430	2019354637 2019461885
<b><u>G01M 3 /-</u></b>	<b><u>G02B 3 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>H02K 3 /-</u></b>	<b><u>H04W 48 /-</u></b>
2019320962	2019330752	2019312739 2019329701 2019331418 2019332818 2019357719	2019329701 2019334124	2019329424	2019324654
<b><u>G01N 1 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H02K 9 /-</u></b>	<b><u>H04W 52 /-</u></b>
2019327488 2019333887	2019335208	2019350710	2019334195 2019336539	2019329424	2018436721
<b><u>G01N 21 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06T 17 /-</u></b>	<b><u>H01F 1 /-</u></b>	<b><u>H02P 25 /-</u></b>	<b><u>H04W 72 /-</u></b>
2019333887 2019349405 2020211804	2019336614	2019350710	2019315668	2019329723	2018440564 2018441184 2018443159 2019322983
<b><u>G01N 27 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06T 17 /-</u></b>	<b><u>H01F 7 /-</u></b>	<b><u>H02P 9 /-</u></b>	
2019315604	2019334195	2019350710 2019406845	2019315668	2019335208	

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

**H04W 74 /-**

2019316156

**H04W 76 /-**

2018440564

2019316156

2019461885

**H05K 5 /-**

2019334068

2019388607

**H05K 7 /-**

2019388607

Applications Accepted

Name Index

- 
- (71) 1266638 B.C. Unlimited Liability Company  
 (11) AU-B-2018279064  
 (21) 2018279064 (22) 05.06.2018  
 (54) Method and system for locally controlling power delivery along a distribution feeder of an electricity grid  
 (51) Int. Cl.  
*H02J 3/16* ( 2006.01 )  
*H02S 50/00* ( 2014.01 )  
 (87) WO2018/223228  
 (31) 62/517,044 (32) 08.06.17 (33) US  
 (43) 13.12.2018  
 (44) 25.03.2021  
 (72) Metcalfe, Malcolm S.; Nowak, Severin  
 (74) FB Rice Pty Ltd
- 
- (71) 2330-2029 Québec Inc.  
 (11) AU-B-2018379418  
 (21) 2018379418 (22) 04.12.2018  
 (54) Knee orthosis with helicoidal axis and method of design and fabrication thereof  
 (51) Int. Cl.  
*A61F 5/01* ( 2006.01 )  
 (87) WO2019/109178  
 (31) 62/595,654 (32) 07.12.17 (33) US  
 (43) 13.06.2019  
 (44) 25.03.2021  
 (72) BLEAU, Jacinte; HINSE, Sébastien; LABELLE, Maxime  
 (74) FB Rice Pty Ltd
- 
- (71) 3M Innovative Properties Company  
 (11) AU-B-2018362626  
 (21) 2018362626 (22) 07.11.2018  
 (54) Replaceable sound attenuating device detection  
 (51) Int. Cl.  
*A61F 11/08* ( 2006.01 )  
*A61F 11/14* ( 2006.01 )  
*G10K 11/16* ( 2006.01 )  
*H04R 25/00* ( 2006.01 )  
 (87) WO2019/092607  
 (31) 62/582,803 (32) 07.11.17 (33) US  
 (43) 16.05.2019  
 (44) 25.03.2021  
 (72) HENRY, Paul D.; FACKLER, Cameron J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) 4D Pharma Research Limited  
 (11) AU-B-2019294284  
 (21) 2019294284 (22) 25.06.2019  
 (54) Compositions comprising bacterial strains  
 (51) Int. Cl.  
*A61K 35/74* ( 2015.01 )  
*A61K 9/19* ( 2006.01 )  
*A61K 35/741* ( 2015.01 )  
*A61P 1/00* ( 2006.01 )
- 
- (71) Academia Sinica  
 (11) AU-B-2016249991  
 (21) 2016249991 (22) 12.04.2016  
 (54) Anti-VEGFR2 human antibody for anti-angiogenic and targeted cancer therapy  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
 (87) WO2016/168159  
 (31) 62/147,344 (32) 14.04.15 (33) US  
 (43) 20.10.2016  
 (44) 25.03.2021  
 (72) Wu, Han-Chung; Lu, Ruei-Min; Chiu, Chiung-Yi; Liu, I-Ju; Chang, Yu-Ling  
 (74) AJ PARK
- 
- (71) Adaptix Ltd  
 (11) AU-B-2016389383  
 (21) 2016389383 (22) 25.01.2016  
 (54) Medical imaging system having an array of distributed x-ray generators  
 (51) Int. Cl.  
*A61B 6/02* ( 2006.01 )  
*A61B 6/00* ( 2006.01 )  
*A61B 6/06* ( 2006.01 )  
*H01J 35/00* ( 2006.01 )  
 (87) WO2017/130013  
 (43) 03.08.2017  
 (44) 25.03.2021  
 (72) Travish, Gil; Betteridge, Paul; Evans, Mark; Holden, Martin; Mughal, Abdul Sami; Schmiedehausen, Kristin  
 (74) Halfords IP
- 
- (71) Adobe Inc.  
 (11) AU-B-2016247184  
 (21) 2016247184 (22) 21.10.2016  
 (54) ATTRIBUTE WEIGHTING FOR MEDIA CONTENT-BASED RECOMMENDATION  
 (51) Int. Cl.  
*G06F 17/00* ( 2019.01 )  
 (31) 14/962,297 (32) 08.12.15 (33) US  
 (43) 22.06.2017  
 (44) 25.03.2021  
 (72) Swaminathan, Viswanathan; Mitra, Saayan; Xu, Teng  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Adobe Inc.  
 (11) AU-B-2016256764  
 (21) 2016256764 (22) 10.11.2016  
 (54) SEMANTIC NATURAL LANGUAGE VECTOR SPACE FOR IMAGE CAPTIONING  
 (51) Int. Cl.  
*G06F 17/00* ( 2019.01 )  
*G06K 9/52* ( 2006.01 )  
*G06T 7/00* ( 2006.01 )  
*G06T 11/60* ( 2006.01 )  
 (31) 14/995,042 (32) 13.01.16 (33) US  
 (43) 03.08.2017  
 (44) 25.03.2021  
 (72) Wang, Zhaowen; You, Quanzeng; Jin, Hailin; Fang, Chen  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Advanced New Technologies Co., Ltd.  
 (11) AU-B-2019204710  
 (21) 2019204710 (22) 29.03.2019  
 (54) Managing cryptographic keys based on identity information  
 (51) Int. Cl.  
*G09C 1/00* ( 2006.01 )  
*H04L 9/08* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
 (87) WO2019/120322  
 (43) 27.06.2019  
 (44) 25.03.2021  
 (72) Feng, Zhiyuan; Li, Yanpeng; Cheng, Long  
 (74) Spruson & Ferguson
- 
- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-B-2018292248  
 (21) 2018292248 (22) 22.06.2018  
 (54) Methods and compositions for polyurethane dispersions using caprolactam-derived solvents  
 (51) Int. Cl.  
*C08G 18/48* ( 2006.01 )  
*C08G 18/08* ( 2006.01 )  
*C08G 18/10* ( 2006.01 )  
*C08G 18/76* ( 2006.01 )  
*C08G 18/79* ( 2006.01 )  
*C08G 18/80* ( 2006.01 )  
 (87) WO2019/005596  
 (31) 62/524,786 (32) 26.06.17 (33) US  
 62/579,636 31.10.17 US  
 (43) 03.01.2019  
 (44) 25.03.2021  
 (72) Asirvatham, Edward; De Lame, Céline; Flores-Vasquez, Jaime  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Aerovironment, Inc.  
 (11) AU-B-2019201561  
 (21) 2019201561 (22) 06.03.2019  
 (54) UAV having hermetically sealed modularized compartments and fluid drain ports  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**B64C 35/00** ( 2006.01 )  
**(43)** 28.03.2019  
**(44)** 25.03.2021  
**(62)** 2016244177  
**(72)** BELIK, Pavel; SZAREK, Thomas; TORRES, Gabriel E.; FRAYE, Vernon P.  
**(74)** Spruson & Ferguson

---

**(71)** Agan Aroma & Fine Chemicals Ltd.  
**(11)** AU-B-2015365323  
**(21)** 2015365323 **(22)** 17.12.2015  
**(54)** System and method for releasing flavor  
**(51)** Int. Cl.  
**B05B 12/00** ( 2006.01 )  
**(87)** WO2016/098114  
**(31)** 62/092,875 **(32)** 17.12.14 **(33)** US  
**(43)** 23.06.2016  
**(44)** 25.03.2021  
**(72)** Avidor, Yoav  
**(74)** AJ PARK

**(71)** Agios Pharmaceuticals, Inc.  
**(11)** AU-B-2019201179  
**(21)** 2019201179 **(22)** 20.02.2019  
**(54)** THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE  
**(51)** Int. Cl.  
**C07D 251/18** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**(43)** 07.03.2019  
**(44)** 25.03.2021  
**(62)** 2014289744  
**(72)** Konteatis, Zenon D.; Popovici-Muller, Janeta; Travins, Jeremy M.; Zahler, Robert; Cai, Zhenwei; Zhou, Ding  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

**(71)** AgJunction LLC.  
**(11)** AU-B-2016256796  
**(21)** 2016256796 **(22)** 11.11.2016  
**(54)** Single-mode implement steering  
**(51)** Int. Cl.  
**B62D 5/04** ( 2006.01 )  
**A01B 69/00** ( 2006.01 )  
**B62D 1/00** ( 2006.01 )  
**B62D 1/28** ( 2006.01 )  
**G01S 19/01** ( 2010.01 )  
**G05D 1/02** ( 2006.01 )  
**(31)** 62/257,396 **(32)** 19.11.15 **(33)** US  
 15/345,792 08.11.16 US  
**(43)** 08.06.2017  
**(44)** 25.03.2021  
**(72)** Medagoda, Eran D.B.; Sullivan, Timothy J.; Joiner, Brendan M.; Ramm, Andreas F.; Dang, Tri M.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** AiVita Biomedical, Inc.  
**(11)** AU-B-2018222737  
**(21)** 2018222737 **(22)** 16.02.2018  
**(54)** Methods to enhance tumor immunogenicity and compositions for autologous cancer immunotherapeutic products using modified tumor cells and modified dendritic cells  
**(51)** Int. Cl.  
**A61K 35/13** ( 2015.01 )  
**A61K 35/15** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**(87)** WO2018/151813  
**(31)** 62/460,295 **(32)** 17.02.17 **(33)** US  
**(43)** 23.08.2018  
**(44)** 25.03.2021  
**(72)** Nistor, Gabriel; Cornforth, Andrew N.; Dillman, Robert O.  
**(74)** RnB IP Pty Ltd

**(71)** Alfa Laval Corporate AB  
**(11)** AU-B-2018344272  
**(21)** 2018344272 **(22)** 11.09.2018  
**(54)** Heat transfer plate and a plate pack for a heat exchanger comprising a plurality of such heat transfer plates  
**(51)** Int. Cl.  
**F28F 3/08** ( 2006.01 )  
**(87)** WO2019/068426  
**(31)** 17194863.1 **(32)** 05.10.17 **(33)** EP  
**(43)** 11.04.2019  
**(44)** 25.03.2021  
**(72)** NILSSON, Johan; HEDBERG, Magnus  
**(74)** FB Rice Pty Ltd

**(71)** Allergan, Inc.  
**(11)** AU-B-2015353701  
**(21)** 2015353701 **(22)** 23.11.2015  
**(54)** Stabilized omega-3 ophthalmic compositions  
**(51)** Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 31/202** ( 2006.01 )  
**(87)** WO2016/085885  
**(31)** 62/083,980 **(32)** 25.11.14 **(33)** US  
**(43)** 02.06.2016  
**(44)** 25.03.2021  
**(72)** Gore, Anuradha V.; Giyanani, Jaya; Likitlersuang, Sukhon  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Allergan, Inc.  
**(11)** AU-B-2019204591  
**(21)** 2019204591 **(22)** 28.06.2019  
**(54)** Cyclosporine A Form 2 and method of making same  
**(51)** Int. Cl.  
**C07K 7/64** ( 2006.01 )  
**A61K 38/13** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(43)** 18.07.2019  
**(44)** 25.03.2021  
**(62)** 2017272197  
**(72)** Smith, Scott W.; Wu, Ke  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Amazon Technologies, Inc.  
**(11)** AU-B-2017363368  
**(21)** 2017363368 **(22)** 27.11.2017  
**(54)** Managing messaging protocol communications  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**H04L 12/58** ( 2006.01 )  
**H04L 12/66** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**H04W 4/00** ( 2018.01 )  
**(87)** WO2018/098445  
**(31)** 15/362,757 **(32)** 28.11.16 **(33)** US  
 15/362,765 28.11.16 US  
 15/362,751 28.11.16 US  
**(43)** 31.05.2018  
**(44)** 25.03.2021  
**(72)** Kuo, Calvin Yue-ren; Brooker, Marc John; Sorenson, James Christopher; Rafn, Mark Edward; Tandon, Ambuj; Turow, Jonathan I.; Choi, Kyunghwan; McClenahan, Weili Zhong  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** American Superconductor Corporation  
**(11)** AU-B-2018236284  
**(21)** 2018236284 **(22)** 15.03.2018  
**(54)** A medium voltage static synchronous compensator for power distribution grids  
**(51)** Int. Cl.  
**H02J 3/18** ( 2006.01 )  
**H02B 1/56** ( 2006.01 )  
**H05K 7/18** ( 2006.01 )  
**H05K 7/20** ( 2006.01 )  
**H02B 1/26** ( 2006.01 )  
**(87)** WO2018/170197  
**(31)** 15/459,187 **(32)** 15.03.17 **(33)** US  
 15/725,486 05.10.17 US  
**(43)** 20.09.2018  
**(44)** 25.03.2021  
**(72)** Specht, Andrew; Brubaker, John R.; Putnam, Mark D.; Folts, Douglas C.; Oteman, David G.; Flannery, Patrick  
**(74)** Alder IP Pty Ltd

**(71)** AMO Development, LLC  
**(11)** AU-B-2016285453  
**(21)** 2016285453 **(22)** 15.06.2016  
**(54)** Sub-nanosecond laser surgery system utilizing multiple pulsed laser beams  
**(51)** Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )  
**(87)** WO2017/003694  
**(31)** 14/973,508 **(32)** 17.12.15 **(33)** US  
 62/187,771 01.07.15 US  
**(43)** 05.01.2017  
**(44)** 25.03.2021  
**(72)** Schuele, Georg; Andersen, Daniel J.; Vankov, Alexander; Gooding, Phillip H.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Amyris, Inc.  
**(11)** AU-B-2014368982  
**(21)** 2014368982 **(22)** 19.12.2014  
**(54)** Methods for genomic integration  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )

Applications Accepted - Name Index cont'd

**C12N 15/90** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2015/095804  
**(31)** 61/937,444 **(32)** 07.02.14 **(33)** US  
 61/918,625 19.12.13 US  
**(43)** 25.06.2015  
**(44)** 25.03.2021  
**(72)** Horwitz, Andrew; Hawkins, Kristy  
 Michelle; Schubert, Max; Szeto, Wayne  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Anderson, S.  
**(11)** AU-B-2015201904  
**(21)** 2015201904 **(22)** 15.04.2015  
**(54)** ELASTICALLY TETHERED PRACTICE  
 BALLS  
**(51)** Int. Cl.  
**A63B 67/20** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**(31)** 2014901374 **(32)** 15.04.14 **(33)** AU  
**(43)** 29.10.2015  
**(44)** 25.03.2021  
**(72)** Anderson, Scott Peter  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Angel Pharmaceutical Co., Ltd.  
**(11)** AU-B-2017230098  
**(21)** 2017230098 **(22)** 10.03.2017  
**(54)** Compounds and methods for modulat-  
 ing bruton's tyrosine kinase  
**(51)** Int. Cl.  
**C07D 231/56** ( 2006.01 )  
**C07D 471/02** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2017/156495  
**(31)** 62/342,004 **(32)** 26.05.16 **(33)** US  
 62/307,399 11.03.16 US  
**(43)** 14.09.2017  
**(44)** 25.03.2021  
**(72)** Hudson, Ryan; Beausoleil, Anne-Marie;  
 Miller, Richard A.; Verner, Erik  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Ansell Limited  
**(11)** AU-B-2016228937  
**(21)** 2016228937 **(22)** 09.03.2016  
**(54)** Textured polymeric materials, and  
 methods of forming  
**(51)** Int. Cl.  
**D06M 15/00** ( 2006.01 )  
**D06B 1/00** ( 2006.01 )  
**D06M 17/00** ( 2006.01 )  
**(87)** WO2016/141409  
**(31)** 62/131,335 **(32)** 11.03.15 **(33)** US  
**(43)** 15.09.2016  
**(44)** 25.03.2021  
**(72)** Loo, Liong Yu; Hin, Kwee Feng; Ar-  
 umugam, Karunagaran A/L; Jay-  
 asundara, Chamila  
**(74)** Spruson & Ferguson

**(71)** Apple Inc.  
**(11)** AU-B-2018269238  
**(21)** 2018269238 **(22)** 23.04.2018  
**(54)** Hierarchical belief states for digital as-  
 sistants

**(51)** Int. Cl.  
**G10L 15/18** ( 2013.01 )  
**(87)** WO2018/212938  
**(31)** 62/506,455 **(32)** 15.05.17 **(33)** US  
 15/678,065 15.08.17 US  
 PA201770432 01.06.17 DK  
**(43)** 22.11.2018  
**(44)** 25.03.2021  
**(72)** Thomson, Blaise; Johannsen, Anders;  
 Ó Séaghdha, Diarmuid; Flego, Fed-  
 erico; Simonelli, Luca; Young, Steph-  
 en J.; Voice, Thomas David; Helgason,  
 Thorvaldur Pall  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2019204750  
**(21)** 2019204750 **(22)** 02.07.2019  
**(54)** Gesture based graphical user interface  
 for managing concurrently open soft-  
 ware applications  
**(51)** Int. Cl.  
**G06F 3/0488** ( 2013.01 )  
**G06F 3/048** ( 2006.01 )  
**G06F 9/44** ( 2018.01 )  
**(43)** 18.07.2019  
**(44)** 25.03.2021  
**(62)** 2017268610  
**(72)** CHAUDHRI, Imran  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2019250182  
**(21)** 2019250182 **(22)** 17.10.2019  
**(54)** User interface for initiating a telephone  
 call  
**(51)** Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**H04W 4/90** ( 2018.01 )  
**(43)** 07.11.2019  
**(44)** 25.03.2021  
**(62)** 2017277838  
**(72)** WILLIAMS, Aled Hywel; IVE, Jonath-  
 an P.; JONES, Bronwyn; KAWASHIMA,  
 Ieyuki; LYNCH, Kevin; MARIC, Natalia;  
 SCHOBEL, Andreas E.; WIEBE, Molly  
 Pray  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2019283935  
**(21)** 2019283935 **(22)** 19.12.2019  
**(54)** Motion-based configuration of a multi-  
 user device  
**(51)** Int. Cl.  
**G06F 3/048** ( 2006.01 )  
**(43)** 23.01.2020  
**(44)** 25.03.2021  
**(62)** 2017223176  
**(72)** ZHAO, Lu  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2020201575  
**(21)** 2020201575 **(22)** 03.03.2020

**(54)** Message user interfaces for capture  
 and transmittal of media and location  
 content  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**(43)** 19.03.2020  
**(44)** 25.03.2021  
**(62)** 2018203215  
**(72)** YANG, Lawrence Y.; CHAUDHRI, Im-  
 ran; DELLINGER, Richard R.; GAR-  
 CIA, Roberto; WOOD, Justin; LINDE-  
 MAN, Kevin J.; MACOMBER, Kyle S.;  
 CHANG, Jae Woo; BISTOLAS, Eu-  
 gene M.; LEMAY, Stephen O.; VAN  
 OS, Marcel; FROST, Megan M.; DICK-  
 ENS, Joshua B.; COFFMAN, Patrick L.;  
 KRENN, Matthaeus  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2020277216  
**(21)** 2020277216 **(22)** 26.11.2020  
**(54)** User interfaces for capturing and man-  
 aging visual media  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**(43)** 24.12.2020  
**(44)** 25.03.2021  
**(62)** 2020267151  
**(72)** MANZARI, Behkish J.; BROUGHTON,  
 Lee S.; DESHPANDE, Alok; DYE, Alan  
 C.; FEDERIGHI, Craig M.; GIRLING,  
 Lukas Robert Tom; HANKEY, Martha  
 E.; HUBEL, Paul; LUPINETTI, Nich-  
 olas; MCCORMACK, Jonathan; PAUL,  
 Grant; PRESTON, Daniel Trent; SOR-  
 RENTINO III, William A.; SOUZA DOS  
 SANTOS, Andre; BRASKET, Jeffrey A.;  
 JENSEN, Rasmus R.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021200102  
**(21)** 2021200102 **(22)** 08.01.2021  
**(54)** Device, method, and graphical user in-  
 terface for managing folders  
**(51)** Int. Cl.  
**G06F 3/0481** ( 2013.01 )  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0486** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
**G06F 9/451** ( 2018.01 )  
**(43)** 25.02.2021  
**(44)** 25.03.2021  
**(62)** 2019219816  
**(72)** CHAUDHRI, Imran; VAN OS, Marcel  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021201167  
**(21)** 2021201167 **(22)** 23.02.2021  
**(54)** User interfaces for capturing and man-  
 aging visual media  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**(43)** 11.03.2021

Applications Accepted - Name Index cont'd

- (44) 25.03.2021  
 (62) 2020277216  
 (72) MANZARI, Behkish J.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A.; JENSEN, Rasmus R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-B-2019202927  
 (21) 2019202927 (22) 26.04.2019  
 (54) A METHOD OF GAMING, A GAME CONTROLLER, A GAMING DEVICE AND A GAMING SYSTEM  
 (51) Int. Cl.  
**A63F 13/45** (2014.01)  
 (43) 30.05.2019  
 (44) 25.03.2021  
 (62) 2017200634  
 (72) CHIM, Chi We  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-B-2019203390  
 (21) 2019203390 (22) 14.05.2019  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 13/00** (2006.01)  
 (43) 06.06.2019  
 (44) 25.03.2021  
 (62) 2017203863  
 (72) SHAI-HEE, MICHAEL ALLAN  
 (74) Griffith Hack
- 
- (71) ARRIS Enterprises LLC  
 (11) AU-B-2019203306  
 (21) 2019203306 (22) 10.05.2019  
 (54) PUSH VIDEO ON DEMAND SCHEDULE SIMULATOR  
 (51) Int. Cl.  
**H04N 21/262** (2011.01)  
**G06Q 10/06** (2012.01)  
**H04N 21/23** (2011.01)  
**H04N 21/25** (2011.01)  
 (31) 15/976,506 (32) 10.05.18 (33) US  
 (43) 28.11.2019  
 (44) 25.03.2021  
 (72) Fuller, Lee  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Asceneuron S. A.  
 (11) AU-B-2017222962  
 (21) 2017222962 (22) 24.02.2017  
 (54) Acid addition salts of piperazine derivatives  
 (51) Int. Cl.  
**C07D 417/12** (2006.01)  
**A61K 31/497** (2006.01)

- A61K 31/506** (2006.01)  
**A61K 31/5377** (2006.01)  
**A61P 25/00** (2006.01)  
**C07D 405/12** (2006.01)  
**C07D 405/14** (2006.01)  
**C07D 417/14** (2006.01)  
**C07D 513/04** (2006.01)  
 (87) WO2017/144637  
 (31) 201621006638 (32) 25.02.16 (33) IN  
 (43) 31.08.2017  
 (44) 25.03.2021  
 (72) Quattropiani, Anna; Kulkarni, Santosh S.; Giri, Awadut Gajendra; Toronto, Dawn V.; Crowe, David Malcolm  
 (74) Spruson & Ferguson
- 
- (71) Atea Pharmaceuticals, Inc.  
 (11) AU-B-2020203055  
 (21) 2020203055 (22) 08.05.2020  
 (54) Beta-D-2'-deoxy-2'-alpha-fluoro-2'-beta-C-substituted-2'-modified-N6-substituted purine nucleotides for HCV treatment  
 (51) Int. Cl.  
**A61K 31/7076** (2006.01)  
**C07H 19/16** (2006.01)  
 (43) 28.05.2020  
 (44) 25.03.2021  
 (62) 2018282469  
 (72) Sommadossi, Jean-Pierre; Moussa, Adel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Aurigene Discovery Technologies Limited  
 (11) AU-B-2016230793  
 (21) 2016230793 (22) 07.03.2016  
 (54) 1,2,4-oxadiazole and thiadiazole compounds as immunomodulators  
 (51) Int. Cl.  
**C07D 271/06** (2006.01)  
**A61K 31/00** (2006.01)  
 (87) WO2016/142833  
 (31) 1180/CHE/2015 (32) 10.03.15 (33) IN  
 1178/CHE/2015 10.03.15 IN  
 (43) 15.09.2016  
 (44) 25.03.2021  
 (72) Sasikumar, Pottayil Govindan Nair; Ramachandra, Muralidhara; Naremadepalli, Seetharamaiah Setty Sudarshan  
 (74) Adrian M Trioli Patent and Trade Mark Attorney
- 
- (71) B. Braun Medical Inc.  
 (11) AU-B-2016291707  
 (21) 2016291707 (22) 11.07.2016  
 (54) Compounding device, system, kit, software, and method  
 (51) Int. Cl.  
**A61J 3/00** (2006.01)  
**A61M 39/22** (2006.01)  
**A61M 39/24** (2006.01)  
 (87) WO2017/011398  
 (31) 14/797,000 (32) 10.07.15 (33) US  
 (43) 19.01.2017  
 (44) 25.03.2021  
 (72) Konrad, Karl; Janders, Mike; Pearl, Aaron S.  
 (74) Davies Collison Cave Pty Ltd

- (71) BAE Systems PLC  
 (11) AU-B-2016255613  
 (21) 2016255613 (22) 29.04.2016  
 (54) Machining method and apparatus  
 (51) Int. Cl.  
**B25J 9/16** (2006.01)  
**G05B 19/4061** (2006.01)  
**G05B 19/4065** (2006.01)  
**G05B 19/4067** (2006.01)  
 (87) WO2016/174463  
 (31) 14/700,231 (32) 30.04.15 (33) US  
 15275192.1 26.08.15 EP  
 (43) 03.11.2016  
 (44) 25.03.2021  
 (72) Cook, Austin James; Carberry, Jonathan Michael; McMillan, David; Derecichei, Aron; Ashmore, Craig  
 (74) Shelston IP Pty Ltd.
- 
- (71) Baker Hughes Holdings, LLC  
 (11) AU-B-2016280455  
 (21) 2016280455 (22) 11.05.2016  
 (54) Disintegratable polymer composites for downhole tools  
 (51) Int. Cl.  
**C08K 7/14** (2006.01)  
**C08G 63/685** (2006.01)  
**C08G 63/91** (2006.01)  
**C08K 3/22** (2006.01)  
**C08K 5/56** (2006.01)  
**C08K 7/02** (2006.01)  
**C08L 67/00** (2006.01)  
**C08L 67/06** (2006.01)  
**C09K 8/12** (2006.01)  
 (87) WO2016/204886  
 (31) 62/180,098 (32) 16.06.15 (33) US  
 (43) 22.12.2016  
 (44) 25.03.2021  
 (72) Khatiwada, Suman; Yuan, Yusheng; Sadana, Anil  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Bally Gaming, Inc.  
 (11) AU-B-2017200226  
 (21) 2017200226 (22) 13.01.2017  
 (54) Configuring gaming system options based on player skill  
 (51) Int. Cl.  
**A63F 13/60** (2014.01)  
**A63F 13/80** (2014.01)  
 (31) 15/040,408 (32) 10.02.16 (33) US  
 (43) 24.08.2017  
 (44) 25.03.2021  
 (72) CHESWORTH, Jack F.; GILBERTSON, Ross M.; ROTZIOKOS, Arthur; TSE, Terence C.; WILKINS, Peter R.; YOU, Qin  
 (74) Spruson & Ferguson
- 
- (71) BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation  
 (11) AU-B-2015344993  
 (21) 2015344993 (22) 13.11.2015  
 (54) Materials and methods for PUFA production, and PUFA-containing compositions

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
 (87) WO2016/075326  
 (31) 62/079,622 (32) 14.11.14 (33) US  
 62/234,373 29.09.15 US  
 (43) 19.05.2016  
 (44) 25.03.2021  
 (72) Senger, Toralf; Marty, Laurent; Kunze, Irene; Haertel, Heiko A.; Bremmer, Steven; Breazeale, Steven; Bauer, Jörg; Vrinten, Patricia; Stymne, Sten; Lindberg Yilmaz, Jenny; McElver, John; Rein, Dietrich; Andre, Carl  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-B-2016341234  
 (21) 2016341234 (22) 20.10.2016  
 (54) A process for preparing an aqueous dispersion of microparticles  
 (51) Int. Cl.  
**B01J 13/18** ( 2006.01 )  
**A01N 25/28** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**C09B 67/02** ( 2006.01 )  
 (87) WO2017/068024  
 (31) 15191091.6 (32) 22.10.15 (33) EP  
 (43) 27.04.2017  
 (44) 25.03.2021  
 (72) Winkelmann, Marion; Muelheims, Kerstin; Tauber, Ralph; Fuchs, Yannick; Cetinkaya, Murat; Sachweh, Bernd  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-B-2017227553  
 (21) 2017227553 (22) 28.02.2017  
 (54) Methods for making L-glufosinate  
 (51) Int. Cl.  
**C12P 9/00** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12P 13/04** ( 2006.01 )  
**C12P 41/00** ( 2006.01 )  
 (87) WO2017/151573  
 (31) 62/413,240 (32) 26.10.16 (33) US  
 62/336,989 16.05.16 US  
 62/302,421 02.03.16 US  
 (43) 08.09.2017  
 (44) 25.03.2021  
 (72) Green, Brian Michael; Gradley, Michelle Lorraine; Alcasabas, Annette  
 (74) Griffith Hack

(71) Baylor Research Institute  
 (11) AU-B-2015301338  
 (21) 2015301338 (22) 03.08.2015  
 (54) Antagonistic anti-OX40L antibodies and methods of their use  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
 (87) WO2016/022468  
 (31) 62/032,959 (32) 04.08.14 (33) US  
 (43) 11.02.2016  
 (44) 25.03.2021  
 (72) Liu, Yong-Jun; Zurawski, Sandra; Oh, Sangkon; Hanabuchi, Shino; Fujita,

Haruyuki; Ueno, Hide; Blanco, Patrick; Joo, Hyemee  
 (74) Davies Collison Cave Pty Ltd

(71) Bechtel Oil, Gas & Chemicals, Inc.  
 (11) AU-B-2020202380  
 (21) 2020202380 (22) 03.04.2020  
 (54) BRANCH FITTING FOR REDUCING STRESS CAUSED BY ACOUSTIC INDUCED VIBRATION  
 (51) Int. Cl.  
**F28D 1/053** ( 2006.01 )  
**F28F 1/02** ( 2006.01 )  
**F28F 1/04** ( 2006.01 )  
**F28F 1/08** ( 2006.01 )  
**F28F 9/02** ( 2006.01 )  
 (43) 30.04.2020  
 (44) 25.03.2021  
 (62) 2018205213  
 (72) Eljaouhari, Ismat; Liu, Yuqing; Diwakar, Philip; Lin, Dan; Prakash, Ajay  
 (74) Phillips Ormonde Fitzpatrick

(71) Becton, Dickinson and Company  
 (11) AU-B-2018350899  
 (21) 2018350899 (22) 15.10.2018  
 (54) Spacer assembly for drug delivery device  
 (51) Int. Cl.  
**A61M 5/315** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
 (87) WO2019/079189  
 (31) 62/572,704 (32) 16.10.17 (33) US  
 (43) 25.04.2019  
 (44) 25.03.2021  
 (72) AVERY, Richard James Vincent; BOYD, Malcolm Stanley; GAZELEY, Oliver Charles; LEWIS, Gareth James; PLUMPTRE, David Aubrey; SENIOR, James Alexander  
 (74) FB Rice Pty Ltd

(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
 (11) AU-B-2019279933  
 (21) 2019279933 (22) 10.12.2019  
 (54) METHOD, APPARATUS AND SYSTEM FOR SPEAKER VERIFICATION  
 (51) Int. Cl.  
**G10L 17/00** ( 2013.01 )  
 (43) 16.01.2020  
 (44) 25.03.2021  
 (62) 2017305006  
 (72) CHEN, Jie; SU, Dan; FU, Tianxiao; HU, Na  
 (74) Caska Intellectual Property Pty Ltd

(71) Beta Pharma, Inc.  
 (11) AU-B-2018283289  
 (21) 2018283289 (22) 15.06.2018  
 (54) Pharmaceutical formulations of N-(2-(2-(dimethylamino)ethoxy)-4-methoxy-5-((4-(1-methyl-1H-indol-3-yl)pyrimidin-2-yl)amino)phenyl)acrylamide and salts thereof  
 (51) Int. Cl.

**C07D 401/04** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**C07D 239/42** ( 2006.01 )  
 (87) WO2018/232235  
 (31) 62/521,007 (32) 16.06.17 (33) US  
 (43) 20.12.2018  
 (44) 25.03.2021  
 (72) Greco, Michael Nicholas; Costanzo, Michael John; Green, Michael Alan; Peng, Jirong; Wilde, Victoria Lynn; Zhang, Don  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Better All Round Ltd  
 (11) AU-B-2015365678  
 (21) 2015365678 (22) 17.12.2015  
 (54) Method and apparatus for folding and opening-up wipes  
 (51) Int. Cl.  
**B31D 1/04** ( 2006.01 )  
**A47G 19/03** ( 2006.01 )  
**A47K 10/34** ( 2006.01 )  
**B31D 5/00** ( 2006.01 )  
**B31F 1/00** ( 2006.01 )  
**B65H 39/02** ( 2006.01 )  
**B65H 45/12** ( 2006.01 )  
 (87) WO2016/097745  
 (31) 1422632.8 (32) 18.12.14 (33) GB  
 (43) 23.06.2016  
 (44) 25.03.2021  
 (72) Abbosh, Oday; Fawcus, Philip Russell; Brandon-Jones, Julian; Nannizzi, Emanuel; Giometti, Gianluca; Reed, Dave  
 (74) Shelston IP Pty Ltd.

(71) Biolumic Limited  
 (11) AU-B-2015318730  
 (21) 2015318730 (22) 17.09.2015  
 (54) Method of seed treatments and resulting products  
 (51) Int. Cl.  
**A01H 3/02** ( 2006.01 )  
**A01C 1/00** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
 (87) WO2016/043605  
 (31) 700157 (32) 17.09.14 (33) NZ  
 (43) 24.03.2016  
 (44) 25.03.2021  
 (72) Wargent, Jason John  
 (74) FB Rice Pty Ltd

(71) Biomedal, S. L.; Universidad de Sevilla  
 (11) AU-B-2015287510  
 (21) 2015287510 (22) 09.07.2015  
 (54) Detecting gluten peptides in human fluids  
 (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (87) WO2016/005643  
 (31) P 201400569 (32) 09.07.14 (33) ES  
 (43) 14.01.2016



Applications Accepted - Name Index cont'd

- (44) 25.03.2021  
 (72) Moreno Amador, Maria de Lourdes; Sousa Martin, Carolina; Rodriguez Herrera, Alfonso; Cebolla Ramirez, Angel  
 (74) Wallington-Dummer
- 
- (71) Bioresponse, L.L.C.  
 (11) AU-B-2016245984  
 (21) 2016245984 (22) 08.04.2016  
 (54) Self-emulsifying formulations of DIM-related indoles  
 (51) Int. Cl.  
     **A61K 9/08** ( 2006.01 )  
     **A61K 9/10** ( 2006.01 )  
     **A61K 31/404** ( 2006.01 )  
     **A61K 47/00** ( 2006.01 )  
     **A61K 47/06** ( 2006.01 )  
 (87) WO2016/164770  
 (31) 62/146,216 (32) 10.04.15 (33) US  
 (43) 13.10.2016  
 (44) 25.03.2021  
 (72) Zelig, Michael A.; Jacobs, Irwin C.  
 (74) Spruson & Ferguson
- 
- Bioriginal Food & Science Corporation see BASF Plant Science Company GmbH**  
 (21) 2015344993
- 
- (71) BIOSENSE WEBSTER (ISRAEL) LTD.  
 (11) AU-B-2015261715  
 (21) 2015261715 (22) 30.11.2015  
 (54) MODELING OF A MAGNETIC FIELD  
 (51) Int. Cl.  
     **G01R 33/00** ( 2006.01 )  
 (31) 14/578,553 (32) 22.12.14 (33) US  
 (43) 07.07.2016  
 (44) 25.03.2021  
 (72) Govari, Assaf  
 (74) Spruson & Ferguson
- 
- (71) BioSight Ltd.  
 (11) AU-B-2016362239  
 (21) 2016362239 (22) 01.12.2016  
 (54) Salts of conjugates for cancer therapy  
 (51) Int. Cl.  
     **C07H 19/06** ( 2006.01 )  
     **A61K 31/7068** ( 2006.01 )  
     **A61K 47/50** ( 2017.01 )  
     **A61P 35/00** ( 2006.01 )  
     **A61P 35/02** ( 2006.01 )  
     **C07H 19/067** ( 2006.01 )  
 (87) WO2017/094011  
 (31) PCT/IL2016/050077 (32) 25.01.16 (33) IL  
     62/262,428 03.12.15 US  
     62/370,257 03.08.16 US  
 (43) 08.06.2017  
 (44) 25.03.2021  
 (72) Gengrinovitch, Stela  
 (74) Pipers Intellectual Property
- 
- (71) Bioverativ Therapeutics Inc.  
 (11) AU-B-2019200306  
 (21) 2019200306 (22) 16.01.2019  
 (54) Immunoglobulin chimeric monomer-dimer hybrids

- (51) Int. Cl.  
     **C07H 21/04** ( 2006.01 )  
     **C07K 1/02** ( 2006.01 )  
     **C07K 1/06** ( 2006.01 )  
     **C07K 1/10** ( 2006.01 )  
     **C07K 1/107** ( 2006.01 )  
     **C07K 16/00** ( 2006.01 )  
     **C07K 16/46** ( 2006.01 )  
     **C12P 21/00** ( 2006.01 )  
 (43) 07.02.2019  
 (44) 25.03.2021  
 (62) 2016244273  
 (72) Peters, Robert T.; Mezo, Adam R.; Rivera, Daniel S.; Bitonti, Alan J.; Statel, James M.; Low, Susan C.  
 (74) Spruson & Ferguson
- 
- (71) BITZER Kühlmaschinenbau GmbH  
 (11) AU-B-2016425930  
 (21) 2016425930 (22) 07.10.2016  
 (54) Semi-hermetic coolant compressor  
 (51) Int. Cl.  
     **F04B 35/04** ( 2006.01 )  
     **F04B 49/06** ( 2006.01 )  
     **F04B 49/24** ( 2006.01 )  
 (87) WO2018/065071  
 (43) 12.04.2018  
 (44) 25.03.2021  
 (72) Grosse-Kracht, Rainer; Renz, Hermann; Martin, Eduardo; Mannewitz, Jens  
 (74) Griffith Hack
- 
- (71) Bloom, G.J.  
 (11) AU-B-2017201881  
 (21) 2017201881 (22) 20.03.2017  
 (54) A Support Assembly for Supporting Structural Components  
 (51) Int. Cl.  
     **E04G 1/15** ( 2006.01 )  
     **E04B 1/02** ( 2006.01 )  
     **E04G 1/14** ( 2006.01 )  
     **E04G 21/32** ( 2006.01 )  
 (31) 2016901031 (32) 18.03.16 (33) AU  
 (43) 05.10.2017  
 (44) 25.03.2021  
 (72) Bloom, Gregory James  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) Blücher GmbH  
 (11) AU-B-2018339877  
 (21) 2018339877 (22) 02.07.2018  
 (54) Method and system for treating and/or purifying water  
 (51) Int. Cl.  
     **C02F 1/28** ( 2006.01 )  
     **C02F 101/30** ( 2006.01 )  
 (87) WO2019/063150  
 (31) 10 2017 009 038.6 (32) 27.09.17 (33) DE  
     10 2017 009 037.8 27.09.17 DE  
     10 2017 126 118.4 08.11.17 DE  
 (43) 04.04.2019  
 (44) 25.03.2021  
 (72) SCHÖNFELD, Raik; FISCHER, Charlotte; RAISER, Jan-Peter  
 (74) Spruson & Ferguson

- (71) Boehringer Ingelheim Vetmedica GmbH  
 (11) AU-B-2020201168  
 (21) 2020201168 (22) 18.02.2020  
 (54) Treatment of metabolic disorders in canine animals  
 (51) Int. Cl.  
     **A61K 31/7034** ( 2006.01 )  
     **A61K 9/02** ( 2006.01 )  
     **A61K 9/08** ( 2006.01 )  
     **A61K 9/20** ( 2006.01 )  
     **A61K 9/48** ( 2006.01 )  
     **A61K 31/00** ( 2006.01 )  
     **A61K 38/28** ( 2006.01 )  
     **A61K 45/06** ( 2006.01 )  
     **A61P 3/06** ( 2006.01 )  
     **A61P 3/10** ( 2006.01 )  
 (43) 05.03.2020  
 (44) 25.03.2021  
 (62) 2015208291  
 (72) Kley, Saskia; Reiche, Dania Birte  
 (74) FB Rice Pty Ltd
- 
- (71) Bollinger Motors, LLC  
 (11) AU-B-2019203499  
 (21) 2019203499 (22) 18.05.2019  
 (54) AUTOMOTIVE VEHICLE BODY  
 (51) Int. Cl.  
     **B62D 33/033** ( 2006.01 )  
     **B60P 3/42** ( 2006.01 )  
     **B62D 49/06** ( 2006.01 )  
 (31) 15/984,863 (32) 21.05.18 (33) US  
 (43) 05.12.2019  
 (44) 25.03.2021  
 (72) Bollinger, Robert  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2019257431  
 (21) 2019257431 (22) 30.10.2019  
 (54) Collection of cells from a lumen in patient  
 (51) Int. Cl.  
     **A61B 10/02** ( 2006.01 )  
     **A61M 25/10** ( 2006.01 )  
 (43) 21.11.2019  
 (44) 25.03.2021  
 (62) 2017248549  
 (72) CHIN, Albert; SARNA, Surbhi; SNOW, David W.  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2019257432  
 (21) 2019257432 (22) 30.10.2019  
 (54) Collection of cells from a lumen in patient  
 (51) Int. Cl.  
     **A61B 10/02** ( 2006.01 )  
     **A61M 25/10** ( 2006.01 )  
 (43) 21.11.2019  
 (44) 25.03.2021  
 (62) 2017248549  
 (72) CHIN, Albert; SARNA, Surbhi; SNOW, David W.  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Bourgault Industries Ltd.  
 (11) AU-B-2019203889  
 (21) 2019203889 (22) 04.06.2019  
 (54) Bulk container to meter seed transfer  
 (51) Int. Cl.  
     **A01C 7/08** ( 2006.01 )  
     **A01C 7/10** ( 2006.01 )  
     **A01C 7/12** ( 2006.01 )  
 (31) 3,009,543 (32) 27.06.18 (33) CA  
 (43) 16.01.2020  
 (44) 25.03.2021  
 (72) Jagow, Scot; Cowan, Ryan; Rieder, Jami  
 (74) FB Rice Pty Ltd

(71) Bradshaw, G.  
 (11) AU-B-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  
 (44) 25.03.2021  
 (72) BRADSHAW, Glenn Andrew  
 (74) TJIP Patents, Trade Marks & Designs

(71) Butler, B.  
 (11) AU-B-2017412260  
 (21) 2017412260 (22) 24.04.2017  
 (54) Energy return orthotic systems  
 (51) Int. Cl.  
     **A43B 13/18** ( 2006.01 )  
     **A43B 7/14** ( 2006.01 )  
     **A43B 7/22** ( 2006.01 )  
     **A43B 17/00** ( 2006.01 )  
     **A43B 17/02** ( 2006.01 )  
 (87) WO2018/199897  
 (31) 15/494,755 (32) 24.04.17 (33) US  
 (43) 01.11.2018  
 (44) 25.03.2021  
 (72) Butler, Barry A.  
 (74) FB Rice Pty Ltd

(71) C.R. Bard, Inc.  
 (11) AU-B-2019261729  
 (21) 2019261729 (22) 06.11.2019  
 (54) Biopsy device having integrated vacuum  
 (51) Int. Cl.  
     **A61B 10/02** ( 2006.01 )  
 (43) 28.11.2019  
 (44) 25.03.2021  
 (62) 2013404993  
 (72) Schlarb, Rory M.; Van Liere, Chad C.  
 (74) Griffith Hack

(71) Canexia Health Inc.  
 (11) AU-B-2016326889  
 (21) 2016326889 (22) 23.09.2016  
 (54) Molecular quality assurance methods for use in sequencing  
 (51) Int. Cl.  
     **C07H 21/04** ( 2006.01 )

**C12P 19/34** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**C40B 50/06** ( 2006.01 )  
 (87) WO2017/051387  
 (31) 62/233,074 (32) 25.09.15 (33) US  
 (43) 30.03.2017  
 (44) 25.03.2021  
 (72) Aparicio, Samuel; Shah, Sohrab; Aguirre-Hernandez, Rosalia; Prentice, Leah; Franchini, Patrick; Khattra, Jaswinder Singh; He, Tong  
 (74) Spruson & Ferguson

(71) Capital Project Management Pty Ltd  
 (11) AU-B-2016314025  
 (21) 2016314025 (22) 01.09.2016  
 (54) Pre-engineered flat-pack bridge  
 (51) Int. Cl.  
     **E05D 15/00** ( 2006.01 )  
 (87) WO2017/035564  
 (31) 2015903571 (32) 01.09.15 (33) AU  
 (43) 09.03.2017  
 (44) 25.03.2021  
 (72) Nelson, Brian Athol; Knuckey, Kenneth John  
 (74) Lord & Company

(71) CareFusion 303, Inc.  
 (11) AU-B-2017212349  
 (21) 2017212349 (22) 24.01.2017  
 (54) Intermittent infusion device  
 (51) Int. Cl.  
     **A61M 5/14** ( 2006.01 )  
     **A61M 5/28** ( 2006.01 )  
     **A61M 5/315** ( 2006.01 )  
     **A61M 39/22** ( 2006.01 )  
     **A61M 5/168** ( 2006.01 )  
     **A61M 5/178** ( 2006.01 )  
     **A61M 39/00** ( 2006.01 )  
     **A61M 39/24** ( 2006.01 )  
 (87) WO2017/132121  
 (31) 62/287,840 (32) 27.01.16 (33) US  
 (43) 03.08.2017  
 (44) 25.03.2021  
 (72) Browka, Edward; Fentress, James; Farhat, Lawrence; Vasko, Robert  
 (74) FB Rice Pty Ltd

(71) Carlson, M.  
 (11) AU-B-2019202391  
 (21) 2019202391 (22) 05.04.2019  
 (54) Arch support system  
 (51) Int. Cl.  
     **A43B 7/12** ( 2006.01 )  
 (31) 62/653,503 (32) 05.04.18 (33) US  
                     16/373,528 02.04.19 US  
 (43) 24.10.2019  
 (44) 25.03.2021  
 (72) Carlson, Michael A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Catalyst Lifestyle Limited; Lai, J.; Wright, J.  
 (11) AU-B-2020202837  
 (21) 2020202837 (22) 29.04.2020  
 (54) Waterproof case  
 (51) Int. Cl.

**H05K 5/06** ( 2006.01 )  
**B65D 85/00** ( 2006.01 )  
 (43) 21.05.2020  
 (44) 25.03.2021  
 (62) 2019200345  
 (72) LAI, June; WRIGHT, Joshua  
 (74) Spruson & Ferguson

(71) Caterpillar Global Mining LLC  
 (11) AU-B-2016222677  
 (21) 2016222677 (22) 25.02.2016  
 (54) Hoist drum for power shovel  
 (51) Int. Cl.  
     **E02F 3/58** ( 2006.01 )  
     **B66D 1/34** ( 2006.01 )  
     **E02F 9/20** ( 2006.01 )  
 (87) WO2016/138201  
 (31) 14/634,292 (32) 27.02.15 (33) US  
 (43) 01.09.2016  
 (44) 25.03.2021  
 (72) Trotnow, Jason J.; Bumraw, Gurbachan S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2016267028  
 (21) 2016267028 (22) 20.05.2016  
 (54) Pin and retainer locking system  
 (51) Int. Cl.  
     **E02F 3/48** ( 2006.01 )  
     **B66C 3/00** ( 2006.01 )  
     **E02F 3/58** ( 2006.01 )  
     **E02F 9/00** ( 2006.01 )  
     **F16B 21/02** ( 2006.01 )  
     **F16B 21/04** ( 2006.01 )  
     **F16B 21/16** ( 2006.01 )  
     **F16C 11/04** ( 2006.01 )  
     **F16G 15/06** ( 2006.01 )  
 (87) WO2016/191242  
 (31) 14/722,054 (32) 26.05.15 (33) US  
 (43) 01.12.2016  
 (44) 25.03.2021  
 (72) Stolz, Michael R.  
 (74) FPA Patent Attorneys Pty Ltd

(71) CDRD Ventures Inc.  
 (11) AU-B-2017217271  
 (21) 2017217271 (22) 09.02.2017  
 (54) Somatostatin receptor antagonist compounds and methods of using the same  
 (51) Int. Cl.  
     **C07K 7/06** ( 2006.01 )  
     **A61K 38/08** ( 2006.01 )  
     **A61P 3/08** ( 2006.01 )  
     **A61P 3/10** ( 2006.01 )  
 (87) WO2017/136943  
 (31) 62/293,216 (32) 09.02.16 (33) US  
 (43) 17.08.2017  
 (44) 25.03.2021  
 (72) Arns, Stephen Paul; Jaquith, James Brian; Baudelet, Davy Jérémy; Simonson, Eric Roy; Liggins, Richard Tom; Kumar, Nag Sharwan; Hsieh, Tom Han Hsiao  
 (74) Davies Collison Cave Pty Ltd

(71) Celgene Corporation  
 (11) AU-B-2017206039

Applications Accepted - Name Index cont'd

(21) 2017206039 (22) 06.01.2017  
 (54) Solid forms of 2-(4-chlorophenyl)-N-((2-(2,6-dioxopiperidin-3-yl)-1-oxoisindolin-5-yl) methyl)-2,2-difluoroacetamide, and their pharmaceutical compositions and uses  
 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
 (87) WO2017/120415  
 (31) 62/276,750 (32) 08.01.16 (33) US  
 (43) 13.07.2017  
 (44) 25.03.2021  
 (72) Fernandez, Paul F.; Ferretti, Antonio C.; Kothare, Mohit A.; Li, Ying; Man, Hon-Wah; Zhang, Weihong  
 (74) FB Rice Pty Ltd

**Centaurus Biopharma Co., Ltd. see Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**  
 (21) 2016292450

**Centaurus Biopharma Co., Ltd. see Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**  
 (21) 2017282903

(71) Cereno Scientific AB  
 (11) AU-B-2015329795  
 (21) 2015329795 (22) 08.10.2015  
 (54) Valproic acid for the treatment or prevention of pathological conditions associated with excess fibrin deposition and/or thrombus formation  
 (51) Int. Cl.  
**A61K 31/19** ( 2006.01 )  
**A61K 31/4365** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/616** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
 (87) WO2016/055797  
 (31) 1417828.9 (32) 08.10.14 (33) GB  
 (43) 14.04.2016  
 (44) 25.03.2021  
 (72) Jern, Sverker; Saljo, Jonas Fajjerson; Bergh, Niklas  
 (74) Griffith Hack

(71) Certis Cisco Security Pte. Ltd.  
 (11) AU-B-2016318066  
 (21) 2016318066 (22) 24.03.2016  
 (54) System and method for high frequency heuristic data acquisition and analytics of information security events  
 (51) Int. Cl.  
**G06F 21/55** ( 2013.01 )  
 (87) WO2017/039532  
 (31) 10201507051W (32) 03.09.15 (33) SG  
 (43) 09.03.2017  
 (44) 25.03.2021  
 (72) Lim, Keng Leng Albert  
 (74) MINTER ELLISON

(71) Chana, G.  
 (11) AU-B-2016313238  
 (21) 2016313238 (22) 22.08.2016  
 (54) Apparatus for use in surgery  
 (51) Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
 (87) WO2017/032993  
 (31) 62/207,957 (32) 21.08.15 (33) US  
 (43) 02.03.2017  
 (44) 25.03.2021  
 (72) Chana, Gursharan Singh  
 (74) Spruson & Ferguson

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.  
 (11) AU-B-2016292450  
 (21) 2016292450 (22) 15.07.2016  
 (54) Aniline pyrimidine derivatives and uses thereof  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
 (87) WO2017/008761  
 (31) 201510419018.X (32) 16.07.15 (33) CN  
 (43) 19.01.2017  
 (44) 25.03.2021  
 (72) Zhu, Yan; Zhao, Na; Shang, Xianxing; Hu, Yuandong; Peng, Yong; Zhang, Hui; Liu, Bo; Luo, Hong; Han, Yongxin; Yang, Ling; Xu, Hongjiang  
 (74) AJ PARK

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.  
 (11) AU-B-2017282903  
 (21) 2017282903 (22) 23.06.2017  
 (54) Crystals of aniline pyrimidine compound serving as EGFR inhibitor  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2017/220007  
 (31) 201610470835.2 (32) 24.06.16 (33) CN  
 (43) 28.12.2017  
 (44) 25.03.2021  
 (72) Zhu, Yizhong; Tang, Jianqiu; Liu, Fei; Zhang, Xiquan; Gu, Hongmei; Zhu, Bo; Wang, Lulu; Tang, Song; Zhang, Yan-yang  
 (74) FB Rice Pty Ltd

(71) Chromadex Inc.; The Queen's University of Belfast  
 (11) AU-B-2017232930  
 (21) 2017232930 (22) 16.03.2017  
 (54) B-vitamin and amino acid conjugates of nicotinoyl ribosides and reduced

nicotinoyl ribosides, derivatives thereof, and methods of preparation thereof  
 (51) Int. Cl.  
**C07H 19/048** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
 (87) WO2017/161165  
 (31) 62/309,273 (32) 16.03.16 (33) US  
 (43) 21.09.2017  
 (44) 25.03.2021  
 (72) Migaud, Marie Eugenie; Redpath, Phillip; Crossey, Kerri; Cunningham, Richard; Dellinger, Ryan; Rhonemus, Troy; Venkataraman, Sylesh; Nettles, Brian  
 (74) Pipers Intellectual Property

(71) Citrix Systems, Inc.  
 (11) AU-B-2019338302  
 (21) 2019338302 (22) 10.09.2019  
 (54) Application scripts for cross-domain applications  
 (51) Int. Cl.  
**H04L 29/08** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )  
**H04W 12/08** ( 2009.01 )  
 (87) WO2020/055847  
 (31) 16/128,424 (32) 11.09.18 (33) US  
 (43) 19.03.2020  
 (44) 25.03.2021  
 (72) CHAUHAN, Abhishek  
 (74) RnB IP Pty Ltd

(71) Clariant International Ltd  
 (11) AU-B-2019202031  
 (21) 2019202031 (22) 25.03.2019  
 (54) Organic ammonium salts of anionic pesticides  
 (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/22** ( 2006.01 )  
**A01N 37/02** ( 2006.01 )  
**A01N 37/40** ( 2006.01 )  
**A01N 39/04** ( 2006.01 )  
**A01N 41/10** ( 2006.01 )  
**A01N 47/36** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
 (43) 18.04.2019  
 (44) 25.03.2021  
 (62) 2015303167  
 (72) Klug, Peter; Baur, Peter; Bauer, Martin  
 (74) Davies Collison Cave Pty Ltd

(71) Colgate-Palmolive Company  
 (11) AU-B-2017432184  
 (21) 2017432184 (22) 18.09.2017  
 (54) Mouthwash liquid dispensing system  
 (51) Int. Cl.  
**B67D 3/00** ( 2006.01 )  
**A47K 5/00** ( 2006.01 )  
**B67D 7/02** ( 2010.01 )  
 (87) WO2019/055047  
 (43) 21.03.2019  
 (44) 25.03.2021  
 (72) WORTHINGTON, Brian G.  
 (74) Shelston IP Pty Ltd.

Applications Accepted - Name Index cont'd

- (71) Colgate-Palmolive Company  
 (11) AU-B-2017436676  
 (21) 2017436676 (22) 19.12.2017  
 (54) Personal care compositions including naringin:zinc complexes and methods for the same  
 (51) Int. Cl.  
**A61K 8/27** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**A61Q 19/02** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
 (87) WO2019/083554  
 (31) PCT/ US2017/057997 (32) 24.10.17 (33) US  
 (43) 02.05.2019  
 (44) 25.03.2021  
 (72) CHENG, Shujiang; NABI, Zeenat; DU-THUMM, Laurence D.; WU, Qiang; ONG, Jane; SIOMYK, Halyna; TRIVEDI, Harsh; MASTERS, James; CHENG, Chi-Yuan; WU, Donghui  
 (74) Shelston IP Pty Ltd.
- 
- (71) Colgate-Palmolive Company  
 (11) AU-B-2018318307  
 (21) 2018318307 (22) 20.08.2018  
 (54) Oral care whitening compositions  
 (51) Int. Cl.  
**A61Q 11/00** ( 2006.01 )  
**A61K 8/22** ( 2006.01 )  
**A61K 8/24** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
**A61K 8/89** ( 2006.01 )  
 (87) WO2019/036696  
 (31) 62/547,215 (32) 18.08.17 (33) US  
 (43) 21.02.2019  
 (44) 25.03.2021  
 (72) EVANS, Lauren; CHOPRA, Suman; GALIYARA, Tanaz  
 (74) Shelston IP Pty Ltd.
- 
- (71) Colgate-Palmolive Company; Northwestern University  
 (11) AU-B-2018388878  
 (21) 2018388878 (22) 13.12.2018  
 (54) Analytical methods  
 (51) Int. Cl.  
**G01N 23/087** ( 2018.01 )  
 (87) WO2019/125912  
 (31) 62/599,824 (32) 18.12.17 (33) US  
 (43) 27.06.2019  
 (44) 25.03.2021  
 (72) FITZGERALD, Michael; PAPPAS, Iraklis; GAILLARD, Jean-Francois; ALSINA CORVALAN, Marco  
 (74) Shelston IP Pty Ltd.
- 
- (71) Colgate-Palmolive Company; Omron Healthcare Co., Ltd  
 (11) AU-B-2020201539  
 (21) 2020201539 (22) 03.03.2020  
 (54) Electric toothbrush, brush unit, and method for operating an electric toothbrush  
 (51) Int. Cl.  
**A46B 5/00** ( 2006.01 )  
**A46B 9/02** ( 2006.01 )  
**A46B 9/04** ( 2006.01 )
- 
- A46B 15/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 6/00** ( 2006.01 )  
 (43) 19.03.2020  
 (44) 25.03.2021  
 (62) 2019200195  
 (72) Yoshida, Hideaki; Katano, Mamoru; Kitamura, Masashi; Matsumoto, Toshifumi; Morikawa, Sakae  
 (74) Shelston IP Pty Ltd.
- 
- (71) Columbia Steel Casting Co., Inc.  
 (11) AU-B-2017202774  
 (21) 2017202774 (22) 27.04.2017  
 (54) Repair link for twist link and other chain types  
 (51) Int. Cl.  
**F16G 15/10** ( 2006.01 )  
 (31) 15/468,000 (32) 23.03.17 (33) US  
 (43) 11.10.2018  
 (44) 25.03.2021  
 (72) DREIXLER, Charles; FRITZ, Jesse  
 (74) Spruson & Ferguson
- 
- (71) Commissariat A L'energie Atomique et aux Energies Alternatives  
 (11) AU-B-2018226972  
 (21) 2018226972 (22) 26.02.2018  
 (54) Precipitation method and synthesis method of 2,6-diamino-3,5-dinitropyrazine-1-oxide  
 (51) Int. Cl.  
**C07D 241/20** ( 2006.01 )  
**B01D 9/02** ( 2006.01 )  
**C07D 241/16** ( 2006.01 )  
 (87) WO2018/158177  
 (31) 62/552,762 (32) 31.08.17 (33) US  
 17 51645 28.02.17 FR  
 (43) 07.09.2018  
 (44) 25.03.2021  
 (72) Pasquinet, Eric; Wuillaume, Anne; Pin, Nicolas; Beaucamp, Arnaud; Barthet, Christelle  
 (74) Griffith Hack
- 
- (71) Commonwealth of Australia represented by Department of Defence, Defence Science and Technology Organisation  
 (11) AU-B-2016218937  
 (21) 2016218937 (22) 08.02.2016  
 (54) An active optical fibre  
 (51) Int. Cl.  
**G02B 6/036** ( 2006.01 )  
**C03C 3/04** ( 2006.01 )  
**C03C 25/42** ( 2006.01 )  
**H01S 3/067** ( 2006.01 )  
**H01S 3/09** ( 2006.01 )  
 (87) WO2016/127208  
 (31) 1502109.0 (32) 09.02.15 (33) GB  
 (43) 18.08.2016  
 (44) 25.03.2021  
 (72) Daniel, Jae; Clarkson, Andrew W.; Simakov, Nikita  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2015372432  
 (21) 2015372432 (22) 18.12.2015  
 (54) "An electrically conductive textile"  
 (51) Int. Cl.  
**H01R 4/02** ( 2006.01 )  
**D03D 15/00** ( 2006.01 )  
**H01R 4/00** ( 2006.01 )  
**H05K 9/00** ( 2006.01 )  
 (87) WO2016/101022  
 (31) 2014905262 (32) 24.12.14 (33) AU  
 (43) 30.06.2016  
 (44) 25.03.2021  
 (72) Krajewski, Andrzej Stanislaw; Staynes, Laurence Michael; Kyrtzisz, Ilias Louis; Dower, Douglas James; Herwig, Peter Ralph  
 (74) FB Rice Pty Ltd
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2020202940  
 (21) 2020202940 (22) 04.05.2020  
 (54) METAL ORGANIC FRAMEWORK BASED WATER CAPTURE APPARATUS  
 (51) Int. Cl.  
**B01D 53/02** ( 2006.01 )  
**B01D 53/26** ( 2006.01 )  
**B01J 20/22** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
 (43) 21.05.2020  
 (44) 25.03.2021  
 (62) PCT/AU2019/050860  
 (72) Hesselmann, Matthias; Mulet, Xavier; Konstas, Kristina; Thornton, Aaron; Herrmann, Stefan  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2020281143  
 (21) 2020281143 (22) 04.12.2020  
 (54) Creating super-resolution images  
 (51) Int. Cl.  
**G06T 3/40** ( 2006.01 )  
 (43) 25.03.2021  
 (44) 25.03.2021  
 (72) PETERSSON, Lars; SHOEIBY, Mehrdad; ARMIN, Mohammad Ali; ALIAKBARIAN, Sadegh; ANWAR, Saeed  
 (74) FB Rice Pty Ltd
- 
- (71) CommScope Technologies LLC  
 (11) AU-B-2019216666  
 (21) 2019216666 (22) 15.08.2019  
 (54) Programmable power supplies for cellular base stations and related methods of reducing power loss in cellular systems  
 (51) Int. Cl.  
**H04B 3/54** ( 2006.01 )  
**H04B 7/155** ( 2006.01 )  
 (43) 05.09.2019

Applications Accepted - Name Index cont'd

(44) 25.03.2021  
 (62) 2015217537  
 (72) Chamberlain, John C.; Guerin, Michael  
 (74) Davies Collison Cave Pty Ltd

(71) ConforMIS, Inc.  
 (11) AU-B-2018241176  
 (21) 2018241176 (22) 05.10.2018  
 (54) Patient Selectable Knee Joint Arthroplasty Devices  
 (51) Int. Cl.  
 A61F 2/08 ( 2006.01 )  
 A61F 2/30 ( 2006.01 )  
 A61F 2/38 ( 2006.01 )  
 A61F 2/46 ( 2006.01 )

(43) 01.11.2018  
 (44) 25.03.2021  
 (62) 2016201044  
 (72) Burdulis Jr, Albert G.; Fitz, Wolfgang; Lang, Philipp; Steines, Daniel; Tsougarakis, Konstantinos; Vargas-Voracek, Rene; Bouadi, Hacene; O'Regan, Cecily Anne; Miller, David  
 (74) FB Rice Pty Ltd

(71) Contemporary Han Cloud Co., Ltd  
 (11) AU-B-2019204074  
 (21) 2019204074 (22) 11.06.2019  
 (54) Device and method for pulse diagnosis measurement

(51) Int. Cl.  
 A61B 5/021 ( 2006.01 )  
 (31) 62/683,626 (32) 11.06.18 (33) US  
 (43) 11.06.2020  
 (44) 25.03.2021  
 (72) Kuo, Yu-Cheng  
 (74) Griffith Hack

(71) Cosette, Lee & Harrison, LLC  
 (11) AU-B-2016285923  
 (21) 2016285923 (22) 28.06.2016  
 (54) Endovascular catheter with multiple capabilities  
 (51) Int. Cl.  
 A61M 25/10 ( 2006.01 )  
 (87) WO2017/004019  
 (31) 62/186,441 (32) 30.06.15 (33) US  
 (43) 05.01.2017  
 (44) 25.03.2021  
 (72) Boehm Jr., Frank H.; Stone, Janice L.  
 (74) Davies Collison Cave Pty Ltd

(71) Cosmed Pharmaceutical Co., Ltd.  
 (11) AU-B-2018317057  
 (21) 2018317057 (22) 17.08.2018  
 (54) Microneedle array for lips  
 (51) Int. Cl.  
 A61M 37/00 ( 2006.01 )  
 (87) WO2019/035489  
 (31) 2017-157681 (32) 17.08.17 (33) JP  
 (43) 21.02.2019  
 (44) 25.03.2021  
 (72) Quan, Ying-shu; Kamiyama, Fumio; Tanaka, Hiroshi; Kondo, Naoko  
 (74) Griffith Hack

(71) Cosmed Pharmaceutical Co., Ltd.  
 (11) AU-B-2018360546  
 (21) 2018360546 (22) 01.11.2018  
 (54) Dental local anesthetic microneedle array  
 (51) Int. Cl.  
 A61M 37/00 ( 2006.01 )  
 (87) WO2019/088227  
 (31) 2017-213296 (32) 02.11.17 (33) JP  
 (43) 09.05.2019  
 (44) 25.03.2021  
 (72) Quan, Ying-shu; Kamiyama, Fumio  
 (74) Griffith Hack

(71) Council of Scientific and Industrial Research  
 (11) AU-B-2018274973  
 (21) 2018274973 (22) 06.12.2018  
 (54) A process for the preparation of metal nanoparticles  
 (51) Int. Cl.  
 B22F 1/00 ( 2006.01 )  
 B22F 9/24 ( 2006.01 )  
 (43) 03.01.2019  
 (44) 25.03.2021  
 (62) 2014343178  
 (72) Vinod Agarwal, Sankalp; Sunder Reddy, Shyam; Marshal  
 (74) Davies Collison Cave Pty Ltd

(71) Covidien LP  
 (11) AU-B-2017272072  
 (21) 2017272072 (22) 23.05.2017  
 (54) Robotic surgical assemblies  
 (51) Int. Cl.  
 A61B 34/00 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )  
 (87) WO2017/205308  
 (31) 62/341,714 (32) 26.05.16 (33) US  
 62/341,761 26.05.16 US  
 62/341,701 26.05.16 US  
 62/341,748 26.05.16 US  
 62/341,720 26.05.16 US  
 62/341,804 26.05.16 US  
 62/341,774 26.05.16 US  
 (43) 30.11.2017  
 (44) 25.03.2021  
 (72) Zemlok, Michael; Seow, Chi Min; Kapadia, Jaimeen; Macleod, Mark  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-B-2017272081  
 (21) 2017272081 (22) 23.05.2017  
 (54) Robotic surgical assemblies  
 (51) Int. Cl.  
 A61B 90/00 ( 2016.01 )  
 A61B 34/00 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )  
 (87) WO2017/205329  
 (31) 62/341,804 (32) 26.05.16 (33) US  
 62/341,774 26.05.16 US  
 62/341,761 26.05.16 US  
 62/341,720 26.05.16 US  
 62/341,748 26.05.16 US  
 62/341,714 26.05.16 US  
 62/341,701 26.05.16 US  
 (43) 30.11.2017

(44) 25.03.2021  
 (72) Zemlok, Michael; Kapadia, Jaimeen  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-B-2017272085  
 (21) 2017272085 (22) 23.05.2017  
 (54) Robotic surgical assemblies  
 (51) Int. Cl.  
 A61B 34/30 ( 2016.01 )  
 A61B 34/00 ( 2016.01 )  
 A61B 90/00 ( 2016.01 )  
 (87) WO2017/205333  
 (31) 62/341,714 (32) 26.05.16 (33) US  
 62/341,761 26.05.16 US  
 62/341,748 26.05.16 US  
 62/341,720 26.05.16 US  
 62/341,701 26.05.16 US  
 62/341,804 26.05.16 US  
 62/341,774 26.05.16 US  
 (43) 30.11.2017  
 (44) 25.03.2021  
 (72) Zemlok, Michael; Seow, Chi Min; Kapadia, Jaimeen; Rosmarin, Josiah; Macleod, Mark  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-B-2019219781  
 (21) 2019219781 (22) 21.08.2019  
 (54) Cutting electrode enhancement for laparoscopic electro-surgical device  
 (51) Int. Cl.  
 A61B 18/18 ( 2006.01 )  
 (31) 62/722,679 (32) 24.08.18 (33) US  
 16/536,578 09.08.19 US  
 (43) 12.03.2020  
 (44) 25.03.2021  
 (72) BONN, Kenlyn S.  
 (74) Spruson & Ferguson

(71) Cronk, P.  
 (11) AU-B-2017222695  
 (21) 2017222695 (22) 21.02.2017  
 (54) A luminaire assembly  
 (51) Int. Cl.  
 F21V 23/00 ( 2006.01 )  
 A01G 7/04 ( 2006.01 )  
 F21S 8/06 ( 2006.01 )  
 F21V 17/00 ( 2006.01 )  
 F21V 21/008 ( 2006.01 )  
 F21V 21/108 ( 2006.01 )  
 (87) WO2017/143391  
 (31) 2016900684 (32) 25.02.16 (33) AU  
 2016903092 05.08.16 AU  
 (43) 31.08.2017  
 (44) 25.03.2021  
 (72) Cronk, Paul Andrew  
 (74) Fraser Old & Sohn

(71) CRRC Qiqihar Rolling Stock Co., Ltd.  
 (11) AU-B-2018362395  
 (21) 2018362395 (22) 19.09.2018  
 (54) Bogie and connecting device for cross-connecting rod and side frame thereof  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**B61F 5/50** ( 2006.01 )  
**(87)** WO2019/085669  
**(31)** 201711078489.4 **(32)** 06.11.17 **(33)** CN  
**(43)** 09.05.2019  
**(44)** 25.03.2021  
**(72)** Zhou, Guodong; Xu, Shifeng; Liu, Zhenming; Shao, Wendong; Xu, Shanchao  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Crystal Pharmaceutical (Suzhou) Co., Ltd.  
**(11)** AU-B-2017376517  
**(21)** 2017376517 **(22)** 13.12.2017  
**(54)** Novel crystalline forms of {[5-(3-chlorophenyl)-3-hydroxypyridine-2-carbonyl] amino} acetic acid and processes for preparation thereof  
**(51)** Int. Cl.  
**C07D 213/65** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**(87)** WO2018/108101  
**(31)** 201611148362.0 **(32)** 13.12.16 **(33)** CN  
**(43)** 21.06.2018  
**(44)** 25.03.2021  
**(72)** Chen, Minhua; Zhang, Yanfeng; Zou, Po; Wang, Jinqiu; Zhang, Xiaoyu  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CureVac AG  
**(11)** AU-B-2019226125  
**(21)** 2019226125 **(22)** 02.09.2019  
**(54)** Composition and vaccine for treating lung cancer  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**(43)** 26.09.2019  
**(44)** 25.03.2021  
**(62)** 2014310932  
**(72)** Kallen, Karl-Josef; Fotin-Mleczek, Mariola; Gnad-Vogt, Ulrike  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Cycleron Therapeutics, Inc.  
**(11)** AU-B-2019203606  
**(21)** 2019203606 **(22)** 22.05.2019  
**(54)** sGC Stimulators  
**(51)** Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
**(43)** 13.06.2019  
**(44)** 25.03.2021  
**(62)** 2014227862  
**(72)** Nakai, Takashi; Moore, Joel; Perl, Nicholas Robert; Iyengar, Rajesh R.; Mermerian, Ara; Im, G-Yoon Jamie; Lee, Thomas Wai-Ho; Hudson, Colleen; Rennie, Glen Robert; Jia, Lei; Renhowe, Paul Allen; Barden, Timothy

Claude; Yu, Xiang Y.; Sheppeck, James Edward; Iyer, Karthik; Jung, Joon; Milne, George Todd; Long, Kimberly-Kafadar; Currie, Mark G.  
**(74)** Griffith Hack

**(71)** Daikin Industries, Ltd.  
**(11)** AU-B-2018343760  
**(21)** 2018343760 **(22)** 11.09.2018  
**(54)** Hydroelectric system  
**(51)** Int. Cl.  
**F03B 15/04** ( 2006.01 )  
**H02P 9/04** ( 2006.01 )  
**(87)** WO2019/065217  
**(31)** 2017-189999 **(32)** 29.09.17 **(33)** JP  
**(43)** 04.04.2019  
**(44)** 25.03.2021  
**(72)** ABE Takahiro; SUHARA Atsushi; HARADA Yoshiyuki; SAKAMOTO Tomomi; IRINO Yusuke  
**(74)** Spruson & Ferguson

**(71)** Dainichiseika Color & Chemicals MFG. Co., Ltd.  
**(11)** AU-B-2018239715  
**(21)** 2018239715 **(22)** 26.03.2018  
**(54)** PRODUCTION METHOD FOR POLYMER  
**(51)** Int. Cl.  
**C08F 4/00** ( 2006.01 )  
**C08F 265/06** ( 2006.01 )  
**(87)** WO2018/174297  
**(31)** 2017-058553 **(32)** 24.03.17 **(33)** JP  
**(43)** 27.09.2018  
**(44)** 25.03.2021  
**(72)** Shimanaka, Hiroyuki; Murakami, Yoshikazu  
**(74)** Spruson & Ferguson

**(71)** Dalian University of Technology  
**(11)** AU-B-2020220065  
**(21)** 2020220065 **(22)** 19.03.2020  
**(54)** Novel preparation method for 4-thiocyanato-1,4,5-fully Substituted-1,2,3-triazoles  
**(51)** Int. Cl.  
**C07D 249/18** ( 2006.01 )  
**(31)** 201911064423.9 **(32)** 04.11.19 **(33)** CN  
**(43)** 25.03.2021  
**(44)** 25.03.2021  
**(72)** ZHENG, Nan; SONG, Wangze; LI, Ming; ZHENG, Yubin  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2015360903  
**(21)** 2015360903 **(22)** 07.12.2015  
**(54)** Methods for upregulating immune responses using combinations of anti-RGMB and anti-PD-1 agents  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(87)** WO2016/094273  
**(31)** 62/088,855 **(32)** 08.12.14 **(33)** US

**(43)** 16.06.2016  
**(44)** 25.03.2021  
**(72)** Freeman, Gordon J.; Xiao, Yanping  
**(74)** FB Rice Pty Ltd

**(71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2016243529  
**(21)** 2016243529 **(22)** 25.03.2016  
**(54)** Inhibitors of cyclin-dependent kinases  
**(51)** Int. Cl.  
**C07D 473/16** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61K 31/535** ( 2006.01 )  
**(87)** WO2016/160617  
**(31)** 62/139,352 **(32)** 27.03.15 **(33)** US  
**(43)** 06.10.2016  
**(44)** 25.03.2021  
**(72)** Gray, Nathanael S.; Zhang, Tinghu; Kwiatkowski, Nicholas Paul  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Deere & Company  
**(11)** AU-B-2016203543  
**(21)** 2016203543 **(22)** 30.05.2016  
**(54)** Module wrap guide arrangement  
**(51)** Int. Cl.  
**B65D 65/02** ( 2006.01 )  
**A01D 46/08** ( 2006.01 )  
**A01D 57/20** ( 2006.01 )  
**A01F 15/00** ( 2006.01 )  
**A01F 15/07** ( 2006.01 )  
**B65B 11/10** ( 2006.01 )  
**(31)** 14/729,971 **(32)** 03.06.15 **(33)** US  
**(43)** 22.12.2016  
**(44)** 25.03.2021  
**(72)** Hummel, Justin E.; Goering, Kevin J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** DEKA Products Limited Partnership  
**(11)** AU-B-2019226218  
**(21)** 2019226218 **(22)** 06.09.2019  
**(54)** BLOOD TREATMENT SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**A61M 1/16** ( 2006.01 )  
**A61M 1/14** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
**(43)** 26.09.2019  
**(44)** 25.03.2021  
**(62)** 2017261453  
**(72)** Ballantyne, Todd Andrew; Grant, Kevin L.; Wilt, Michael J.; Van der Merwe, Dirk; Rosse, Jonathan P.; Flynn, Catharine N.; Yee, Brian K.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** De Staat der Nederlanden, vert. door de minister van VWS, Ministerie van Volksgezondheid, Welzijn en Sport  
**(11)** AU-B-2017211975  
**(21)** 2017211975 **(22)** 27.01.2017  
**(54)** Modified tetra-acylated neisserial LPS

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**C07H 15/06** ( 2006.01 )  
**A61K 31/7024** ( 2006.01 )  
**A61K 31/715** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
(87) WO2017/129752  
(31) 2016169 (32) 28.01.16 (33) NL  
(43) 03.08.2017  
(44) 25.03.2021  
(72) Zariri, Afshin; Pupo Escalona, Elder;  
van der Ley, Peter André  
(74) FPA Patent Attorneys Pty Ltd

(71) Deutsches Zentrum Fur Luft- Und  
Raumfahrt e.V.  
(11) AU-B-2016208803  
(21) 2016208803 (22) 08.01.2016  
(54) Parabolic trough collector module,  
parabolic trough collector module unit  
and solar thermal power station  
(51) Int. Cl.  
**F24S 25/63** ( 2018.01 )  
**F24S 23/71** ( 2018.01 )  
**F24S 30/425** ( 2018.01 )  
(87) WO2016/116304  
(31) 20 2015 000 425.3 (32) 23.01.15 (33) DE  
(43) 28.07.2016  
(44) 25.03.2021  
(72) Eickhoff, Martin  
(74) Phillips Ormonde Fitzpatrick

(71) Dexcom, Inc.  
(11) AU-B-2019202148  
(21) 2019202148 (22) 28.03.2019  
(54) System and method for mode switching  
(51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
(43) 18.04.2019  
(44) 25.03.2021  
(62) 2015320803  
(72) Bowman, Leif N.; Bhavaraju, Naresh C.;  
Bloom, Michael A.; Carlton, Alexandra  
Lynn; Koehler, Katherine Yerre; Ham-  
papuram, Hari; Jepson, Lauren Hruby;  
Hughes, Jonathan; Kamath, Apurv Ul-  
las; Davis, Anna Leigh; Simpson, Peter  
C.; Vanslyke, Stephen J.  
(74) FB Rice Pty Ltd

(71) DexCom, Inc.  
(11) AU-B-2017388066  
(21) 2017388066 (22) 22.12.2017  
(54) Systems and methods for patient moni-  
toring using an HCP - specific device  
(51) Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1473** ( 2006.01 )  
**A61B 5/157** ( 2006.01 )  
(87) WO2018/125841  
(31) 62/439,342 (32) 27.12.16 (33) US  
(43) 05.07.2018  
(44) 25.03.2021  
(72) Belliveau, Scott M.; Bhavaraju, Naresh  
C.; Chum Dew, Darin Edward; Cohen,  
Eric; Davis, Anna Leigh; Dervaes, Mark;  
Dunn, Laura J.; Grucela, Minda Mc-  
Dorman; Hampapuram, Hari; Johnson,  
Matthew Lawrence; Kamath, Apurv Ul-

las; King, Steven David; Koehler, Kath-  
erine Yerre; Mandapaka, Aditya Sagar;  
McDaniel, Zebediah L.; Mikami, Sum-  
itaka; Pai, Subrai Girish; Pellouchoud,  
Philip Mansiel; Reichert, Stephen Alan;  
Reihman, Eli; Simpson, Peter C.; Smith,  
Brian Christopher; Vanslyke, Stephen  
J.; Van Tassel, Robert Patrick; Wightlin,  
Matthew D.; Yang, Richard C.; Amidei,  
James Stephen; DeRenzy, David;  
West, Benjamin Elrod; Crabtree, Vin-  
cent; Moore, Michael Levozier; Bur-  
nette, Douglas William; Constantin, Al-  
exandra Elena; Polytaridis, Nicholas;  
Cambra, Dana Charles; Sharma, Ab-  
hishek; Braun, Kho; McBride, Patrick  
Wile  
(74) FB Rice Pty Ltd

(71) Dittrich, K.  
(11) AU-B-2016292467  
(21) 2016292467 (22) 12.07.2016  
(54) Charging station for telecommunica-  
tions devices and electronic clocks  
(51) Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**H04M 1/04** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
(87) WO2017/008786  
(31) 20 2015 103 714.7 (32) 15.07.15 (33) DE  
20 2016 101 967.2 14.04.16 DE  
(43) 19.01.2017  
(44) 25.03.2021  
(72) Dittrich, Klemens  
(74) Phillips Ormonde Fitzpatrick

(71) Dorf Ketal Chemicals FZE  
(11) AU-B-2019213705  
(21) 2019213705 (22) 23.01.2019  
(54) Performance enhancing additive for fuel  
composition, and method of use thereof  
(51) Int. Cl.  
**C10L 1/22** ( 2006.01 )  
(87) WO2019/150231  
(31) 201821003542 (32) 30.01.18 (33) IN  
(43) 08.08.2019  
(44) 25.03.2021  
(72) SUBRAMANIYAM, Mahesh  
(74) FB Rice Pty Ltd

(71) Dose Medical Corporation  
(11) AU-B-2019201946  
(21) 2019201946 (22) 20.03.2019  
(54) Implants with controlled drug delivery  
features and methods of using same  
(51) Int. Cl.  
**A61F 9/00** ( 2006.01 )  
(43) 11.04.2019  
(44) 25.03.2021  
(62) 2014237278  
(72) Haffner, David S.; Burns, Thomas W.;  
Heitzmann, Harold A.; Curry, Kenneth  
M.  
(74) Davies Collison Cave Pty Ltd

(71) DOTS Technology Corp.  
(11) AU-B-2017234548

(21) 2017234548 (22) 10.03.2017  
(54) Systems and methods for allergen de-  
tection  
(51) Int. Cl.  
**G01N 33/02** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
(87) WO2017/160616  
(31) 62/308,376 (32) 15.03.16 (33) US  
62/308,377 15.03.16 US  
(43) 21.09.2017  
(44) 25.03.2021  
(72) Gilboa-Geffen, Adi; Brown, Renuka  
Babu; Stidham, Sarah; Villareal, Valer-  
ie; Young, Adam J.; Anthony, Joshua  
Glenn; Murphy, Patrick; Kepler, John  
H.; Jacobs, Adam  
(74) Griffith Hack

(71) Dow AgroSciences, LLC  
(11) AU-B-2019253885  
(21) 2019253885 (22) 25.10.2019  
(54) Compounds derived from herbicidal  
carboxylic acids and tetraalkylammoni-  
um or (arylalkyl) trialkylammonium hy-  
drides  
(51) Int. Cl.  
**C07C 59/68** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**A01N 37/40** ( 2006.01 )  
**A01N 39/02** ( 2006.01 )  
**A01N 39/04** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
(43) 14.11.2019  
(44) 25.03.2021  
(62) 2017261483  
(72) Kramer, Vincent J.; Ouse, David G.;  
Pearson, Norman R.; Tank, Holger;  
Zettler, Mark W.  
(74) FPA Patent Attorneys Pty Ltd

**Dow Global Technologies LLC see Rohm  
and Haas Company**  
(21) 2017293355

(71) Drilling Info, Inc.  
(11) AU-B-2018237196  
(21) 2018237196 (22) 22.03.2018  
(54) Extracting data from electronic docu-  
ments  
(51) Int. Cl.  
**G06F 40/10** ( 2020.01 )  
**G06K 9/00** ( 2006.01 )  
(87) WO2018/175686  
(31) 62/474,978 (32) 22.03.17 (33) US  
(43) 27.09.2018  
(44) 25.03.2021  
(72) Davis, Chris Randy Larsen; Lai, Yen-  
ming Mark  
(74) RnB IP Pty Ltd

(71) Duke University  
(11) AU-B-2019201763  
(21) 2019201763 (22) 14.03.2019

Applications Accepted - Name Index cont'd

(54) DEVICES, SYSTEMS AND METHODS FOR DEEP BRAIN STIMULATION PARAMETERS  
 (51) Int. Cl.  
**A61B 5/246** ( 2021.01 )  
**A61N 1/36** ( 2006.01 )  
 (43) 04.04.2019  
 (44) 25.03.2021  
 (62) 2014268697  
 (72) Grill, Warren M.; Brocker, David T.; Kent, Alexander R.  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

---

(71) DYWIDAG-Systems International Pty Limited  
 (11) AU-B-2019202781  
 (21) 2019202781 (22) 18.04.2019  
 (54) Friction bolt assembly  
 (51) Int. Cl.  
**E21D 21/00** ( 2006.01 )  
**E21D 20/00** ( 2006.01 )  
**F16B 13/00** ( 2006.01 )  
 (43) 16.05.2019  
 (44) 25.03.2021  
 (62) 2016202822  
 (72) Evans, David William  
 (74) Spruson & Ferguson

---

(71) EA Pharma Co., Ltd.  
 (11) AU-B-2017213993  
 (21) 2017213993 (22) 03.02.2017  
 (54) Heterocyclic sulfonamide derivative and medicine containing same  
 (51) Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**A61P 1/18** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 11/08** ( 2006.01 )  
**A61P 11/14** ( 2006.01 )  
**A61P 17/04** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
 (87) WO2017/135462  
 (31) 2016-021358 (32) 05.02.16 (33) JP  
 (43) 10.08.2017  
 (44) 25.03.2021  
 (72) Kobayashi, Kaori; Suzuki, Tamotsu; Okuzumi, Tatsuya  
 (74) Griffith Hack

---

(71) East Coast Racing Technologies, Inc.  
 (11) AU-B-2018359395  
 (21) 2018359395 (22) 30.10.2018  
 (54) Track information system  
 (51) Int. Cl.  
**H04W 4/021** ( 2018.01 )

**G08G 1/00** ( 2006.01 )  
**H04W 4/02** ( 2018.01 )  
**H04W 4/44** ( 2018.01 )  
 (87) WO2019/089633  
 (31) 62/579,788 (32) 31.10.17 (33) US  
 (43) 09.05.2019  
 (44) 25.03.2021  
 (72) EASTLING, Matthew Blaine; STEPHENS, Glenn Alan; SURLES, Andre Philippe; VINSOON, Joseph Wayne  
 (74) FB Rice Pty Ltd

---

(71) Ecolab USA Inc.  
 (11) AU-B-2014405583  
 (21) 2014405583 (22) 05.09.2014  
 (54) Oxoanion concentration determination using aluminum reagents  
 (51) Int. Cl.  
**G01N 21/77** ( 2006.01 )  
 (87) WO2016/036389  
 (43) 10.03.2016  
 (44) 25.03.2021  
 (72) Ergang, Nicholas S.; Davis, Ronald V.  
 (74) Shelston IP Pty Ltd.

---

(71) Eddy Current Limited Partnership  
 (11) AU-B-2019201311  
 (21) 2019201311 (22) 26.02.2019  
 (54) An Assembly to Control or Govern Relative Speed of Movement Between Parts  
 (51) Int. Cl.  
**H02K 49/04** ( 2006.01 )  
**H02K 49/02** ( 2006.01 )  
 (43) 14.03.2019  
 (44) 25.03.2021  
 (62) 2014367356  
 (72) Diehl, Andrew Karl; Wright, Kevin A.  
 (74) CreatelP

---

(71) E-Flux, LLC  
 (11) AU-B-2016253137  
 (21) 2016253137 (22) 25.04.2016  
 (54) Establishment of contaminant degradation rates in soils using temperature gradients, associated methods, systems and devices  
 (51) Int. Cl.  
**E21B 47/06** ( 2006.01 )  
**G01K 3/10** ( 2006.01 )  
**G01K 17/08** ( 2006.01 )  
**G05B 19/404** ( 2006.01 )  
**G05D 23/30** ( 2006.01 )  
 (87) WO2016/172714  
 (31) 62/151,564 (32) 23.04.15 (33) US  
 (43) 27.10.2016  
 (44) 25.03.2021  
 (72) Zimbron, Julio  
 (74) Davies Collison Cave Pty Ltd

---

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2015294245  
 (21) 2015294245 (22) 24.06.2015  
 (54) Oven door and oven comprising an oven door  
 (51) Int. Cl.  
**G02B 6/00** ( 2006.01 )

**F21V 33/00** ( 2006.01 )  
**F24C 7/08** ( 2006.01 )  
**F24C 15/04** ( 2006.01 )  
 (87) WO2016/012177  
 (31) 14178551.9 (32) 25.07.14 (33) EP  
 14179643.3 04.08.14 EP  
 (43) 28.01.2016  
 (44) 25.03.2021  
 (72) Hildner, Dietmar; Ivanovic, Branko; Kaser, Erhard; Aguilar, Antonio; Borjesson, Morgan; Riviere, Mathieu  
 (74) Halfords IP

---

(71) Eli Lilly and Company  
 (11) AU-B-2018321269  
 (21) 2018321269 (22) 14.08.2018  
 (54) Medication delivery device with sensing system  
 (51) Int. Cl.  
**A61M 5/315** ( 2006.01 )  
 (87) WO2019/040313  
 (31) 62/547,928 (32) 21.08.17 (33) US  
 62/676,576 25.05.18 US  
 (43) 28.02.2019  
 (44) 25.03.2021  
 (72) BYERLY, Roy Howard; NELSEN, Daniel Joseph; PERKINS, Russell Wayne; USCHOLD, Robert Charles  
 (74) WRAYS PTY LTD

---

(71) Emulate, Inc.  
 (11) AU-B-2017367003  
 (21) 2017367003 (22) 21.11.2017  
 (54) In vitro gastrointestinal model comprising lamina propria-derived cells  
 (51) Int. Cl.  
**C12N 5/02** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 5/074** ( 2010.01 )  
**C12N 5/0789** ( 2010.01 )  
 (87) WO2018/102202  
 (31) 62/429,436 (32) 02.12.16 (33) US  
 (43) 07.06.2018  
 (44) 25.03.2021  
 (72) Kerns, S. Jordan; Obrigewitch, Jenifer; Salmon, Michael; Kasendra, Magdalena  
 (74) Spruson & Ferguson

---

(71) eTeam Software Pty Ltd  
 (11) AU-B-2019204357  
 (21) 2019204357 (22) 20.06.2019  
 (54) A SYSTEM AND METHOD FOR CERTIFYING INFORMATION  
 (51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
 (43) 11.07.2019  
 (44) 25.03.2021  
 (62) 2014339750  
 (72) CHAZAN, Mark Mervyn; KONTOROVICH, Michael  
 (74) Griffith Hack

---

(71) Ethicon, Inc.  
 (11) AU-B-2016307942  
 (21) 2016307942 (22) 11.08.2016



Applications Accepted - Name Index cont'd

- (54) Method of treating a disease using a glycolytic dependent compound  
 (51) Int. Cl.  
**A61L 15/28** ( 2006.01 )  
**A61K 31/704** ( 2006.01 )  
**A61K 31/717** ( 2006.01 )  
**A61L 15/60** ( 2006.01 )  
**A61L 15/64** ( 2006.01 )  
**A61L 24/00** ( 2006.01 )  
**A61L 24/08** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2017/030908  
 (31) 62/205,031 (32) 14.08.15 (33) US  
 (43) 23.02.2017  
 (44) 25.03.2021  
 (72) Galloway, James  
 (74) Spruson & Ferguson
- 
- (71) Evapco, Inc.  
 (11) AU-B-2015371632  
 (21) 2015371632 (22) 23.12.2015  
 (54) Bi-directional fill for use in cooling towers  
 (51) Int. Cl.  
**F28F 25/08** ( 2006.01 )  
 (87) WO2016/105456  
 (31) 62/148,969 (32) 17.04.15 (33) US  
 62/096,194 23.12.14 US  
 (43) 30.06.2016  
 (44) 25.03.2021  
 (72) Vadder, Davey J.; Ferrari, Sarah L.; Lane, John W.; Libert, Jean-pierre; Bugler, Thomas W.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Evogene Ltd.  
 (11) AU-B-2015265412  
 (21) 2015265412 (22) 27.05.2015  
 (54) Isolated polynucleotides, polypeptides and methods of using same for increasing abiotic stress tolerance, biomass and yield of plants  
 (51) Int. Cl.  
**A01H 5/10** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
 (87) WO2015/181823  
 (31) 62/075,940 (32) 06.11.14 (33) US  
 62/003,599 28.05.14 US  
 (43) 03.12.2015  
 (44) 25.03.2021  
 (72) Dangoor, Inbal Nurith; Ofir-Birin, Yifat Louba; Brog, Yaacov Micha; Vinocur, Basia Judith; Karchi, Hagai  
 (74) Spruson & Ferguson
- 
- (71) F. Hoffmann-La Roche AG  
 (11) AU-B-2018274579  
 (21) 2018274579 (22) 22.05.2018  
 (54) Process for GalNAc oligonucleotide conjugates  
 (51) Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**C07H 1/00** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
 (87) WO2018/215391
- 
- (31) PCT/  
 EP2017/062318  
 (43) 29.11.2018  
 (44) 25.03.2021  
 (72) Breitler, Simon; Lill, Joerg; Puentener, Kurt; Trussardi, René  
 (74) Griffith Hack
- 
- (71) F. Hoffmann-La Roche AG  
 (11) AU-B-2018311202  
 (21) 2018311202 (22) 03.08.2018  
 (54) Ambulatory infusion device drive control and blockage detection  
 (51) Int. Cl.  
**H02P 8/34** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
 (87) WO2019/025591  
 (31) 17184773.4 (32) 03.08.17 (33) EP  
 (43) 07.02.2019  
 (44) 25.03.2021  
 (72) POETSCHKE, Markus  
 (74) Spruson & Ferguson
- 
- (71) F. Hoffmann-La Roche AG  
 (11) AU-B-2018337597  
 (21) 2018337597 (22) 19.09.2018  
 (54) Process for the preparation of 7-(4,7-diazaspiro[2.5]octan-7-yl)-2-(2,8-dimethylimidazo[1,2-b]pyridazin-6-yl)pyrido[1,2-a]pyrimidin-4-one derivatives  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
 (87) WO2019/057740  
 (31) 17192711.4 (32) 22.09.17 (33) EP  
 (43) 28.03.2019  
 (44) 25.03.2021  
 (72) ADAM, Jean-Michel; FANTASIA, Serena Maria; FISHLOCK, Daniel Vincent; HOFFMANN-EMERY, Fabienne; MOINE, Gerard; PFLEGER, Christophe; MOESSNER, Christian  
 (74) Spruson & Ferguson
- 
- (71) Fergusson's Advanced Composite Technology Limited  
 (11) AU-B-2016275292  
 (21) 2016275292 (22) 10.06.2016  
 (54) A composite sandwich structure  
 (51) Int. Cl.  
**B29C 70/66** ( 2006.01 )  
**B32B 3/12** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 5/12** ( 2006.01 )  
**B32B 5/14** ( 2006.01 )  
**B32B 5/18** ( 2006.01 )  
**B32B 5/24** ( 2006.01 )  
**B32B 5/28** ( 2006.01 )  
**B32B 7/04** ( 2006.01 )  
**B32B 27/04** ( 2006.01 )  
**B32B 27/38** ( 2006.01 )  
**B62D 25/20** ( 2006.01 )  
**E04C 2/20** ( 2006.01 )  
**E04C 2/24** ( 2006.01 )  
**B32B 37/00** ( 2006.01 )  
 (87) WO2016/198884  
 (31) 1510082.9 (32) 10.06.15 (33) GB
- 
- (43) 15.12.2016  
 (44) 25.03.2021  
 (72) Fergusson, Alexander Douglas; Newman, Alexander George; Mayall, Adam Paul Leon; Balev, Teodor Boykov; Casey, Jonathan Philip; Wang, Tong; Di Guisto, Marc-Antoine Lormel  
 (74) FB Rice Pty Ltd
- 
- (71) FERNO-WASHINGTON, INC.  
 (11) AU-B-2019232798  
 (21) 2019232798 (22) 17.09.2019  
 (54) Equipment mounting system  
 (51) Int. Cl.  
**A61G 3/08** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
 (43) 10.10.2019  
 (44) 25.03.2021  
 (62) 2018202687  
 (72) CHINN, Robert; SCHROEDER, Timothy Paul; WEST, James C.; SMOLAN, Peter; VACULA, Michal; TUREK, Ladislav  
 (74) Griffith Hack
- 
- (71) Ferroval Agroman, S.A.; Grupo Rodio Kronsa, S.L.  
 (11) AU-B-2016210092  
 (21) 2016210092 (22) 22.01.2016  
 (54) Cementation pile, method for injecting said pile and method for manufacturing same  
 (51) Int. Cl.  
**E02D 5/24** ( 2006.01 )  
**E02D 5/62** ( 2006.01 )  
 (87) WO2016/116653  
 (31) P201530091 (32) 23.01.15 (33) ES  
 (43) 28.07.2016  
 (44) 25.03.2021  
 (72) Ruiz Terán, Pablo; Arcos Álvarez, José Luis; Gil Lablanca, Rafael; Cano Barreiro, Carlos  
 (74) Spruson & Ferguson
- 
- (71) Ferton Holding S.A.  
 (11) AU-B-2018209810  
 (21) 2018209810 (22) 03.04.2018  
 (54) Powder for cleaning an internal body part and/or an implant, method for producing said type of powder and suitable uses  
 (51) Int. Cl.  
**A61K 8/02** ( 2006.01 )  
**A61K 8/60** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
 (87) WO2018/134446  
 (31) 10 2017 107 124.5 (32) 03.04.17 (33) DE  
 (43) 26.07.2018  
 (44) 25.03.2021  
 (72) Donnet, Marcel  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-B-2015230787  
 (21) 2015230787 (22) 24.09.2015

Applications Accepted - Name Index cont'd

(54) METHODS AND APPARATUS FOR HIGH GAS FLOW  
 (51) Int. Cl.  
*A61M 16/10* ( 2006.01 )  
 (31) 62/140,727 (32) 31.03.15 (33) US  
 62/140,598 31.03.15 US  
 (43) 20.10.2016  
 (44) 25.03.2021  
 (72) WHITE, Craig Karl; EVANS, Alicia Jeram Hunter; PAYTON, Matthew Jon; KEOGH, Geraldine; CONNOLLY, Nick; PATEL, Anil; NOURAEI, Reza  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-B-2018247230  
 (21) 2018247230 (22) 10.10.2018  
 (54) MEDICAL TUBES AND METHODS OF MANUFACTURE

(51) Int. Cl.  
*A61M 16/08* ( 2006.01 )  
 (43) 01.11.2018  
 (44) 25.03.2021  
 (62) 2013356788  
 (72) Stoks, Elmo Benson; North, Charles Christopher; Sujau, Mahran Maumoon; Stroobant, Josh; Millar, Gavin Walsh; Buswell, Matthew Liam; Al-Tiay, Ibrahim; McCauley, David Leon; van Schalkwyk, Andre; Munkelt, Katja; Wilson, Matthew Robert; Oosthuysen, Helgard; Amadio, Christopher Jaye Norman; Patel, Sanjay Unka; D'Andrea, Dominique Richard; Dover, Grant Martin; Barker, Dean Antony; Harwood, Jonathan David  
 (74) AJ PARK

(71) Fisher and Paykel Healthcare Limited  
 (11) AU-B-2016266994  
 (21) 2016266994 (22) 27.05.2016  
 (54) Gas therapy system  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
 (87) WO2016/189499  
 (31) 62/167,821 (32) 28.05.15 (33) US  
 (43) 01.12.2016  
 (44) 25.03.2021  
 (72) Malla, Amol Man  
 (74) AJ PARK

(71) Flow Control LLC.  
 (11) AU-B-2019203247  
 (21) 2019203247 (22) 09.05.2019  
 (54) Diaphragm pump utilizing duckbill valves, multi-directional ports and flexible electrical connectivity  
 (51) Int. Cl.  
*F04B 43/02* ( 2006.01 )  
 (43) 30.05.2019  
 (44) 25.03.2021  
 (62) 2015277372  
 (72) Meza, Humberto V.; Tran, Derrick T.; Perkins, Bernard L.  
 (74) Shelston IP Pty Ltd.

Fondazione Telethon see University of Iowa Research Foundation  
 (21) 2016219789

(71) Ford Global Technologies, LLC  
 (11) AU-B-2016247094  
 (21) 2016247094 (22) 19.10.2016  
 (54) A RETAINING CLIP FOR A DOOR ASSEMBLY  
 (51) Int. Cl.  
*F16B 5/06* ( 2006.01 )  
 (31) 14/922,697 (32) 26.10.15 (33) US  
 (43) 11.05.2017  
 (44) 25.03.2021  
 (72) Saigal, Vikas; Neumann, Michael  
 (74) WRAYS PTY LTD

(71) FREEZIO AG  
 (11) AU-B-2019201569  
 (21) 2019201569 (22) 07.03.2019  
 (54) System, cartridge, beverage preparation unit and method for producing a beverage  
 (51) Int. Cl.  
*B67D 1/04* ( 2006.01 )  
*A47J 31/41* ( 2006.01 )  
*A47J 31/44* ( 2006.01 )  
*B65D 35/30* ( 2006.01 )  
*B67D 1/00* ( 2006.01 )  
*B67D 7/02* ( 2010.01 )  
 (43) 28.03.2019  
 (44) 25.03.2021  
 (62) 2017207771  
 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-B-2019201570  
 (21) 2019201570 (22) 07.03.2019  
 (54) System, cartridge, beverage preparation unit and method for producing a beverage  
 (51) Int. Cl.  
*B67D 1/04* ( 2006.01 )  
*A47J 31/40* ( 2006.01 )  
*A47J 31/44* ( 2006.01 )  
*B65D 35/28* ( 2006.01 )  
*B67D 1/00* ( 2006.01 )  
*B67D 7/02* ( 2010.01 )  
 (43) 28.03.2019  
 (44) 25.03.2021  
 (62) 2017207771  
 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-B-2019201571  
 (21) 2019201571 (22) 07.03.2019  
 (54) System, cartridge, beverage preparation unit and method for producing a beverage  
 (51) Int. Cl.  
*A47J 31/44* ( 2006.01 )  
*A47J 31/40* ( 2006.01 )  
*B67D 1/00* ( 2006.01 )

*B67D 1/04* ( 2006.01 )  
*B67D 7/02* ( 2010.01 )  
 (43) 28.03.2019  
 (44) 25.03.2021  
 (62) 2017207771  
 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-B-2019201574  
 (21) 2019201574 (22) 07.03.2019  
 (54) System, cartridge, beverage preparation unit and method for producing a beverage  
 (51) Int. Cl.  
*A47J 31/44* ( 2006.01 )  
*A47J 31/40* ( 2006.01 )  
*B67D 1/00* ( 2006.01 )  
*B67D 1/04* ( 2006.01 )  
*B67D 7/02* ( 2010.01 )  
 (43) 28.03.2019  
 (44) 25.03.2021  
 (62) 2017207771  
 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) Fresenius Medical Care Holdings, Inc.  
 (11) AU-B-2016362897  
 (21) 2016362897 (22) 13.10.2016  
 (54) Medical wetness sensing devices and related systems  
 (51) Int. Cl.  
*A61B 5/02* ( 2006.01 )  
*A61F 13/00* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )  
*A61M 5/168* ( 2006.01 )  
*A61M 5/50* ( 2006.01 )  
*G01N 27/12* ( 2006.01 )  
 (87) WO2017/095533  
 (31) 14/886,427 (32) 19.10.15 (33) US  
 (43) 08.06.2017  
 (44) 25.03.2021  
 (72) Schmidt, Daniel; Alber, Elliott; Weaver, Colin  
 (74) Davies Collison Cave Pty Ltd

(71) Fujitsu General Limited  
 (11) AU-B-2018293858  
 (21) 2018293858 (22) 28.03.2018  
 (54) Air-conditioning device  
 (51) Int. Cl.  
*F25B 49/02* ( 2006.01 )  
*F25B 1/00* ( 2006.01 )  
 (87) WO2019/003532  
 (31) 2017-128449 (32) 30.06.17 (33) JP  
 (43) 03.01.2019  
 (44) 25.03.2021  
 (72) Sanada, Shintaro; Itakura, Shunji; Hiro-saki, Yu  
 (74) Shelston IP Pty Ltd.

Furukawa Electric Co., Ltd. see National University Corporation Hokkaido University  
 (21) 2018276617

Applications Accepted - Name Index cont'd

**Gabizon, A. see Lipomedix Pharmaceuticals Ltd.**

(21) 2016233143

(71) Gao, X.

(11) AU-B-2018299361

(21) 2018299361 (22) 01.02.2018

(54) Deformable walking stick

(51) Int. Cl.

**A45B 5/00** ( 2006.01 )

**A45B 9/00** ( 2006.01 )

(87) WO2019/010963

(31) 201720840005.4 (32) 11.07.17 (33) CN

(43) 17.01.2019

(44) 25.03.2021

(72) GAO, Xiaohui

(74) Shelston IP Pty Ltd.

(71) GC Corporation

(11) AU-B-2018409528

(21) 2018409528 (22) 24.10.2018

(54) Dental gypsum powder

(51) Int. Cl.

**A61C 13/34** ( 2006.01 )

**A61K 6/00** ( 2006.01 )

(87) WO2019/159438

(31) 2018-025667 (32) 16.02.18 (33) JP

(43) 22.08.2019

(44) 25.03.2021

(72) MORI, Daizaburo; KOJIMA, Kenji;

YOSHINAGA, Masatoshi

(74) Spruson & Ferguson

(71) Geistlich Pharma AG

(11) AU-B-2019261702

(21) 2019261702 (22) 05.11.2019

(54) Processes For Preparing Oxathiazin-Like Compounds

(51) Int. Cl.

**C07D 291/06** ( 2006.01 )

**A61K 31/553** ( 2006.01 )

**A61P 35/00** ( 2006.01 )

(43) 28.11.2019

(44) 25.03.2021

(62) 2015365348

(72) Pfirrmann, Rolf W.

(74) WRAYS PTY LTD

(71) Genentech, Inc.

(11) AU-B-2015318001

(21) 2015318001 (22) 15.09.2015

(54) Antibody formulations

(51) Int. Cl.

**C07K 16/22** ( 2006.01 )

**A61K 39/395** ( 2006.01 )

(87) WO2016/044334

(31) 62/050,739 (32) 15.09.14 (33) US

(43) 24.03.2016

(44) 25.03.2021

(72) Le, Lan; Connolly, Brian

(74) Griffith Hack

(71) General Electric Company

(11) AU-B-2018237279

(21) 2018237279 (22) 08.02.2018

(54) Predictive integrity analysis

(51) Int. Cl.

**G05B 23/02** ( 2006.01 )

**G06F 3/048** ( 2013.01 )

(87) WO2018/175007

(31) 62/474,460 (32) 21.03.17 (33) US

15/870,304

12.01.18 US

(43) 27.09.2018

(44) 25.03.2021

(72) Sutherland, Jeffrey Earle

(74) FPA Patent Attorneys Pty Ltd

(71) General Electric Company

(11) AU-B-2018347543

(21) 2018347543 (22) 12.10.2018

(54) Temperature control for energy storage system

(51) Int. Cl.

**H02J 7/00** ( 2006.01 )

(87) WO2019/075293

(31) 62/576,880 (32) 25.10.17 (33) US

62/571,324

12.10.17 US

62/587,015

16.11.17 US

(43) 18.04.2019

(44) 25.03.2021

(72) BROWN, Keith Garrette; WANG, Hong-

gang; WADDELL, Alistair Martin

(74) Phillips Ormonde Fitzpatrick

(71) General Electric Company

(11) AU-B-2018347544

(21) 2018347544 (22) 12.10.2018

(54) Temperature control for energy storage system

(51) Int. Cl.

**H02J 7/00** ( 2006.01 )

(87) WO2019/075294

(31) 62/571,324 (32) 12.10.17 (33) US

62/587,015

16.11.17 US

62/576,880

25.10.17 US

(43) 18.04.2019

(44) 25.03.2021

(72) WANG, Honggang; BROWN, Keith

Garrette; WADDELL, Alistair Martin;

TEICHMANN, Ralph

(74) Phillips Ormonde Fitzpatrick

(71) Genomatica, Inc.

(11) AU-B-2018204702

(21) 2018204702 (22) 28.06.2018

(54) MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF ADIPATE, HEXAMETHYLENEDIAMINE AND 6-AMINOCAPROIC ACID

(51) Int. Cl.

**C12N 1/21** ( 2006.01 )

**C12P 7/44** ( 2006.01 )

**C12P 13/04** ( 2006.01 )

(43) 19.07.2018

(44) 25.03.2021

(62) 2016201560

(72) Burk, Mark J.; Burgard, Anthony P.; Osterhout, Robin E.; Pharkya, Priti

(74) HENRY HUGHES IP LTD

(71) Gentex Corporation

(11) AU-B-2016368571

(21) 2016368571 (22) 09.12.2016

(54) IR transmitting coating for electro-optic element

(51) Int. Cl.

**G02F 1/15** ( 2006.01 )

(87) WO2017/100495

(31) 62/266,065 (32) 11.12.15 (33) US

(43) 15.06.2017

(44) 25.03.2021

(72) Gao, Jian; Weller, Andrew D.; Neuman, George A.

(74) Spruson & Ferguson

(71) Genzyme Corporation

(11) AU-B-2016297558

(21) 2016297558 (22) 19.07.2016

(54) Colony stimulating factor-1 receptor (CSF-1R) inhibitors

(51) Int. Cl.

**C07D 405/04** ( 2006.01 )

**C07D 405/06** ( 2006.01 )

**C07D 471/04** ( 2006.01 )

**C07D 487/04** ( 2006.01 )

**C07D 519/00** ( 2006.01 )

(87) WO2017/015267

(31) 62/194,619 (32) 20.07.15 (33) US

(43) 26.01.2017

(44) 25.03.2021

(72) Kane Jr., John L.; Barberis, Claude; Czekaj, Mark; Erdman, Paul; Giese, Barret; Kothe, Michael; Le, Tieu-binh; Liu, Jinyu; Ma, Liang; Metz, Markus; Patel, Vinod; Scholte, Andrew; Shum, Patrick; Wei, Limli

(74) Griffith Hack

(71) Gilead Pharmasset LLC

(11) AU-B-2019222909

(21) 2019222909 (22) 29.08.2019

(54) Inhibitors of Hepatitis C virus

(51) Int. Cl.

**C07D 491/18** ( 2006.01 )

**A61K 31/4995** ( 2006.01 )

**A61P 31/14** ( 2006.01 )

(43) 19.09.2019

(44) 25.03.2021

(62) 2017203984

(72) Bjornson, Kyla; Canales, Eda; Cottell, Jeremy J.; Karki, Kapil Kumar; Katana, Ashley Anne; Kato, Darryl; Kobayashi, Tetsuya; Link, John O.; Martinez, Ruben; Phillips, Barton W.; Pyun, Hyung-jung; Sangi, Michael; Schrier, Adam James; Siegel, Dustin; Taylor, James G.; Tran, Chinh Viet; Martin, Teresa Alejandra Trejo; Vivian, Randall W.; Yang, Zheng-Yu; Zablocki, Jeff; Zipfel, Sheila

(74) FPA Patent Attorneys Pty Ltd

(71) GPB Scientific, LLC; University of Maryland, Baltimore; The Trustees of Princeton University

(11) AU-B-2016311278

(21) 2016311278 (22) 24.08.2016

(54) Methods and devices for multi-step cell purification and concentration

Applications Accepted - Name Index cont'd

- (51) Int. Cl.  
**G06M 11/04** ( 2006.01 )  
**A61K 35/18** ( 2006.01 )  
**B03C 1/02** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**G01N 27/72** ( 2006.01 )  
(87) WO2017/035262  
(31) 62/324,293 (32) 18.04.16 (33) US  
62/337,273 16.05.16 US  
62/233,915 28.09.15 US  
62/274,031 31.12.15 US  
62/209,246 24.08.15 US  
(43) 02.03.2017  
(44) 25.03.2021  
(72) Ward, Anthony; Gandhi, Khushroo;  
Skellely, Alison; Civin, Curt; Sturm,  
James; Aurich, Lee; Grisham, Michael;  
D'Silva, Joseph; Campos-Gonzalez,  
Roberto  
(74) Spruson & Ferguson
- 
- (71) GREENSPOON, A.  
(11) AU-B-2020257071  
(21) 2020257071 (22) 21.10.2020  
(54) NOVEL ORALLY ADMINSTRABLE  
FORMULATION  
(51) Int. Cl.  
**A61K 9/68** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**C07C 39/23** ( 2006.01 )  
**C07D 311/80** ( 2006.01 )  
(43) 19.11.2020  
(44) 25.03.2021  
(62) 2017301239  
(72) GREENSPOON, Allen  
(74) Alder IP Pty Ltd
- 
- (71) Grifols Worldwide Operations Limited  
(11) AU-B-2017251853  
(21) 2017251853 (22) 27.10.2017  
(54) In vitro diagnostic method for  
Alzheimer's disease based on the albu-  
min redox level in the cerebrospinal flu-  
id  
(51) Int. Cl.  
**G01N 33/52** ( 2006.01 )  
(31) 201631468 (32) 16.11.16 (33) ES  
(43) 31.05.2018  
(44) 25.03.2021  
(72) GRANCHA GAMON, Salvador;  
COSTA RIEROLA, Montserrat; ORTIZ  
FERNANDEZ, Ana Maria  
(74) Spruson & Ferguson
- 
- (71) Grifols Worldwide Operations Limited  
(11) AU-B-2019264588  
(21) 2019264588 (22) 13.11.2019  
(54) Method of treatment of Hypoxia indu-  
cible factor (HIF)-related conditions  
(51) Int. Cl.  
**A61K 38/40** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 41/00** ( 2006.01 )  
(43) 05.12.2019
- 
- (44) 25.03.2021  
(62) 2015203264  
(72) Ross, David A.; Crumrine, Ralph Chris-  
tian  
(74) Spruson & Ferguson
- 
- Grupo Rodio Kronsa, S.L. see Ferrovial  
Agroman, S.A.**  
(21) 2016210092
- 
- (71) Guangdong Oppo Mobile Telecommu-  
nications Corp., Ltd.  
(11) AU-B-2018412818  
(21) 2018412818 (22) 19.10.2018  
(54) Multiway switch, radio frequency sys-  
tem, and wireless communication  
device  
(51) Int. Cl.  
**H04B 1/401** ( 2015.01 )  
**H04B 7/06** ( 2006.01 )  
(87) WO2019/174233  
(31) 201810220711.8 (32) 16.03.18 (33) CN  
(43) 19.09.2019  
(44) 25.03.2021  
(72) BAI, Jian  
(74) Shelston IP Pty Ltd.
- 
- (71) Guangdong Oppo Mobile Telecommu-  
nications Corp., Ltd.  
(11) AU-B-2018413427  
(21) 2018413427 (22) 27.11.2018  
(54) Multi-way switch, radio frequency sys-  
tem, and wireless communication  
device  
(51) Int. Cl.  
**H04B 1/00** ( 2006.01 )  
**H04B 1/401** ( 2015.01 )  
**H04B 7/0404** ( 2017.01 )  
(87) WO2019/174303  
(31) 201810220722.6 (32) 16.03.18 (33) CN  
(43) 19.09.2019  
(44) 25.03.2021  
(72) BAI, Jian  
(74) Shelston IP Pty Ltd.
- 
- (71) GUANGDONG OPPO MOBILE TELE-  
COMMUNICATIONS CORP., LTD.  
(11) AU-B-2018407557  
(21) 2018407557 (22) 04.12.2018  
(54) Mobile terminal  
(51) Int. Cl.  
**H04M 1/02** ( 2006.01 )  
(87) WO2019/153858  
(31) 201820236848.8 (32) 09.02.18 (33) CN  
(43) 15.08.2019  
(44) 25.03.2021  
(72) LI, Mingyang; LI, Zhen  
(74) Shelston IP Pty Ltd.
- 
- (71) Guangzhou Xaircraft Technology Co.,  
Ltd  
(11) AU-B-2017376716  
(21) 2017376716 (22) 15.12.2017  
(54) Unmanned aerial vehicle operating  
method and device  
(51) Int. Cl.
- 
- G05D 1/10** ( 2006.01 )  
(87) WO2018/108159  
(31) 201611169759.8 (32) 16.12.16 (33) CN  
(43) 21.06.2018  
(44) 25.03.2021  
(72) Wu, Bin; Peng, Bin  
(74) Shelston IP Pty Ltd.
- 
- (71) Halliburton Energy Services, Inc.  
(11) AU-B-2015408775  
(21) 2015408775 (22) 10.09.2015  
(54) Passive ranging using acoustic energy  
originating from a target wellbore  
(51) Int. Cl.  
**E21B 47/022** ( 2006.01 )  
**G01V 1/40** ( 2006.01 )  
**G01V 1/48** ( 2006.01 )  
(87) WO2017/044103  
(43) 16.03.2017  
(44) 25.03.2021  
(72) Cramm, Carl J.; Cuthbert, Andrew  
John; Hess, Joe Eli  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) HANGZHOU AGS MEDTECH CO.,  
LTD.  
(11) AU-B-2017412462  
(21) 2017412462 (22) 04.05.2017  
(54) End portion execution instrument,  
end portion execution device, delivery  
device, and assembly box  
(51) Int. Cl.  
**A61B 17/08** ( 2006.01 )  
**A61B 17/10** ( 2006.01 )  
**A61B 17/29** ( 2006.01 )  
(87) WO2018/201406  
(43) 08.11.2018  
(44) 25.03.2021  
(72) Han, Mei; Kong, Xiangsen; Shi, Baim-  
ing  
(74) Shelston IP Pty Ltd.
- 
- (71) Hanmi Pharm. Co., Ltd.  
(11) AU-B-2016286804  
(21) 2016286804 (22) 20.06.2016  
(54) Oral solid formulation containing iri-  
notecan and method of preparing the  
same  
(51) Int. Cl.  
**A61K 47/12** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/4745** ( 2006.01 )  
(87) WO2017/003120  
(31) 10-2015-0093413 (32) 30.06.15 (33) KR  
(43) 05.01.2017  
(44) 25.03.2021  
(72) Park, Caleb Hyung Min; Jung, Myeong  
Ki; Kim, Jin Cheul; Kim Il, Yong; Park,  
Jae Hyun; Woo, Jong Soo  
(74) Griffith Hack
- 
- (71) Hefei Hualing Co., Ltd.; Hefei Midea  
Refrigerator Co., Ltd.; Midea Group  
Co., Ltd.  
(11) AU-B-2019299871

Applications Accepted - Name Index cont'd

(21) 2019299871 (22) 03.01.2019  
 (54) REFRIGERATOR  
 (51) Int. Cl.  
*F25C 1/10* ( 2006.01 )  
 (31) 201811437240.2 (32) 28.11.18 (33) CN  
 (43) 11.06.2020  
 (44) 25.03.2021  
 (72) JIA, Ying; SI, Zengqiang; LIU, Dongxi-  
 an; ZHENG, Xuezai; LU, Fei; LI, Yu;  
 WEI, Deming  
 (74) Davies Collison Cave Pty Ltd

(71) Hefei Hualing Co., Ltd.; Hefei Midea  
 Refrigerator Co., Ltd.; Midea Group  
 Co., Ltd.  
 (11) AU-B-2019299872  
 (21) 2019299872 (22) 17.01.2019  
 (54) REFRIGERATOR  
 (51) Int. Cl.  
*F25C 1/10* ( 2006.01 )  
 (31) 201811436035.4 (32) 28.11.18 (33) CN  
 (43) 11.06.2020  
 (44) 25.03.2021  
 (72) JIA, Ying; SI, Zengqiang; LIU, Dongxi-  
 an; ZHENG, Xuezai; LU, Fei; LI, Yu;  
 WEI, Deming  
 (74) Davies Collison Cave Pty Ltd

**Hefei Midea Refrigerator Co., Ltd. see He-  
 fei Hualing Co., Ltd.**  
 (21) 2019299871

**Hefei Midea Refrigerator Co., Ltd. see He-  
 fei Hualing Co., Ltd.**  
 (21) 2019299872

(71) Henkel AG & Co. KGaA  
 (11) AU-B-2016287455  
 (21) 2016287455 (22) 30.06.2016  
 (54) Process for cold bonding rubber on  
 metal substrates  
 (51) Int. Cl.  
*C08J 5/12* ( 2006.01 )  
*B32B 7/12* ( 2006.01 )  
*C09J 5/02* ( 2006.01 )  
*C09J 5/04* ( 2006.01 )  
 (87) WO2017/001592  
 (31) 15174557.7 (32) 30.06.15 (33) EP  
 (43) 05.01.2017  
 (44) 25.03.2021  
 (72) Zaffaroni, Giorgio; Salmoiraghi, Ele-  
 onora; Brusa, Manuela  
 (74) Spruson & Ferguson

(71) HFI Innovation Inc.  
 (11) AU-B-2019202043  
 (21) 2019202043 (22) 25.03.2019  
 (54) Method and apparatus for palette cod-  
 ing of monochrome contents in video  
 and image compression  
 (51) Int. Cl.  
*H04N 19/00* ( 2014.01 )  
 (43) 18.04.2019

(44) 25.03.2021  
 (62) 2016222177  
 (72) LIU, Shan; YE, Jing; XU, Xiaozhong  
 (74) Spruson & Ferguson

**Hinderer + Mühlich GmbH & Co. Kg see  
 Leonhard Kurz Stiftung And Co. Kg**  
 (21) 2016282545

(71) HOEL, S.; PERLMAN, T.  
 (11) AU-B-2019201413  
 (21) 2019201413 (22) 28.02.2019  
 (54) SURGERY TABLE ATTACHMENT AP-  
 PARATUS  
 (51) Int. Cl.  
*A61G 13/08* ( 2006.01 )  
 (43) 21.03.2019  
 (44) 25.03.2021  
 (62) 2016201158  
 (72) HOEL, Stephen; PERLMAN, Timothy  
 (74) AJ PARK

(71) Honeywell International Inc.  
 (11) AU-B-2017417179  
 (21) 2017417179 (22) 05.06.2017  
 (54) Alarm processing devices, methods,  
 and systems  
 (51) Int. Cl.  
*H04L 12/24* ( 2006.01 )  
*H04L 12/26* ( 2006.01 )  
*G08B 25/10* ( 2006.01 )  
 (87) WO2018/223254  
 (43) 13.12.2018  
 (44) 25.03.2021  
 (72) Zhang, Weilin; Jiang, Peng; Mei, Zhen-  
 jun; Li, Dapeng; Hu, Yaohui  
 (74) FPA Patent Attorneys Pty Ltd

(71) Horten Medical Pty Ltd  
 (11) AU-B-2016377399  
 (21) 2016377399 (22) 23.12.2016  
 (54) Multiband ligation device  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
 (87) WO2017/106933  
 (31) 2015905345 (32) 23.12.15 (33) AU  
 (43) 29.06.2017  
 (44) 25.03.2021  
 (72) Taffa, Mark; Profaca, Mark; Cro-  
 ston, Thomas Robert; Shores, Daniel  
 Thomas; Sokolov, Richard  
 (74) Gestalt Law Pty Ltd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2017382126  
 (21) 2017382126 (22) 12.05.2017  
 (54) Notebook computer  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
 (87) WO2018/113172  
 (31) 201611177011.2 (32) 19.12.16 (33) CN  
 (43) 28.06.2018  
 (44) 25.03.2021  
 (72) Zhu, Mingchao; Yang, Heng; Zhen,  
 Haitao; Li, Xueqiang  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2017404864  
 (21) 2017404864 (22) 19.03.2017  
 (54) Network slice management method,  
 unit and system  
 (51) Int. Cl.  
*H04L 12/46* ( 2006.01 )  
 (87) WO2018/170647  
 (43) 27.09.2018  
 (44) 25.03.2021  
 (72) Xu, Ruiyue; Zhang, Kai  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018208953  
 (21) 2018208953 (22) 16.01.2018  
 (54) System and method for co-existence of  
 low-latency and latency-tolerant com-  
 munication resources  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2018/133779  
 (31) 62/447,432 (32) 17.01.17 (33) US  
 15/857,421 28.12.17 US  
 (43) 26.07.2018  
 (44) 25.03.2021  
 (72) Islam, Toufiqul; Lyu, Yongxia; Ma, Ji-  
 anglei  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018219696  
 (21) 2018219696 (22) 05.01.2018  
 (54) Method for updating certificate issuer  
 public key, and related device and sys-  
 tem  
 (51) Int. Cl.  
*H04W 12/04* ( 2009.01 )  
 (87) WO2018/145547  
 (31) PCT/ (32) 10.02.17 (33) CN  
 CN2017/073252  
 (43) 16.08.2018  
 (44) 25.03.2021  
 (72) Yu, Xiaobo; Gao, Linyi; Long, Shuiping  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018284887  
 (21) 2018284887 (22) 15.06.2018  
 (54) Method and apparatus for determining  
 resource block group size  
 (51) Int. Cl.  
*H04L 27/26* ( 2006.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2018/228565  
 (31) 201710459135.8 (32) 16.06.17 (33) CN  
 201711149071.8 17.11.17 CN  
 (43) 20.12.2018  
 (44) 25.03.2021  
 (72) Wang, Ting; Liu, Zhe; Li, Yuanjie; Tang,  
 Hao; Tang, Zhenfei; Wang, Yi; Li, Hua;  
 Cao, Yongzhao  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018284889  
 (21) 2018284889 (22) 15.06.2018  
 (54) Bandwidth resource configuration method, apparatus, and system  
 (51) Int. Cl.  
*H04W 4/00* ( 2018.01 )  
 (87) WO2018/228567  
 (31) 201710459800.3 (32) 16.06.17 (33) CN  
 (43) 20.12.2018  
 (44) 25.03.2021  
 (72) Li, Junchao; Tang, Hao; Wang, Fan; Tang, Zhenfei  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018315105  
 (21) 2018315105 (22) 09.08.2018  
 (54) Communication method and communications device  
 (51) Int. Cl.  
*H04L 1/16* ( 2006.01 )  
*H04L 1/18* ( 2006.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2019/029589  
 (31) 201710687913.9 (32) 11.08.17 (33) CN  
 (43) 14.02.2019  
 (44) 25.03.2021  
 (72) XU, Xiaoying; YOU, Chunhua; HUANG, Qufang; LIU, Xing; ZENG, Qinghai; ZHAO, Li  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018315349  
 (21) 2018315349 (22) 10.08.2018  
 (54) DATA INTEGRITY PROTECTION METHOD, COMMUNICATION APPARATUS, TERMINAL DEVICE, ACCESS NETWORK DEVICE, CORE NETWORK DEVICE, COMPUTER READABLE MEDIUM, AND COMMUNICATION SYSTEM  
 (51) Int. Cl.  
*H04W 8/14* ( 2009.01 )  
 (87) WO2019/029691  
 (31) 201710686855.8 (32) 11.08.17 (33) CN  
 (43) 14.02.2019  
 (44) 25.03.2021  
 (72) LOU, Chong; HUANG, Qufang; LIU, Xing  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018315384  
 (21) 2018315384 (22) 10.08.2018  
 (54) METHOD FOR DETERMINING FEEDBACK INFORMATION, TERMINAL DEVICE, AND NETWORK DEVICE  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
*H04L 1/18* ( 2006.01 )  
 (87) WO2019/029727  
 (31) 201710686826.1 (32) 11.08.17 (33) CN  
 (43) 14.02.2019  
 (44) 25.03.2021  
 (72) PENG, Jinlin; WANG, Fan; TANG, Hao; WANG, Yi  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2018317224  
 (21) 2018317224 (22) 28.03.2018  
 (54) Communication method and apparatus  
 (51) Int. Cl.  
*H04W 76/00* ( 2018.01 )  
 (87) WO2019/033760  
 (31) 201710698733.0 (32) 15.08.17 (33) CN  
 (43) 21.02.2019  
 (44) 25.03.2021  
 (72) LI, Meng; YING, Jiangwei; YANG, Yanmei; HUANG, Zhenglei  
 (74) Spruson & Ferguson

(71) Hubbell Incorporated  
 (11) AU-B-2015320527  
 (21) 2015320527 (22) 24.09.2015  
 (54) Rotatable single piece optical array  
 (51) Int. Cl.  
*F21V 14/02* ( 2006.01 )  
*F21V 14/06* ( 2006.01 )  
 (87) WO2016/049337  
 (31) 62/054,750 (32) 24.09.14 (33) US  
 (43) 31.03.2016  
 (44) 25.03.2021  
 (72) Duckworth, Jason Edward  
 (74) Griffith Hack

(71) Hubei University  
 (11) AU-B-2020294319  
 (21) 2020294319 (22) 24.12.2020  
 (54) TRANSITION METAL IONS DOPED TRIMANGANESE TETRAOXIDE NANOSHEET ARRAYS GROWN BASED ON CARBON CLOTH, AND PREPARATION METHOD AND APPLICATION THEREOF  
 (51) Int. Cl.  
*H01M 4/50* ( 2010.01 )  
*C01B 32/15* ( 2017.01 )  
*C01G 45/02* ( 2006.01 )  
*H01M 10/24* ( 2006.01 )  
 (31) 2020112575791 (32) 13.11.20 (33) CN  
 (43) 25.03.2021  
 (44) 25.03.2021  
 (72) Wang, Hao; Ji, Jie; Wan, Houzhao; Duan, Jinxia; Wang, Hanbin; Ma, Guokun; Shen, Liangping; Zhang, Jun  
 (74) Madderns Pty Ltd

(71) HUVEPHARMA, INC.  
 (11) AU-B-2015353376  
 (21) 2015353376 (22) 27.11.2015  
 (54) Adjuvant compositions and related methods  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61K 47/00* ( 2006.01 )  
 (87) WO2016/086222  
 (31) 62/137,659 (32) 24.03.15 (33) US  
 62/084,698 26.11.14 US  
 (43) 02.06.2016

(44) 25.03.2021  
 (72) Miller, Timothy J.; Pfannenstiel, Mary Ann  
 (74) RNB IP PTY LTD

(71) HysensBio  
 (11) AU-B-2018398249  
 (21) 2018398249 (22) 17.12.2018  
 (54) Novel peptide  
 (51) Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A23L 33/18* ( 2016.01 )  
*A61K 38/00* ( 2006.01 )  
 (87) WO2019/132352  
 (31) 10-2017-0182322 (32) 28.12.17 (33) KR  
 10-2018-0078548 06.07.18 KR  
 (43) 04.07.2019  
 (44) 25.03.2021  
 (72) PARK, Joo Hwang; LEE, Ji Hyun  
 (74) Madderns Pty Ltd

(71) IB Operations Pty Ltd  
 (11) AU-B-2019308597  
 (21) 2019308597 (22) 16.08.2019  
 (54) Method and apparatus for processing magnetite  
 (51) Int. Cl.  
*C22B 1/22* ( 2006.01 )  
 (31) 2018904331 (32) 14.11.18 (33) AU  
 2019902398 05.07.19 AU  
 (43) 23.04.2020  
 (44) 25.03.2021  
 (72) HAMILTON, Andrew Graham; LAROSA, Gerald Michael  
 (74) Davies Collison Cave Pty Ltd

(71) Icure Pharmaceutical, Inc  
 (11) AU-B-2015363883  
 (21) 2015363883 (22) 18.12.2015  
 (54) Transdermal preparation containing donepezil as active ingredient  
 (51) Int. Cl.  
*A61K 9/70* ( 2006.01 )  
*A61K 31/445* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
 (87) WO2016/099198  
 (31) 10-2014-0183446 (32) 18.12.14 (33) KR  
 (43) 23.06.2016  
 (44) 25.03.2021  
 (72) Choi, Young Kweon; Hong, Dong Hyun; Kim, Seong Soo  
 (74) Spruson & Ferguson

(71) Identiflight International, LLC  
 (11) AU-B-2015305303  
 (21) 2015305303 (22) 21.08.2015  
 (54) Avian detection systems and methods  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*F03D 7/04* ( 2006.01 )  
*G06K 9/20* ( 2006.01 )  
 (87) WO2016/029135  
 (31) 62/040,018 (32) 21.08.14 (33) US  
 (43) 25.02.2016

Applications Accepted - Name Index cont'd

(44) 25.03.2021  
 (72) Jorquera, Carlos; Coppage, Aaron; De-salvo, Jason; Luttrell, Ryan; Luttrell, Jason  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Igenomix S.L.  
 (11) AU-B-2015275798  
 (21) 2015275798 (22) 05.06.2015  
 (54) Stem cell therapy in endometrial pathologies  
 (51) Int. Cl.  
**C12N 5/074** ( 2010.01 )  
**C12N 5/075** ( 2010.01 )  
**A61K 35/12** ( 2006.01 )  
 (87) WO2015/193737  
 (31) 62/013,121 (32) 17.06.14 (33) US  
 (43) 23.12.2015  
 (44) 25.03.2021  
 (72) Simon, Carlos; Santamaria, Javier; Pellicer, Antonio; Cervello, Irene  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-B-2019201933  
 (21) 2019201933 (22) 20.03.2019  
 (54) Rebate formwork system for slip form casting  
 (51) Int. Cl.  
**E04G 15/04** ( 2006.01 )  
**E04G 17/04** ( 2006.01 )  
 (43) 11.04.2019  
 (44) 25.03.2021  
 (62) 2013231067  
 (72) Connell, Robert Urquhart; Knott, Alexander Charles  
 (74) Davies Collison Cave Pty Ltd

(71) Immatics Biotechnologies GmbH  
 (11) AU-B-2017227967  
 (21) 2017227967 (22) 28.02.2017  
 (54) Peptides, combination of peptides, and cell based medicaments for use in immunotherapy against urinary bladder cancer and other cancers  
 (51) Int. Cl.  
**C07K 7/06** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (87) WO2017/148888  
 (31) 1603568.5 (32) 01.03.16 (33) GB  
 62/302,010 01.03.16 US  
 (43) 08.09.2017  
 (44) 25.03.2021  
 (72) Mahr, Andrea; Weinschenk, Toni; Song, Colette; Schoor, Oliver; Fritsche, Jens; Singh, Harpreet  
 (74) Phillips Ormonde Fitzpatrick

(71) Impedimed Limited  
 (11) AU-B-2016293382  
 (21) 2016293382 (22) 14.07.2016  
 (54) Fluid level determination  
 (51) Int. Cl.  
**A61B 5/053** ( 2006.01 )

**A61B 5/107** ( 2006.01 )  
 (87) WO2017/008118  
 (31) 2015902819 (32) 16.07.15 (33) AU  
 (43) 19.01.2017  
 (44) 25.03.2021  
 (72) Ward, Leigh; Essex, Tim  
 (74) Davies Collison Cave Pty Ltd

(71) Incept, LLC  
 (11) AU-B-2015360469  
 (21) 2015360469 (22) 10.12.2015  
 (54) Hydrogel drug delivery implants  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 47/10** ( 2006.01 )  
 (87) WO2016/094646  
 (31) 62/089,994 (32) 10.12.14 (33) US  
 (43) 16.06.2016  
 (44) 25.03.2021  
 (72) Jarrett, Peter; El-Hayek, Rami; Sawhney, Amarpreet S.  
 (74) Griffith Hack

(71) INCYTE HOLDINGS CORPORATION  
 (11) AU-B-2020201114  
 (21) 2020201114 (22) 17.02.2020  
 (54) THIAZOLECARBOXAMIDES AND PYRIDINECARBOXAMIDE COMPOUNDS USEFUL AS PIM KINASE INHIBITORS  
 (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4355** ( 2006.01 )  
**A61K 31/4365** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
 (43) 05.03.2020  
 (44) 25.03.2021  
 (62) 2018217210  
 (72) XUE, Chu-Biao; LI, Yun-Long; FENG, Hao; PAN, Jun; WANG, Anlai; ZHANG, Ke; YAO, Wengqing; ZHANG, Fenglei; ZHUO, Jincong  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Industrial Tomography Systems PLC  
 (11) AU-B-2015314009  
 (21) 2015314009 (22) 11.09.2015  
 (54) Density measurement system and method  
 (51) Int. Cl.  
**G01N 27/02** ( 2006.01 )  
**G01N 33/28** ( 2006.01 )  
 (87) WO2016/038391  
 (31) 1416182.2 (32) 12.09.14 (33) GB  
 (43) 17.03.2016  
 (44) 25.03.2021  
 (72) Qiu, Changhua; Primrose, Kenneth  
 (74) FB Rice Pty Ltd

(71) Infinity Pharmaceuticals, Inc.  
 (11) AU-B-2016322552  
 (21) 2016322552 (22) 13.09.2016  
 (54) Solid forms of isoquinolinone derivatives, process of making, compositions comprising, and methods of using the same  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2017/048702  
 (31) 62/218,486 (32) 14.09.15 (33) US  
 62/218,493 14.09.15 US  
 (43) 23.03.2017  
 (44) 25.03.2021  
 (72) Grenier, Louis; Lescarbeau, Andre; Sharma, Praveen; Genov, Daniel G.  
 (74) Spruson & Ferguson

(71) INNOBIO Corporation Limited  
 (11) AU-B-2017385151  
 (21) 2017385151 (22) 25.12.2017  
 (54) Gene which encodes alanyl-glutamine dipeptide biosynthetic enzyme and application thereof  
 (51) Int. Cl.  
**C12N 15/52** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 9/00** ( 2006.01 )  
**C12N 15/70** ( 2006.01 )  
**C12N 15/81** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
**C12R 1/19** ( 2006.01 )  
**C12R 1/865** ( 2006.01 )  
 (87) WO2018/121458  
 (31) 201611254240.X (32) 30.12.16 (33) CN  
 201611254213.2 30.12.16 CN  
 (43) 05.07.2018  
 (44) 25.03.2021  
 (72) Yuan, Wenjie; Fan, Chao; Li, Yimin; Hong, Hao; Wu, Wenzhong  
 (74) Madderns Pty Ltd

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
 (11) AU-B-2020264385  
 (21) 2020264385 (22) 06.11.2020  
 (54) Electromagnetic exploration method using full-coverage anti-interference artificial source  
 (51) Int. Cl.  
**G01V 3/08** ( 2006.01 )  
 (31) 201911142349.8 (32) 20.11.19 (33) CN  
 (43) 25.03.2021  
 (44) 25.03.2021  
 (72) Fu, Changmin; Di, Qingyun; Tan, Jieyu; Wang, Xiaotian  
 (74) Shelston IP Pty Ltd.

(71) Intuit Inc.  
 (11) AU-B-2019332682  
 (21) 2019332682 (22) 29.07.2019  
 (54) Cost optimized dynamic resource allocation in a cloud infrastructure  
 (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
 (87) WO2020/046514

Applications Accepted - Name Index cont'd

(31) 16/117,722 (32) 30.08.18 (33) US  
 (43) 05.03.2020  
 (44) 25.03.2021  
 (72) HARI, Ravi  
 (74) Davies Collison Cave Pty Ltd

(71) Ionis Pharmaceuticals, Inc.  
 (11) AU-B-2019203674  
 (21) 2019203674 (22) 25.05.2019  
 (54) CONJUGATED ANTISENSE COM-  
 POUNDS AND THEIR USE  
 (51) Int. Cl.  
*C07H 21/00* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (43) 27.06.2019  
 (44) 25.03.2021  
 (62) 2014259750  
 (72) Prakash, Thazha P.; Seth, Punit P.;  
 Swayze, Eric E.  
 (74) RnB IP Pty Ltd

(71) IP2IPO Innovations Limited  
 (11) AU-B-2016210013  
 (21) 2016210013 (22) 19.01.2016  
 (54) A force measurement mechanism  
 (51) Int. Cl.  
*G01L 5/00* ( 2006.01 )  
 (87) WO2016/116738  
 (31) 1500840.2 (32) 19.01.15 (33) GB  
 (43) 28.07.2016  
 (44) 25.03.2021  
 (72) Burdet, Etienne; Mace, Michael Alec  
 Vere; Liardon, Jean-Luc; Bentley, Paul;  
 Rinne, Paul  
 (74) Griffith Hack

(71) IVM IP PTY LTD  
 (11) AU-B-2016222424  
 (21) 2016222424 (22) 01.09.2016  
 (54) A Traffic Cone Carrier and a Traffic  
 Cone Deployment System  
 (51) Int. Cl.  
*B60R 11/00* ( 2006.01 )  
*B60R 9/06* ( 2006.01 )  
*E01F 9/70* ( 2016.01 )  
 (31) 2015903556 (32) 01.09.15 (33) AU  
 (43) 16.03.2017  
 (44) 25.03.2021  
 (72) Wardrop, Sean; Bloor, Nicholas  
 (74) Wynnes Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Janssen Pharmaceutica NV  
 (11) AU-B-2017324725  
 (21) 2017324725 (22) 05.09.2017  
 (54) Indazole derivatives useful as glucagon  
 receptor antagonists  
 (51) Int. Cl.  
*C07D 405/14* ( 2006.01 )  
*A61K 31/416* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*C07D 231/56* ( 2006.01 )  
*C07D 401/06* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 409/04* ( 2006.01 )  
 (87) WO2018/048763

(31) 62/383,622 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (44) 25.03.2021  
 (72) Gaul, Micheal; Xu, Guozhang; Yang,  
 Shyh-Ming; Lu, Tianbao; Zhang, Rui;  
 Song, Fengbin  
 (74) Shelston IP Pty Ltd.

(71) Janssen Pharmaceutica NV  
 (11) AU-B-2017338269  
 (21) 2017338269 (22) 02.10.2017  
 (54) Novel monocyclic and bicyclic ring sys-  
 tem substituted carbanucleoside ana-  
 logues for use as PRMT5 inhibitors  
 Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )

(87) WO2018/065365  
 (31) 62/403,336 (32) 03.10.16 (33) US  
 17157785.1 24.02.17 EP  
 (43) 12.04.2018  
 (44) 25.03.2021  
 (72) Wu, Tongfei; Brehmer, Dirk; Beke, Lijs;  
 Boeckx, An; Diels, Gaston Stanislas  
 Marcella; Lawson, Edward Charles;  
 Meerpoel, Lieven; Pande, Vineet;  
 Paradé, Marcus Cornelis Bernardus  
 Catharina; Schepens, Wim Bert Griet;  
 Sun, Weimei; Thuring, Johannes Wil-  
 helmus John F.; Viellevoye, Marcel  
 (74) Shelston IP Pty Ltd.

(71) Janssen Sciences Ireland UC  
 (11) AU-B-2017205261  
 (21) 2017205261 (22) 05.01.2017  
 (54) Functionalized pentanoic acids for use  
 in influenza viral infections  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )

(87) WO2017/118680  
 (31) 16150457.6 (32) 07.01.16 (33) EP  
 (43) 13.07.2017  
 (44) 25.03.2021  
 (72) Guillemont, Jérôme Émile Georges;  
 Balemans, Wendy Mia Albert; Mc  
 Gowan, David Craig; Motte, Magali  
 Madeleine Simone; Lançois, David  
 Francis Alain; Lambert, Emilie Marie  
 (74) Shelston IP Pty Ltd.

(71) Janssen Vaccines & Prevention B.V.  
 (11) AU-B-2016316723  
 (21) 2016316723 (22) 01.09.2016  
 (54) Stabilized viral class I fusion proteins  
 (51) Int. Cl.  
*C07K 2/00* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/145* ( 2006.01 )  
*A61K 39/21* ( 2006.01 )  
 (87) WO2017/037196  
 (31) 62/213,466 (32) 02.09.15 (33) US  
 (43) 09.03.2017

(44) 25.03.2021  
 (72) Langedijk, Johannes Petrus Maria  
 (74) Shelston IP Pty Ltd.

(71) Japan Tobacco Inc.  
 (11) AU-B-2019204391  
 (21) 2019204391 (22) 21.06.2019  
 (54) CARTRIDGE AND NON-BURNING  
 TYPE FLAVOR INHALER  
 (51) Int. Cl.  
*A24F 47/00* ( 2006.01 )  
 (43) 11.07.2019  
 (44) 25.03.2021  
 (62) 2014411337  
 (72) MATSUMOTO, Hirofumi; TAR-  
 ORA, Masafumi; YAMADA, Manabu;  
 WATANABE, Tomoichi  
 (74) Griffith Hack

(71) Jarvis Products Corporation  
 (11) AU-B-2019280085  
 (21) 2019280085 (22) 13.12.2019  
 (54) Stunner handle mount with internal pas-  
 sageways  
 (51) Int. Cl.  
*A22B 3/00* ( 2006.01 )  
*A22B 3/02* ( 2006.01 )  
 (43) 16.01.2020  
 (44) 25.03.2021  
 (62) 2018278999  
 (72) JONES, Arthur; JONES, Trent  
 (74) Spruson & Ferguson

(71) JFE Steel Corporation  
 (11) AU-B-2018235626  
 (21) 2018235626 (22) 14.03.2018  
 (54) Cooling device and production method  
 for rail  
 (51) Int. Cl.  
*C21D 9/04* ( 2006.01 )  
*C21D 1/00* ( 2006.01 )  
*C22C 38/00* ( 2006.01 )  
*C22C 38/18* ( 2006.01 )  
*C22C 38/60* ( 2006.01 )  
 (87) WO2018/168969  
 (31) 2017-049871 (32) 15.03.17 (33) JP  
 (43) 20.09.2018  
 (44) 25.03.2021  
 (72) Okushiro, Kenji; Kijima, Hideo; Ishi-  
 kawa, Hiroshi  
 (74) Davies Collison Cave Pty Ltd

(71) JFE Steel Corporation  
 (11) AU-B-2018309964  
 (21) 2018309964 (22) 25.07.2018  
 (54) Steel sheet for crown cap, crown cap  
 and method for producing steel sheet  
 for crown cap  
 (51) Int. Cl.  
*C22C 38/00* ( 2006.01 )  
*B65D 41/12* ( 2006.01 )  
*C21D 9/46* ( 2006.01 )  
*C22C 38/06* ( 2006.01 )  
 (87) WO2019/026738  
 (31) 2017-148314 (32) 31.07.17 (33) JP  
 (43) 07.02.2019



Applications Accepted - Name Index cont'd

- (44) 25.03.2021  
 (72) UENO, Takashi; KARIYA, Nobusuke; KOJIMA, Katsumi; YAMAMOTO, Yoshihide; KATAGIRI, Akihiro  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) JFE Steel Corporation  
 (11) AU-B-2018359467  
 (21) 2018359467 (22) 29.10.2018  
 (54) High-strength steel sheet and method for producing same  
 (51) Int. Cl.  
     C22C 38/00 ( 2006.01 )  
     C21D 9/46 ( 2006.01 )  
     C22C 38/14 ( 2006.01 )  
     C22C 38/54 ( 2006.01 )  
 (87) WO2019/088044  
 (31) 2017-211181 (32) 31.10.17 (33) JP  
 (43) 09.05.2019  
 (44) 25.03.2021  
 (72) SHIIMORI, Fusae; SAITO, Hayato; KARIYA, Nobusuke; KOJIMA, Katsumi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Johnson Matthey Davy Technologies Limited  
 (11) AU-B-2018275017  
 (21) 2018275017 (22) 10.12.2018  
 (54) PROCESS AND APPARATUS  
 (51) Int. Cl.  
     B01D 53/86 ( 2006.01 )  
     B01J 12/00 ( 2006.01 )  
 (43) 03.01.2019  
 (44) 25.03.2021  
 (62) 2014338752  
 (72) Watson, David; Swinney, John  
 (74) Spruson & Ferguson
- 
- (71) JT International SA  
 (11) AU-B-2019240608  
 (21) 2019240608 (22) 02.10.2019  
 (54) Electronic vapour inhalers  
 (51) Int. Cl.  
     A24F 47/00 ( 2006.01 )  
 (43) 24.10.2019  
 (44) 25.03.2021  
 (62) 2015278944  
 (72) Gill, Mark; Vanko, Daniel; Brvenik, Lubos  
 (74) Shelston IP Pty Ltd.
- 
- (71) K2M, Inc.  
 (11) AU-B-2016291125  
 (21) 2016291125 (22) 07.07.2016  
 (54) Spinal construct with flexible member  
 (51) Int. Cl.  
     A61B 17/04 ( 2006.01 )  
     A61B 17/70 ( 2006.01 )  
 (87) WO2017/007891  
 (31) 62/189,261 (32) 07.07.15 (33) US  
     15/135,770 22.04.16 US  
 (43) 12.01.2017

- (44) 25.03.2021  
 (72) Mundis, Gregory; Kim, Han Jo; Ferguson, John; Blakemore, Laurel; Bararus, Michael  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Kancera AB  
 (11) AU-B-2016375634  
 (21) 2016375634 (22) 16.11.2016  
 (54) Bicyclic hydroxamic acids useful as inhibitors of mammalian histone deacetylase activity  
 (51) Int. Cl.  
     C07D 413/14 ( 2006.01 )  
     A61K 31/4184 ( 2006.01 )  
     A61K 31/423 ( 2006.01 )  
     A61K 31/428 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
     A61P 37/00 ( 2006.01 )  
     C07D 209/08 ( 2006.01 )  
     C07D 235/30 ( 2006.01 )  
     C07D 263/57 ( 2006.01 )  
     C07D 263/58 ( 2006.01 )  
     C07D 277/64 ( 2006.01 )  
     C07D 277/66 ( 2006.01 )  
     C07D 307/79 ( 2006.01 )  
     C07D 333/54 ( 2006.01 )  
     C07D 401/04 ( 2006.01 )  
     C07D 409/04 ( 2006.01 )  
     C07D 413/04 ( 2006.01 )  
     C07D 413/10 ( 2006.01 )  
     C07D 413/12 ( 2006.01 )  
     C07D 417/04 ( 2006.01 )  
     C07D 471/04 ( 2006.01 )  
     C07D 487/04 ( 2006.01 )  
     C07D 491/04 ( 2006.01 )  
     C07D 495/04 ( 2006.01 )  
     C07D 498/04 ( 2006.01 )  
 (87) WO2017/108282  
 (31) 15201841.2 (32) 22.12.15 (33) EP  
 (43) 29.06.2017  
 (44) 25.03.2021  
 (72) Hammer, Kristin; Jönsson, Mattias; Krüger, Lars  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kellogg Company  
 (11) AU-B-2016374242  
 (21) 2016374242 (22) 15.12.2016  
 (54) Method for manufacturing a food product, a food product produced by food product manufacturing system, and food product manufacturing system  
 (51) Int. Cl.  
     A23P 20/20 ( 2016.01 )  
     A21C 9/04 ( 2006.01 )  
     A21D 13/10 ( 2017.01 )  
 (87) WO2017/106521  
 (31) 62/269,291 (32) 18.12.15 (33) US  
 (43) 22.06.2017  
 (44) 25.03.2021  
 (72) Dominguez, Helbert David Almeida; Vanos, Stephen  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kellogg Company  
 (11) AU-B-2017210152  
 (21) 2017210152 (22) 18.01.2017

- (54) Apparatus and method for producing flake-like cereal without the use of a flaking mill  
 (51) Int. Cl.  
     A23P 30/34 ( 2016.01 )  
     A21C 11/16 ( 2006.01 )  
     A23L 7/17 ( 2016.01 )  
 (87) WO2017/127416  
 (31) 62/279,898 (32) 18.01.16 (33) US  
 (43) 27.07.2017  
 (44) 25.03.2021  
 (72) Gimmler, Norbert; Laubenthal, Kevin J.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kemira Oyj  
 (11) AU-B-2017267267  
 (21) 2017267267 (22) 19.05.2017  
 (54) Method and treatment system for making of paper  
 (51) Int. Cl.  
     D21H 27/30 ( 2006.01 )  
     D21H 17/42 ( 2006.01 )  
     D21H 17/44 ( 2006.01 )  
     D21H 17/63 ( 2006.01 )  
     D21H 17/68 ( 2006.01 )  
     D21H 21/16 ( 2006.01 )  
 (87) WO2017/198804  
 (31) 16170565.2 (32) 20.05.16 (33) EP  
 (43) 23.11.2017  
 (44) 25.03.2021  
 (72) Bisbal, Josep Lluís; Santos, Daniel Nuno da Rita; Hietaniemi, Matti  
 (74) Griffith Hack
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2016409477  
 (21) 2016409477 (22) 31.05.2016  
 (54) Resilient high bulk tissue products  
 (51) Int. Cl.  
     D21H 27/00 ( 2006.01 )  
     D21H 11/02 ( 2006.01 )  
 (87) WO2017/209738  
 (43) 07.12.2017  
 (44) 25.03.2021  
 (72) Lindsay, Stephen Michael; Zawadzki, Michael Andrew; Uttecht, Cathleen Mae; Goulet, Mike Thomas; Zwick, Kenneth John; Satori, Christopher Lee; Waldroup, Donald Eugene  
 (74) Spruson & Ferguson
- 
- (71) Kimura Kohki Co., Ltd.  
 (11) AU-B-2020202072  
 (21) 2020202072 (22) 23.03.2020  
 (54) Air conditioning system  
 (51) Int. Cl.  
     F25B 30/06 ( 2006.01 )  
 (31) 2019-066924 (32) 29.03.19 (33) JP  
     2019-132377 18.07.19 JP  
     2019-132378 18.07.19 JP  
 (43) 15.10.2020  
 (44) 25.03.2021  
 (72) KIMURA, Keiichi; ISHIDA, Takayuki; SATO, Hidekazu; GOTO, Kazuya  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) King Furniture Australia Pty Ltd  
 (11) AU-B-2016201802  
 (21) 2016201802 (22) 22.03.2016  
 (54) Safety interlock  
 (51) Int. Cl.  
*F16P 3/14* ( 2006.01 )  
*A47C 1/0355* ( 2013.01 )  
 (31) 2015901090 (32) 26.03.15 (33) AU  
 (43) 13.10.2016  
 (44) 25.03.2021  
 (72) KING, David; LEVEY, John  
 (74) FB Rice Pty Ltd

(71) Korea Advanced Institute of Science and Technology  
 (11) AU-B-2018290633  
 (21) 2018290633 (22) 02.07.2018  
 (54) Conjugate of VEGF-Grab protein and drug, and use thereof  
 (51) Int. Cl.  
*C07K 14/71* ( 2006.01 )  
*A23K 20/10* ( 2016.01 )  
*A23L 33/10* ( 2016.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/64* ( 2017.01 )  
*C07K 16/00* ( 2006.01 )  
 (87) WO2019/004799  
 (31) 10-2017-0083747 (32) 30.06.17 (33) KR  
 (43) 03.01.2019  
 (44) 25.03.2021  
 (72) KIM, Ho Min; LEE, Dae Hee; KIM, Duk Ki  
 (74) FB Rice Pty Ltd

(71) Kortek Corporation  
 (11) AU-B-2018329316  
 (21) 2018329316 (22) 29.08.2018  
 (54) Image display device of slot machine apparatus  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*A63F 13/26* ( 2014.01 )  
*G02F 1/1333* ( 2006.01 )  
*G06F 1/16* ( 2006.01 )  
 (87) WO2019/050210  
 (31) 10-2017-0113890 (32) 06.09.17 (33) KR  
 (43) 14.03.2019  
 (44) 25.03.2021  
 (72) KWON, Je Young; PARK, Yong Hun  
 (74) FB Rice Pty Ltd

(71) Kyowa Kirin Co., Ltd.  
 (11) AU-B-2016379292  
 (21) 2016379292 (22) 22.12.2016  
 (54)  $\alpha$ ,  $\beta$  unsaturated amide compound  
 (51) Int. Cl.  
*C07D 213/74* ( 2006.01 )  
*A61K 31/353* ( 2006.01 )  
*A61K 31/4433* ( 2006.01 )  
*A61K 31/47* ( 2006.01 )  
*A61K 31/4709* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 215/38* ( 2006.01 )  
*C07D 311/74* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )  
 (87) WO2017/111076  
 (31) 2015-252234 (32) 24.12.15 (33) JP

(43) 29.06.2017  
 (44) 25.03.2021  
 (72) Danjo, Tomohiro; Fujiwara, Katsuaki; Nishikawa, Tomoyuki; Nakajima, Takahiro; Otsubo, Nobumasa; Seike, Toshihiro  
 (74) Spruson & Ferguson

Lai, J. see Catalyst Lifestyle Limited  
 (21) 2020202837

(71) LCI Italy s.r.l.  
 (11) AU-B-2019208209  
 (21) 2019208209 (22) 24.07.2019  
 (54) SLIDE-OUT ROOM MECHANISM WITH CABLE DRIVE  
 (51) Int. Cl.  
*B60P 3/34* ( 2006.01 )  
*B60P 3/39* ( 2006.01 )  
 (31) IT10201900000703 (32) 20.05.19 (33) IT  
 (43) 10.12.2020  
 (44) 25.03.2021  
 (72) REVELINO, Lawrence; WILKINS, Rupert; ROMAGNOLI, Fabio  
 (74) Krouzer IP

(71) Legochem Biosciences, Inc.  
 (11) AU-B-2015268300  
 (21) 2015268300 (22) 27.05.2015  
 (54) Compound containing self-immolative group  
 (51) Int. Cl.  
*C07D 249/04* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
 (87) WO2015/182984  
 (31) 10-2015-0073161 (32) 26.05.15 (33) KR  
 10-2014-0064360 28.05.14 KR  
 (43) 03.12.2015  
 (44) 25.03.2021  
 (72) Kim, Yong Zu; Park, Tae Kyo; Woo, Sung Ho; Kim, Sun Young; Cho, Jong Un; Jung, Doo Hwan; Yang, Jeon; Min, Ji Young; Lee, Hyang Sook; Park, Yun Hee; Ryu, Jeong Hee; Oh, Kyu Man; Oh, Yeong Soo; Chae, Jaiwook; Song, Ho Young; Chung, Chul-Woong  
 (74) Pearce IP Pty Ltd

(71) Lemmings LLC  
 (11) AU-B-2016340062  
 (21) 2016340062 (22) 14.10.2016  
 (54) Robotic golf caddy  
 (51) Int. Cl.  
*A63B 55/00* ( 2006.01 )  
*A63B 55/60* ( 2015.01 )  
*A63B 57/00* ( 2006.01 )  
*B60W 30/08* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
*G05D 1/02* ( 2006.01 )  
 (87) WO2017/066541  
 (31) 62/242,349 (32) 16.10.15 (33) US  
 (43) 20.04.2017  
 (44) 25.03.2021  
 (72) Doane, Dennis W.; Doane, Rick M.; Doane, Timothy L.; Doane, Shea P.; Nicola, Robert T.; Burns, Kenneth M.  
 (74) Spruson & Ferguson

(71) Leonhard Kurz Stiftung And Co. Kg; Hinderer + Mühlich GmbH & Co. Kg  
 (11) AU-B-2016282545  
 (21) 2016282545 (22) 31.05.2016  
 (54) Method and device for transferring a decorative segment of an embossing film  
 (51) Int. Cl.  
*B44B 5/02* ( 2006.01 )  
*B41F 16/00* ( 2006.01 )  
*B44C 1/17* ( 2006.01 )  
 (87) WO2016/206926  
 (31) 10 2015 110 077.0 (32) 23.06.15 (33) DE  
 10 2015 116 514.7 29.09.15 DE  
 10 2015 119 888.6 17.11.15 DE  
 (43) 29.12.2016  
 (44) 25.03.2021  
 (72) Burkhardt, Markus; Mannsfeld, Tibor; Ammon, Gerhard; Löchner, Thomas  
 (74) Spruson & Ferguson

(71) LEO Pharma A/S  
 (11) AU-B-2017294969  
 (21) 2017294969 (22) 11.07.2017  
 (54) Heteroaromatic modulators of the retinoid-related orphan receptor gamma  
 (51) Int. Cl.  
*C07D 413/14* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*C07D 241/04* ( 2006.01 )  
*C07D 413/12* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
 (87) WO2018/011201  
 (31) 16020268.5 (32) 13.07.16 (33) EP  
 (43) 18.01.2018  
 (44) 25.03.2021  
 (72) Jessiman, Alan Stuart; Johnson, Patrick Stephen; Maansson, Kristoffer; Sørensen, Morten Dahl  
 (74) FPA Patent Attorneys Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2017385735  
 (21) 2017385735 (22) 12.12.2017  
 (54) Cleaner  
 (51) Int. Cl.  
*A47L 9/16* ( 2006.01 )  
 (87) WO2018/124543  
 (31) 10-2017-0134162 (32) 30.12.16 (33) KR  
 10-2016-0184433 30.12.16 KR  
 (43) 05.07.2018  
 (44) 25.03.2021  
 (72) Sun, Changhwa; Kim, Sangjo  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2018257151  
 (21) 2018257151 (22) 26.04.2018  
 (54) Method for performing AMF registration-related procedure by UDM in wireless communication system, and device therefor  
 (51) Int. Cl.  
*H04W 60/00* ( 2009.01 )

Applications Accepted - Name Index cont'd

**H04W 88/14** ( 2009.01 )  
**(87)** WO2018/199668  
**(31)** 62/491,191 ( **32** ) 27.04.17 **(33)** US  
 62/501,055 03.05.17 US  
**(43)** 01.11.2018  
**(44)** 25.03.2021  
**(72)** Kim, Laeyoung; Kim, Hyunsook; Ryu, Jinsook; Park, Sangmin; Youn, Myungjune  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2018260325  
**(21)** 2018260325 ( **22** ) 21.03.2018  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
**F25D 29/00** ( 2006.01 )  
**G06F 3/041** ( 2006.01 )  
**G06F 3/16** ( 2006.01 )  
**H05F 3/02** ( 2006.01 )

**(87)** WO2018/199478  
**(31)** 10-2017-0053880 ( **32** ) 26.04.17 **(33)** KR  
**(43)** 01.11.2018  
**(44)** 25.03.2021  
**(72)** Lee, Sangmyung; Oh, Changseok  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2018364268  
**(21)** 2018364268 ( **22** ) 09.11.2018  
**(54)** Method for transmitting/receiving data in wireless communication system, and apparatus therefor  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2019/093823  
**(31)** 62/585,532 ( **32** ) 13.11.17 **(33)** US  
 62/587,505 17.11.17 US  
 62/584,106 09.11.17 US  
 62/590,393 24.11.17 US  
**(43)** 16.05.2019  
**(44)** 25.03.2021  
**(72)** Go, Seongwon; Kim, Hyungtae; Kang, Jiwon  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2019200667  
**(21)** 2019200667 ( **22** ) 31.01.2019  
**(54)** Moving robot  
**(51)** Int. Cl.  
**A01D 34/00** ( 2006.01 )  
**(31)** 10-2018-0013428 ( **32** ) 02.02.18 **(33)** KR  
**(43)** 22.08.2019  
**(44)** 25.03.2021  
**(72)** Lee, Jaehoon; Woo, Jongjin; Choi, Kyuchun  
**(74)** Griffith Hack

**(71)** LG Electronics Inc.  
**(11)** AU-B-2019253843  
**(21)** 2019253843 ( **22** ) 23.10.2019

**(54)** Intra-prediction method, and encoder and decoder using same  
**(51)** Int. Cl.  
**H04N 19/105** ( 2014.01 )  
**H04N 19/10** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**(43)** 14.11.2019  
**(44)** 25.03.2021  
**(62)** 2017228642  
**(72)** Park, Joonyoung; Park, Seungwook; Lim, Jaehyun; Kim, Jungsun; Choi, Younghee; Jeon, Byeongmoon; Jeon, Yongjoon  
**(74)** Davies Collison Cave Pty Ltd

**Lianyungang Runzhong Pharmaceutical Co., Ltd. see Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**  
**(21)** 2016292450

**Lianyungang Runzhong Pharmaceutical Co., Ltd. see Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**  
**(21)** 2017282903

**(71)** LI-COR, Inc.  
**(11)** AU-B-2015317622  
**(21)** 2015317622 ( **22** ) 17.09.2015  
**(54)** Multifunctional protein molecular weight ladders  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**(87)** WO2016/044619  
**(31)** 62/053,043 ( **32** ) 19.09.14 **(33)** US  
**(43)** 24.03.2016  
**(44)** 25.03.2021  
**(72)** Padhye, Nisha; Skopp, Rose; Wang, Ying  
**(74)** Griffith Hack

**(71)** Lipomedix Pharmaceuticals Ltd.; Gabizon, A.; Ohana, P.  
**(11)** AU-B-2016233143  
**(21)** 2016233143 ( **22** ) 17.03.2016  
**(54)** Methods for the treatment of bladder cancer  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A01N 57/00** ( 2006.01 )  
**(87)** WO2016/149516  
**(31)** 62/134,328 ( **32** ) 17.03.15 **(33)** US  
**(43)** 22.09.2016  
**(44)** 25.03.2021  
**(72)** Gabizon, Alberto; Ohana, Patricia  
**(74)** FB Rice Pty Ltd

**(71)** Lumen Bioscience, Inc.  
**(11)** AU-B-2018226413  
**(21)** 2018226413 ( **22** ) 04.09.2018  
**(54)** Cyanobacteria having improved photo-synthetic activity  
**(51)** Int. Cl.  
**C07K 14/405** ( 2006.01 )  
**C12P 7/64** ( 2006.01 )  
**C12R 1/89** ( 2006.01 )  
**(43)** 27.09.2018

**(44)** 25.03.2021  
**(62)** 2014249256  
**(72)** ROBERTS, James; CARLETON, Michael; HICKMAN, Jason W.; CARRIERI, Damian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Lutris Pharma Ltd.  
**(11)** AU-B-2018311538  
**(21)** 2018311538 ( **22** ) 26.07.2018  
**(54)** Novel BRaf inhibitors and use thereof for treatment of cutaneous reactions  
**(51)** Int. Cl.  
**A61K 31/52** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**(87)** WO2019/026065  
**(31)** 62/538,675 ( **32** ) 29.07.17 **(33)** US  
**(43)** 07.02.2019  
**(44)** 25.03.2021  
**(72)** SHELACH, Noa  
**(74)** Dennemeyer & Associates

**(71)** LWC Research Pty Ltd  
**(11)** AU-B-2020281139  
**(21)** 2020281139 ( **22** ) 10.08.2020  
**(54)** Prefabricated floor panel, construction and method therefor  
**(51)** Int. Cl.  
**E04C 5/04** ( 2006.01 )  
**E04C 2/04** ( 2006.01 )  
**E04C 5/10** ( 2006.01 )  
**(31)** 2019902927 ( **32** ) 13.08.19 **(33)** AU  
**(43)** 04.03.2021  
**(44)** 25.03.2021  
**(72)** JONES, Trevor  
**(74)** Eagar & Associates Pty Ltd

**(71)** Magic Leap, Inc.  
**(11)** AU-B-2016233280  
**(21)** 2016233280 ( **22** ) 16.03.2016  
**(54)** Augmented reality pulse oximetry  
**(51)** Int. Cl.  
**A61B 5/1455** ( 2006.01 )  
**A61B 3/12** ( 2006.01 )  
**(87)** WO2016/149428  
**(31)** 62/133,870 ( **32** ) 16.03.15 **(33)** US  
**(43)** 22.09.2016  
**(44)** 25.03.2021  
**(72)** Samec, Nicole Elizabeth; Kaehler, Adrian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** MAKO Surgical Corp.  
**(11)** AU-B-2017295728  
**(21)** 2017295728 ( **22** ) 13.07.2017  
**(54)** Systems for a robotic-assisted revision procedure  
**(51)** Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
**A61B 34/10** ( 2016.01 )  
**(87)** WO2018/013848  
**(31)** 62/363,037 ( **32** ) 15.07.16 **(33)** US  
**(43)** 18.01.2018

Applications Accepted - Name Index cont'd

(44) 25.03.2021  
 (72) Krebs, Viktor; Kang, Hyosig; Kasodekar, Snehal; Harrow, Matt; Ding, Jienan; Chang, Ta-Cheng; Wu, Min; Gonzalez, Jean; Ebbitt, Peter  
 (74) FB Rice Pty Ltd

---

(71) Mallinckrodt Hospital Products IP Limited  
 (11) AU-B-2020207809  
 (21) 2020207809 (22) 21.07.2020  
 (54) Systems and methods for intelligent gas source management and/or systems and methods for delivery of therapeutic gas and/or enhanced performance verification for therapeutic gas delivery  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
*A61M 16/12* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
*B63C 11/02* ( 2006.01 )  
*G01F 22/02* ( 2006.01 )  
 (43) 06.08.2020  
 (44) 25.03.2021  
 (62) 2015255688  
 (72) ACKER, Jaron M.; FALLIGANT, John C.; MILSAP, Jeff; ROEHL, Robin; SCHMIDT, Jeffrey; TOLMIE, Craig R.  
 (74) Spruson & Ferguson

---

(71) Mara Renewables Corporation  
 (11) AU-B-2020200312  
 (21) 2020200312 (22) 16.01.2020  
 (54) A two-step fractionation method for winterizing oil  
 (51) Int. Cl.  
*C11B 3/00* ( 2006.01 )  
*B01D 9/00* ( 2006.01 )  
*C11B 1/00* ( 2006.01 )  
*C12P 7/64* ( 2006.01 )  
 (43) 06.02.2020  
 (44) 25.03.2021  
 (62) 2017301024  
 (72) JIANG, Xuan; DENNIS, Dorothy; ARMENTA, Roberto E.  
 (74) Griffith Hack

---

(71) Masimo Corporation  
 (11) AU-B-2016215025  
 (21) 2016215025 (22) 05.02.2016  
 (54) Connector assembly with pogo pins for use with medical sensors  
 (51) Int. Cl.  
*H01R 13/24* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*H01R 13/627* ( 2006.01 )  
*H01R 13/648* ( 2006.01 )  
*H01R 12/71* ( 2011.01 )  
*H01R 12/72* ( 2011.01 )  
 (87) WO2016/127125  
 (31) 62/113,054 (32) 06.02.15 (33) US  
 62/152,733 24.04.15 US  
 (43) 11.08.2016  
 (44) 25.03.2021  
 (72) Scruggs, Stephen; Al-Ali, Ammar; Schmidt, John; Abdul-Hafiz, Yassir

Kamel; Triman, Benjamin; Macneish III, William  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Master Sinkers (Pty) Ltd  
 (11) AU-B-2016210554  
 (21) 2016210554 (22) 25.01.2016  
 (54) Shaft enlargement arrangement for a boring system  
 (51) Int. Cl.  
*E21B 10/26* ( 2006.01 )  
*E21B 7/00* ( 2006.01 )  
*E21B 7/28* ( 2006.01 )  
*E21B 12/06* ( 2006.01 )  
*E21B 27/00* ( 2006.01 )  
 (87) WO2016/116910  
 (31) 2015/05310 (32) 23.07.15 (33) ZA  
 15152341.2 23.01.15 EP  
 2015/00851 05.02.15 ZA  
 (43) 28.07.2016  
 (44) 25.03.2021  
 (72) Kleuters, Nikolaus; Pretorius, Daniel Coenraad; Jordaan, Barend Jacobus; Germishuys, Louis; Goodwin, Nicolaas Bodenstern; Sheppard, Gareth Robert  
 (74) FB Rice Pty Ltd

---

(71) Maxwell Forest Pty Ltd  
 (11) AU-B-2015333584  
 (21) 2015333584 (22) 12.10.2015  
 (54) Proximity monitoring devices and methods  
 (51) Int. Cl.  
*G06F 1/32* ( 2006.01 )  
*G08B 21/18* ( 2006.01 )  
 (87) WO2016/058041  
 (31) 62/063,320 (32) 13.10.14 (33) US  
 (43) 21.04.2016  
 (44) 25.03.2021  
 (72) Schofield, Anthony Mark; Denton, Matthew Charles  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Mayekawa Mfg. Co., Ltd.  
 (11) AU-B-2018344738  
 (21) 2018344738 (22) 05.10.2018  
 (54) Clamp device for leg meat on the bone, loading device for leg meat on the bone, and method for clamping leg meat on the bone  
 (51) Int. Cl.  
*A22C 21/00* ( 2006.01 )  
*A22C 15/00* ( 2006.01 )  
*A22C 17/00* ( 2006.01 )  
 (87) WO2019/070058  
 (31) 2017-195873 (32) 06.10.17 (33) JP  
 (43) 11.04.2019  
 (44) 25.03.2021  
 (72) CHIMURA, Takeshi; USUI, Hiroyuki; UMEHARA, Takekuni; GOTO, Osamu; KURATANI, Yuuichi  
 (74) Davies Collison Cave Pty Ltd

---

(71) Mayer, H.; Silberman, C.  
 (11) AU-B-2015287748  
 (21) 2015287748 (22) 09.07.2015

(54) Habitable support structure for observation wheels  
 (51) Int. Cl.  
*A63G 27/00* ( 2006.01 )  
 (87) WO2016/007740  
 (31) 62/022,624 (32) 09.07.14 (33) US  
 (43) 14.01.2016  
 (44) 25.03.2021  
 (72) Mayer, Haskel; Silberman, Cyril  
 (74) Davies Collison Cave Pty Ltd

---

(71) McMillan, J.  
 (11) AU-B-2016332745  
 (21) 2016332745 (22) 29.09.2016  
 (54) Percussion device  
 (51) Int. Cl.  
*E21B 1/14* ( 2006.01 )  
*B25D 11/04* ( 2006.01 )  
*B25D 11/10* ( 2006.01 )  
*B25D 16/00* ( 2006.01 )  
*E02D 7/02* ( 2006.01 )  
*E02D 7/26* ( 2006.01 )  
*E21B 4/10* ( 2006.01 )  
*E21B 6/06* ( 2006.01 )  
*E21B 7/24* ( 2006.01 )  
*E21B 31/107* ( 2006.01 )  
 (87) WO2017/056026  
 (31) 712842 (32) 30.09.15 (33) NZ  
 (43) 06.04.2017  
 (44) 25.03.2021  
 (72) McMillan, Jaron Lyell  
 (74) P L BERRY & ASSOCIATES

---

(71) Medacta International SA  
 (11) AU-B-2018389760  
 (21) 2018389760 (22) 17.12.2018  
 (54) Cutting guide for periacetabular osteotomy and kit for periacetabular osteotomy  
 (51) Int. Cl.  
*A61B 17/15* ( 2006.01 )  
*A61B 17/17* ( 2006.01 )  
*A61B 17/88* ( 2006.01 )  
 (87) WO2019/123192  
 (31) 102017000148714 (32) 22.12.17 (33) IT  
 (43) 27.06.2019  
 (44) 25.03.2021  
 (72) SICCARDI, Francesco; BERBERICH, Sascha; PONZONI, Matteo; FERRARI, Matteo  
 (74) FB Rice Pty Ltd

---

(71) Medicago Inc.  
 (11) AU-B-2015234595  
 (21) 2015234595 (22) 27.03.2015  
 (54) Modified CPMV enhancer elements  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*A01H 5/00* ( 2006.01 )  
*C12N 15/13* ( 2010.01 )  
*C12N 15/13* ( 2006.01 )  
 (87) WO2015/143567  
 (31) PCT/ (32) 28.03.14 (33) CA  
 CA2014/050326  
 61/971,274 27.03.14 US  
 (43) 01.10.2015

Applications Accepted - Name Index cont'd

(44) 25.03.2021  
 (72) D'Aoust, Marc-Andre; Lavoie, Pierre-Olivier  
 (74) Allens Patent & Trade Mark Attorneys

(71) Medos International Sàrl  
 (11) AU-B-2018280144  
 (21) 2018280144 (22) 06.06.2018  
 (54) User interface systems for sterile fields and other working environments  
 (51) Int. Cl.  
 A61B 90/00 ( 2016.01 )  
 A61B 17/00 ( 2006.01 )  
 A61B 34/00 ( 2016.01 )  
 A61B 34/20 ( 2016.01 )

(87) WO2018/226850  
 (31) 62/516,897 (32) 08.06.17 (33) US  
 (43) 13.12.2018  
 (44) 25.03.2021  
 (72) Hall, Mark; Lomeli, Roman; Hawkins, J. Riley; Richter, Joern  
 (74) Spruson & Ferguson

(71) Medtronic, Inc.  
 (11) AU-B-2018341824  
 (21) 2018341824 (22) 10.07.2018  
 (54) Therapy parameter selection based on ECAP feedback  
 (51) Int. Cl.  
 A61N 1/36 ( 2006.01 )  
 A61B 5/20 ( 2006.01 )

(87) WO2019/067059  
 (31) 15/720,848 (32) 29.09.17 (33) US  
 (43) 04.04.2019  
 (44) 25.03.2021  
 (72) TORGERSON, Nathan A.  
 (74) FB Rice Pty Ltd

(71) Medtronic PS Medical, Inc.  
 (11) AU-B-2019204541  
 (21) 2019204541 (22) 27.06.2019  
 (54) Surgical bur with non-paired flutes  
 (51) Int. Cl.  
 A61B 17/16 ( 2006.01 )  
 (43) 01.08.2019  
 (44) 25.03.2021  
 (62) 2016234968  
 (72) Kulas, John W.; Stearns, Donald E.  
 (74) FB Rice Pty Ltd

(71) Medtronic Vascular Inc.  
 (11) AU-B-2018267235  
 (21) 2018267235 (22) 17.04.2018  
 (54) Prosthetic valve delivery system and method  
 (51) Int. Cl.  
 A61F 2/24 ( 2006.01 )  
 (87) WO2018/208440  
 (31) 15/589,183 (32) 08.05.17 (33) US  
 (43) 15.11.2018  
 (44) 25.03.2021  
 (72) Anderson, Marc; Crosbie, Niall; Keogh, James R.  
 (74) FB Rice Pty Ltd

(71) Merz Pharma GmbH & Co. KGaA  
 (11) AU-B-2015348254  
 (21) 2015348254 (22) 20.11.2015  
 (54) Methods for the determination of the biological activities of neurotoxin polypeptides  
 (51) Int. Cl.  
 G01N 33/569 ( 2006.01 )  
 C07K 14/00 ( 2006.01 )  
 (87) WO2016/079310  
 (31) 14194265.6 (32) 21.11.14 (33) EP  
 (43) 26.05.2016  
 (44) 25.03.2021  
 (72) Eisele, Karl-Heinz  
 (74) Spruson & Ferguson

(71) Mestek Machinery, Inc.  
 (11) AU-B-2019222800  
 (21) 2019222800 (22) 26.08.2019  
 (54) Protection system for laser cutting machine  
 (51) Int. Cl.  
 B23K 26/02 ( 2006.01 )  
 B23K 26/08 ( 2006.01 )  
 B23K 26/16 ( 2006.01 )  
 B23K 26/70 ( 2014.01 )  
 F16P 1/06 ( 2006.01 )  
 (43) 19.09.2019  
 (44) 25.03.2021  
 (62) 2017207301  
 (72) Timmerman, Bryan; Umberger, Cody  
 (74) Davies Collison Cave Pty Ltd

(71) Metys Pharmaceuticals AG  
 (11) AU-B-2018276382  
 (21) 2018276382 (22) 30.05.2018  
 (54) Synergistic compositions comprising (R)-dimiracetam (1) and (S)-dimiracetam (2) in a non-racemic ratio  
 (51) Int. Cl.  
 A61K 31/4188 ( 2006.01 )  
 A61K 31/7068 ( 2006.01 )  
 A61K 31/7072 ( 2006.01 )  
 A61K 31/708 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 25/02 ( 2006.01 )  
 A61P 25/24 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 (87) WO2018/219977  
 (31) 17173760.4 (32) 31.05.17 (33) EP  
 (43) 06.12.2018  
 (44) 25.03.2021  
 (72) Scherz, Michael; Farina, Carlo  
 (74) Pearce IP Pty Ltd

Midea Group Co., Ltd. see Hefei Hualing Co., Ltd.  
 (21) 2019299871

Midea Group Co., Ltd. see Hefei Hualing Co., Ltd.  
 (21) 2019299872

(71) Milliken & Company  
 (11) AU-B-2019213344  
 (21) 2019213344 (22) 07.08.2019

(54) INSTALLATION OF MULTI-COMPONENT FLOOR MAT  
 (51) Int. Cl.  
 A47L 23/26 ( 2006.01 )  
 (43) 29.08.2019  
 (44) 25.03.2021  
 (62) 2016303331  
 (72) Love III, Franklin S.; Srivastava, Sudhanshu; Raghavendran, Venkatkrishna; Roberts, Brandon T.; Puthillath, Padmakumar; Kitchen, Dale S.; Dawson, Ty G.; Li, Xin; Desoiza, Christopher A.  
 (74) Phillips Ormonde Fitzpatrick

(71) Mobility View Inc.  
 (11) AU-B-2019200807  
 (21) 2019200807 (22) 06.02.2019  
 (54) System, Smart Device and Method for Apportioning Smart Device Operations and Costs  
 (51) Int. Cl.  
 H04W 4/16 ( 2009.01 )  
 H04W 4/12 ( 2009.01 )  
 H04W 4/24 ( 2009.01 )  
 H04W 8/22 ( 2009.01 )  
 (43) 21.02.2019  
 (44) 25.03.2021  
 (62) 2018211251  
 (72) DAMSTRA, Thom  
 (74) FB Rice Pty Ltd

(71) Modular Innovations Pty Ltd  
 (11) AU-B-2016204854  
 (21) 2016204854 (22) 11.07.2016  
 (54) Improved panel and post systems  
 (51) Int. Cl.  
 E04H 17/00 ( 2006.01 )  
 E01F 8/00 ( 2006.01 )  
 (43) 25.01.2018  
 (44) 25.03.2021  
 (72) HOLDEN, Nicholas  
 (74) Halfords IP

(71) Motorola Solutions, Inc.  
 (11) AU-B-2018390806  
 (21) 2018390806 (22) 11.12.2018  
 (54) Device and method for generating text representative of lip movement  
 (51) Int. Cl.  
 G10L 25/57 ( 2013.01 )  
 G06K 9/00 ( 2006.01 )  
 G10L 15/26 ( 2006.01 )  
 G10L 25/60 ( 2013.01 )  
 (87) WO2019/125825  
 (31) 15/850,814 (32) 21.12.17 (33) US  
 (43) 27.06.2019  
 (44) 25.03.2021  
 (72) VARNER, Stephen; LIN, Wei; EKL, Randy L.; LAW, Daniel A.  
 (74) Phillips Ormonde Fitzpatrick

(71) N.V. Nutricia  
 (11) AU-B-2016341805  
 (21) 2016341805 (22) 21.10.2016  
 (54) Sealing foil with pull tab  
 (51) Int. Cl.  
 B32B 15/08 ( 2006.01 )

Applications Accepted - Name Index cont'd

**B32B 3/26** ( 2006.01 )  
**B32B 15/085** ( 2006.01 )  
**B32B 15/20** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B65D 77/20** ( 2006.01 )  
**(87)** WO2017/069623  
**(31)** PCT/ (32) 22.10.15 **(33)** NL  
 NL2015/050733  
**(43)** 27.04.2017  
**(44)** 25.03.2021  
**(72)** Arts, Jos; Bunce, Martin Christopher  
**(74)** Griffith Hack

---

**(71)** Nakaya, H.  
**(11)** AU-B-2018228169  
**(21)** 2018228169 (22) 28.02.2018  
**(54)** Thermoelectric conversion module provided with photothermal conversion substrate  
**(51)** Int. Cl.  
**H01L 35/32** ( 2006.01 )  
**H02N 11/00** ( 2006.01 )  
**H01L 35/22** ( 2006.01 )  
**H01L 35/34** ( 2006.01 )  
**(87)** WO2018/159696  
**(31)** 2017-040999 (32) 03.03.17 **(33)** JP  
**(43)** 07.09.2018  
**(44)** 25.03.2021  
**(72)** Nakaya, Hiroaki  
**(74)** FB Rice Pty Ltd

---

**(71)** Nanjing Chervon Industry Co., Ltd.  
**(11)** AU-B-2018314618  
**(21)** 2018314618 (22) 20.07.2018  
**(54)** Grass mowing head and lawnmower comprising said grass mowing head  
**(51)** Int. Cl.  
**A01D 34/416** ( 2006.01 )  
**(87)** WO2019/029335  
**(31)** 201720979716.X (32) 07.08.17 **(33)** CN  
 201720979787.X 07.08.17 CN  
**(43)** 14.02.2019  
**(44)** 25.03.2021  
**(72)** GUO, Jianpeng; YAMAOKA, Toshinari; NIE, Fangjie; ZHANG, Qi; LI, Zongjing; WANG, Fei; XU, Lanxi  
**(74)** Madderns Pty Ltd

---

**(71)** National Nail Corp.  
**(11)** AU-B-2018317991  
**(21)** 2018317991 (22) 19.07.2018  
**(54)** Hidden fastener unit and related method of use  
**(51)** Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**(87)** WO2019/036146  
**(31)** 62/545,709 (32) 15.08.17 **(33)** US  
 62/635,745 27.02.18 US  
 62/674,247 21.05.18 US  
 16/011,179 18.06.18 US  
 16/011,213 18.06.18 US  
**(43)** 21.02.2019  
**(44)** 25.03.2021  
**(72)** VANDENBERG, Roger A.; HUTCHINGS, Douglas F.  
**(74)** AJ PARK

**(71)** National Presto Industries, Inc.  
**(11)** AU-B-2018346983  
**(21)** 2018346983 (22) 15.10.2018  
**(54)** Electric pressure canner with digital control  
**(51)** Int. Cl.  
**A23B 7/14** ( 2006.01 )  
**B65B 1/30** ( 2006.01 )  
**B65B 3/10** ( 2006.01 )  
**B65D 1/12** ( 2006.01 )  
**G01N 11/08** ( 2006.01 )  
**G05D 16/20** ( 2006.01 )  
**G05D 23/12** ( 2006.01 )  
**(87)** WO2019/075455  
**(31)** 62/572,080 (32) 13.10.17 **(33)** US  
**(43)** 18.04.2019  
**(44)** 25.03.2021  
**(72)** HEDRINGTON, James A.; WARWICK, Julian  
**(74)** FB Rice Pty Ltd

---

**(71)** National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.  
**(11)** AU-B-2018276617  
**(21)** 2018276617 (22) 31.05.2018  
**(54)** Functional structure and production method for functional structure  
**(51)** Int. Cl.  
**B01J 29/035** ( 2006.01 )  
**B01J 29/14** ( 2006.01 )  
**B01J 29/46** ( 2006.01 )  
**B01J 29/68** ( 2006.01 )  
**B01J 29/76** ( 2006.01 )  
**(87)** WO2018/221691  
**(31)** 2017-108584 (32) 31.05.17 **(33)** JP  
**(43)** 06.12.2018  
**(44)** 25.03.2021  
**(72)** Masuda, Takao; Nakasaka, Yuta; Yoshikawa, Takuya; Kato, Sadahiro; Fukushima, Masayuki; Inamori, Kojiro; Takahashi, Hiroko; Banba, Yuichiro; Sekine, Kaori  
**(74)** Griffith Hack

---

**(71)** NBCUniversal Media, LLC  
**(11)** AU-B-2019284018  
**(21)** 2019284018 (22) 20.12.2019  
**(54)** System and methods for processing metadata  
**(51)** Int. Cl.  
**G06F 16/45** ( 2019.01 )  
**(31)** 62/786,069 (32) 28.12.18 **(33)** US  
 16/715,965 16.12.19 US  
**(43)** 16.07.2020  
**(44)** 25.03.2021  
**(72)** SARUBIN, Horst Christopher; CHANG-FERGUSON, Anne L.  
**(74)** Spruson & Ferguson

---

**(71)** Nevro Corporation  
**(11)** AU-B-2019229328  
**(21)** 2019229328 (22) 10.09.2019  
**(54)** MEDICAL DEVICE COMMUNICATION AND CHARGING ASSEMBLIES FOR USE WITH IMPLANTABLE SIGNAL GENERATORS  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )

**(43)** 03.10.2019  
**(44)** 25.03.2021  
**(62)** 2017210564  
**(72)** Parker, Jon; Chitre, Yougandh; Walker, Andre B.  
**(74)** RnB IP Pty Ltd

---

**(71)** New Steel S.A.  
**(11)** AU-B-2015330629  
**(21)** 2015330629 (22) 14.09.2015  
**(54)** Process and system for dry improvement of iron-oxide-ore fines and super-fines through a magnetic separation unit  
**(51)** Int. Cl.  
**B03C 1/10** ( 2006.01 )  
**B03B 7/00** ( 2006.01 )  
**B03B 9/00** ( 2006.01 )  
**B03C 1/247** ( 2006.01 )  
**B03C 1/30** ( 2006.01 )  
**(87)** WO2016/054707  
**(31)** BR102014025420-0(32) 10.10.14 **(33)** BR  
**(43)** 14.04.2016  
**(44)** 25.03.2021  
**(72)** Fumyo Yamamoto, Mauro  
**(74)** Spruson & Ferguson

---

**(71)** Nicoventures Holdings Limited  
**(11)** AU-B-2018320481  
**(21)** 2018320481 (22) 17.08.2018  
**(54)** Vapour provision systems  
**(51)** Int. Cl.  
**A24F 47/00** ( 2006.01 )  
**(87)** WO2019/038521  
**(31)** 1713681.3 (32) 25.08.17 **(33)** GB  
**(43)** 28.02.2019  
**(44)** 25.03.2021  
**(72)** ANGELL, Terry Lee; SIMPSON, Alex  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Nicoventures Trading Limited  
**(11)** AU-B-2018361651  
**(21)** 2018361651 (22) 31.10.2018  
**(54)** Aerosolisable formulation  
**(51)** Int. Cl.  
**A24B 15/16** ( 2006.01 )  
**(87)** WO2019/086858  
**(31)** 1718035.7 (32) 01.11.17 **(33)** GB  
**(43)** 09.05.2019  
**(44)** 25.03.2021  
**(72)** DICKENS, Colin; CABOT, Ross; NICOL, James  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Nippon Telegraph and Telephone Corporation  
**(11)** AU-B-2018320433  
**(21)** 2018320433 (22) 16.08.2018  
**(54)** Share generating device, share converting device, secure computation system, share generation method, share conversion method, program, and recording medium  
**(51)** Int. Cl.  
**G09C 1/00** ( 2006.01 )  
**G06F 21/55** ( 2013.01 )

Applications Accepted - Name Index cont'd

**H04L 29/06** ( 2006.01 )  
**(87)** WO2019/039380  
**(31)** 2017-159345 **(32)** 22.08.17 **(33)** JP  
**(43)** 28.02.2019  
**(44)** 25.03.2021  
**(72)** IKARASHI, Dai; KIKUCHI, Ryo; CHIDA, Koji  
**(74)** Griffith Hack

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-B-2017366449  
**(21)** 2017366449 **(22)** 26.10.2017  
**(54)** Method of forming a superconductor interconnect structure  
**(51)** Int. Cl.  
**H01L 39/24** ( 2006.01 )  
**H01L 21/768** ( 2006.01 )  
**(87)** WO2018/097925  
**(31)** 15/362,400 **(32)** 28.11.16 **(33)** US  
**(43)** 31.05.2018  
**(44)** 25.03.2021  
**(72)** Kirby, Christopher F.; Rennie, Michael; O'Donnell, Daniel J.; Di Giacomo, Sandro J.  
**(74)** Spruson & Ferguson

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-B-2019206300  
**(21)** 2019206300 **(22)** 02.01.2019  
**(54)** Push-pull tunable coupling  
**(51)** Int. Cl.  
**H03K 17/92** ( 2006.01 )  
**(87)** WO2019/139800  
**(31)** 15/868,607 **(32)** 11.01.18 **(33)** US  
**(43)** 18.07.2019  
**(44)** 25.03.2021  
**(72)** KEANE, Zachary Kyle; MEDFORD, James R.  
**(74)** Davies Collison Cave Pty Ltd

**Northwestern University see Colgate-Palmolive Company**  
**(21)** 2018388878

**Novartis AG see The Trustees of the University of Pennsylvania**  
**(21)** 2014366047

**(71)** Novartis AG  
**(11)** AU-B-2018287810  
**(21)** 2018287810 **(22)** 20.06.2018  
**(54)** Licoflgozin for the treatment of non-alcoholic steatohepatitis  
**(51)** Int. Cl.  
**A61K 31/357** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**(87)** WO2018/235020  
**(31)** 62/522,735 **(32)** 21.06.17 **(33)** US  
**(43)** 27.12.2018  
**(44)** 25.03.2021  
**(72)** Klickstein, Lloyd; Meyers, C. Daniel; Ukomadu, Chinweike  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-B-2018307743  
**(21)** 2018307743 **(22)** 23.07.2018  
**(54)** Compounds and compositions for treating conditions associated with NLRP activity  
**(51)** Int. Cl.  
**C07D 213/71** ( 2006.01 )  
**A61K 31/175** ( 2006.01 )  
**C07C 381/10** ( 2006.01 )  
**C07D 205/04** ( 2006.01 )  
**C07D 207/04** ( 2006.01 )  
**C07D 207/10** ( 2006.01 )  
**C07D 217/22** ( 2006.01 )  
**C07D 231/18** ( 2006.01 )  
**C07D 231/56** ( 2006.01 )  
**C07D 263/46** ( 2006.01 )  
**C07D 265/30** ( 2006.01 )  
**C07D 277/36** ( 2006.01 )  
**C07D 307/64** ( 2006.01 )  
**C07D 333/34** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**(87)** WO2019/023147  
**(31)** 62/573,894 **(32)** 18.10.17 **(33)** US  
 62/536,271 24.07.17 US  
**(43)** 31.01.2019  
**(44)** 25.03.2021  
**(72)** Glick, Gary; Roush, William R.; Venkatraman, Shankar; Shen, Dong-Ming; Ghosh, Shomir; Katz, Jason; Seidel, Hans Martin; Franchi, Luigi; Winkler, David Guenther; Opipari Jr., Anthony William  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-B-2019279979  
**(21)** 2019279979 **(22)** 11.12.2019  
**(54)** Methods of treating FGF21-associated disorders  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 16.01.2020  
**(44)** 25.03.2021  
**(62)** 2016303545  
**(72)** Boettcher, Brian; Yowe, David Langdon; Caplan, Shari Lynn; Cebe, Regis; Li, Guochun; Taraszka, John; Xu, Fangmin  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novo Nordisk A/S  
**(11)** AU-B-2017269496  
**(21)** 2017269496 **(22)** 24.05.2017  
**(54)** MIC-1 compounds and use thereof  
**(51)** Int. Cl.  
**C07K 14/475** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/27** ( 2006.01 )  
**(87)** WO2017/202936  
**(31)** PCT/ CN2016/083104 **(32)** 24.05.16 **(33)** CN  
 PCT/ 27.10.16 CN  
 CN2016/103574  
**(43)** 30.11.2017  
**(44)** 25.03.2021  
**(72)** Zhang, Xujia; Gao, Xiang; Guan, Hongtao; Thøgersen, Henning; Sass-Ørum, Kristian; Iversen, Lars Fogh;

Nørgaard, Per; Jørgensen, Sebastian Beck; Hansen, Kristian Tage; Wang, Yi  
**(74)** Pearce IP Pty Ltd

**(71)** NuVasive, Inc.  
**(11)** AU-B-2017225796  
**(21)** 2017225796 **(22)** 02.03.2017  
**(54)** Systems and methods for spinal correction surgical planning  
**(51)** Int. Cl.  
**A61B 5/107** ( 2006.01 )  
**(87)** WO2017/151949  
**(31)** 62/302,725 **(32)** 02.03.16 **(33)** US  
**(43)** 08.09.2017  
**(44)** 25.03.2021  
**(72)** Turner, Alex; Harris, Jeffrey  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Obalon Therapeutics, Inc.  
**(11)** AU-B-2016274309  
**(21)** 2016274309 **(22)** 25.05.2016  
**(54)** Intragastric device system  
**(51)** Int. Cl.  
**A61F 5/00** ( 2006.01 )  
**(87)** WO2016/200612  
**(31)** 62/174,408 **(32)** 11.06.15 **(33)** US  
 62/207,273 19.08.15 US  
**(43)** 15.12.2016  
**(44)** 25.03.2021  
**(72)** Brister, Mark C.; Drake, Neil R.; Llaveares, Antonio C.; Nelson, Sheldon; Proctor, Daniel J.; Rasdal, Andrew P.; Sundseth, Keoni John; Vandenberg, Amy D.L.; Wong, Betty  
**(74)** Shelston IP Pty Ltd.

**Ohana, P. see Lipomedix Pharmaceuticals Ltd.**  
**(21)** 2016233143

**(71)** Olipass Corporation  
**(11)** AU-B-2017390396  
**(21)** 2017390396 **(22)** 29.12.2017  
**(54)** SNAP25 antisense oligonucleotides  
**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2018/127733  
**(31)** 62/443,262 **(32)** 06.01.17 **(33)** US  
**(43)** 12.07.2018  
**(44)** 25.03.2021  
**(72)** Jung, Daram; Jang, Kangwon; Cho, Bongjun; Shin, Min Wook; Jeon, Hyun Ju; Kim, Soyoun  
**(74)** Pearce IP Pty Ltd

**Omron Healthcare Co., Ltd see Colgate-Palmolive Company**  
**(21)** 2020201539

**(71)** Orlar Pty Ltd  
**(11)** AU-B-2019316712  
**(21)** 2019316712 **(22)** 06.08.2019  
**(54)** Horticultural apparatus and methods

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**A01G 9/02** ( 2018.01 )  
**A01G 9/14** ( 2006.01 )  
**A01G 31/02** ( 2006.01 )  
(87) WO2020/028940  
(31) 2018902877 (32) 08.08.18 (33) AU  
(43) 13.02.2020  
(44) 25.03.2021  
(72) HUGO, Lyndal Gaye  
(74) Michael Buck IP

(71) Ortho Regenerative Technologies Inc.  
(11) AU-B-2019201746  
(21) 2019201746 (22) 13.03.2019  
(54) FREEZE-DRIED POLYMER COMPOSITIONS FOR MIXING WITH PLATELET RICH PLASMA TO FORM IMPLANTS FOR TISSUE REPAIR AND/OR COMPOSITIONS FOR THERAPEUTIC INTRA-ARTICULAR INJECTIONS  
(51) Int. Cl.  
**A61L 27/20** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 31/722** ( 2006.01 )  
**A61K 35/16** ( 2006.01 )  
**A61L 24/08** ( 2006.01 )  
**A61L 27/50** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C08J 3/12** ( 2006.01 )  
**C08J 3/20** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )

(43) 04.04.2019  
(44) 25.03.2021  
(62) 2015221389  
(72) Chevrier, Anik; Buschmann, Michael D.; Veilleux, Daniel; Hoemann, Caroline; Lavertu, Marc  
(74) Jones Tulloch

(71) Otonexus Medical Technologies, Inc  
(11) AU-B-2016292652  
(21) 2016292652 (22) 25.02.2016  
(54) Apparatus and method for characterization of acute otitis media

(51) Int. Cl.  
**A61B 5/12** ( 2006.01 )  
**G01H 15/00** ( 2006.01 )  
**G01H 17/00** ( 2006.01 )  
(87) WO2017/011035  
(31) 14/797,181 (32) 13.07.15 (33) US  
(43) 19.01.2017  
(44) 25.03.2021  
(72) Moehring, Mark; Chesavage, Jay; Singh, Rahul; Kreindler, Danny; Gates, George  
(74) AJ PARK

(71) Outotec (Finland) Oy  
(11) AU-B-2018326133  
(21) 2018326133 (22) 26.07.2018  
(54) Automatic quick response temperature measurement for rotary kilns  
(51) Int. Cl.  
**F27B 7/42** ( 2006.01 )  
**F27D 19/00** ( 2006.01 )  
**F27D 21/00** ( 2006.01 )  
**G01K 1/14** ( 2006.01 )  
(87) WO2019/042668  
(31) 10 2017 119 989.6 (32) 31.08.17 (33) DE

(43) 07.03.2019  
(44) 25.03.2021  
(72) OERTEL, Nils; SCHMIDT, Eugen; SCHULAKOW-KLASS, Andrej; FORM-ANEK, Lothar  
(74) Griffith Hack

(71) Outotec (Finland) Oy  
(11) AU-B-2019269518  
(21) 2019269518 (22) 05.04.2019  
(54) Method for recovering lithium hydroxide  
(51) Int. Cl.  
**C01D 15/02** ( 2006.01 )  
**C01D 15/08** ( 2006.01 )  
**C22B 26/12** ( 2006.01 )  
(87) WO2019/220004  
(31) PCT/ FI2018/050377 (32) 18.05.18 (33) FI  
(43) 21.11.2019  
(44) 25.03.2021  
(72) TIIHONEN, Marika; HAAVANLAMMI, Liisa; KOLEHMAINEN, Eero; KINNUNEN, Sami; SAVIKANGAS, Juho  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Paradigm Spine, LLC  
(11) AU-B-2016303648  
(21) 2016303648 (22) 29.07.2016  
(54) Interspinous stabilization and fusion device  
(51) Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
(87) WO2017/023800  
(31) 62/199,433 (32) 31.07.15 (33) US  
(43) 09.02.2017  
(44) 25.03.2021  
(72) Ganter, Detlev; Eisen, Guntmar; Eckhof, Stephan  
(74) HopgoodGanin

PERLMAN, T. see HOEL, S.  
(21) 2019201413

(71) Perspectum Diagnostics Ltd  
(11) AU-B-2018350632  
(21) 2018350632 (22) 12.10.2018  
(54) Method and apparatus for imaging an organ  
(51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**G06T 7/10** ( 2017.01 )  
(87) WO2019/076775  
(31) 1717026.7 (32) 17.10.17 (33) GB  
(43) 25.04.2019  
(44) 25.03.2021  
(72) IRVING, Benjamin John; HUTTON, Chloe; PROFESSOR SIR BRADY, John Michael  
(74) FB Rice Pty Ltd

(71) Phoenix Biotechnology, Inc.  
(11) AU-B-2020220204  
(21) 2020220204 (22) 14.07.2020

(54) Method and compositions for treating Coronavirus infection  
(51) Int. Cl.  
**A61K 31/7048** ( 2006.01 )  
**A61K 31/7028** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
(31) 63/002,735 (32) 31.03.20 (33) US  
63/010,246 15.04.20 US  
63/014,294 23.04.20 US  
63/017,263 29.04.20 US  
63/021,512 07.05.20 US  
63/029,530 24.05.20 US  
63/034,800 04.06.20 US  
16/895,920 08.06.20 US  
63/042,656 23.06.20 US  
63/051,576 14.07.20 US  
(43) 25.03.2021  
(44) 25.03.2021  
(72) NEWMAN, Robert A.; ADDINGTON, Otis C.; OBISO, Richard  
(74) Spruson & Ferguson

(71) PhysiOL SA  
(11) AU-B-2016306634  
(21) 2016306634 (22) 12.08.2016  
(54) Trifocal intraocular lens with extended range of vision and correction of longitudinal chromatic aberration  
(51) Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**G02B 5/18** ( 2006.01 )  
(87) WO2017/025624  
(31) 15180752.6 (32) 12.08.15 (33) EP  
(43) 16.02.2017  
(44) 25.03.2021  
(72) Pagnoulle, Christophe Robert Marie Armand; Redzovic, Suad; Voisin, Laure; Gatinel, Damien; Loicq, Jerome Jean D  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Pioneer Hi-Bred International, Inc.  
(11) AU-B-2015307220  
(21) 2015307220 (22) 07.07.2015  
(54) Methods and devices involving oil matrices  
(51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
(87) WO2016/032629  
(31) 14/473,183 (32) 29.08.14 (33) US  
14/473,114 29.08.14 US  
(43) 03.03.2016  
(44) 25.03.2021  
(72) Arnold, Randal; Barreiro, Roberto; Cope, Matthew Paul; Hunter, Clifford Paul; Schares, Justin Andrew; Wu, Xinli Emily; Yun, Yue  
(74) Houlihan<sup>2</sup> Pty Ltd

Pioneer Hi-Bred International, Inc. see The Johns Hopkins University  
(21) 2016250009

(71) PlanetAir Turf Products, LLC  
(11) AU-B-2020201209  
(21) 2020201209 (22) 19.02.2020



Applications Accepted - Name Index cont'd

(54) AERATION APPARATUS AND METHODS  
 (51) Int. Cl.  
**A01B 45/02** ( 2006.01 )  
 (43) 12.03.2020  
 (44) 25.03.2021  
 (62) 2016211483  
 (72) Maas, David R.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Platinum Press, Inc.  
 (11) AU-B-2018393124  
 (21) 2018393124 (22) 14.09.2018  
 (54) Method for compactly folding paper and product  
 (51) Int. Cl.  
**B65H 45/00** ( 2006.01 )  
 (43) 02.04.2020  
 (44) 25.03.2021  
 (72) Luviano, Ruben; Miller, Tom  
 (74) Davies Collison Cave Pty Ltd

(71) Precision Planting LLC  
 (11) AU-B-2017326434  
 (21) 2017326434 (22) 15.09.2017  
 (54) Systems, methods, and apparatus for agricultural material application  
 (51) Int. Cl.  
**A01B 49/06** ( 2006.01 )  
**A01B 15/18** ( 2006.01 )  
**A01B 49/04** ( 2006.01 )  
**A01C 5/06** ( 2006.01 )  
**A01C 5/08** ( 2006.01 )  
**A01C 7/06** ( 2006.01 )  
**A01C 15/00** ( 2006.01 )  
 (87) WO2018/053274  
 (31) 62/395,840 (32) 16.09.16 (33) US  
 62/423,724 17.11.16 US  
 62/436,935 20.12.16 US  
 62/447,810 18.01.17 US  
 62/526,201 28.06.17 US  
 (43) 22.03.2018  
 (44) 25.03.2021  
 (72) Hodel, Jeremy; Urbaniak, Doug  
 (74) Spruson & Ferguson

(71) President and Fellows of Harvard College  
 (11) AU-B-2016233335  
 (21) 2016233335 (22) 16.03.2016  
 (54) Automated membrane fabrication system  
 (51) Int. Cl.  
**B29C 41/18** ( 2006.01 )  
**B29C 33/20** ( 2006.01 )  
**B29C 41/38** ( 2006.01 )  
 (87) WO2016/149394  
 (31) 62/134,550 (32) 17.03.15 (33) US  
 (43) 22.09.2016  
 (44) 25.03.2021  
 (72) Coon, James; Hamkins-Indik, Tiama; Ingber, Donald E.; Ingram, Miles; Levner, Daniel; Novak, Richard; Puerta, Jefferson; Shea, Daniel E.; Sliz, Josiah; Wen, Norman  
 (74) Davies Collison Cave Pty Ltd

(71) President and Fellows of Harvard College; The General Hospital Corporation; The Children's Medical Center Corporation  
 (11) AU-B-2016246707  
 (21) 2016246707 (22) 06.04.2016  
 (54) Compositions and methods for non-myeloablative conditioning  
 (51) Int. Cl.  
**C07K 4/04** ( 2006.01 )  
**A61K 35/28** ( 2015.01 )  
**C12N 5/0789** ( 2010.01 )  
 C12R 1/07 ( 2006.01 )  
 C12R 1/16 ( 2006.01 )  
 (87) WO2016/164502  
 (31) 62/143,642 (32) 06.04.15 (33) US  
 62/239,573 09.10.15 US  
 62/220,204 17.09.15 US  
 62/221,595 21.09.15 US  
 (43) 13.10.2016  
 (44) 25.03.2021  
 (72) Scadden, David T.; Palchaudhuri, Rahul; Rossi, Derrick J.; Czechowicz, Agnieszka D.  
 (74) Shelston IP Pty Ltd.

(71) President and Fellows of Harvard College  
 (11) AU-B-2019216665  
 (21) 2019216665 (22) 15.08.2019  
 (54) RNA-guided human genome engineering  
 (51) Int. Cl.  
**C12N 15/00** ( 2006.01 )  
 (43) 05.09.2019  
 (44) 25.03.2021  
 (62) 2013363194  
 (72) CHURCH, George M.; MALI, Prashant; YANG, Luhan  
 (74) Davies Collison Cave Pty Ltd

(71) Prof. Reymond & Hetzel GBR  
 (11) AU-B-2019334039  
 (21) 2019334039 (22) 29.08.2019  
 (54) Medical instrument for the targeted introduction of a substance into a body cavity, and tool therefor  
 (51) Int. Cl.  
**A61M 13/00** ( 2006.01 )  
**A61M 11/00** ( 2006.01 )  
 (87) WO2020/048626  
 (31) 10 2018 121 513.4 (32) 04.09.18 (33) DE  
 (43) 12.03.2020  
 (44) 25.03.2021  
 (72) Hetzel, Alexander; Reymond, Marc  
 (74) FPA Patent Attorneys Pty Ltd

(71) Progress Rail Locomotive Inc.  
 (11) AU-B-2015317538  
 (21) 2015317538 (22) 18.09.2015  
 (54) Operator fatigue monitoring system  
 (51) Int. Cl.  
**G08B 21/02** ( 2006.01 )  
**G08B 3/10** ( 2006.01 )  
**G08B 21/18** ( 2006.01 )  
 (87) WO2016/044678  
 (31) 14/820,281 (32) 06.08.15 (33) US  
 62/053,164 21.09.14 US  
 (43) 24.03.2016

(44) 25.03.2021  
 (72) Melas, Dennis John; Semple, John David  
 (74) FPA Patent Attorneys Pty Ltd

(71) Prysmian S.p.A.  
 (11) AU-B-2015396467  
 (21) 2015396467 (22) 27.05.2015  
 (54) Aerial optical and electric cable assembly  
 (51) Int. Cl.  
**G02B 6/44** ( 2006.01 )  
**H01B 9/00** ( 2006.01 )  
**H01B 11/22** ( 2006.01 )  
 (87) WO2016/188570  
 (43) 01.12.2016  
 (44) 25.03.2021  
 (72) Sutehall, Ralph; Davies, Martin Vincent  
 (74) Davies Collison Cave Pty Ltd

(71) Psomagen, Inc.  
 (11) AU-B-2015209718  
 (21) 2015209718 (22) 09.01.2015  
 (54) Method and system for microbiome analysis  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (87) WO2015/112352  
 (31) 62/024,947 (32) 15.07.14 (33) US  
 61/931,612 25.01.14 US  
 61/953,683 14.03.14 US  
 (43) 30.07.2015  
 (44) 25.03.2021  
 (72) Apte, Zachary; Richman, Jessica  
 (74) Clark Intellectual Property Pty Ltd

(71) PTC Therapeutics, Inc.  
 (11) AU-B-2016369616  
 (21) 2016369616 (22) 17.12.2016  
 (54) Fluoroalkyl, fluoroalkoxy, phenoxy, heteroaryloxy, alkoxy, and amine 1,4-benzoquinone derivatives for treatment of oxidative stress disorders  
 (51) Int. Cl.  
**C07C 50/24** ( 2006.01 )  
**A61K 31/122** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**C07C 50/28** ( 2006.01 )  
**C07D 207/06** ( 2006.01 )  
 (87) WO2017/106803  
 (31) 62/269,016 (32) 17.12.15 (33) US  
 (43) 22.06.2017  
 (44) 25.03.2021  
 (72) Hinman, Andrew W.; Richards, Steven J.  
 (74) FB Rice Pty Ltd

(71) Qingdao Haier Co., Ltd.  
 (11) AU-B-2018388155  
 (21) 2018388155 (22) 15.11.2018  
 (54) Water storage device and refrigerator having the same  
 (51) Int. Cl.  
**F25D 23/12** ( 2006.01 )  
 (87) WO2019/120009  
 (31) 201711409540.5 (32) 23.12.17 (33) CN  
 (43) 27.06.2019

Applications Accepted - Name Index cont'd

- (44) 25.03.2021  
(72) ZHU, Xiaobing; ZHANG, Yanqing; XUE, Jianjun  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Co., Ltd.  
(11) AU-B-2018388156  
(21) 2018388156 (22) 15.11.2018  
(54) Water storage device and refrigerator having the same  
(51) Int. Cl.  
F25D 23/12 ( 2006.01 )  
(87) WO2019/120010  
(31) 201711407449.X (32) 23.12.17 (33) CN  
(43) 27.06.2019  
(44) 25.03.2021  
(72) ZHU, Xiaobing; ZHANG, Yanqing; XUE, Jianjun  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Co., Ltd.  
(11) AU-B-2019302855  
(21) 2019302855 (22) 26.04.2019  
(54) Refrigerator cooling system  
(51) Int. Cl.  
F25D 11/02 ( 2006.01 )  
F25B 1/00 ( 2006.01 )  
F25B 41/00 ( 2021.01 )  
(87) WO2020/010897  
(31) 201810771514.5 (32) 13.07.18 (33) CN  
(43) 16.01.2020  
(44) 25.03.2021  
(72) HAN, Cong; TIAN, Zhenhua; HAN, Xue-feng  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2018295815  
(21) 2018295815 (22) 29.06.2018  
(54) Refrigerator  
(51) Int. Cl.  
E05D 11/10 ( 2006.01 )  
F25D 23/02 ( 2006.01 )  
(87) WO2019/007266  
(31) 201710528803.8 (32) 01.07.17 (33) CN  
(43) 10.01.2019  
(44) 25.03.2021  
(72) Xia, Enpin; Zhang, Hao; Zhu, Xiaobing  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2018295820  
(21) 2018295820 (22) 29.06.2018  
(54) Refrigerator  
(51) Int. Cl.  
F25D 23/02 ( 2006.01 )  
(87) WO2019/007271  
(31) 201710528836.2 (32) 01.07.17 (33) CN  
(43) 10.01.2019  
(44) 25.03.2021  
(72) Zhang, Hao; Xia, Enpin; Yang, Chun; Zhu, Xiaobing  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2018295821  
(21) 2018295821 (22) 29.06.2018  
(54) Refrigerator  
(51) Int. Cl.  
F25D 23/02 ( 2006.01 )  
(87) WO2019/007274  
(31) 201710528830.5 (32) 01.07.17 (33) CN  
(43) 10.01.2019  
(44) 25.03.2021  
(72) Xia, Enpin; Zhang, Hao; Zhu, Xiaobing  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2018295823  
(21) 2018295823 (22) 29.06.2018  
(54) Refrigerator  
(51) Int. Cl.  
F25D 11/00 ( 2006.01 )  
E05D 3/18 ( 2006.01 )  
(87) WO2019/007277  
(31) 201710528837.7 (32) 01.07.17 (33) CN  
(43) 10.01.2019  
(44) 25.03.2021  
(72) Zhang, Hao; Xia, Enpin; Zhu, Xiaobing  
(74) Shelston IP Pty Ltd.
- 
- (71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2018295824  
(21) 2018295824 (22) 29.06.2018  
(54) Refrigerator  
(51) Int. Cl.  
F25D 23/02 ( 2006.01 )  
(87) WO2019/007278  
(31) 201710528821.6 (32) 01.07.17 (33) CN  
(43) 10.01.2019  
(44) 25.03.2021  
(72) Zhang, Hao; Xia, Enpin; Zhu, Xiaobing  
(74) Shelston IP Pty Ltd.
- 
- (71) Qualcomm Incorporated  
(11) AU-B-2016362088  
(21) 2016362088 (22) 11.11.2016  
(54) Method and apparatus for decoupling uplink latency using common uplink burst in TDD subframe structure  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
H04L 5/14 ( 2006.01 )  
(87) WO2017/095607  
(31) 15/211,604 (32) 15.07.16 (33) US  
62/263,466 04.12.15 US  
(43) 08.06.2017  
(44) 25.03.2021  
(72) Zeng, Wei; Ji, Tingfang; Soriaga, Joseph Binamira; Smee, John; Bhushan, Naga  
(74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
(11) AU-B-2018388451  
(21) 2018388451 (22) 11.12.2018  
(54) System and method of floating point multiply operation processing  
(51) Int. Cl.  
G06F 7/523 ( 2006.01 )  
G06F 7/53 ( 2006.01 )  
(87) WO2019/125835  
(31) 15/851,390 (32) 21.12.17 (33) US
- 
- (43) 27.06.2019  
(44) 25.03.2021  
(72) DANYSH, Albert; PLONDKE, Erich; MAHURIN, Eric  
(74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
(11) AU-B-2019284020  
(21) 2019284020 (22) 20.12.2019  
(54) DOWNLINK AND UPLINK CHANNEL WITH LOW LATENCY  
(51) Int. Cl.  
H04W 72/12 ( 2009.01 )  
H04W 72/04 ( 2009.01 )  
(43) 23.01.2020  
(44) 25.03.2021  
(62) 2018275007  
(72) Xu, Hao; Gaal, Peter; Damjanovic, Aleksandar; Chen, Wanshi; Wei, Yongbin; Malladi, Durga Prasad  
(74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
(11) AU-B-2020200053  
(21) 2020200053 (22) 03.01.2020  
(54) PUCCH FOR MTC DEVICES  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
H04L 1/18 ( 2006.01 )  
H04L 5/00 ( 2006.01 )  
H04W 4/00 ( 2009.01 )  
(43) 30.01.2020  
(44) 25.03.2021  
(62) 2015343429  
(72) Chen, Wanshi; Gaal, Peter; Xu, Hao  
(74) Madderns Pty Ltd
- 
- (71) QUALICON DIAGNOSTICS, LLC  
(11) AU-B-2015289612  
(21) 2015289612 (22) 16.07.2015  
(54) Sequences and their use for detection of Listeria monocytogenes  
(51) Int. Cl.  
C12Q 1/68 ( 2006.01 )  
(87) WO2016/011255  
(31) 62/026,135 (32) 18.07.14 (33) US  
(43) 21.01.2016  
(44) 25.03.2021  
(72) Blumerman, Seth L.; Varkey, Stephen; Jensen, Mark A.; Demarco, Daniel R.  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Ralco Nutrition, Inc.  
(11) AU-B-2016264468  
(21) 2016264468 (22) 19.05.2016  
(54) Essential oil compositions and applications utilizing essential oils  
(51) Int. Cl.  
A23K 10/30 ( 2016.01 )  
A23K 50/30 ( 2016.01 )  
A23K 50/75 ( 2016.01 )  
A23K 50/80 ( 2016.01 )  
A23L 27/10 ( 2016.01 )  
A61K 36/53 ( 2006.01 )  
A61K 36/54 ( 2006.01 )  
C11B 9/00 ( 2006.01 )  
(87) WO2016/187422

Applications Accepted - Name Index cont'd

(31) 62/163,625 (32) 19.05.15 (33) US  
 (43) 24.11.2016  
 (44) 25.03.2021  
 (72) Lamb, Richard Dale  
 (74) Dark IP

(71) Rani Therapeutics, LLC  
 (11) AU-B-2019201008  
 (21) 2019201008 (22) 13.02.2019  
 (54) Device for oral delivery of therapeutic compounds

(51) Int. Cl.  
 A61J 3/07 ( 2006.01 )  
 A61K 9/48 ( 2006.01 )  
 A61K 9/52 ( 2006.01 )

(43) 07.03.2019  
 (44) 25.03.2021  
 (62) 2014240401  
 (72) IMRAN, Mir; HERRMANN, Peter;  
 SYED, Baber; WILLIAMS, Timothy H.;  
 JIN ONG, Chang; METHOD, Greg  
 (74) Spruson & Ferguson

(71) RCM Enterprise, LLC  
 (11) AU-B-2016311439  
 (21) 2016311439 (22) 25.08.2016

(54) Bio-mechanical prosthetic thumb  
 (51) Int. Cl.  
 A61F 2/00 ( 2006.01 )  
 A61F 2/42 ( 2006.01 )  
 A61F 2/50 ( 2006.01 )  
 A61F 2/54 ( 2006.01 )  
 A61F 2/56 ( 2006.01 )  
 A61F 2/58 ( 2006.01 )  
 A61F 5/00 ( 2006.01 )

(87) WO2017/035387  
 (31) 62/209,833 (32) 25.08.15 (33) US  
 (43) 02.03.2017  
 (44) 25.03.2021  
 (72) Thompson Jr., Robert; Bengtsson, Jon;  
 Macduff, Charles Colin; Peto, Charles  
 Anthony; Minnis, Sydney Tye; Klumper,  
 Eric Dennis; Crittenden, Bradley Arthur  
 (74) CreatelP

(71) redpath, r.  
 (11) AU-B-2018253633  
 (21) 2018253633 (22) 28.10.2018  
 (54) LASER LIGHT STRIPING APPARATUS

(51) Int. Cl.  
 G02B 27/09 ( 2006.01 )  
 F21V 14/00 ( 2018.01 )  
 G02B 27/20 ( 2006.01 )  
 G06T 7/20 ( 2017.01 )

(43) 14.05.2020  
 (44) 25.03.2021  
 (72) redpath, richard  
 (74) richard redpath

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2015264189  
 (21) 2015264189 (22) 20.05.2015  
 (54) Human antibodies to Middle East Respiratory Syndrome -Coronavirus spike protein  
 (51) Int. Cl.  
 C07K 16/08 ( 2006.01 )

A61K 39/00 ( 2006.01 )  
 A61K 39/215 ( 2006.01 )  
 (87) WO2015/179535  
 (31) 62/072,716 (32) 30.10.14 (33) US  
 62/002,233 23.05.14 US  
 62/004,971 30.05.14 US  
 62/051,717 17.09.14 US

(43) 26.11.2015  
 (44) 25.03.2021  
 (72) Kyratsous, Christos; Stahl, Neil; Sivapalasingam, Sumathi  
 (74) Griffith Hack

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2015279642  
 (21) 2015279642 (22) 26.06.2015  
 (54) Methods and compositions for targeted genetic modifications and methods of use

(51) Int. Cl.  
 C12N 5/0735 ( 2010.01 )  
 C12N 15/85 ( 2006.01 )  
 C12N 15/873 ( 2010.01 )  
 C12N 15/90 ( 2006.01 )

(87) WO2015/200805  
 (31) 62/017,582 (32) 26.06.14 (33) US  
 62/017,627 26.06.14 US

(43) 30.12.2015  
 (44) 25.03.2021  
 (72) Frendewey, David; Droguett, Gustavo; Gagliardi, Anthony; Kuno, Junko; Auerbach, Wojtek; Valenzuela, David M.

(74) Phillips Ormonde Fitzpatrick

(71) Regents of the University of Minnesota  
 (11) AU-B-2020202458  
 (21) 2020202458 (22) 09.04.2020  
 (54) Spectral-spatial imaging device

(51) Int. Cl.  
 G01J 3/02 ( 2006.01 )  
 G01J 3/28 ( 2006.01 )

(43) 07.05.2020  
 (44) 25.03.2021  
 (62) 2017229876  
 (72) Vince, Robert; More, Swati Sudhakar; Beach, James Melvin  
 (74) FPA Patent Attorneys Pty Ltd

(71) RES, G.  
 (11) AU-B-2015201770  
 (21) 2015201770 (22) 08.04.2015  
 (54) SELF EXCITING ALTERNATOR CIRCUIT

(51) Int. Cl.  
 H02P 9/38 ( 2006.01 )  
 (31) 2014901266 (32) 08.04.14 (33) AU  
 (43) 22.10.2015

(44) 25.03.2021  
 (72) RES, GIULIANO  
 (74) Walsh & Associates

(71) Rohm and Haas Company  
 (11) AU-B-2016201500  
 (21) 2016201500 (22) 08.03.2016  
 (54) BIMORPHOLOGICAL LATEX  
 (51) Int. Cl.

C08F 2/24 ( 2006.01 )  
 B82Y 30/00 ( 2011.01 )  
 C08F 30/02 ( 2006.01 )  
 C08F 265/06 ( 2006.01 )  
 C08F 275/00 ( 2006.01 )  
 C08L 51/06 ( 2006.01 )  
 C09C 1/36 ( 2006.01 )  
 C09D 151/06 ( 2006.01 )

(31) 62/137,319 (32) 24.03.15 (33) US  
 (43) 13.10.2016  
 (44) 25.03.2021  
 (72) Bohling, James C.; Brownell, Arnold S.; Gao, Wei; Killian, Ericka Lynn; Tiwary, Yogesh  
 (74) Phillips Ormonde Fitzpatrick

(71) Rohm and Haas Company; Dow Global Technologies LLC  
 (11) AU-B-2017293355

(21) 2017293355 (22) 27.06.2017  
 (54) Compositions comprising polyether-urethane-urea additives for block resistance and open time

(51) Int. Cl.  
 C08G 18/48 ( 2006.01 )  
 C08G 18/22 ( 2006.01 )  
 C08G 18/28 ( 2006.01 )  
 C08G 18/32 ( 2006.01 )  
 C08G 18/66 ( 2006.01 )  
 C08G 18/73 ( 2006.01 )  
 C08G 18/75 ( 2006.01 )  
 C08G 18/79 ( 2006.01 )  
 C09D 5/02 ( 2006.01 )

(87) WO2018/009370  
 (31) 62/358,224 (32) 05.07.16 (33) US  
 (43) 11.01.2018  
 (44) 25.03.2021  
 (72) Brennan, David J.; Cardoen, Gregoire; Derocher, Jonathan; Rabasco, John J.; Van Dyk, Antony K.; Yeung, Kimy  
 (74) Phillips Ormonde Fitzpatrick

(71) S. C. Johnson & Son, Inc.  
 (11) AU-B-2019312110  
 (21) 2019312110 (22) 18.06.2019  
 (54) Refill for holding volatile materials  
 (51) Int. Cl.

A61L 9/12 ( 2006.01 )  
 (87) WO2020/023129  
 (31) 16/045,165 (32) 25.07.18 (33) US  
 (43) 30.01.2020  
 (44) 25.03.2021  
 (72) PIEPER, Gregory G.; STOLZENBACH, Ryan; RICHARD, Jesse; MAGGARD Jr., Richard D.  
 (74) Spruson & Ferguson

(71) Saint-Gobain Isover  
 (11) AU-B-2015373310  
 (21) 2015373310 (22) 21.12.2015  
 (54) Method for measuring inside a batt of mineral or plant fibres  
 (51) Int. Cl.

D04H 1/4218 ( 2012.01 )  
 B29C 35/02 ( 2006.01 )  
 B29C 67/24 ( 2006.01 )  
 D04H 1/4226 ( 2012.01 )  
 D04H 1/58 ( 2006.01 )

Applications Accepted - Name Index cont'd

**F27B 9/10** ( 2006.01 )  
**(87)** WO2016/108006  
**(31)** 1463391 **(32)** 29.12.14 **(33)** FR  
**(43)** 07.07.2016  
**(44)** 25.03.2021  
**(72)** Pelini, Claire; Zowada, Artur; Asensio Bazterra, Francisco Javier  
**(74)** Griffith Hack

---

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2016209748  
**(21)** 2016209748 **(22)** 21.01.2016  
**(54)** Electronic device and transaction method using the same  
**(51)** Int. Cl.  
**G06Q 20/12** ( 2012.01 )  
**G06K 19/077** ( 2006.01 )  
**G06Q 20/16** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**(87)** WO2016/117955  
**(31)** 62/106,059 **(32)** 21.01.15 **(33)** US  
 10-2015-0141850 08.10.15 KR  
**(43)** 28.07.2016  
**(44)** 25.03.2021  
**(72)** Lee, Woo-Sup; Chun, Jae-Bong; Hong, Hyun-Ju; Park, Jung-Sik  
**(74)** Griffith Hack

---

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2016209823  
**(21)** 2016209823 **(22)** 21.01.2016  
**(54)** Electronic device and transaction method using the same  
**(51)** Int. Cl.  
**G06Q 20/16** ( 2012.01 )  
**G06K 7/08** ( 2006.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**(87)** WO2016/117951  
**(31)** 62/106,053 **(32)** 21.01.15 **(33)** US  
 10-2015-0100129 14.07.15 KR  
**(43)** 28.07.2016  
**(44)** 25.03.2021  
**(72)** Lee, Woo-Sup; Hong, Hyun-Ju; Kim, Youn-Ju; Chun, Jae-Bong; Park, Jung-Sik  
**(74)** Griffith Hack

---

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2016324578  
**(21)** 2016324578 **(22)** 13.09.2016  
**(54)** Camera module including multi-lens and electronic device having the same  
**(51)** Int. Cl.  
**G02B 7/09** ( 2006.01 )  
**G02B 7/02** ( 2006.01 )  
**H04N 5/225** ( 2006.01 )  
**H04N 5/232** ( 2006.01 )  
**(87)** WO2017/048081  
**(31)** 10-2015-0131692 **(32)** 17.09.15 **(33)** KR  
**(43)** 23.03.2017  
**(44)** 25.03.2021  
**(72)** Hwang, Youngjae; Byon, Kwangseok; Kim, Jungsoo  
**(74)** Griffith Hack

**(71)** Sandvik Intellectual Property AB  
**(11)** AU-B-2015383597  
**(21)** 2015383597 **(22)** 16.02.2015  
**(54)** Transport unit, material transfer structure, material transfer unit, mobile haulage arrangement method  
**(51)** Int. Cl.  
**B65G 41/00** ( 2006.01 )  
**B65G 15/60** ( 2006.01 )  
**E21F 13/02** ( 2006.01 )  
**B65G 15/08** ( 2006.01 )  
**(87)** WO2016/131468  
**(43)** 25.08.2016  
**(44)** 25.03.2021  
**(72)** Dampfhofer, Stefan; Rieger, Hubert  
**(74)** Griffith Hack

---

**(71)** Sanofi  
**(11)** AU-B-2015278829  
**(21)** 2015278829 **(22)** 26.06.2015  
**(54)** Anti-IL4-IL 13 bispecific antibodies  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2015/198146  
**(31)** 14306477.2 **(32)** 24.09.14 **(33)** EP  
 62/102,555 12.01.15 US  
 62/102,097 11.01.15 US  
 62/018,253 27.06.14 US  
**(43)** 30.12.2015  
**(44)** 25.03.2021  
**(72)** Esperet, Corrine; Jagerschmied, Alexandre; Soubrane, Christina; Subramaniam, Arun  
**(74)** Griffith Hack

---

**(71)** Sarong Societa' Per Azioni  
**(11)** AU-B-2020200129  
**(21)** 2020200129 **(22)** 08.01.2020  
**(54)** Capsule for beverages  
**(51)** Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**(43)** 30.01.2020  
**(44)** 25.03.2021  
**(62)** 2015221757  
**(72)** BARTOLI, Andrea; CAPITINI, Davide  
**(74)** FB Rice Pty Ltd

---

**(71)** Scholle IPN Corporation  
**(11)** AU-B-2019205020  
**(21)** 2019205020 **(22)** 12.07.2019  
**(54)** METHOD FOR ASEPTIC FILLING OF POUCHES  
**(51)** Int. Cl.  
**B65B 55/04** ( 2006.01 )  
**B65B 3/00** ( 2006.01 )  
**B65B 55/10** ( 2006.01 )  
**(43)** 01.08.2019  
**(44)** 25.03.2021  
**(62)** 2016325449  
**(72)** Meijden, Wim Van Der; Holsink, J.A.M.; Miltenburg, W.H. Th.; Fitzgerald, Sean; Fiere, Jeroen Pieter; Mueller, Chad; Murray, Christopher; Bellmore, David  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Seb S.A.  
**(11)** AU-B-2018350951

**(21)** 2018350951 **(22)** 12.10.2018  
**(54)** Electrical cooking appliance having an draining support with a lid  
**(51)** Int. Cl.  
**A47J 37/12** ( 2006.01 )  
**(87)** WO2019/077242  
**(31)** 1759688 **(32)** 16.10.17 **(33)** FR  
**(43)** 25.04.2019  
**(44)** 25.03.2021  
**(72)** DIRAND, Pascal; SARTOUT, Pierre; SEURAT, Frédéric  
**(74)** Griffith Hack

---

**(71)** Seminis Vegetable Seeds, Inc.  
**(11)** AU-B-2020239701  
**(21)** 2020239701 **(22)** 23.09.2020  
**(54)** METHODS AND ASSAYS FOR MALE STERILE WATERMELON  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**A01H 1/00** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**(43)** 15.10.2020  
**(44)** 25.03.2021  
**(62)** 2015203114  
**(72)** Bachlava, Eleni; Joobeur, Tarek; Tolla, Gregory E.  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Serac Group  
**(11)** AU-B-2016278780  
**(21)** 2016278780 **(22)** 14.06.2016  
**(54)** Facility for sterilising items by radiation providing the movement and changes in the orientation of the items  
**(51)** Int. Cl.  
**A61L 2/08** ( 2006.01 )  
**B65G 47/84** ( 2006.01 )  
**B67B 3/00** ( 2006.01 )  
**(87)** WO2016/202802  
**(31)** 1555447 **(32)** 15.06.15 **(33)** FR  
**(43)** 22.12.2016  
**(44)** 25.03.2021  
**(72)** Geslot, Nicolas  
**(74)** Spruson & Ferguson

---

**(71)** ServiceNow, Inc.  
**(11)** AU-B-2019204764  
**(21)** 2019204764 **(22)** 02.07.2019  
**(54)** Multi-instance architecture supporting trusted blockchain-based network  
**(51)** Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**H04L 29/02** ( 2006.01 )  
**(31)** 16/026,625 **(32)** 03.07.18 **(33)** US  
**(43)** 23.01.2020  
**(44)** 25.03.2021  
**(72)** Subramaniam, Sreenevas  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** SHANDONG XINCHUANG BIOTECHNOLOGY CO., LTD.  
**(11)** AU-B-2015366914  
**(21)** 2015366914 **(22)** 08.07.2015

Applications Accepted - Name Index cont'd

(54) Application of derivative of clostridium ghonii  
 (51) Int. Cl.  
*A61K 35/742* ( 2015.01 )  
*A61K 31/337* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2016/095503  
 (31) 201410803072.X (32) 19.12.14 (33) CN  
 (43) 23.06.2016  
 (44) 25.03.2021  
 (72) Xing, Laitian; Wang, Yong; Wei, Mingqian; Xing, Yanqiu; Li, Lianlian; Xing, Lichao; Deng, Guangxia; Meng, Hong; Huang, Tao; Yang, Dongxia  
 (74) Shelston IP Pty Ltd.

(71) Shin Poong Pharmaceutical Co., Ltd.  
 (11) AU-B-2016317968  
 (21) 2016317968 (22) 02.09.2016  
 (54) Compound having effect of inhibiting platelet aggregation and salt thereof, and composition for preventing or treating thrombotic diseases, containing same  
 (51) Int. Cl.  
*C07D 495/04* ( 2006.01 )  
*A61K 31/423* ( 2006.01 )  
*A61K 31/4365* ( 2006.01 )  
*A61K 31/5375* ( 2006.01 )  
*C07D 261/20* ( 2006.01 )  
*C07D 413/04* ( 2006.01 )  
 (87) WO2017/039395  
 (31) 10-2015-0125270 (32) 04.09.15 (33) KR  
 (43) 09.03.2017  
 (44) 25.03.2021  
 (72) Ryu, Jei Man; Lee, Dong Won; Lee, Kang Hyeok; Park, Jin Hun; Cho, Geum Sil; Lee, Ki Sung; Chung, Jin Ho; Park, Woo Il; Lee, Jae Young  
 (74) Spruson & Ferguson

Silberman, C. see Mayer, H.  
 (21) 2015287748

(71) Sirona Dental Systems GmbH  
 (11) AU-B-2016290620  
 (21) 2016290620 (22) 08.07.2016  
 (54) System and method for scanning anatomical structures and for displaying a scanning result  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 5/107* ( 2006.01 )  
*A61B 90/00* ( 2016.01 )  
 (87) WO2017/005897  
 (31) 10 2015 212 806.7 (32) 08.07.15 (33) DE  
 (43) 12.01.2017  
 (44) 25.03.2021  
 (72) Stalder, Severin; Berner, Markus; Klein, Konrad  
 (74) Spruson & Ferguson

(71) Sirona Dental Systems GmbH  
 (11) AU-B-2017222968  
 (21) 2017222968 (22) 24.02.2017

(54) Induction furnace and method for carrying out a heat treatment of a dental replacement part  
 (51) Int. Cl.  
*F27B 17/02* ( 2006.01 )  
*A61C 13/20* ( 2006.01 )  
*F27D 9/00* ( 2006.01 )  
*F27D 19/00* ( 2006.01 )  
*F27D 21/00* ( 2006.01 )  
 (87) WO2017/144644  
 (31) 10 2016 202 902.9 (32) 24.02.16 (33) DE  
 (43) 31.08.2017  
 (44) 25.03.2021  
 (72) Schmidt, Christian; Bäurer, Michael  
 (74) Spruson & Ferguson

(71) SK Biopharmaceuticals Co., Ltd.  
 (11) AU-B-2019236666  
 (21) 2019236666 (22) 25.09.2019  
 (54) Aminocarbonylcarbamate compounds  
 (51) Int. Cl.  
*C07C 271/40* ( 2006.01 )  
*C07C 271/66* ( 2006.01 )  
 (43) 17.10.2019  
 (44) 25.03.2021  
 (62) 2015223579  
 (72) KANG, Young Soon; CHUNG, Jin Yong; MAENG, Cheol Young; YI, Han Ju; LEE, Ki Ho; HEO, Joon; CHAE, Eun Hee; SHIN, Yu Jin  
 (74) Spruson & Ferguson

(71) Skyhawk Therapeutics, Inc.  
 (11) AU-B-2020200699  
 (21) 2020200699 (22) 30.01.2020  
 (54) Methods and compositions for modulating splicing  
 (51) Int. Cl.  
*C07D 471/08* ( 2006.01 )  
*A61K 31/439* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (43) 20.02.2020  
 (44) 25.03.2021  
 (62) 2018309187  
 (72) LUZZIO, Michael; MCCARTHY, Kathleen; HANEY, William  
 (74) Spruson & Ferguson

(71) Smart Wires Inc.  
 (11) AU-B-2016369278  
 (21) 2016369278 (22) 16.11.2016  
 (54) Voltage or impedance-injection method using transformers with multiple secondary windings for dynamic power flow control  
 (51) Int. Cl.  
*H02J 3/38* ( 2006.01 )  
*H02J 1/00* ( 2006.01 )  
*H02J 3/00* ( 2006.01 )  
*H02J 7/34* ( 2006.01 )  
 (87) WO2017/099966  
 (31) 62/264,744 (32) 08.12.15 (33) US  
 15/069,785 14.03.16 US  
 (43) 15.06.2017  
 (44) 25.03.2021  
 (72) Iyer, Amrit; Das, Debrup; Munguia, David; Kelley, Arthur; Inam, Haroon; Carrow, Joe; Farahani, Ali  
 (74) Davies Collison Cave Pty Ltd

(71) Smiths Medical International Limited  
 (11) AU-B-2016359087  
 (21) 2016359087 (22) 19.10.2016  
 (54) Echogenic needle assemblies and method of use thereof  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 90/00* ( 2016.01 )  
 (87) WO2017/089876  
 (31) 62/246,222 (32) 26.10.15 (33) US  
 (43) 01.06.2017  
 (44) 25.03.2021  
 (72) Crisman, Andrew; Field, Stephen James; Granata, Alysa Lauren; Tookman, Neil Adam  
 (74) Davies Collison Cave Pty Ltd

(71) Snap-on Incorporated  
 (11) AU-B-2019213406  
 (21) 2019213406 (22) 09.08.2019  
 (54) Ratcheting wrench  
 (51) Int. Cl.  
*B25B 13/46* ( 2006.01 )  
*B25B 13/48* ( 2006.01 )  
 (31) 16/121,908 (32) 05.09.18 (33) US  
 (43) 19.03.2020  
 (44) 25.03.2021  
 (72) THOMPSON, Christopher D.  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-B-2019219721  
 (21) 2019219721 (22) 19.08.2019  
 (54) Illumination for storage units  
 (51) Int. Cl.  
*F21V 23/04* ( 2006.01 )  
*A47B 67/04* ( 2006.01 )  
*A47B 88/00* ( 2017.01 )  
*B25H 3/02* ( 2006.01 )  
*F21V 33/00* ( 2006.01 )  
 (31) 16/538,400 (32) 12.08.19 (33) US  
 62/721,957 23.08.18 US  
 (43) 12.03.2020  
 (44) 25.03.2021  
 (72) WEIR, Nicholas H.; GENTILE, Michael G.; KASSOUF, Thomas L.; SCHULZ, Ben T.; HOFFLER, Ethan; KUTER-ARNEBECK, Ottolero  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-B-2019222858  
 (21) 2019222858 (22) 28.08.2019  
 (54) Tool with double leaf spring  
 (51) Int. Cl.  
*B25B 13/46* ( 2006.01 )  
*B25B 23/00* ( 2006.01 )  
 (31) 16/284,122 (32) 25.02.19 (33) US  
 (43) 10.09.2020  
 (44) 25.03.2021  
 (72) THOMPSON, Christopher D.; ROSS, David T.  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

- (71) Société des Produits Nestlé S.A.  
 (11) AU-B-2015348801  
 (21) 2015348801 (22) 29.10.2015  
 (54) Clip-scoop with anti-slipping functionality  
 (51) Int. Cl.  
 G01F 19/00 ( 2006.01 )  
 B65D 33/16 ( 2006.01 )  
 B65D 77/24 ( 2006.01 )  
 (87) WO2016/078887  
 (31) 14193610.4 (32) 18.11.14 (33) EP  
 (43) 26.05.2016  
 (44) 25.03.2021  
 (72) Nuijen, Rik; Schoenmakers, Angela; Schraml, Rafael  
 (74) Shelston IP Pty Ltd.
- 
- (71) Socure Inc.  
 (11) AU-B-2019250145  
 (21) 2019250145 (22) 16.10.2019  
 (54) Risk assessment using social networking data  
 (51) Int. Cl.  
 G06Q 99/00 ( 2006.01 )  
 (43) 31.10.2019  
 (44) 25.03.2021  
 (62) 2017228607  
 (72) MADHU, Sunil; PALLOTTI, Giacomo; ROMANO, Edward, J.; CHAVEZ, Alexander K.  
 (74) FB Rice Pty Ltd
- 
- (71) Sony Corporation  
 (11) AU-B-2019202189  
 (21) 2019202189 (22) 29.03.2019  
 (54) Apparatus and method for wireless communication system  
 (51) Int. Cl.  
 H04W 16/14 ( 2009.01 )  
 (43) 18.04.2019  
 (44) 25.03.2021  
 (62) 2017202178  
 (72) SUN, Chen  
 (74) Spruson & Ferguson
- 
- (71) Specialites Pet Food  
 (11) AU-B-2016355950  
 (21) 2016355950 (22) 16.11.2016  
 (54) Combination of natural antioxidants  
 (51) Int. Cl.  
 A23D 9/007 ( 2006.01 )  
 A23K 20/111 ( 2016.01 )  
 A23K 20/158 ( 2016.01 )  
 A23K 40/20 ( 2016.01 )  
 A23K 40/25 ( 2016.01 )  
 A23K 40/30 ( 2016.01 )  
 C11B 5/00 ( 2006.01 )  
 (87) WO2017/085099  
 (31) 15306812.7 (32) 16.11.15 (33) EP  
 (43) 26.05.2017  
 (44) 25.03.2021  
 (72) Michel-Salaun, Françoise; Coneggio, Nicolas  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Specsavers Optical Group Limited  
 (11) AU-B-2016230943  
 (21) 2016230943 (22) 07.03.2016  
 (54) Virtual trying-on experience  
 (51) Int. Cl.  
 G06T 19/00 ( 2011.01 )  
 (87) WO2016/142668  
 (31) 1503831.8 (32) 06.03.15 (33) GB  
 (43) 15.09.2016  
 (44) 25.03.2021  
 (72) Boisson, Jerome; Groves, David Mark  
 (74) AJ PARK
- 
- (71) Spinal Developments Pty Ltd  
 (11) AU-B-2015330972  
 (21) 2015330972 (22) 09.10.2015  
 (54) Spinal alignment and securement  
 (51) Int. Cl.  
 A61B 17/70 ( 2006.01 )  
 (87) WO2016/054697  
 (31) 2014904032 (32) 09.10.14 (33) AU  
 2014904536 10.11.14 AU  
 (43) 14.04.2016  
 (44) 25.03.2021  
 (72) Roger, Gregory James; Saravanja, Davor  
 (74) FB Rice Pty Ltd
- 
- (71) Steelcase Inc.  
 (11) AU-B-2019236640  
 (21) 2019236640 (22) 24.09.2019  
 (54) Seating arrangement  
 (51) Int. Cl.  
 A47C 3/00 ( 2006.01 )  
 A47C 3/025 ( 2006.01 )  
 (43) 17.10.2019  
 (44) 25.03.2021  
 (62) 2016247797  
 (72) Ludwig, James Nolan; Deevers, Nick-olau William Charles; Heidmann, Kurt; Smith, Bruce Michael; Spoelhof, Mark William  
 (74) FB Rice Pty Ltd
- 
- (71) STRYKER EUROPEAN HOLDINGS I, LLC  
 (11) AU-B-2019240683  
 (21) 2019240683 (22) 03.10.2019  
 (54) LUMBAR-SACRAL SCREW INSERTION AND MANIPULATION  
 (51) Int. Cl.  
 A61B 17/70 ( 2006.01 )  
 A61B 17/86 ( 2006.01 )  
 A61B 17/88 ( 2006.01 )  
 (43) 24.10.2019  
 (44) 25.03.2021  
 (62) 2014227517  
 (72) REITBLAT, Abram; KRAUSE, Steven  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) SWIMC LLC  
 (11) AU-B-2019236753  
 (21) 2019236753 (22) 27.09.2019  
 (54) Folding tool  
 (51) Int. Cl.  
 B25F 1/04 ( 2006.01 )  
 (43) 17.10.2019
- 
- (44) 25.03.2021  
 (62) 2017217377  
 (72) Levand, Victor J.; Gaurav, Sharad; Mulroy, Sarah Bridget; Robertson, Joshua R.; Goodwin, Edward R.; Boss, Randi; Lambertson JR., Michael C.  
 (74) Spruson & Ferguson
- 
- (71) Symrise AG  
 (11) AU-B-2016223718  
 (21) 2016223718 (22) 14.02.2016  
 (54) Stable dispersions  
 (51) Int. Cl.  
 A61Q 13/00 ( 2006.01 )  
 A61K 8/04 ( 2006.01 )  
 A61K 8/11 ( 2006.01 )  
 A61K 8/73 ( 2006.01 )  
 C11B 9/00 ( 2006.01 )  
 C11D 3/50 ( 2006.01 )  
 (87) WO2016/134994  
 (31) 15156452.3 (32) 25.02.15 (33) EP  
 (43) 01.09.2016  
 (44) 25.03.2021  
 (72) Dröge, Jörg; Wiedemann, Jörn  
 (74) Spruson & Ferguson
- 
- (71) Sysmex Corporation  
 (11) AU-B-2016208414  
 (21) 2016208414 (22) 29.07.2016  
 (54) Method for detecting analyte, detection reagent kit, and detection reagent  
 (51) Int. Cl.  
 G01N 33/53 ( 2006.01 )  
 C12Q 1/34 ( 2006.01 )  
 C12Q 1/42 ( 2006.01 )  
 G01N 33/15 ( 2006.01 )  
 G01N 33/50 ( 2006.01 )  
 G01N 33/58 ( 2006.01 )  
 (31) 2015-152795 (32) 31.07.15 (33) JP  
 (43) 16.02.2017  
 (44) 25.03.2021  
 (72) Watanabe, Toshihiro; Hashida, Seiichi  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Taiyuan University of Technology  
 (11) AU-B-2018421501  
 (21) 2018421501 (22) 05.06.2018  
 (54) Suspension device for monorail crane and monorail crane  
 (51) Int. Cl.  
 B66C 11/00 ( 2006.01 )  
 (87) WO2019/210550  
 (31) 201810435626.3 (32) 02.05.18 (33) CN  
 (43) 07.11.2019  
 (44) 25.03.2021  
 (72) KOU, Ziming; WU, Juan; ZHANG, Jing; WANG, Haiqing; WANG, Qian; YIN, Pengfei  
 (74) Griffith Hack
- 
- (71) Tata Consultancy Services Limited  
 (11) AU-B-2019203933  
 (21) 2019203933 (22) 05.06.2019  
 (54) Systems and methods for data acquisition and asset inspection in presence of magnetic interference  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**G05D 1/08** ( 2006.01 )  
**B64C 29/00** ( 2006.01 )  
**G01C 11/02** ( 2006.01 )  
**G01C 11/04** ( 2006.01 )  
**G01S 17/88** ( 2006.01 )  
**G05D 1/02** ( 2006.01 )  
**G05D 1/04** ( 2006.01 )  
**G05D 1/10** ( 2006.01 )  
**G06T 7/11** ( 2017.01 )  
**(31)** 201821020933 **(32)** 05.06.18 **(33)** IN  
**(43)** 19.12.2019  
**(44)** 25.03.2021  
**(72)** JOSHI, Sunil Dattatraya; MISHRA, Mayank; VYAWAHARE, Vaibhav; SALSINGIKAR, Shripad; GUBBI LAKSHMINARASIMHA, Jayavardhana Rama; KOTAMRAJU, Srinivas; BHOGINENI, Sreehari Kumar; RAJ, Rishin; HARIHARAN ANAND, Vishnu; BAJPAI, Vishal; MOHAN PONRAJ, Jegan; RANGARAJAN, Mahesh; PURUSHOTHAMAN, Balamuralidhar; KANDASWAMY, Gopi  
**(74)** IP SOLVED (ANZ) PTY. LTD.

---

**(71)** TCER AB  
**(11)** AU-B-2016369318  
**(21)** 2016369318 **(22)** 15.12.2016  
**(54)** T-cell reactivity platform  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )  
**(87)** WO2017/102921  
**(31)** 1650493-8 **(32)** 12.04.16 **(33)** SE  
 15200619.3 16.12.15 EP  
**(43)** 22.06.2017  
**(44)** 25.03.2021  
**(72)** Grönlund, Hans  
**(74)** Spruson & Ferguson

---

**(71)** Telefonaktiebolaget LM Ericsson (PUBL)  
**(11)** AU-B-2017338030  
**(21)** 2017338030 **(22)** 29.09.2017  
**(54)** Methods and devices for reference signal transmission and measurement  
**(51)** Int. Cl.  
**H04W 36/00** ( 2009.01 )  
**H04W 24/10** ( 2009.01 )  
**(87)** WO2018/063074  
**(31)** PCT/ **(32)** 30.09.16 **(33)** CN  
 CN2016/101291  
**(43)** 05.04.2018  
**(44)** 25.03.2021  
**(72)** Lu, Qianxi; Wang, Jianfeng; Zhang, Zhan; Zhu, Huaisong  
**(74)** AJ PARK

---

**(71)** TETRO LTD.  
**(11)** AU-B-2016407744  
**(21)** 2016407744 **(22)** 26.05.2016  
**(54)** Bi-directional device and methods of its use  
**(51)** Int. Cl.  
**A63B 5/00** ( 2006.01 )  
**A63B 5/11** ( 2006.01 )  
**(87)** WO2017/203503  
**(43)** 30.11.2017

**(44)** 25.03.2021  
**(72)** Ben Meir, Ilan  
**(74)** Adams Pluck

---

**(71)** Teva Pharmaceuticals Australia Pty Ltd  
**(11)** AU-B-2019204016  
**(21)** 2019204016 **(22)** 07.06.2019  
**(54)** Anti-cd38 antibodies and fusions to attenuated interferon alpha-2b  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(44)** 25.03.2021  
**(62)** 2013388126  
**(72)** Clarke, Adam; Pollard, Matthew; Doyle, Anthony Gerard; Behrens, Collette; Yamagishi, Tetsuo; Wilson Jr., David S.; Pogue, Sarah L.; Taura, Tetsuya  
**(74)** Davies Collision Cave Pty Ltd

---

**(71)** The Boeing Company  
**(11)** AU-B-2016256681  
**(21)** 2016256681 **(22)** 08.11.2016  
**(54)** Normalized probability of change algorithm for image processing  
**(51)** Int. Cl.  
**G06T 5/00** ( 2006.01 )  
**G06T 1/00** ( 2006.01 )  
**(31)** 15/007,186 **(32)** 26.01.16 **(33)** US  
**(43)** 10.08.2017  
**(44)** 25.03.2021  
**(72)** KLEIN, Robert James  
**(74)** Spruson & Ferguson

---

**The Children's Medical Center Corporation see President and Fellows of Harvard College**  
**(21)** 2016246707

---

**(71)** The Climate Corporation  
**(11)** AU-B-2016261331  
**(21)** 2016261331 **(22)** 06.05.2016  
**(54)** Work layer imaging and analysis for implement monitoring, control and operator feedback  
**(51)** Int. Cl.  
**G01V 99/00** ( 2009.01 )  
**A01B 79/00** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
**(87)** WO2016/182906  
**(31)** 62/159,058 **(32)** 08.05.15 **(33)** US  
**(43)** 17.11.2016  
**(44)** 25.03.2021  
**(72)** Strnad, Michael; Koch, Roger; Koch, Dale  
**(74)** Ellis Terry

---

**(71)** The European Atomic Energy Community (EURATOM), represented by The European Commission  
**(11)** AU-B-2017251920  
**(21)** 2017251920 **(22)** 13.04.2017  
**(54)** Sealing system and method of installing a sealing system  
**(51)** Int. Cl.

**G06K 19/073** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
**G06K 19/077** ( 2006.01 )  
**(87)** WO2017/182398  
**(31)** 16166702.7 **(32)** 22.04.16 **(33)** EP  
**(43)** 26.10.2017  
**(44)** 25.03.2021  
**(72)** Bergonzi, Claudio; Parnisari, Marco; Littmann, François  
**(74)** Griffith Hack

---

**The General Hospital Corporation see President and Fellows of Harvard College**  
**(21)** 2016246707

---

**(71)** The Johns Hopkins University; Pioneer Hi-Bred International, Inc.  
**(11)** AU-B-2016250009  
**(21)** 2016250009 **(22)** 12.04.2016  
**(54)** Multiplexed, continuous-flow, droplet-based platform for high-throughput genetic detection  
**(51)** Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**B01L 9/00** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G01N 35/08** ( 2006.01 )  
**(87)** WO2016/168193  
**(31)** 62/146,774 **(32)** 13.04.15 **(33)** US  
**(43)** 20.10.2016  
**(44)** 25.03.2021  
**(72)** Wang, Tza-Huei J.; Hsieh, Kuangwen; Zec, Helena C.; Liu, Lingshu; Kaushik, Aniruddha M.; Yun, Yue  
**(74)** Adams Pluck

---

**The Queen's University of Belfast see Chromadex Inc.**  
**(21)** 2017232930

---

**(71)** The Regents of the University of California  
**(11)** AU-B-2016255570  
**(21)** 2016255570 **(22)** 29.04.2016  
**(54)** Compositions and methods for constructing strand specific cDNA libraries  
**(51)** Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12P 19/34** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2016/176654  
**(31)** 62/154,584 **(32)** 29.04.15 **(33)** US  
**(43)** 03.11.2016  
**(44)** 25.03.2021  
**(72)** Townsley, Brad; Covington, Michael F.; Sinha, Neelima  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** The Regents of the University of California  
**(11)** AU-B-2019285719  
**(21)** 2019285719 **(22)** 29.05.2019  
**(54)** Demethylation to treat eye disease  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**A61K 9/00** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12P 7/64** ( 2006.01 )  
**(87)** WO2019/240946  
**(31)** 62/716,554 **(32)** 09.08.18 **(33)** US  
 62/683,292 11.06.18 US  
**(43)** 19.12.2019  
**(44)** 25.03.2021  
**(72)** SKOWRONSKA-KRAWCZYK, Dorota;  
 CHAO, Daniel Lee; CHEN, Daniel  
**(74)** Spruson & Ferguson

**(71)** The Regents of The University of Cali-  
 fornia  
**(11)** AU-B-2017212426  
**(21)** 2017212426 **(22)** 25.01.2017  
**(54)** Graphene frameworks for supercapacit-  
 ors  
**(51)** Int. Cl.  
**H01G 11/32** ( 2013.01 )  
**H01G 11/86** ( 2013.01 )  
**(87)** WO2017/132282  
**(31)** 62/287,403 **(32)** 26.01.16 **(33)** US  
 62/287,402 26.01.16 US  
**(43)** 03.08.2017  
**(44)** 25.03.2021  
**(72)** Huang, Yu; Papandrea, Benjamin; Xu,  
 Xu; Duan, Xiangfeng  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** The Regents of The University of Cali-  
 fornia  
**(11)** AU-B-2019203038  
**(21)** 2019203038 **(22)** 30.04.2019  
**(54)** Functionalized magnetic nanoparticles  
 and use in imaging amyloid deposits  
 and neurofibrillary tangles  
**(51)** Int. Cl.  
**A61K 31/4745** ( 2006.01 )  
**(43)** 23.05.2019  
**(44)** 25.03.2021  
**(62)** 2017203920  
**(72)** Akhtari, Massoud  
**(74)** FB Rice Pty Ltd

**(71)** The Rockefeller University  
**(11)** AU-B-2016226115  
**(21)** 2016226115 **(22)** 04.03.2016  
**(54)** Anti-inflammatory polypeptides  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2016/141262  
**(31)** 14/638,905 **(32)** 04.03.15 **(33)** US  
**(43)** 09.09.2016  
**(44)** 25.03.2021  
**(72)** Ravetch, Jeffrey V.; Pincetic, Andrew  
**(74)** Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd

**(71)** The Rockefeller University  
**(11)** AU-B-2019203346  
**(21)** 2019203346 **(22)** 13.05.2019  
**(54)** Optical detection of skin disease  
**(51)** Int. Cl.  
**A61B 5/022** ( 2006.01 )

**(43)** 06.06.2019  
**(44)** 25.03.2021  
**(62)** 2014293317  
**(72)** Gareau, Daniel  
**(74)** Griffith Hack

**The Trustees of Princeton University see  
 GPB Scientific, LLC**  
**(21)** 2016311278

**(71)** The Trustees of the University of  
 Pennsylvania; Novartis AG  
**(11)** AU-B-2014366047  
**(21)** 2014366047 **(22)** 19.12.2014  
**(54)** Human mesothelin chimeric antigen re-  
 ceptors and uses thereof  
**(51)** Int. Cl.  
**C12N 15/62** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**(87)** WO2015/090230  
**(31)** PCT/ **(32)** 19.12.13 **(33)** CN  
 CN2013/089979 21.07.14 CN  
 CN2014/082610  
 PCT/ 06.11.14 CN  
 CN2014/090509  
**(43)** 25.06.2015  
**(44)** 25.03.2021  
**(72)** Beatty, Gregory; Engels, Boris; Idam-  
 akanti, Neeraja; June, Carl H.; Loew,  
 Andreas; Song, Huijuan; Wu, Qilong  
**(74)** Davies Collison Cave Pty Ltd

**(71)** The Trustees of the University of  
 Pennsylvania  
**(11)** AU-B-2015339744  
**(21)** 2015339744 **(22)** 15.10.2015  
**(54)** Altering gene expression in CART cells  
 and uses thereof  
**(51)** Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**(87)** WO2016/069283  
**(31)** 62/073,651 **(32)** 31.10.14 **(33)** US  
**(43)** 06.05.2016  
**(44)** 25.03.2021  
**(72)** Zhao, Yangbing; Ren, Jiangtao; Liu,  
 Xiaojun; June, Carl H.  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** The United States of America, as rep-  
 resented by The Secretary, Department  
 of Health and Human Services; Uni-  
 versity Court of the University of Aber-  
 deen  
**(11)** AU-B-2016330967  
**(21)** 2016330967 **(22)** 29.09.2016  
**(54)** Thalidomide analogs and methods of  
 use  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4035** ( 2006.01 )

**A61K 31/43** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07D 209/44** ( 2006.01 )  
**C07D 209/46** ( 2006.01 )  
**C07D 209/48** ( 2006.01 )  
**C07D 209/52** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 499/80** ( 2006.01 )  
**(87)** WO2017/059062  
**(31)** 62/235,105 **(32)** 30.09.15 **(33)** US  
**(43)** 06.04.2017  
**(44)** 25.03.2021  
**(72)** Greig, Nigel H.; Luo, Weiming;  
 Tweedie, David; Vargesson, Neil;  
 Beedie, Shaunna; Figg, William  
 Douglas  
**(74)** Griffith Hack

**(71)** The Yokohama Rubber Co., Ltd.  
**(11)** AU-B-2017406729  
**(21)** 2017406729 **(22)** 21.12.2017  
**(54)** Rubber coating composition for use in  
 conveyor belt, laminate, and conveyor  
 belt  
**(51)** Int. Cl.  
**B65G 15/32** ( 2006.01 )  
**B29D 29/06** ( 2006.01 )  
**B32B 25/10** ( 2006.01 )  
**B32B 25/16** ( 2006.01 )  
**B65G 15/34** ( 2006.01 )  
**C08K 3/36** ( 2006.01 )  
**C08K 5/47** ( 2006.01 )  
**C08L 7/00** ( 2006.01 )  
**C08L 9/00** ( 2006.01 )  
**C08L 61/10** ( 2006.01 )  
**(87)** WO2018/179629  
**(31)** 2017-066847 **(32)** 30.03.17 **(33)** JP  
**(43)** 04.10.2018  
**(44)** 25.03.2021  
**(72)** Zou, Deqing  
**(74)** FB Rice Pty Ltd

**(71)** Thursday Pools  
**(11)** AU-B-2019210529  
**(21)** 2019210529 **(22)** 30.07.2019  
**(54)** Preformed swimming pool body having  
 a built-in pit  
**(51)** Int. Cl.  
**E04H 4/00** ( 2006.01 )  
**(31)** 16/100,879 **(32)** 10.08.18 **(33)** US  
**(43)** 15.08.2019  
**(44)** 25.03.2021  
**(62)** 2018223039  
**(72)** KHAMIS, William; VONDELL, Edward;  
 CAMP, David  
**(74)** Spruson & Ferguson

**(71)** TNBT Holdings Pty Limited  
**(11)** AU-B-2018271334  
**(21)** 2018271334 **(22)** 29.11.2018  
**(54)** A Lock Assembly  
**(51)** Int. Cl.  
**E05B 31/00** ( 2006.01 )  
**E05B 15/14** ( 2006.01 )  
**E05B 27/04** ( 2006.01 )  
**E05B 29/04** ( 2006.01 )



Applications Accepted - Name Index cont'd

(43) 03.01.2019  
 (44) 25.03.2021  
 (62) 2017202936  
 (72) Butt, Simon James; Cohen, Marc  
 (74) TNBT Holdings Pty Limited

(71) Tufts University  
 (11) AU-B-2015308773  
 (21) 2015308773 (22) 28.08.2015  
 (54) Compositions, methods and kits for treating complement related disorders  
 (51) Int. Cl.

*C07K 1/00* ( 2006.01 )  
*C07K 14/00* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C07K 14/745* ( 2006.01 )  
*C07K 17/00* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )

(87) WO2016/033444  
 (31) 62/043,084 (32) 28.08.14 (33) US  
 (43) 03.03.2016  
 (44) 25.03.2021  
 (72) Kumar-Singh, Rajendra; Leaderer, Derek; Cashman, Siobhan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Uber Technologies, Inc.  
 (11) AU-B-2018306521  
 (21) 2018306521 (22) 09.07.2018  
 (54) Detecting service provider state based on received and historic telematics data and service provider characteristics  
 (51) Int. Cl.

*H04L 29/08* ( 2006.01 )

(87) WO2019/021090  
 (31) 15/660,947 (32) 26.07.17 (33) US  
 (43) 31.01.2019  
 (44) 25.03.2021  
 (72) O'HERLIHY, Michael; CHOKSHI, Karna; DOYLE, Matthew Joseph  
 (74) FPA Patent Attorneys Pty Ltd

(71) Unger, E.C.  
 (11) AU-B-2020201680  
 (21) 2020201680 (22) 06.03.2020  
 (54) FRACTIONATED RADIOTHERAPY AND CHEMOTHERAPY WITH AN OXYGEN THERAPEUTIC  
 (51) Int. Cl.

*A61K 31/02* ( 2006.01 )  
*A61K 9/107* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

(43) 26.03.2020  
 (44) 25.03.2021  
 (62) 2015227089  
 (72) Unger, Evan C.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Unilever PLC  
 (11) AU-B-2019204950  
 (21) 2019204950 (22) 10.07.2019  
 (54) Apparatus and process for handling food packaging  
 (51) Int. Cl.

*B65G 59/00* ( 2006.01 )  
*A23G 7/00* ( 2006.01 )  
*B65G 59/10* ( 2006.01 )

(43) 25.07.2019  
 (44) 25.03.2021  
 (62) 2016310042  
 (72) Burgess, Geoffrey Alec; Romano, Gianfelice; Sherwood, Paul Leonard  
 (74) Davies Collison Cave Pty Ltd

Universidad de Sevilla see Biomedal, S. L.  
 (21) 2015287510

University Court of the University of Aberdeen see The United States of America, as represented by The Secretary, Department of Health and Human Services  
 (21) 2016330967

(71) University of Iowa Research Foundation; Fondazione Telethon

(11) AU-B-2016219789  
 (21) 2016219789 (22) 22.02.2016  
 (54) Methods and compositions for treating genetic eye diseases  
 (51) Int. Cl.

*A01N 43/04* ( 2006.01 )  
*A01N 63/00* ( 2006.01 )  
*A01N 65/00* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )

(87) WO2016/134375  
 (31) 62/118,934 (32) 20.02.15 (33) US  
 (43) 25.08.2016  
 (44) 25.03.2021  
 (72) Davidson, Beverly L.; Chen, Yong Hong; Auricchio, Alberto  
 (74) Spruson & Ferguson

University of Maryland, Baltimore see GPB Scientific, LLC  
 (21) 2016311278

(71) University of Washington  
 (11) AU-B-2016211630  
 (21) 2016211630 (22) 26.01.2016  
 (54) Compositions and methods for treating toxoplasmosis, cryptosporidiosis and other apicomplexan protozoan related diseases  
 (51) Int. Cl.

*A61P 33/06* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )

(87) WO2016/123152  
 (31) 62/107,746 (32) 26.01.15 (33) US  
 62/131,539 11.03.15 US  
 (43) 04.08.2016  
 (44) 25.03.2021  
 (72) Hol, Wilhelmus G.j.; Larson, Eric T.; Haly, Dustin James; Van Voorhis, Wesley C.; Merritt, Ethan; Ojo, Kayode K.  
 (74) Spruson & Ferguson

(71) Vidac Pharma Ltd.  
 (11) AU-B-2017242155  
 (21) 2017242155 (22) 28.03.2017  
 (54) Stable pharmaceutical compositions for topical administration and uses thereof  
 (51) Int. Cl.

*C07D 215/24* ( 2006.01 )  
*A61K 31/122* ( 2006.01 )  
*A61K 31/17* ( 2006.01 )  
*A61K 31/337* ( 2006.01 )  
*A61K 31/7004* ( 2006.01 )  
*A61K 31/7036* ( 2006.01 )  
*A61K 33/24* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 215/32* ( 2006.01 )

(87) WO2017/168416  
 (31) 62/313,836 (32) 28.03.16 (33) US  
 (43) 05.10.2017  
 (44) 25.03.2021  
 (72) Salama, Paul; Becker, Oren Menahem; Mann Brickman, Chaim  
 (74) Griffith Hack

(71) Video Gaming Technologies Inc.  
 (11) AU-B-2019204132  
 (21) 2019204132 (22) 13.06.2019  
 (54) System and Method for Providing a Game with Unfolding Symbols  
 (51) Int. Cl.

*A63F 13/50* ( 2014.01 )  
*A63F 13/00* ( 2006.01 )

(43) 04.07.2019  
 (44) 25.03.2021  
 (62) 2017235982  
 (72) Nelson, Lyndsay; Cuddy, Ryan; Schmid, Zachary  
 (74) Adams Pluck

(71) Visby Medical, Inc.  
 (11) AU-B-2018364741  
 (21) 2018364741 (22) 09.11.2018  
 (54) Portable molecular diagnostic device and methods for the detection of target viruses  
 (51) Int. Cl.

*C12Q 1/686* ( 2018.01 )  
*B01L 7/00* ( 2006.01 )

(87) WO2019/094784  
 (31) 62/583,789 (32) 09.11.17 (33) US  
 62/594,905 05.12.17 US  
 (43) 16.05.2019  
 (44) 25.03.2021  
 (72) ANDREYEV, Boris; BRIONES, Victor; CENA, Ryan T.; DE LA ZERDA, Adam; KELLY, Colin; LONEY, Gregory; SCHOOLNIK, Gary; SWENSON, David  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Vitae Pharmaceuticals, LLC  
 (11) AU-B-2016355710  
 (21) 2016355710 (22) 17.11.2016  
 (54) Modulators of ROR-gamma  
 (51) Int. Cl.

*C07D 217/04* ( 2006.01 )  
*C07D 217/16* ( 2006.01 )  
*C07D 217/24* ( 2006.01 )  
*C07D 231/56* ( 2006.01 )  
*C07D 239/88* ( 2006.01 )

Applications Accepted - Name Index cont'd

- C07D 401/04** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )
- (87) WO2017/087608  
(31) 62/320,805 (32) 11.04.16 (33) US  
62/257,964 20.11.15 US  
(43) 26.05.2017  
(44) 25.03.2021  
(72) Claremon, David A.; Dillard, Lawrence Wayne; Fan, Yi; Jia, Lanqi; Singh, Suresh B.; Tice, Colin M.; Xu, Zhenrong; Yuan, Jing; Zhuang, Linghang  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) W. L. Gore & Associates GmbH  
(11) AU-B-2018247879  
(21) 2018247879 (22) 04.04.2018  
(54) Dielectric composite with reinforced elastomer and integrated electrode  
(51) Int. Cl.  
**B32B 1/08** ( 2006.01 )  
**B32B 5/16** ( 2006.01 )  
**B32B 15/06** ( 2006.01 )  
**B32B 15/20** ( 2006.01 )  
**B32B 25/12** ( 2006.01 )  
**B32B 25/14** ( 2006.01 )  
**B32B 25/16** ( 2006.01 )  
**B32B 25/18** ( 2006.01 )  
**B32B 25/20** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B32B 29/04** ( 2006.01 )
- (87) WO2018/185183  
(31) 62/481,188 (32) 04.04.17 (33) US  
(43) 11.10.2018  
(44) 25.03.2021  
(72) Doernhoefer, Andrea; Rittmann, Michael; Seibert, Klaus; Zaggl, Alexander  
(74) Griffith Hack
- 
- (71) Warsaw Orthopedic, Inc.  
(11) AU-B-2016347052  
(21) 2016347052 (22) 24.10.2016  
(54) Implants having a drug load of an oxysterol and methods of use  
(51) Int. Cl.  
**A61F 2/28** ( 2006.01 )  
**A61K 31/575** ( 2006.01 )
- (87) WO2017/074866  
(31) 14/924,170 (32) 27.10.15 (33) US  
(43) 04.05.2017  
(44) 25.03.2021  
(72) Reves, Benjamin T.; Scher, David S.; Harrington, Roger E.; Jacobs, Jerbrena C.  
(74) FB Rice Pty Ltd
- 
- (71) Waymo LLC  
(11) AU-B-2020201378  
(21) 2020201378 (22) 25.02.2020  
(54) Radar mounting estimation with unstructured data  
(51) Int. Cl.  
**G01S 13/93** ( 2006.01 )  
**B60R 21/0134** ( 2006.01 )
- (43) 12.03.2020  
(44) 25.03.2021  
(62) 2017222240  
(72) Smith, Larry; Campbell, Timothy  
(74) RnB IP Pty Ltd
- 
- (71) Wellhead Power Solutions, LLC  
(11) AU-B-2019203482  
(21) 2019203482 (22) 17.05.2019  
(54) Hybrid energy system and method  
(51) Int. Cl.  
**H02J 3/38** ( 2006.01 )
- (43) 06.06.2019  
(44) 25.03.2021  
(62) 2015320405  
(72) MCDANIEL, John Grant; DITTMER, Harold Edwin  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Westinghouse Air Brake Technologies Corporation  
(11) AU-B-2018375539  
(21) 2018375539 (22) 06.03.2018  
(54) System and method for adaptive braking  
(51) Int. Cl.  
**B61H 9/00** ( 2006.01 )  
**B61H 13/34** ( 2006.01 )
- (87) WO2019/108243  
(31) 15/829,423 (32) 01.12.17 (33) US  
(43) 06.06.2019  
(44) 25.03.2021  
(72) VENKATASUBRAMANIAN, Sathya Vagheeswar; WILSON, M. Frank  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) WeWork Companies LLC  
(11) AU-B-2015301953  
(21) 2015301953 (22) 10.08.2015  
(54) Interactive image-based communication using image coding  
(51) Int. Cl.  
**G06K 7/10** ( 2006.01 )  
**G06K 9/18** ( 2006.01 )  
**G07B 15/00** ( 2006.01 )
- (87) WO2016/025402  
(31) 62/035,971 (32) 11.08.14 (33) US  
14/819,351 05.08.15 US  
62/061,057 07.10.14 US  
62/194,697 20.07.15 US  
(43) 18.02.2016  
(44) 25.03.2021  
(72) Kopel, Matthew  
(74) Spruson & Ferguson
- 
- (71) Wing Aviation LLC  
(11) AU-B-2018372208  
(21) 2018372208 (22) 26.11.2018  
(54) Wing structure and attachment to frame for unmanned aerial vehicles  
(51) Int. Cl.  
**B64C 39/02** ( 2006.01 )
- (87) WO2019/104271  
(31) 15/823,129 (32) 27.11.17 (33) US  
(43) 31.05.2019
- 
- (44) 25.03.2021  
(72) WOODWORTH, Adam; RUDIN, Adem; BENSON, Stephen  
(74) Spruson & Ferguson
- 
- (71) Wing Aviation LLC  
(11) AU-B-2018388887  
(21) 2018388887 (22) 13.12.2018  
(54) Image based localization for unmanned aerial vehicles, and associated systems and methods  
(51) Int. Cl.  
**G05D 1/10** ( 2006.01 )  
**G01C 21/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )
- (87) WO2019/125921  
(31) 15/963,027 (32) 25.04.18 (33) US  
62/609,135 21.12.17 US  
(43) 27.06.2019  
(44) 25.03.2021  
(72) ABEYWARDENA, Dinuka; JOURDAN, Damien  
(74) Spruson & Ferguson
- 
- (71) Wm. Wrigley Jr. Company  
(11) AU-B-2016331214  
(21) 2016331214 (22) 30.09.2016  
(54) Confections containing allulose  
(51) Int. Cl.  
**A23G 3/34** ( 2006.01 )  
**A23G 3/42** ( 2006.01 )
- (87) WO2017/059352  
(31) 62/236,468 (32) 02.10.15 (33) US  
(43) 06.04.2017  
(44) 25.03.2021  
(72) Barkalow, David G.; Hsu, Chia-Hua; Haseleu, Andrea; Stawski, Barbara Z.  
(74) Spruson & Ferguson
- 
- (71) Wm. Wrigley Jr. Company  
(11) AU-B-2016331961  
(21) 2016331961 (22) 30.09.2016  
(54) Chewing gums containing allulose  
(51) Int. Cl.  
**A23G 4/10** ( 2006.01 )
- (87) WO2017/059363  
(31) 62/236,430 (32) 02.10.15 (33) US  
(43) 06.04.2017  
(44) 25.03.2021  
(72) Barkalow, David G.; Hsu, Chia-Hua; Haseleu, Andrea  
(74) Spruson & Ferguson
- 
- Wright, J. see Catalyst Lifestyle Limited**  
(21) 2020202837
- 
- (71) WU, Z.  
(11) AU-B-2019209726  
(21) 2019209726 (22) 18.01.2019  
(54) Construction method for spar platform cylindrical deck and upper facilities, and spar platform  
(51) Int. Cl.  
**B63B 73/00** ( 2020.01 )
- (87) WO2019/141242  
(31) 201810056942.X (32) 22.01.18 (33) CN

Applications Accepted - Name Index cont'd

(43) 25.07.2019  
 (44) 25.03.2021  
 (72) WU, Zhirong  
 (74) FB Rice Pty Ltd

(71) WÜST, D.  
 (11) AU-B-2018437877  
 (21) 2018437877 (22) 24.08.2018  
 (54) Massage device  
 (51) Int. Cl.  
     **A61H 15/00** ( 2006.01 )  
     **A61H 15/02** ( 2006.01 )  
     **A61H 23/00** ( 2006.01 )  
 (87) WO2020/038586  
 (43) 27.02.2020  
 (44) 25.03.2021  
 (72) WÜST, Dirk  
 (74) Burns IP & Commercial Pty Ltd

(71) Xenon Pharmaceuticals, Inc.  
 (11) AU-B-2017283651  
 (21) 2017283651 (22) 16.06.2017  
 (54) Solid state forms of spiro-oxindole compounds  
 (51) Int. Cl.  
     **C07D 491/20** ( 2006.01 )  
     **A61K 31/407** ( 2006.01 )  
     **A61P 25/00** ( 2006.01 )  
 (87) WO2017/218957  
 (31) 62/351,150 (32) 16.06.16 (33) US  
 (43) 21.12.2017  
 (44) 25.03.2021  
 (72) Ben-David, Ronen; Bierlmaier, Stephen; Haltiwanger, Ralph Curis; Jegorov, Alexandr; Wu, Raeann Ruiyun; Yazdanian, Mehran  
 (74) Davies Collison Cave Pty Ltd

(71) Xtreme Well Technology Limited  
 (11) AU-B-2016207841  
 (21) 2016207841 (22) 18.01.2016  
 (54) Downhole actuator device, apparatus, setting tool and methods of use  
 (51) Int. Cl.  
     **E21B 23/00** ( 2006.01 )  
     **E21B 34/06** ( 2006.01 )  
     **E21B 34/14** ( 2006.01 )  
 (87) WO2016/113577  
 (31) 1500758.6 (32) 16.01.15 (33) GB  
 (43) 21.07.2016  
 (44) 25.03.2021  
 (72) Moyes, Peter  
 (74) Griffith Hack

(71) Yale University  
 (11) AU-B-2015206684  
 (21) 2015206684 (22) 14.01.2015  
 (54) Compositions and methods of preparing airway cells  
 (51) Int. Cl.  
     **C12N 5/071** ( 2010.01 )  
     **A61K 35/36** ( 2006.01 )  
     **A61P 11/00** ( 2006.01 )  
     **C12N 5/074** ( 2010.01 )  
 (87) WO2015/108893  
 (31) 61/927,097 (32) 14.01.14 (33) US  
 (43) 23.07.2015

(44) 25.03.2021  
 (72) Ghaedi, Mahboobe; Niklason, Laura  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Yale University  
 (11) AU-B-2015279712  
 (21) 2015279712 (22) 26.06.2015  
 (54) Compositions and methods to regulate renalase in the treatment of diseases and disorders  
 (51) Int. Cl.  
     **A61K 38/44** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **C12N 9/02** ( 2006.01 )  
     **G01N 33/53** ( 2006.01 )  
     **G01N 33/574** ( 2006.01 )  
 (87) WO2015/200790  
 (31) 62/017,487 (32) 26.06.14 (33) US  
 (43) 30.12.2015  
 (44) 25.03.2021  
 (72) Desir, Gary; Hunt, Abigail; O-Rear, Jessica; Flynn, Peter  
 (74) FB Rice Pty Ltd

(71) Yuyama MFG. Co., Ltd.  
 (11) AU-B-2016362656  
 (21) 2016362656 (22) 28.11.2016  
 (54) Drug cassette, drug delivery device, and drug packaging device  
 (51) Int. Cl.  
     **A61J 3/00** ( 2006.01 )  
 (87) WO2017/094687  
 (31) 2015-234280 (32) 30.11.15 (33) JP  
 (43) 08.06.2017  
 (44) 25.03.2021  
 (72) Koike, Naoki; Yorozu, Takanori; Okada, Shoichiro; Takada, Kenichi  
 (74) Franke Hyland Pty Ltd

(71) Zebra Technologies Corporation  
 (11) AU-B-2020204367  
 (21) 2020204367 (22) 30.06.2020  
 (54) Method, apparatus, and computer program product improving real time location systems with multiple location technologies  
 (51) Int. Cl.  
     **G01S 5/02** ( 2006.01 )  
     **G06K 7/10** ( 2006.01 )  
 (43) 23.07.2020  
 (44) 25.03.2021  
 (62) 2018271384  
 (72) HUGHES, John K.; O'HAGAN, James J.  
 (74) Spruson & Ferguson

(71) Zhang, S.  
 (11) AU-B-2020203839  
 (21) 2020203839 (22) 10.06.2020  
 (54) IMPROVED MAGNETIC DRUM SEPARATOR  
 (51) Int. Cl.  
     **B03C 1/14** ( 2006.01 )  
 (31) 2020900710 (32) 08.03.20 (33) AU  
 (43) 25.03.2021

(44) 25.03.2021  
 (72) Zhang, Shujun  
 (74) Mann IP

(71) ZHEJIANG DINGLI MACHINERY CO., LTD  
 (11) AU-B-2019275654  
 (21) 2019275654 (22) 06.12.2019  
 (54) CONTROL VALVE, DERRICKING CYLINDER AND WORKING METHOD THEREOF, AERIAL WORK PLATFORM  
 (51) Int. Cl.  
     **B66F 11/04** ( 2006.01 )  
     **B66C 23/62** ( 2006.01 )  
     **F16K 99/00** ( 2006.01 )  
 (31) 2019108411194 (32) 06.09.19 (33) CN  
 (43) 25.03.2021  
 (44) 25.03.2021  
 (72) XU, Shugen  
 (74) Remarkable IP

Numerical Index

<b>2014366047</b>	The Trustees of the University of Pennsylvania; Novartis AG	<b>2016210092</b>	Ferrovia Agroman, S.A.; Grupo Rodio Kronsa, S.L.
<b>2014368982</b>	Amyris, Inc.	<b>2016210554</b>	Master Sinkers (Pty) Ltd
<b>2014405583</b>	Ecolab USA Inc.	<b>2016211630</b>	University of Washington
<b>2015201770</b>	RES, G.	<b>2016215025</b>	Masimo Corporation
<b>2015201904</b>	Anderson, S.	<b>2016218937</b>	Commonwealth of Australia represented by Department of Defence, Defence Science and Technology Organisation
<b>2015206684</b>	Yale University	<b>2016219789</b>	University of Iowa Research Foundation; Fondazione Telethon
<b>2015209718</b>	Psomagen, Inc.	<b>2016222424</b>	IVM IP PTY LTD
<b>2015230787</b>	Fisher & Paykel Healthcare Limited	<b>2016222677</b>	Caterpillar Global Mining LLC
<b>2015234595</b>	Medicago Inc.	<b>2016223718</b>	Symrise AG
<b>2015261715</b>	BIOSENSE WEBSTER (ISRAEL) LTD.	<b>2016226115</b>	The Rockefeller University
<b>2015264189</b>	Regeneron Pharmaceuticals, Inc.	<b>2016228937</b>	Ansell Limited
<b>2015265412</b>	Evogene Ltd.	<b>2016230793</b>	Aurigene Discovery Technologies Limited
<b>2015268300</b>	Legochem Biosciences, Inc.	<b>2016230943</b>	Specsavers Optical Group Limited
<b>2015275798</b>	Igenomix S.L.	<b>2016233143</b>	Lipomedix Pharmaceuticals Ltd.; Gabizon, A.; Ohana, P.
<b>2015278829</b>	Sanofi	<b>2016233280</b>	Magic Leap, Inc.
<b>2015279642</b>	Regeneron Pharmaceuticals, Inc.	<b>2016233335</b>	President and Fellows of Harvard College
<b>2015279712</b>	Yale University	<b>2016243529</b>	Dana-Farber Cancer Institute, Inc.
<b>2015287510</b>	Biomedal, S. L.; Universidad de Sevilla	<b>2016245984</b>	Bioresponse, L.L.C.
<b>2015287748</b>	Mayer, H.; Silberman, C.	<b>2016246707</b>	President and Fellows of Harvard College; The General Hospital Corporation; The Children's Medical Center Corporation
<b>2015289612</b>	QUALICON DIAGNOSTICS, LLC	<b>2016247094</b>	Ford Global Technologies, LLC
<b>2015294245</b>	Electrolux Appliances Aktiebolag	<b>2016247184</b>	Adobe Inc.
<b>2015301338</b>	Baylor Research Institute	<b>2016249991</b>	Academia Sinica
<b>2015301953</b>	WeWork Companies LLC	<b>2016250009</b>	The Johns Hopkins University; Pioneer Hi-Bred International, Inc.
<b>2015305303</b>	IdentiFlight International, LLC	<b>2016253137</b>	E-Flux, LLC
<b>2015307220</b>	Pioneer Hi-Bred International, Inc.	<b>2016255570</b>	The Regents of the University of California
<b>2015308773</b>	Tufts University	<b>2016255613</b>	BAE Systems PLC
<b>2015314009</b>	Industrial Tomography Systems PLC	<b>2016256681</b>	The Boeing Company
<b>2015317538</b>	Progress Rail Locomotive Inc.	<b>2016256764</b>	Adobe Inc.
<b>2015317622</b>	LI-COR, Inc.	<b>2016256796</b>	AgJunction LLC.
<b>2015318001</b>	Genentech, Inc.	<b>2016261331</b>	The Climate Corporation
<b>2015318730</b>	Biolumic Limited	<b>2016264468</b>	Ralco Nutrition, Inc.
<b>2015320527</b>	Hubbell Incorporated	<b>2016266994</b>	Fisher and Paykel Healthcare Limited
<b>2015329795</b>	Cerezo Scientific AB	<b>2016267028</b>	Caterpillar Inc.
<b>2015330629</b>	New Steel S.A.	<b>2016274309</b>	Obalon Therapeutics, Inc.
<b>2015330972</b>	Spinal Developments Pty Ltd	<b>2016275292</b>	Fergusson's Advanced Composite Technology Limited
<b>2015333584</b>	Maxwell Forest Pty Ltd	<b>2016278780</b>	Serac Group
<b>2015339744</b>	The Trustees of the University of Pennsylvania	<b>2016280455</b>	Baker Hughes Holdings, LLC
<b>2015344993</b>	BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation	<b>2016282545</b>	Leonhard Kurz Stiftung And Co. Kg; Hinderer + Mühlich GmbH & Co. Kg
<b>2015348254</b>	Merz Pharma GmbH & Co. KGaA	<b>2016285453</b>	AMO Development, LLC
<b>2015348801</b>	Société des Produits Nestlé S.A.	<b>2016285923</b>	Cosette, Lee & Harrison, LLC
<b>2015353376</b>	HUVEPHARMA, INC.	<b>2016286804</b>	Hanmi Pharm. Co., Ltd.
<b>2015353701</b>	Allergan, Inc.	<b>2016287455</b>	Henkel AG & Co. KGaA
<b>2015360469</b>	Incept, LLC	<b>2016290620</b>	Sirona Dental Systems GmbH
<b>2015360903</b>	Dana-Farber Cancer Institute, Inc.	<b>2016291125</b>	K2M, Inc.
<b>2015363883</b>	Icure Pharmaceutical, Inc	<b>2016291707</b>	B. Braun Medical Inc.
<b>2015365323</b>	Agan Aroma & Fine Chemicals Ltd.	<b>2016292450</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Li-anyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.
<b>2015365678</b>	Better All Round Ltd	<b>2016292467</b>	Dittrich, K.
<b>2015366914</b>	SHANDONG XINCHUANG BIOTECHNOLOGY CO., LTD.	<b>2016292652</b>	Otonexus Medical Technologies, Inc
<b>2015371632</b>	Evapco, Inc.	<b>2016293382</b>	Impedimed Limited
<b>2015372432</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2016297558</b>	Genzyme Corporation
<b>2015373310</b>	Saint-Gobain Isover	<b>2016303648</b>	Paradigm Spine, LLC
<b>2015383597</b>	Sandvik Intellectual Property AB	<b>2016306634</b>	PhysIOL SA
<b>2015396467</b>	Prysmian S.p.A.	<b>2016307942</b>	Ethicon, Inc.
<b>2015408775</b>	Halliburton Energy Services, Inc.	<b>2016311278</b>	GPB Scientific, LLC; University of Maryland, Baltimore; The Trustees of Princeton University
<b>2016201500</b>	Rohm and Haas Company	<b>2016311439</b>	RCM Enterprise, LLC
<b>2016201802</b>	King Furniture Australia Pty Ltd	<b>2016313238</b>	Chana, G.
<b>2016203543</b>	Deere & Company	<b>2016314025</b>	Capital Project Management Pty Ltd
<b>2016204854</b>	Modular Innovations Pty Ltd		
<b>2016207841</b>	Xtreme Well Technology Limited		
<b>2016208414</b>	Sysmex Corporation		
<b>2016208803</b>	Deutsches Zentrum Fur Luft- Und Raumfahrt e.V.		
<b>2016209748</b>	Samsung Electronics Co., Ltd.		
<b>2016209823</b>	Samsung Electronics Co., Ltd.		
<b>2016210013</b>	IP2IPO Innovations Limited		

## Applications Accepted - Numerical Index cont'd

2016316723	Janssen Vaccines & Prevention B.V.	2017295728	MAKO Surgical Corp.
2016317968	Shin Poong Pharmaceutical Co., Ltd.	2017324725	Janssen Pharmaceutica NV
2016318066	Certis Cisco Security Pte. Ltd.	2017326434	Precision Planting LLC
2016322552	Infinity Pharmaceuticals, Inc.	2017338030	Telefonaktiebolaget LM Ericsson (PUBL)
2016324578	Samsung Electronics Co., Ltd.	2017338269	Janssen Pharmaceutica NV
2016326889	Canexia Health Inc.	2017363368	Amazon Technologies, Inc.
2016330967	The United States of America, as represented by The Secretary, Department of Health and Human Services; University Court of the University of Aberdeen	2017366449	Northrop Grumman Systems Corporation
2016331214	Wm. Wrigley Jr. Company	2017367003	Emulate, Inc.
2016331961	Wm. Wrigley Jr. Company	2017376517	Crystal Pharmaceutical (Suzhou) Co., Ltd.
2016332745	McMillan, J.	2017376716	Guangzhou Xaircraft Technology Co., Ltd
2016340062	Lemmings LLC	2017382126	Huawei Technologies Co., Ltd.
2016341234	BASF SE	2017385151	INNOBIO Corporation Limited
2016341805	N.V. Nutricia	2017385735	LG Electronics Inc.
2016347052	Warsaw Orthopedic, Inc.	2017388066	DexCom, Inc.
2016355710	Vitae Pharmaceuticals, LLC	2017390396	Olipass Corporation
2016355950	Specialites Pet Food	2017404864	Huawei Technologies Co., Ltd.
2016359087	Smiths Medical International Limited	2017406729	The Yokohama Rubber Co., Ltd.
2016362088	Qualcomm Incorporated	2017412260	Butler, B.
2016362239	BioSight Ltd.	2017412462	HANGZHOU AGS MEDTECH CO., LTD.
2016362656	Yuyama MFG. Co., Ltd.	2017417179	Honeywell International Inc.
2016362897	Fresenius Medical Care Holdings, Inc.	2017432184	Colgate-Palmolive Company
2016368571	Gentex Corporation	2017436676	Colgate-Palmolive Company
2016369278	Smart Wires Inc.	2018204702	Genomatica, Inc.
2016369318	TCER AB	2018208953	Huawei Technologies Co., Ltd.
2016369616	PTC Therapeutics, Inc.	2018209810	Ferton Holding S.A.
2016374242	Kellogg Company	2018219696	Huawei Technologies Co., Ltd.
2016375634	Kancera AB	2018222737	AiVita Biomedical, Inc.
2016377399	Horten Medical Pty Ltd	2018226413	Lumen Bioscience, Inc.
2016379292	Kyowa Kirin Co., Ltd.	2018226972	Commissariat A L'energie Atomique et aux Energies Alternatives
2016389383	Adaptix Ltd	2018228169	Nakaya, H.
2016407744	TETRO LTD.	2018235626	JFE Steel Corporation
2016409477	Kimberly-Clark Worldwide, Inc.	2018236284	American Superconductor Corporation
2016425930	BITZER K�hlmaschinenbau GmbH	2018237196	Drilling Info, Inc.
2017200226	Bally Gaming, Inc.	2018237279	General Electric Company
2017201881	Bloom, G.J.	2018239715	Dainichiseika Color & Chemicals MFG. Co., Ltd.
2017202774	Columbia Steel Casting Co., Inc.	2018241176	ConforMIS, Inc.
2017205261	Janssen Sciences Ireland UC	20182427230	Fisher & Paykel Healthcare Limited
2017206039	Celgene Corporation	2018247879	W. L. Gore & Associates GmbH
2017210152	Kellogg Company	2018253633	redpath, r.
2017211975	De Staat der Nederlanden, vert. door de minister van VWS, Ministerie van Volksgezondheid, Welzijn en Sport	2018257151	LG Electronics Inc.
2017212349	CareFusion 303, Inc.	2018260325	LG Electronics Inc.
2017212426	The Regents of The University of California	2018267235	Medtronic Vascular Inc.
2017213993	EA Pharma Co., Ltd.	2018269238	Apple Inc.
2017217271	CDRD Ventures Inc.	2018271334	TNBT Holdings Pty Limited
2017222695	Cronk, P.	2018274579	F. Hoffmann-La Roche AG
2017222962	Asceneuron S. A.	2018274973	Council of Scientific and Industrial Research
2017222968	Sirona Dental Systems GmbH	2018275017	Johnson Matthey Davy Technologies Limited
2017225796	NuVasive, Inc.	2018276382	Metys Pharmaceuticals AG
2017227553	BASF SE	2018276617	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.
2017227967	Immatics Biotechnologies GmbH	2018279064	1266638 B.C. Unlimited Liability Company
2017230098	Angel Pharmaceutical Co., Ltd.	2018280144	Medos International S�rl
2017232930	Chromadex Inc.; The Queen's University of Belfast	2018283289	Beta Pharma, Inc.
2017234548	DOTS Technology Corp.	2018284887	Huawei Technologies Co., Ltd.
2017242155	Vidac Pharma Ltd.	2018284889	Huawei Technologies Co., Ltd.
2017251853	Grifols Worldwide Operations Limited	2018287810	Novartis AG
2017251920	The European Atomic Energy Community (EURATOM), represented by The European Commission	2018290633	Korea Advanced Institute of Science and Technology
2017267267	Kemira Oyj	2018292248	AdvanSix Resins & Chemicals LLC
2017269496	Novo Nordisk A/S	2018293858	Fujitsu General Limited
2017272072	Covidien LP	2018295815	Qingdao Haier Joint Stock Co., Ltd
2017272081	Covidien LP	2018295820	Qingdao Haier Joint Stock Co., Ltd
2017272085	Covidien LP	2018295821	Qingdao Haier Joint Stock Co., Ltd
2017282903	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Li-an-yungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.	2018295823	Qingdao Haier Joint Stock Co., Ltd
2017283651	Xenon Pharmaceuticals, Inc.	2018295824	Qingdao Haier Joint Stock Co., Ltd
2017293355	Rohm and Haas Company; Dow Global Technologies LLC	2018299361	Gao, X.
2017294969	LEO Pharma A/S	2018306521	Uber Technologies, Inc.
		2018307743	Novartis AG
		2018309964	JFE Steel Corporation
		2018311202	F. Hoffmann-La Roche AG
		2018311538	Lutris Pharma Ltd.
		2018314618	Nanjing Chervon Industry Co., Ltd.

Applications Accepted - Numerical Index cont'd

2018315105	Huawei Technologies Co., Ltd.	2019202189	Sony Corporation
2018315349	Huawei Technologies Co., Ltd.	2019202391	Carlson, M.
2018315384	Huawei Technologies Co., Ltd.	2019202781	DYWIDAG-Systems International Pty Limited
2018317057	Cosmed Pharmaceutical Co., Ltd.	2019202927	Aristocrat Technologies Australia Pty Limited
2018317224	Huawei Technologies Co., Ltd.	2019203038	The Regents of The University of California
2018317991	National Nail Corp.	2019203247	Flow Control LLC.
2018318307	Colgate-Palmolive Company	2019203306	ARRIS Enterprises LLC
2018320433	Nippon Telegraph and Telephone Corporation	2019203346	The Rockefeller University
2018320481	Nicoventures Holdings Limited	2019203390	Aristocrat Technologies Australia Pty Limited
2018321269	Eli Lilly and Company	2019203482	Wellhead Power Solutions, LLC
2018326133	Outotec (Finland) Oy	2019203499	Bollinger Motors, LLC
2018329316	Kortek Corporation	2019203606	Cyclerion Therapeutics, Inc.
2018337597	F. Hoffmann-La Roche AG	2019203674	Ionis Pharmaceuticals, Inc.
2018339877	Blücher GmbH	2019203889	Bourgault Industries Ltd.
2018341824	Medtronic, Inc.	2019203933	Tata Consultancy Services Limited
2018343760	Daikin Industries, Ltd.	2019204016	Teva Pharmaceuticals Australia Pty Ltd
2018344272	Alfa Laval Corporate AB	2019204074	Contemporary Han Cloud Co., Ltd
2018344738	Mayekawa Mfg. Co., Ltd.	2019204132	Video Gaming Technologies Inc.
2018346983	National Presto Industries, Inc.	2019204357	eTeam Software Pty Ltd
2018347543	General Electric Company	2019204391	Japan Tobacco Inc.
2018347544	General Electric Company	2019204541	Medtronic PS Medical, Inc.
2018350632	Perspectum Diagnostics Ltd	2019204591	Allergan, Inc.
2018350899	Becton, Dickinson and Company	2019204710	Advanced New Technologies Co., Ltd.
2018350951	Seb S.A.	2019204750	Apple Inc.
2018359395	East Coast Racing Technologies, Inc.	2019204764	ServiceNow, Inc.
2018359467	JFE Steel Corporation	2019204950	Unilever PLC
2018360546	Cosmed Pharmaceutical Co., Ltd.	2019205020	Scholle IPN Corporation
2018361651	Nicoventures Trading Limited	2019206300	Northrop Grumman Systems Corporation
2018362395	CRRC Qiqihar Rolling Stock Co., Ltd.	2019208209	LCI Italy s.r.l.
2018362626	3M Innovative Properties Company	2019209726	WU, Z.
2018364268	LG Electronics Inc.	2019210529	Thursday Pools
2018364741	Visby Medical, Inc.	2019213344	Milliken & Company
2018372208	Wing Aviation LLC	2019213406	Snap-on Incorporated
2018375539	Westinghouse Air Brake Technologies Corporation	2019213705	Dorf Ketal Chemicals FZE
2018379418	2330-2029 Québec Inc.	2019216665	President and Fellows of Harvard College
2018388155	Qingdao Haier Co., Ltd.	2019216666	CommScope Technologies LLC
2018388156	Qingdao Haier Co., Ltd.	2019219721	Snap-on Incorporated
2018388451	Qualcomm Incorporated	2019219781	Covidien LP
2018388878	Colgate-Palmolive Company; Northwestern University	2019222800	Mestek Machinery, Inc.
2018388887	Wing Aviation LLC	2019222858	Snap-on Incorporated
2018389760	Medacta International SA	2019222909	Gilead Pharmasset LLC
2018390806	Motorola Solutions, Inc.	2019226125	CureVac AG
2018393124	Platinum Press, Inc.	2019226218	DEKA Products Limited Partnership
2018398249	HysensBio	2019229328	Nevro Corporation
2018407557	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019232798	FERNO-WASHINGTON, INC.
2018409528	GC Corporation	2019236640	Steelcase Inc.
2018412818	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019236666	SK Biopharmaceuticals Co., Ltd.
2018413427	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019236753	SWIMC LLC
2018421501	Taiyuan University of Technology	2019240608	JT International SA
2018437877	WÜST, D.	2019240683	STRYKER EUROPEAN HOLDINGS I, LLC
2019200306	Bioerativ Therapeutics Inc.	2019250145	Socure Inc.
2019200667	LG Electronics Inc.	2019250182	Apple Inc.
2019200807	Mobility View Inc.	2019251763	Bradshaw, G.
2019201008	Rani Therapeutics, LLC	2019253843	LG Electronics Inc.
2019201179	Agios Pharmaceuticals, Inc.	2019253885	Dow AgroSciences, LLC
2019201311	Eddy Current Limited Partnership	2019257431	Boston Scientific Scimed, Inc.
2019201413	HOEL, S.; PERLMAN, T.	2019257432	Boston Scientific Scimed, Inc.
2019201561	Aerovironment, Inc.	2019261702	Geistlich Pharma AG
2019201569	FREEZIO AG	2019261729	C.R. Bard, Inc.
2019201570	FREEZIO AG	2019264588	Grifols Worldwide Operations Limited
2019201571	FREEZIO AG	2019269518	Outotec (Finland) Oy
2019201574	FREEZIO AG	2019275654	ZHEJIANG DINGLI MACHINERY CO., LTD
2019201746	Ortho Regenerative Technologies Inc.	2019279933	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2019201763	Duke University	2019279979	Novartis AG
2019201933	Illinois Tool Works Inc.	2019280085	Jarvis Products Corporation
2019201946	Dose Medical Corporation	2019283935	Apple Inc.
2019202031	Clariant International Ltd	2019284018	NBCUniversal Media, LLC
2019202043	HFI Innovation Inc.	2019284020	Qualcomm Incorporated
2019202148	Dexcom, Inc.	2019285719	The Regents of the University of California
		2019294284	4D Pharma Research Limited

## Applications Accepted - Numerical Index cont'd

2019299871	Hefei Hualing Co., Ltd.; Hefei Midea Refrigerator Co., Ltd.; Midea Group Co., Ltd.
2019299872	Hefei Hualing Co., Ltd.; Hefei Midea Refrigerator Co., Ltd.; Midea Group Co., Ltd.
2019302855	Qingdao Haier Co., Ltd.
2019308597	IB Operations Pty Ltd
2019312110	S. C. Johnson & Son, Inc.
2019316712	Orlar Pty Ltd
2019332682	Intuit Inc.
2019334039	Prof. Reymond & Hetzel GBR
2019338302	Citrix Systems, Inc.
2020200053	Qualcomm Incorporated
2020200129	Sarong Societa' Per Azioni
2020200312	Mara Renewables Corporation
2020200699	Skyhawk Therapeutics, Inc.
2020201114	INCYTE HOLDINGS CORPORATION
2020201168	Boehringer Ingelheim Vetmedica GmbH
2020201209	PlanetAir Turf Products, LLC
2020201378	Waymo LLC
2020201539	Colgate-Palmolive Company; Omron Healthcare Co., Ltd
2020201575	Apple Inc.
2020201680	Unger, E.C.
2020202072	Kimura Kohki Co., Ltd.
2020202380	Bechtel Oil, Gas & Chemicals, Inc.
2020202458	Regents of the University of Minnesota
2020202837	Catalyst Lifestyle Limited; Lai, J.; Wright, J.
2020202940	Commonwealth Scientific and Industrial Research Organisation
2020203055	Atea Pharmaceuticals, Inc.
2020203839	Zhang, S.
2020204367	Zebra Technologies Corporation
2020207809	Mallinckrodt Hospital Products IP Limited
2020220065	Dalian University of Technology
2020220204	Phoenix Biotechnology, Inc.
2020239701	Seminis Vegetable Seeds, Inc.
2020257071	GREENSPOON, A.
2020264385	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020277216	Apple Inc.
2020281139	LWC Research Pty Ltd
2020281143	Commonwealth Scientific and Industrial Research Organisation
2020294319	Hubei University
2021200102	Apple Inc.
2021201167	Apple Inc.

IPC Index

<b><u>A01B 15 /-</u></b>	2015318730	<b><u>A22B 3 /-</u></b>		2018350951	<b><u>A61B 6 /-</u></b>
2017326434	<b><u>A01H 5 /-</u></b>	2019280085	<b><u>A24B 15 /-</u></b>	<b><u>A47K 10 /-</u></b>	2016389383
<b><u>A01B 45 /-</u></b>	2015234595	<b><u>A22C 15 /-</u></b>	2018361651	2015365678	2020201539
2020201209	2015265412	2018344738	<b><u>A24F 47 /-</u></b>	<b><u>A47K 5 /-</u></b>	<b><u>A61B 90 /-</u></b>
<b><u>A01B 49 /-</u></b>	2015318730	<b><u>A22C 17 /-</u></b>	2018320481	2017432184	2016290620
2017326434	2020239701	2018344738	2019204391	<b><u>A47L 23 /-</u></b>	2016359087
<b><u>A01B 69 /-</u></b>	<b><u>A01K 13 /-</u></b>	<b><u>A22C 21 /-</u></b>	2019240608	2019213344	2017272081
2016256796	2019251763	2018344738	<b><u>A43B 13 /-</u></b>	<b><u>A47L 9 /-</u></b>	2017272085
<b><u>A01B 79 /-</u></b>	<b><u>A01N 25 /-</u></b>	2018344738	2017412260	2017385735	2017295728
2016261331	2016341234	<b><u>A23B 7 /-</u></b>	<b><u>A43B 17 /-</u></b>	<b><u>A61B 10 /-</u></b>	2018280144
<b><u>A01C 1 /-</u></b>	2019202031	2018346983	2017412260	2019257431	<b><u>A61C 13 /-</u></b>
2015318730	2019253885	<b><u>A23D 9 /-</u></b>	<b><u>A43B 7 /-</u></b>	2019257432	2017222968
<b><u>A01C 15 /-</u></b>	<b><u>A01N 39 /-</u></b>	2016355950	<b><u>A45B 5 /-</u></b>	2019261729	2018409528
2017326434	2019202031	<b><u>A23G 3 /-</u></b>	2018299361	<b><u>A61B 17 /-</u></b>	<b><u>A61D 7 /-</u></b>
<b><u>A01C 5 /-</u></b>	2019253885	<b><u>A23G 4 /-</u></b>	<b><u>A45B 9 /-</u></b>	2015330972	2019251763
2017326434	<b><u>A01N 41 /-</u></b>	2016331214	2018299361	2016291125	<b><u>A61F 11 /-</u></b>
<b><u>A01C 7 /-</u></b>	2019202031	<b><u>A23G 7 /-</u></b>	<b><u>A46B 15 /-</u></b>	2016303648	2018362626
2017326434	<b><u>A01N 43 /-</u></b>	2016331961	2020201539	2016313238	<b><u>A61F 13 /-</u></b>
2019203889	2016219789	<b><u>A23K 10 /-</u></b>	<b><u>A46B 5 /-</u></b>	2016359087	2016362897
<b><u>A01D 34 /-</u></b>	2017232930	2016264468	2020201539	2016377399	<b><u>A61F 2 /-</u></b>
2018314618	2019253885	<b><u>A23K 20 /-</u></b>	<b><u>A46B 9 /-</u></b>	2017412462	2016306634
2019200667	<b><u>A01N 47 /-</u></b>	2016355950	2020201539	2018280144	2016311439
<b><u>A01D 46 /-</u></b>	2019202031	2018290633	<b><u>A47B 67 /-</u></b>	2018389760	2016313238
2016203543	<b><u>A01N 57 /-</u></b>	<b><u>A23K 40 /-</u></b>	2019219721	2019204541	2016347052
<b><u>A01D 57 /-</u></b>	2016233143	2016355950	<b><u>A47B 88 /-</u></b>	2019240683	2018241176
2016203543	2017227553	<b><u>A23K 50 /-</u></b>	2019236640	<b><u>A61B 18 /-</u></b>	2018267235
<b><u>A01F 15 /-</u></b>	<b><u>A01N 63 /-</u></b>	2016264468	<b><u>A47C 1 /-</u></b>	2019219781	<b><u>A61F 5 /-</u></b>
2016203543	2016219789	<b><u>A23L 27 /-</u></b>	2016201802	<b><u>A61B 3 /-</u></b>	2016274309
<b><u>A01G 31 /-</u></b>	<b><u>A01N 65 /-</u></b>	2016264468	<b><u>A47C 3 /-</u></b>	2016233280	2016311439
2019316712	2016219789	<b><u>A23L 33 /-</u></b>	2019236640	<b><u>A61B 34 /-</u></b>	2018379418
<b><u>A01G 7 /-</u></b>	2019202031	2018290633	<b><u>A47C 3 /-</u></b>	2017272072	<b><u>A61F 9 /-</u></b>
2017222695	2019253885	2018398249	<b><u>A47G 19 /-</u></b>	2017272081	2016285453
<b><u>A01G 9 /-</u></b>	<b><u>A21C 11 /-</u></b>	<b><u>A23L 7 /-</u></b>	2015365678	2017272085	2019201946
2019316712	2017210152	2017210152	<b><u>A47J 31 /-</u></b>	2017295728	<b><u>A61G 13 /-</u></b>
<b><u>A01H 1 /-</u></b>	<b><u>A21C 9 /-</u></b>	<b><u>A23P 20 /-</u></b>	2019201569	2018280144	2019201413
2020239701	2016374242	2016374242	2019201570	<b><u>A61B 5 /-</u></b>	<b><u>A61G 3 /-</u></b>
<b><u>A01H 3 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A23P 30 /-</u></b>	2019201571	2016215025	2019232798
	2016374242	2017210152	2019201574	2016233280	2019232798
			<b><u>A47J 37 /-</u></b>	2016266994	<b><u>A61H 15 /-</u></b>
				2016290620	2018437877
				2016292652	<b><u>A61H 23 /-</u></b>
				2016293382	2018437877
				2016362897	<b><u>A61J 3 /-</u></b>
				2017225796	2016291707
				2017388066	2016362656
				2018341824	2019201008
				2019201763	
				2019202148	
				2019203346	
				2019204074	
				2020201539	



Applications Accepted - IPC Index cont'd

<b><u>A61K 31 /-</u></b>	<b><u>A61K 38 /-</u></b>	2019294284		2016375634	2018329316
2015329795	2015279712	2020201168	<b><u>A61P 1 /-</u></b>	2016379292	2019202927
2015353701	2017217271	2020201680	2017213993	2017242155	2019203390
2015363883	2017269496	2020257071	2018287810	2017282903	2019204132
2015366914	2017390396	<b><u>A61L 15 /-</u></b>	2019294284	2017338269	<b><u>A63G 27 /-</u></b>
2016211630	2018398249			2019201179	
2016230793	2019203674	2016307942	<b><u>A61P 11 /-</u></b>	2019261702	2015287748
2016243529	2019204591	<b><u>A61L 2 /-</u></b>	2015206684	2020201114	<b><u>B01D 53 /-</u></b>
2016245984	2019264588		2017213993	2020201680	
2016286804	2020201168	2016278780	<b><u>A61P 37 /-</u></b>		2018275017
2016292450	<b><u>A61K 39 /-</u></b>	<b><u>A61L 24 /-</u></b>	2015360903		2020202940
2016307942		2016307942	2016226115		<b><u>B01D 9 /-</u></b>
2016317968	2015264189	2019201746	2016330967		
2016322552	2015278829	<b><u>A61L 27 /-</u></b>	2016375634		2018226972
2016330967	2015279712		2017213993		2020200312
2016347052	2015318001	2019201746	2017294969	<b><u>A61P 41 /-</u></b>	<b><u>B01J 12 /-</u></b>
2016362239	2015353376	<b><u>A61L 9 /-</u></b>	2018311538		2018275017
2016369616	2015360903		<b><u>A61P 19 /-</u></b>	2019264588	
2016375634	2016226115	2019312110	2017213993	<b><u>A61P 43 /-</u></b>	<b><u>B01J 13 /-</u></b>
2016379292	2016316723	<b><u>A61M 1 /-</u></b>	2019201746		2016341234
2017205261	2017227967	2016362897	<b><u>A61P 25 /-</u></b>	2017213993	<b><u>B01J 19 /-</u></b>
2017206039	2018222737	2019226218		2019294284	
2017211975	2018290633	<b><u>A61M 11 /-</u></b>	2017213993	<b><u>A61P 7 /-</u></b>	2017234548
2017213993	2019203674		2017222962	2015329795	<b><u>B01J 20 /-</u></b>
2017222962	2019226125	<b><u>A61M 13 /-</u></b>	2017283651	2017376517	
2017232930	2019279979		2018276382	<b><u>A61P 9 /-</u></b>	2020202940
2017242155	2020201680	2019334039	2019203606		<b><u>B01J 29 /-</u></b>
2017282903	<b><u>A61K 45 /-</u></b>	<b><u>A61M 16 /-</u></b>	2019264588	2019264588	2018276617
2017283651			2020257071	<b><u>A61Q 11 /-</u></b>	<b><u>B01L 3 /-</u></b>
2017294969	2015353376	2015230787	<b><u>A61P 27 /-</u></b>	2017436676	2016250009
2017324725	2015360469	2016266994		2018209810	<b><u>B01L 7 /-</u></b>
2017338269	2015363883	2018247230	<b><u>A61P 29 /-</u></b>	2018318307	
2017376517	2016245984	2020207809		<b><u>A61Q 13 /-</u></b>	2018364741
2018276382	2016286804	<b><u>A61M 25 /-</u></b>	2016330967		<b><u>B01L 9 /-</u></b>
2018283289	2016362239		2017213993	2016223718	
2018287810	2018290633	2016285923	<b><u>A61P 3 /-</u></b>	<b><u>A61Q 19 /-</u></b>	2016250009
2018307743	<b><u>A61K 47 /-</u></b>	2019257431			<b><u>B03B 7 /-</u></b>
2018311538		2019257432	<b><u>A61P 31 /-</u></b>	2017436676	
2019201179	2015353376	<b><u>A61M 37 /-</u></b>		<b><u>A63B 5 /-</u></b>	2015330629
2019201746	2015360469		2017213993		<b><u>B03B 9 /-</u></b>
2019203038	2015363883	2016291707	2017217271	<b><u>A63B 55 /-</u></b>	2015330629
2019203606	2016245984	2017212349	2017324725		<b><u>B03C 1 /-</u></b>
2019222909	2016286804	<b><u>A61M 39 /-</u></b>	2019203606	2016340062	
2019261702	2016362239		2020201168	<b><u>A63B 57 /-</u></b>	2015330629
2020200699	2018290633	2018317057	<b><u>A61P 3 /-</u></b>		2016311278
2020201114	<b><u>A61K 48 /-</u></b>	2018360546		2016407744	2020203839
2020201168		<b><u>A61M 5 /-</u></b>	2017213993	<b><u>A63B 67 /-</u></b>	<b><u>B05B 12 /-</u></b>
2020201680	2014366047		2017217271		2015365323
2020203055	2016219789	<b><u>A61M 39 /-</u></b>	2017324725	<b><u>A63B 69 /-</u></b>	
2020220204	<b><u>A61K 6 /-</u></b>		2019203606		<b><u>B22F 1 /-</u></b>
2020257071		2018317057	2020201168	2015201904	2018274973
<b><u>A61K 33 /-</u></b>	2018409528	2018360546	<b><u>A61P 31 /-</u></b>	<b><u>A63F 13 /-</u></b>	2018274973
	<b><u>A61K 8 /-</u></b>	<b><u>A61M 39 /-</u></b>			
2017242155			2017205261		
<b><u>A61K 35 /-</u></b>	2016223718	2016291707	2017211975	<b><u>A63B 57 /-</u></b>	
	2017436676	2017212349	2019222909		2015330629
2015206684	2018209810	<b><u>A61M 5 /-</u></b>	2020220204	2016340062	2016311278
2015275798	2018318307		<b><u>A61P 33 /-</u></b>		2020203839
2015339744	<b><u>A61K 9 /-</u></b>	2016362897		<b><u>A63B 67 /-</u></b>	<b><u>B05B 12 /-</u></b>
2015366914		2017212349	2016211630		2015365323
2016246707	2015353701	2018311202	<b><u>A61P 35 /-</u></b>	2015201904	
2016311278	2015360469	2018321269		<b><u>A63B 69 /-</u></b>	<b><u>B22F 9 /-</u></b>
2018222737	2015363883	2018350899	2014366047		
2019201746	2016233143	<b><u>A61N 1 /-</u></b>	2015366914	2015201904	2018274973
2019294284	2016245984		2016292450	<b><u>A63F 13 /-</u></b>	
<b><u>A61K 36 /-</u></b>	2016286804	2018341824	2016307942		2018274973
	2016341234	2019201763	2016322552	2017200226	2018274973
2016264468	2019201008	2019201746	2016330967		
	2019285719	2019229328	2016362239		

Applications Accepted - IPC Index cont'd

<b>B23K 26 /-</b>	2016341805 2018247879	2018375539	<b>B65D 41 /-</b>	<b>B67D 3 /-</b>	2016375634
2019222800	<b>B32B 25 /-</b>	<b>B61H 9 /-</b>	2018309964	2017432184	<b>C07D 213 /-</b>
<b>B25B 13 /-</b>	2017406729 2018247879	2018375539	<b>B65D 65 /-</b>	<b>B67D 7 /-</b>	2016379292 2017376517 2018307743
2019213406 2019222858	<b>B32B 27 /-</b>	2016256796	<b>B65D 77 /-</b>	2017432184 2019201569 2019201570 2019201571 2019201574	<b>C07D 215 /-</b>
<b>B25B 23 /-</b>	2016275292 2016341805 2018247879	<b>B62D 25 /-</b>	2015348801 2016341805		2016379292 2017242155
2019222858		2016275292	<b>B65D 85 /-</b>	<b>B82Y 30 /-</b>	<b>C07D 217 /-</b>
<b>B25D 11 /-</b>	<b>B32B 29 /-</b>	<b>B62D 33 /-</b>	2020200129 2020202837	2016201500	2016355710 2018307743
2016332745	2018247879	2019203499		<b>C01B 32 /-</b>	
<b>B25D 16 /-</b>	<b>B32B 3 /-</b>	<b>B62D 49 /-</b>	<b>B65G 15 /-</b>	2020294319	<b>C07D 231 /-</b>
2016332745	2016275292 2016341805	2019203499	2015383597 2017406729	<b>C01D 15 /-</b>	2016355710 2017230098 2017324725 2018307743
<b>B25F 1 /-</b>	<b>B32B 37 /-</b>	<b>B62D 5 /-</b>	<b>B65G 41 /-</b>	2019269518	
2019236753	2016275292	2016256796	2015383597	<b>C01G 45 /-</b>	<b>C07D 235 /-</b>
<b>B25H 3 /-</b>	<b>B32B 5 /-</b>	<b>B63B 73 /-</b>	<b>B65G 47 /-</b>	2020294319	2016375634
2019219721	2016275292 2018247879	2019209726	2016278780	<b>C02F 1 /-</b>	<b>C07D 239 /-</b>
<b>B25J 9 /-</b>		<b>B63C 11 /-</b>	<b>B65G 59 /-</b>	2018339877	
2016255613	<b>B32B 7 /-</b>	2020207809	2019204950	<b>C02F 101 /-</b>	2016355710 2018283289
<b>B29C 33 /-</b>	2016275292 2016287455	<b>B64C 29 /-</b>	<b>B65H 39 /-</b>	2018339877	<b>C07D 241 /-</b>
2016233335	<b>B41F 16 /-</b>	<b>B64C 35 /-</b>	2015365678	2016218937	2017294969 2018226972
<b>B29C 35 /-</b>	2016282545	2019201561	<b>B65H 45 /-</b>	<b>C03C 3 /-</b>	<b>C07D 249 /-</b>
2015373310	<b>B44B 5 /-</b>	<b>B64C 39 /-</b>	2015365678 2018393124	2016218937	2015268300 2020220065
<b>B29C 41 /-</b>	2016282545	2018372208	<b>B66C 11 /-</b>	<b>C07C 271 /-</b>	<b>C07D 251 /-</b>
2016233335	<b>B44C 1 /-</b>	<b>B65B 1 /-</b>	2018421501	2019236666	2019201179
<b>B29C 67 /-</b>	2016282545	2018346983	<b>B66C 23 /-</b>	<b>C07C 381 /-</b>	<b>C07D 261 /-</b>
2015373310	<b>B60P 3 /-</b>	<b>B65B 11 /-</b>	2019275654	2018307743	2016317968
<b>B29C 70 /-</b>	2019203499 2019208209	2016203543	<b>B66C 3 /-</b>	<b>C07C 39 /-</b>	<b>C07D 263 /-</b>
2016275292	<b>B60R 11 /-</b>	<b>B65B 3 /-</b>	2016267028	2020257071	2016375634 2018307743
<b>B29D 29 /-</b>	2016222424	2018346983 2019205020	<b>B66D 1 /-</b>	<b>C07C 50 /-</b>	<b>C07D 265 /-</b>
2017406729	<b>B60R 21 /-</b>	<b>B65B 55 /-</b>	2016222677	2016369616	2018307743
<b>B31D 1 /-</b>	2020201378	2019205020	<b>B66F 11 /-</b>	<b>C07C 59 /-</b>	<b>C07D 271 /-</b>
2015365678	<b>B60R 9 /-</b>	2019275654	2019275654	2019253885	2016230793
<b>B31D 5 /-</b>	2016222424	<b>B65D 1 /-</b>	<b>B67B 3 /-</b>	<b>C07D 205 /-</b>	<b>C07D 277 /-</b>
2015365678	<b>B60W 30 /-</b>	2018346983	2016278780	2018307743	
<b>B31F 1 /-</b>	2016340062	<b>B65D 33 /-</b>	<b>B67D 1 /-</b>	<b>C07D 207 /-</b>	2016375634 2018307743
2015365678	<b>B61F 5 /-</b>	2015348801	2019201569 2019201570 2019201571 2019201574	2016369616 2018307743	<b>C07D 291 /-</b>
<b>B32B 1 /-</b>	2018362395	<b>B65D 35 /-</b>		<b>C07D 209 /-</b>	2019261702
2018247879	<b>B61H 13 /-</b>	2019201569 2019201570			
<b>B32B 15 /-</b>		2019201570		2016330967	

Applications Accepted - IPC Index cont'd

<b><u>C07D 307 /-</u></b>	<b><u>C07D 471 /-</u></b>	2016255570	<b><u>C08F 275 /-</u></b>	<b><u>C09D 151 /-</u></b>	<b><u>C12N 9 /-</u></b>
2016375634	2016297558	2016326889	2016201500	2016201500	2015279712
2018307743	2016355710	2018274579			2017227553
	2016375634	2019200306	<b><u>C08F 30 /-</u></b>	<b><u>C09D 5 /-</u></b>	2017385151
<b><u>C07D 311 /-</u></b>	2017205261	2019203674		2017293355	2019285719
	20172330098		<b><u>C07K 1 /-</u></b>		
2016379292	2018337597			<b><u>C09J 5 /-</u></b>	<b><u>C12P 13 /-</u></b>
2020257071	2019203606	2015308773	<b><u>C08F 4 /-</u></b>		
	2020200699	2019200306		2016287455	2017227553
<b><u>C07D 333 /-</u></b>	2020201114		2018239715		2018204702
		<b><u>C07K 14 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C12P 19 /-</u></b>
2016375634	<b><u>C07D 473 /-</u></b>	2014366047		2016280455	
2018307743	2016243529	2015265412	<b><u>C08G 63 /-</u></b>		2016255570
		2015308773		<b><u>C10L 1 /-</u></b>	2016326889
<b><u>C07D 401 /-</u></b>	<b><u>C07D 487 /-</u></b>	2015348254	2016280455	2019213705	<b><u>C12P 21 /-</u></b>
	2016297558	2017213993			
2016330967	2016297558	2017227967	<b><u>C08J 3 /-</u></b>	<b><u>C11B 1 /-</u></b>	2017385151
2016355710	2016322552	2017269496			2019200306
2016375634	2016375634	2017390396	<b><u>C08J 5 /-</u></b>	2020200312	
2016379292	2017205261	2018222737		<b><u>C11B 3 /-</u></b>	<b><u>C12P 41 /-</u></b>
2017206039	2017338269	2018226413	2019201746		
2017324725	2019203606	2018290633	<b><u>C08J 5 /-</u></b>	2020200312	2017227553
2018283289		2019204016			
2019201179	<b><u>C07D 491 /-</u></b>		2016287455	<b><u>C11B 5 /-</u></b>	<b><u>C12P 7 /-</u></b>
2020201114	2016375634	<b><u>C07K 16 /-</u></b>			
	2017213993	2014366047	<b><u>C08K 3 /-</u></b>	2016355950	2018204702
<b><u>C07D 403 /-</u></b>	2017283651	2015264189			2018226413
	2019222909	2015301338	2016280455	<b><u>C11B 9 /-</u></b>	2019285719
2016292450	2020201114	2015318001	2017406729		2020200312
2017213993		2016226115		2016223718	<b><u>C12P 9 /-</u></b>
2017282903	<b><u>C07D 495 /-</u></b>	2016249991	<b><u>C08K 5 /-</u></b>	2016264468	
2017324725	2016317968	2018290633			2017227553
2019201179	2016355710	2019200306	2016280455	<b><u>C11D 3 /-</u></b>	
2019203606	2016375634	2019204016	2017406729		
	2019203606	2019279979		2016223718	<b><u>C12Q 1 /-</u></b>
<b><u>C07D 405 /-</u></b>	2020201114		<b><u>C08K 7 /-</u></b>		
		<b><u>C07K 17 /-</u></b>		<b><u>C12M 1 /-</u></b>	2014368982
2016297558	2016317968	2015308773	2016280455		2015209718
2016355710	2016355710			2016311278	2015289612
2016379292	2019203606	<b><u>C07K 19 /-</u></b>	<b><u>C08L 5 /-</u></b>	2017234548	2015307220
2017213993	2020201114	2015268300			2016208414
2017222962		2015308773	<b><u>C08L 51 /-</u></b>	<b><u>C12N 1 /-</u></b>	2016255570
2017324725	<b><u>C07D 498 /-</u></b>	2018274579			2016326889
2019201179	2016375634		2016201500	2017227553	2017234548
		<b><u>C07K 19 /-</u></b>		2017385151	2018364741
<b><u>C07D 409 /-</u></b>	<b><u>C07D 499 /-</u></b>	2015268300	<b><u>C08L 61 /-</u></b>	2018204702	
	2016330967	2015308773			<b><u>C12R 1 /-</u></b>
2016375634		2018274579	<b><u>C08L 67 /-</u></b>	<b><u>C12N 15 /-</u></b>	2016246707
2017213993	<b><u>C07D 513 /-</u></b>				2017385151
2017324725	2017222962	<b><u>C07K 2 /-</u></b>	2016280455	2014366047	2018226413
2019201179		2016316723		2014368982	
	<b><u>C07D 519 /-</u></b>		<b><u>C08L 7 /-</u></b>	2015234595	<b><u>C21D 1 /-</u></b>
<b><u>C07D 413 /-</u></b>	2016297558	<b><u>C07K 4 /-</u></b>		2015265412	
	2016297558	2016246707	<b><u>C08L 7 /-</u></b>	2015279642	2018235626
2016292450	2017338269			2015344993	
2016317968	2018337597	<b><u>C07K 7 /-</u></b>	<b><u>C08L 9 /-</u></b>	2016219789	<b><u>C21D 9 /-</u></b>
2016375634		2017217271		2016255570	
2017294969	<b><u>C07H 1 /-</u></b>	2017227967	2017406729	2017385151	2018235626
2019203606	2018274579	2018398249		2017390396	2018309964
		2019204591	<b><u>C09B 67 /-</u></b>	2019216665	2018359467
<b><u>C07D 417 /-</u></b>	<b><u>C07H 15 /-</u></b>			2020239701	
	2017211975	<b><u>C08F 2 /-</u></b>	<b><u>C12N 5 /-</u></b>		<b><u>C22B 1 /-</u></b>
2016330967		2016201500		2015206684	2019308597
2016375634	<b><u>C07H 19 /-</u></b>		2016341234	2015275798	
2017206039	2016362239	<b><u>C08F 265 /-</u></b>		2015279642	<b><u>C22B 26 /-</u></b>
2017222962	2017232930		<b><u>C09C 1 /-</u></b>	2016246707	
2017294969	2020203055	2016201500		2017367003	2019269518
2018307743		2018239715	2016201500	2018222737	
2019201179	<b><u>C07H 21 /-</u></b>				
2019203606					
2020201114					

Applications Accepted - IPC Index cont'd

<b><u>C22C 38 /-</u></b>		2016210554	<b><u>F16B 5 /-</u></b>	<b><u>F24S 30 /-</u></b>	<b><u>F28F 1 /-</u></b>
2018235626	<b><u>E04C 2 /-</u></b>	<b><u>E21B 23 /-</u></b>	2016247094	2016208803	2020202380
2018309964	2016275292				
2018359467	2020281139	2016207841	<b><u>F16C 11 /-</u></b>	<b><u>F25B 1 /-</u></b>	<b><u>F28F 25 /-</u></b>
<b><u>C40B 50 /-</u></b>	<b><u>E04C 5 /-</u></b>	<b><u>E21B 27 /-</u></b>	2016267028	2018293858	2015371632
2016326889	2020281139	2016210554	<b><u>F16G 15 /-</u></b>	2019302855	<b><u>F28F 3 /-</u></b>
<b><u>D03D 15 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21B 31 /-</u></b>	2016267028	<b><u>F25B 30 /-</u></b>	2018344272
2015372432	2018317991	2016332745	2017202774	2020202072	<b><u>F28F 9 /-</u></b>
<b><u>D04H 1 /-</u></b>	<b><u>E04G 1 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F16K 99 /-</u></b>	<b><u>F25B 41 /-</u></b>	2020202380
2015373310	2017201881	2016207841	2019275654	2019302855	<b><u>G01C 11 /-</u></b>
<b><u>D06B 1 /-</u></b>	<b><u>E04G 15 /-</u></b>	<b><u>E21B 4 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>F25B 49 /-</u></b>	2019203933
2016228937	2019201933	2016332745	2019232798	2018293858	<b><u>G01C 21 /-</u></b>
<b><u>D06M 15 /-</u></b>	<b><u>E04G 17 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16M 13 /-</u></b>	<b><u>F25C 1 /-</u></b>	2018388887
2016228937	2019201933	2015408775	2019232798	2019299871	<b><u>G01F 19 /-</u></b>
<b><u>D06M 17 /-</u></b>	<b><u>E04G 21 /-</u></b>	2016253137	<b><u>F16P 1 /-</u></b>	2019299872	
2016228937	2017201881	<b><u>E21B 6 /-</u></b>	2019222800	<b><u>F25D 11 /-</u></b>	2015348801
<b><u>D21H 11 /-</u></b>	<b><u>E04H 17 /-</u></b>	2016332745	<b><u>F16P 3 /-</u></b>	2018295823	<b><u>G01F 22 /-</u></b>
2016409477	2016204854	<b><u>E21B 7 /-</u></b>	2016201802	2019302855	2020207809
<b><u>D21H 17 /-</u></b>	<b><u>E04H 4 /-</u></b>	2016210554	<b><u>F21S 8 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G01H 15 /-</u></b>
2017267267	2019210529	2016332745	2017222695	2018260325	2016292652
<b><u>D21H 21 /-</u></b>	<b><u>E05B 15 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F21V 14 /-</u></b>	2018295815	<b><u>G01H 17 /-</u></b>
2017267267	2018271334	2019202781	2015320527	2018295820	2016292652
<b><u>D21H 27 /-</u></b>	<b><u>E05B 27 /-</u></b>	<b><u>E21D 21 /-</u></b>	2018253633	2018295821	<b><u>G01J 3 /-</u></b>
2016409477	2018271334	2019202781	<b><u>F21V 17 /-</u></b>	2018388155	
2017267267	<b><u>E05B 29 /-</u></b>	<b><u>E21F 13 /-</u></b>	2017222695	2018388156	<b><u>F25D 29 /-</u></b>
<b><u>E01F 8 /-</u></b>	2018271334	2015383597	<b><u>F21V 21 /-</u></b>	<b><u>F25D 29 /-</u></b>	2020202458
2016204854	2018271334	<b><u>F03B 15 /-</u></b>	2017222695	2018260325	<b><u>G01K 1 /-</u></b>
<b><u>E01F 9 /-</u></b>	<b><u>E05B 31 /-</u></b>	2018343760	<b><u>F21V 23 /-</u></b>	<b><u>F27B 17 /-</u></b>	2018326133
2016222424	2018271334	<b><u>F03D 7 /-</u></b>	2017222695	2017222968	<b><u>G01K 17 /-</u></b>
<b><u>E02D 5 /-</u></b>	<b><u>E05D 11 /-</u></b>	2015305303	2019219721	<b><u>F27B 7 /-</u></b>	2016253137
2016210092	2018295815	<b><u>F04B 35 /-</u></b>	<b><u>F21V 33 /-</u></b>	<b><u>F27B 9 /-</u></b>	2016253137
<b><u>E02D 7 /-</u></b>	<b><u>E05D 15 /-</u></b>	2016425930	2015294245	2015373310	<b><u>G01L 5 /-</u></b>
2016332745	2016314025	<b><u>F04B 43 /-</u></b>	2019219721	<b><u>F27D 19 /-</u></b>	2016210013
<b><u>E02F 3 /-</u></b>	<b><u>E05D 3 /-</u></b>	2019203247	<b><u>F24C 15 /-</u></b>	2017222968	<b><u>G01N 11 /-</u></b>
2016222677	2018295823	<b><u>F04B 49 /-</u></b>	2015294245	2018326133	2018346983
2016267028	<b><u>E21B 1 /-</u></b>	2016425930	<b><u>F24C 7 /-</u></b>	<b><u>F27D 21 /-</u></b>	<b><u>G01N 21 /-</u></b>
<b><u>E02F 9 /-</u></b>	2016332745	<b><u>F16B 13 /-</u></b>	<b><u>F24S 23 /-</u></b>	2017222968	2014405583
2016222677	<b><u>E21B 10 /-</u></b>	2019202781	2016208803	2018326133	2016250009
2016267028	2016210554	<b><u>F16B 21 /-</u></b>	<b><u>F24S 25 /-</u></b>	<b><u>F27D 9 /-</u></b>	<b><u>G01N 23 /-</u></b>
<b><u>E04B 1 /-</u></b>	<b><u>E21B 12 /-</u></b>	2016267028	2016208803	2017222968	2018388878
2017201881				<b><u>F28D 1 /-</u></b>	<b><u>G01N 27 /-</u></b>
				2020202380	2015314009

Applications Accepted - IPC Index cont'd

2016311278		2021200102	<b><u>G08B 21 /-</u></b>	<b><u>H01R 12 /-</u></b>	2019216666
2016362897	<b><u>G05B 19 /-</u></b>				
<b><u>G01N 33 /-</u></b>	2016253137	<b><u>G06K 19 /-</u></b>	2015317538	2016215025	<b><u>H04L 1 /-</u></b>
	2016255613		2015333584		
2015279712		2016209748		<b><u>H01R 13 /-</u></b>	2018315105
2015287510	<b><u>G05B 23 /-</u></b>	2017251920	<b><u>G08B 25 /-</u></b>		2018315384
2015314009				2016215025	2020200053
2015317622	2018237279	<b><u>G06K 7 /-</u></b>	2017417179	<b><u>H01R 4 /-</u></b>	<b><u>H04L 12 /-</u></b>
2015348254					
2015360903	<b><u>G05D 1 /-</u></b>	2015301953	<b><u>G08B 3 /-</u></b>	2015372432	2017363368
2016208414		2016209823			2017404864
2016261331	2016256796	2017251920	2015317538	<b><u>H01S 3 /-</u></b>	2017417179
2016369318	2016340062	2020204367			
2017234548	2017376716	<b><u>G06K 9 /-</u></b>	<b><u>G08G 1 /-</u></b>	2016218937	<b><u>H04L 27 /-</u></b>
2017251853	2018388887		2018359395		
	2019203933	2015301953		<b><u>H02B 1 /-</u></b>	2018284887
<b><u>G01N 35 /-</u></b>	<b><u>G05D 16 /-</u></b>	2015305303	<b><u>G09C 1 /-</u></b>		
		2016256764		2018236284	<b><u>H04L 29 /-</u></b>
2016250009	2018346983	2018237196	2018320433	<b><u>H02J 1 /-</u></b>	
		2018390806	2019204710		
<b><u>G01R 33 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G06M 11 /-</u></b>	<b><u>G10K 11 /-</u></b>	2016369278	2017363368
					2018306521
2015261715	2016253137	2016311278	2018362626	<b><u>H02J 3 /-</u></b>	2018320433
	2018346983				2019204764
<b><u>G01S 13 /-</u></b>		<b><u>G06Q 10 /-</u></b>	<b><u>G10L 15 /-</u></b>	2016369278	2019338302
				2018236284	
2020201378	<b><u>G06F 1 /-</u></b>	2019203306	2018269238	2018279064	<b><u>H04L 5 /-</u></b>
			2018390806	2019203482	2016362088
<b><u>G01S 17 /-</u></b>	2015333584	<b><u>G06Q 20 /-</u></b>			2018315384
	2016292467		<b><u>G10L 17 /-</u></b>	<b><u>H02J 7 /-</u></b>	2018364268
2019203933	2017382126	2016209748			2020200053
	2018329316	2016209823	2019279933	2016292467	<b><u>H04L 9 /-</u></b>
<b><u>G01S 19 /-</u></b>	2019226218			2016369278	
		<b><u>G06Q 99 /-</u></b>	<b><u>G10L 25 /-</u></b>	2018347543	2019204357
2016256796	<b><u>G06F 16 /-</u></b>			2018347544	2019204710
		2019250145	2018390806	<b><u>H02K 49 /-</u></b>	
<b><u>G01S 5 /-</u></b>	2019284018				<b><u>H04M 1 /-</u></b>
		<b><u>G06T 1 /-</u></b>	<b><u>H01B 11 /-</u></b>	2019201311	2016292467
2020204367	<b><u>G06F 17 /-</u></b>				2018407557
		2016256681	2015396467	<b><u>H02N 11 /-</u></b>	
<b><u>G01V 1 /-</u></b>	2016247184	<b><u>G06T 11 /-</u></b>	<b><u>H01B 9 /-</u></b>		<b><u>H04N 19 /-</u></b>
	2016256764			2018228169	
2015408775	<b><u>G06F 21 /-</u></b>	2016256764	2015396467		<b><u>H04N 21 /-</u></b>
				<b><u>H02P 8 /-</u></b>	2019202043
<b><u>G01V 3 /-</u></b>	2016318066	<b><u>G06T 19 /-</u></b>	<b><u>H01G 11 /-</u></b>		2019253843
	2018320433			2018311202	
2020264385	2019204764	2016230943	2017212426	<b><u>H02P 9 /-</u></b>	<b><u>H04N 21 /-</u></b>
					2019203306
<b><u>G01V 99 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06T 3 /-</u></b>	<b><u>H01J 35 /-</u></b>	2015201770	<b><u>H04N 5 /-</u></b>
				2018343760	
2016261331	2017388066	2020281143	2016389383		2016324578
<b><u>G02B 27 /-</u></b>	2018237279			<b><u>H02S 50 /-</u></b>	
	2018260325	<b><u>G06T 5 /-</u></b>	<b><u>H01L 21 /-</u></b>		<b><u>H04R 25 /-</u></b>
2018253633	2019204750			2018279064	
	2019250182	2016256681	2017366449		<b><u>H04R 25 /-</u></b>
<b><u>G02B 5 /-</u></b>	2019283935				2018362626
	2020201575	<b><u>G06T 7 /-</u></b>	<b><u>H01L 35 /-</u></b>	<b><u>H03K 17 /-</u></b>	
2016306634	2020277216				<b><u>H04W 12 /-</u></b>
	2021200102	2016256764	2018228169	2019206300	
<b><u>G02B 6 /-</u></b>	2021201167	2018253633			2018219696
		2018350632	<b><u>H01L 39 /-</u></b>	<b><u>H04B 1 /-</u></b>	2019338302
2015294245	<b><u>G06F 40 /-</u></b>	2018388887			
2015396467		2019203933	2017366449	2018412818	<b><u>H04W 16 /-</u></b>
2016218937	2018237196			2018413427	
		<b><u>G07B 15 /-</u></b>	<b><u>H01M 10 /-</u></b>		2019202189
<b><u>G02B 7 /-</u></b>	<b><u>G06F 7 /-</u></b>			<b><u>H04B 3 /-</u></b>	
		2015301953	2020294319		<b><u>H04W 24 /-</u></b>
2016324578	2018388451			2019216666	
		<b><u>G07F 17 /-</u></b>	<b><u>H01M 4 /-</u></b>		2017338030
<b><u>G02F 1 /-</u></b>	<b><u>G06F 9 /-</u></b>			<b><u>H04B 7 /-</u></b>	
		2018329316	2020294319		<b><u>H04W 36 /-</u></b>
2016368571	2019204750			2018412818	
2018329316	2019332682			2018413427	

Applications Accepted - IPC Index cont'd

2017338030

**H04W 4 /-**

2017363368  
2018284889  
2018359395  
2019200807  
2019250182  
2020200053

**H04W 60 /-**

2018257151

**H04W 72 /-**

2018208953  
2018284887  
2018315105  
2018364268  
2019284020  
2020200053

**H04W 76 /-**

2018317224

**H04W 8 /-**

2018315349  
2019200807

**H04W 88 /-**

2018257151

**H05F 3 /-**

2018260325

**H05K 5 /-**

2020202837

**H05K 7 /-**

2018236284

**H05K 9 /-**

2015372432

**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

---

(71) Kilmallock (ACT) Pty Ltd  
 (11) AU-B-2019100463  
 (21) 2019100463 (22) 30.04.2019  
 (54) Blind-Type Curtain  
 (51) Int. Cl.  
     *A47H 23/02* ( 2006.01 )  
     *A47H 13/00* ( 2006.01 )  
     *A47H 15/00* ( 2006.01 )  
     *E06B 9/36* ( 2006.01 )  
 (45) 25.03.2021  
 (62) 2015101931  
 (72) Kim, Sung Chul  
 (74) MEYER WEST IP PTY LTD

---

(71) Ningbo Kuer Kayak Co., Ltd.  
 (11) AU-B-2020101089  
 (21) 2020101089 (22) 23.06.2020  
 (54) Pedal System for Boat Use and Pedal Boat  
 (51) Int. Cl.  
     *B63H 16/20* ( 2006.01 )  
     *B63B 34/00* ( 2020.01 )  
     *B63H 20/06* ( 2006.01 )  
 (45) 25.03.2021  
 (72) HUANG, Shengli; LUO, Saijun; WANG, Jinjin  
 (74) A.P.T. Patent and Trade Mark Attorneys

---

(71) OZGREEN ENERGY PTY LTD  
 (11) AU-B-2020103775  
 (21) 2020103775 (22) 13.11.2020  
 (54) SYSTEM FOR MONITORING WATER QUALITY  
 (51) Int. Cl.  
     *G01N 33/08* ( 2006.01 )  
     *E03B 7/07* ( 2006.01 )  
     *G01N 1/20* ( 2006.01 )  
 (45) 25.03.2021  
 (62) PCT/AU2020/050073  
 (72) MCKELVEY, Len  
 (74) Michael Buck IP

---

(71) Patriot Campers Holdings Pty Ltd  
 (11) AU-B-2020101516  
 (21) 2020101516 (22) 27.07.2020  
 (54) Drop Down Kitchen  
 (51) Int. Cl.  
     *B60P 3/34* ( 2006.01 )  
     *A47B 77/06* ( 2006.01 )  
     *A47B 77/08* ( 2006.01 )  
     *A47B 77/10* ( 2006.01 )  
     *A47L 17/02* ( 2006.01 )  
     *B60P 3/36* ( 2006.01 )  
     *B60R 15/00* ( 2006.01 )  
 (45) 25.03.2021  
 (62) 2017101863  
 (72) Beet, Jack  
 (74) Spruson & Ferguson

---

(71) Rhino Rack Australia Pty Limited  
 (11) AU-B-2020101375  
 (21) 2020101375 (22) 15.07.2020  
 (54) Roof Rack with Internal Channel  
 (51) Int. Cl.  
     *B60R 9/04* ( 2006.01 )  
     *B60R 9/048* ( 2006.01 )  
     *B60R 16/02* ( 2006.01 )  
 (45) 25.03.2021  
 (62) 2019101247  
 (72) Connellan, Adam; Asquith, Warren  
 (74) IP SOLVED (ANZ) PTY. LTD.

---

(71) Top Intellectual Property Pty Ltd  
 (11) AU-B-2020101209  
 (21) 2020101209 (22) 30.06.2020  
 (54) Gutter Installation and Gutter Mesh Fastener  
 (51) Int. Cl.  
     *E04D 13/064* ( 2006.01 )  
     *E04D 13/076* ( 2006.01 )  
 (31) 2020901911 (32) 10.06.20 (33) AU  
 (45) 25.03.2021  
 (72) Jelacic, Richard  
 (74) MEYER WEST IP PTY LTD

**Numerical Index**

**2019100463** Kilmallock (ACT) Pty Ltd  
**2020101089** Ningbo Kuer Kayak Co., Ltd.  
**2020101209** Top Intellectual Property Pty Ltd  
**2020101375** Rhino Rack Australia Pty Limited  
**2020101516** Patriot Campers Holdings Pty Ltd  
**2020103775** OZGREEN ENERGY PTY LTD



IPC Index

**A47B 77 /-**

2020101516

**A47H 13 /-**

2019100463

**A47H 15 /-**

2019100463

**A47H 23 /-**

2019100463

**A47L 17 /-**

2020101516

**B60P 3 /-**

2020101516

**B60R 15 /-**

2020101516

**B60R 16 /-**

2020101375

**B60R 9 /-**

2020101375

**B63B 34 /-**

2020101089

**B63H 16 /-**

2020101089

**B63H 20 /-**

2020101089

**E03B 7 /-**

2020103775

**E04D 13 /-**

2020101209

**E06B 9 /-**

2019100463

**G01N 1 /-**

2020103775

**G01N 33 /-**

2020103775

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Dismissed**

2015202929 **Elanco New Zealand** ( Norbrook Laboratories Limited )

**Patents Granted**

**Standard Patents**

2014253559	2014256345	2014308980	2014333513
2014333884	2014348289	2014369774	2014372562
2014390262	2015203739	2015234334	2015237184
2015240433	2015241380	2015248990	2015250132
2015253814	2015256478	2015259411	2015264781
2015271709	2015274367	2015288956	2015290285
2015302930	2015303038	2015311691	2015314311
2015326540	2015331338	2015332935	2015333832
2015335017	2015336925	2015341098	2015341479
2015341881	2015348333	2015350148	2015353715
2015354392	2015360845	2015361575	2015362091
2015364335	2015369316	2015373364	2015375277
2015378597	2015390034	2015390078	2015402211
2015402709	2016200473	2016201264	2016202377
2016203000	2016204052	2016204461	2016205290
2016206230	2016212243	2016213091	2016215586
2016216986	2016219379	2016222274	2016226303
2016228189	2016231061	2016236189	2016236441
2016236738	2016239664	2016243746	2016244293
2016244755	2016244961	2016245320	2016246067
2016246745	2016247598	2016253670	2016255237
2016256204	2016256894	2016256954	2016257903
2016261108	2016265048	2016268512	2016268517
2016269841	2016270428	2016270949	2016271130
2016271374	2016277798	2016278082	2016278165
2016279891	2016279908	2016283082	2016285430
2016285546	2016285715	2016286227	2016287487
2016287606	2016288620	2016288642	2016288697
2016288699	2016289753	2016289856	2016291103
2016294485	2016295544	2016296318	2016297731
2016302116	2016302398	2016306316	2016312404
2016313773	2016315862	2016322711	2016323782
2016335177	2016337176	2016338236	2016344123
2016345783	2016349415	2016349521	2016352848
2016354549	2016357206	2016359486	2016365720
2016367297	2016370743	2016374574	2016378275
2016378278	2016378935	2016381072	2016381313
2016382784	2016390529	2016424054	2016426847
2017201937	2017204942	2017216895	2017228213
2017228805	2017230349	2017230437	2017233887
2017244829	2017245592	2017247108	2017249085
2017249668	2017255561	2017257380	2017271458
2017279865	2017280488	2017281003	2017287827
2017293178	2017295887	2017298256	2017299238
2017307033	2017310867	2017317024	2017323112
2017325796	2017327416	2017327999	2017330673
2017333190	2017341676	2017351900	2017352106
2017352361	2017352948	2017353625	2017355535
2017357916	2017360407	2017362647	2017378188
2017385896	2017387185	2017392578	2017398148
2017398862	2017406690	2017409263	2017411198
2017413868	2017414388	2017422723	2017423525
2017425028	2017428896	2017441153	2018202014
2018202326	2018202963	2018204793	2018206762
2018209989	2018214065	2018218543	2018220880
2018227384	2018229529	2018230805	2018231042
2018232904	2018232915	2018238165	2018239346
2018241197	2018245788	2018247295	2018247298
2018247311	2018256508	2018260912	2018261506
2018264151	2018267609	2018270228	2018271253

**Patents Granted**

**Standard Patents**

2018271425	2018271737	2018272085	2018274861
2018274885	2018277650	2018278288	2018278948
2018281250	2018282310	2018284450	2018285446
2018285617	2018285868	2018285940	2018286390
2018290343	2018296739	2018296992	2018297600
2018299524	2018300673	2018302343	2018309956
2018310280	2018325613	2018325845	2018328776
2018329478	2018331263	2018336413	2018338249
2018339943	2018342250	2018360785	2018361364
2018369242	2018372440	2018373427	2018377848
2018386755	2018390409	2018391958	2018393359
2018396724	2018396743	2018409096	2018421446
2019200045	2019200275	2019200474	2019200838
2019201212	2019201229	2019201297	2019201469
2019201488	2019201668	2019201708	2019201736
2019201742	2019202083	2019202174	2019202283
2019202377	2019202378	2019202526	2019202851
2019202882	2019202950	2019203264	2019203279
2019204166	2019204183	2019204265	2019204310
2019204410	2019204725	2019204880	2019208143
2019210638	2019213435	2019213449	2019216684
2019217002	2019219753	2019219825	2019223951
2019226136	2019236625	2019240583	2019240618
2019246661	2019246804	2019250120	2019250142
2019261768	2019275554	2019275668	2019308140
2019326258	2020200155	2020200644	2020200647
2020202107	2020202572	2020202633	2020202877
2020205323	2020233677	2020260462	

**Innovation Patents**

2017101898	2017101899	2019101781	2019101782
2020103766	2020103771	2020103825	2020103910
2020103911	2020104017	2020104076	2020104189
2020104353	2020104354	2020104355	2021100007
2021100023	2021100026	2021100027	2021100028
2021100029	2021100030	2021100031	2021100032
2021100033	2021100037	2021100041	2021100044
2021100045	2021100046	2021100048	2021100050
2021100051	2021100052	2021100053	2021100055
2021100056	2021100057	2021100058	2021100059
2021100061	2021100062	2021100063	2021100065
2021100067	2021100068	2021100069	2021100070
2021100071			

**Assignments Registered**

2001251402	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2001251403	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2001255517	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2001255774	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2005291812	Emcools-Emergency Medical Cooling Systems AG	The patent has been assigned to <b>Global Healthcare SG Pte. Ltd.</b>
2006200559	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2006200560	VECTORsgI, INC.	The patent has been assigned to <b>Fidelity Information Services, LLC</b>
2006334425	Ball-IT Oy	The patent has been assigned to <b>Uniraja OU</b>

**Assignments Registered**

- 2007203510 VECTORsgj, INC. The patent has been assigned to **Fidelity Information Services, LLC**
- 2007216707 VECTORsgj, INC. The patent has been assigned to **Fidelity Information Services, LLC**
- 2009274701 Korea Research Institute of Chemical Technology; Korea Shipbuilding & Offshore Engineering Co., Ltd. The patent has been assigned to **Korea Shipbuilding & Offshore Engineering Co., Ltd.; Korea Research Institute of Chemical Technology; Hyundai Heavy Industries Co., Ltd.**
- 2009277275 Korea Research Institute of Chemical Technology; Korea Shipbuilding & Offshore Engineering Co., Ltd. The patent has been assigned to **Korea Shipbuilding & Offshore Engineering Co., Ltd.; Korea Research Institute of Chemical Technology; Hyundai Heavy Industries Co., Ltd.**
- 2009325375 Korea Shipbuilding & Offshore Engineering Co., Ltd.; Korea Research Institute of Chemical Technology The patent has been assigned to **Korea Research Institute of Chemical Technology; Hyundai Heavy Industries Co., Ltd.; Korea Shipbuilding & Offshore Engineering Co., Ltd.**
- 2009337187 TIMTECHCHEM INTERNATIONAL LIMITED The patent has been assigned to **Azelis New Zealand Limited**
- 2012245243 Ionis Pharmaceuticals, Inc. The patent has been assigned to **Glaxo Group Limited**
- 2013247205 Lifetech Scientific (Shenzhen) Co., Ltd. The patent has been assigned to **BIOTYX MEDICAL (SHENZHEN) CO., LTD**
- 2013389838 China International Marine Containers (Group) Ltd.; CIMC Enric Investment Holdings (Shenzhen) Co., Ltd.; CIMC Safeway Technologies Co., Ltd. The patent has been assigned to **CIMC Safeway Technologies Co., Ltd.**
- 2014259757 Ionis Pharmaceuticals, Inc. The patent has been assigned to **Glaxo Group Limited**
- 2014397223 CIMC Safeway Technologies Co., Ltd.; China International Marine Containers (Group) Ltd.; CIMC Enric Investment Holdings (Shenzhen) Co., Ltd. The patent has been assigned to **CIMC Safeway Technologies Co., Ltd.**
- 2015211182 Kitefarms LLC The patent has been assigned to **AIR-LOOM ENERGY, INC.**
- 2015239532 University of Ulster The patent has been assigned to **MSM Milling Pty Limited**
- 2015259293 Integra Lifesciences Corporation The patent has been assigned to **Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte.**
- 2016100508 Taylex Industries Pty Ltd The patent has been assigned to **Taylex Group Holding Co Pty Ltd**
- 2016200177 Stryker European Holdings I, LLC The patent has been assigned to **Stryker European Holdings III, LLC**
- 2016266101 Pixobot, Inc. The patent has been assigned to **Intervet International BV**
- 2016336005 Avon Rubber p.l.c. The patent has been assigned to **Avon Protection Ceradyne LLC**
- 2017201608 Ionis Pharmaceuticals, Inc. The patent has been assigned to **Glaxo Group Limited**
- 2017216532 Stryker European Holdings I, LLC The patent has been assigned to **Stryker European Holdings III, LLC**

**Assignments Registered**

- 2017228562 Wheeler, Andrew; Wolley, Todd The patent has been assigned to **Wheeler, Andrew**
- 2017353895 Quick Fitting, Inc. The patent has been assigned to **Quick Fitting Holding Company, LLC**
- 2018280016 CDEnviro Limited The patent has been assigned to **CDE Global Limited**
- 2019101264 Wheeler, Andrew; Wolley, Todd The patent has been assigned to **Wheeler, Andrew**
- 2019200302 Wolley, Todd; Wheeler, Andrew The patent has been assigned to **Wheeler, Andrew**

**Discharge of a Licence**

- 2002334413 Discharge of a Licence was made in the Register on 16.03.2021 .

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2018274883 **Novartis AG; Astex Therapeutics Ltd**

The earliest first regulatory approval date provided by the patentee 17 Dec 2020

For the goods KISQALI ribociclib

**Corrigenda**

In Vol 32 , No 18 , Page(s) 2656 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bonumose Biochem LLC, Application No. 2016329090, under INID (71) correct the applicant name to Bonumose LLC

In Vol 35 , No 10 , Page(s) 1550 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Compagnie Pour Le Haut Commerce, Application No. 2019314696, under INID (71) correct the applicant name to Compagnie Vranken

In Vol 35 , No 10 , Page(s) 1625 under the heading **Applications Accepted - Name Index** Delete all reference to 2017231097.

In Vol 35 , No 6 , Page(s) 903 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Alteogen, Inc., Application No. 2019311658, under INID (71) correct the applicant name to Alteogen, Inc

In Vol 35 , No 7 , Page(s) 1032 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Inhibrx, Inc., Application No. 2019321490, Under INID (72) add co-inventor WILLIS, Katelyn

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

- 2016211632 **BioSpyder Technologies, Inc.**  
 2017207510 **Huwais IP Holding LLC**  
 2017284519 **Beijing Dabeinong Biotechnology Co., Ltd.**  
 2017287536 **Kyowa Kirin Co., Ltd.**

**Specifications Republished**

2018446132 YMEK Co., Ltd.