



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	1749
Amendments Made .....	1750
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	1752
Amendments Made Under Section 105 .....	1752

#### Applications Accepted

Name Index .....	1808
Numerical Index .....	1831
IPC Index .....	1833

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	1746
---	------

#### Applications Open to Public Inspection

Name Index .....	1753
Numerical Index .....	1766
IPC Index .....	1768

Assignments before Grant, Section 113 .....	1747
---	------

Assignments Registered .....	1840
------------------------------	------

#### Certified Innovation Patents

Name Index .....	1837
Numerical Index .....	1838
IPC Index .....	1839

#### Complete Applications Filed

Name Index .....	1733
Numerical Index .....	1740

Complete Specifications Treated as Provisional Specifications, Section 37 .....	1747
--	------

<b>Corrigenda .....</b>	<b>1842</b>
<b>Extensions of Term of Standard Patents .....</b>	<b>1842</b>
<b>Extensions of Time, Section 223 .....</b>	<b>1749</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	1742
Numerical Index .....	1745
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	1771
Numerical Index .....	1776
IPC Index .....	1777
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	1778
Numerical Index .....	1801
IPC Index .....	1804
<b>Patents Granted .....</b>	<b>1840</b>
<b>Opposition Proceedings .....</b>	<b>1840</b>
<b>Provisional Applications Filed</b>	
Name Index .....	1728
Numerical Index .....	1732
<b>Revocation .....</b>	<b>1840</b>
<b>Specifications Republished .....</b>	<b>1842</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.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*CQMS Pty Ltd v ESCO Group LLC* [2020] APO 14

Patent Application: 2016253640

Title: Wear assembly

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Xavier Gisz

Decision Date: 16 March 2020

Hearing Date: 29 October 2019, in Canberra

Catchwords: **PATENTS** - section 59 opposition to grant of a patent – grounds of novelty, inventive step, sufficient disclosure, clarity, support, manner of manufacture, and utility – ground of support considered under s 60(3) – claims 1-6 and 8 lack support – opposition to other grounds unsuccessful – no award of costs

Representation: Counsel for the applicant: Tom Cordiner  
Patent attorney for the applicant: Wayne McMaster and Rebecca Dutkowski of MinterEllison  
Counsel for the opponent: Chris Burgess  
Patent attorney for the opponent: Fraser Smith of Spruson & Ferguson

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 10 Mar 2020 .

<b>Aitchison, G.E. see Stephen, C.</b> (21) 2020900695	(71) Carmichael, B. (21) 2020900777 (22) 13.03.2020 (54) A Sandal	(71) Dasuki, A. (21) 2020900697 (22) 06.03.2020 (54) ROBOTIC ORIGAMI PROPULSION SYSTEM
(71) Alertness CRC Ltd (21) 2020900757 (22) 12.03.2020 (54) Lighting Device and System with Blue Light Regulation	(71) City Wide Oil Collection Services Pty Ltd (21) 2020900758 (22) 12.03.2020 (54) Treatment Process for recovery of fine coals from coal mining waste and coal mine tailings.	(71) Davey, M. (21) 2020900747 (22) 12.03.2020 (54) A portable power supply unit
(71) Allegiant Solutions Pty Ltd (21) 2020900706 (22) 06.03.2020 (54) Rotatable wellhead and centraliser	(71) Coma, A. (21) 2020900759 (22) 13.03.2020 (54) Anti Virus detection filter	(71) Deltapay Pty Ltd (21) 2020900735 (22) 10.03.2020 (54) Method and apparatus for immediate credit
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2020900721 (22) 09.03.2020 (54) Controlled Release Fertilisers	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020900729 (22) 10.03.2020 (54) MODULAR WHEEL ARRANGEMENT	<b>Dimmock, M. see Stephen, C.</b> (21) 2020900695
<b>Australian National University see University of Oxford</b> (21) 2020900696	(71) Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd (21) 2020900780 (22) 13.03.2020 (54) Production of short chain fatty acids	(71) Drysdale, K. (21) 2020900761 (22) 13.03.2020 (54) Ground Heat Power Generator
(71) Avanti Materials Ltd (21) 2020900699 (22) 06.03.2020 (54) Recovery of Vanadium from Alkaline Slag Materials	(71) Coolz Pty Ltd (21) 2020900731 (22) 10.03.2020 (54) A device and method for cooling medication	(71) durack, m. (21) 2020900765 (22) 13.03.2020 (54) CLOSE FITTING LIGHT WEIGHT RESPIRATOR MASK WITH IMPROVED FILTER
(71) B&D Australia Pty Ltd (21) 2020900793 (22) 16.03.2020 (54) Clip and guide for a rolling overhead door	<b>Crouch, P. see M.a.B Engineering Services Pty Ltd</b> (21) 2020900728	(71) Ecoganic Pty Ltd (21) 2020900770 (22) 13.03.2020 (54) A Method for Environmental Land Management
(71) Bayly and Associates Pty Ltd (21) 2020900769 (22) 13.03.2020 (54) Method of constructing and locating building structures	(71) Cullis-Hill, S. (21) 2020900751 (22) 12.03.2020 (54) The present invention relates to novel methods for treating or preventing coronavirus infection and cytokine-associated toxicity, including cytokine toxicity resulting from aberrant activation of the immune system in coronavirus disease or infection, such as those from COVID-19 (SARS-CoV-2	(71) Egge, P. (21) 2020900722 (22) 09.03.2020 (54) Counter Surveillance Scanning Device and System
(71) Bookleaf Pty Ltd (21) 2020900767 (22) 13.03.2020 (54) Duct Fitting Adaptor		(71) Elphick, K. (21) 2020900786 (22) 15.03.2020 (54) Improvements to the hygiene of objects

Provisional Applications Filed - Name Index cont'd

(71) Elphick, K.  
(21) 2020900787 (22) 15.03.2020  
(54) Improvements to the remote sanitising of objects

(71) Erickson, B.  
(21) 2020900785 (22) 15.03.2020  
(54) Robot arm end effector for fabrication of doubly-curved objects

(71) farrell, c.  
(21) 2020900781 (22) 13.03.2020  
(54) Mudgutz

(71) Fraser, M.  
(21) 2020900732 (22) 10.03.2020  
(54) Online rental condition review

(71) Fraser, M.  
(21) 2020900775 (22) 13.03.2020  
(54) A portable shelter

(71) Gardner, A.  
(21) 2020900711 (22) 08.03.2020  
(54) Household waste and recycling system.

(71) Gardner, A.  
(21) 2020900712 (22) 08.03.2020  
(54) Household waste and recycling system.

(71) Gardner, A.  
(21) 2020900714 (22) 08.03.2020  
(54) Household waste and recycling system.

(71) Gardner, A.  
(21) 2020900715 (22) 08.03.2020  
(54) Household waste and recycling system.

(71) Goldfields Collections Pty Ltd  
(21) 2020900791 (22) 16.03.2020  
(54) Barrier for plant embryo

Groves, J. see M.a.B Engineering Services Pty Ltd  
(21) 2020900728

(71) Gulikov, P.  
(21) 2020900740 (22) 11.03.2020  
(54) Computer System and Method Relating to Adult Entertainment

(71) Habitech Pty Ltd  
(21) 2020900783 (22) 14.03.2020  
(54) NESTING BOX

Heinrich Heine University Dusseldorf see University of Oxford  
(21) 2020900696

(71) HitIQ Limited  
(21) 2020900733 (22) 10.03.2020  
(54) TECHNOLOGY ADAPTED TO FACILITATE USER-SPECIFIC CALIBRATION OF INSTRUMENTED MOUTHGUARD DEVICES, INCLUDING CALIBRATION METHODS FOR INSTRUMENTED MOUTHGUARD DEVICES

(71) HitIQ Limited  
(21) 2020900734 (22) 10.03.2020  
(54) TECHNOLOGY ADAPTED FOR IMPROVED ASSESSMENT OF BRAIN INJURIES IN A HUMAN SUBJECT

(71) Hydroforce Worldwide Pty Ltd  
(21) 2020900693 (22) 06.03.2020  
(54) Paving Device

(71) IBCO PTY. LTD.  
(21) 2020900771 (22) 13.03.2020  
(54) A CONTROLLED BENDING DEVICE AND PIPE JUNCTION SEALING PACKER INCORPORATING SAME

(71) IBCO PTY. LTD.  
(21) 2020900773 (22) 13.03.2020  
(54) INFLATABLE SLEEVE AND METHOD OF MANUFACTURING SAME

(71) IPO Pty Ltd  
(21) 2020900756 (22) 12.03.2020  
(54) Contact barrier device

(71) Isaacs, G.  
(21) 2020900754 (22) 12.03.2020  
(54) System and Method for Managing Online Resources

(71) Jafarzadeh, M.T.  
(21) 2020900788 (22) 16.03.2020  
(54) A nasal filtration device

(71) JELLHAM PTY. LTD.  
(21) 2020900705 (22) 06.03.2020  
(54) Non dangerous goods explosive gel premix.

(71) Kahale, T.  
(21) 2020900748 (22) 12.03.2020  
(54) A top loader laundry stand

(71) Kahale, T.  
(21) 2020900749 (22) 12.03.2020  
(54) A front loader laundry stand

(71) Langford, T.  
(21) 2020900750 (22) 12.03.2020  
(54) A 3D display system

(71) larkin, b.  
(21) 2020900763 (22) 13.03.2020  
(54) Virus mask

Leibniz Institute for Plant Biochemistry see University of Oxford  
(21) 2020900696

(71) Lotus Folding Walls & Doors Pty Ltd  
(21) 2020900760 (22) 13.03.2020  
(54) Damper Assembly for Sliding Building Elements

(71) M.a.B Engineering Services Pty Ltd; Groves, J.; Crouch, P.  
(21) 2020900728 (22) 10.03.2020  
(54) Medical Gas Supply Hose Reel Assembly

(71) MacGillivray, D.  
(21) 2020900739 (22) 11.03.2020  
(54) Training Aid

May, N. see May, G.  
(21) 2020900779

(71) May, G.; May, N.  
(21) 2020900779 (22) 13.03.2020  
(54) A Holder Assembly

(71) McKinlay, D.  
(21) 2020900726 (22) 09.03.2020  
(54) Electromagnetic Reactor

Melbourne Health see Monash University  
(21) 2020900778

(71) Mesoblast International Sarl  
(21) 2020900742 (22) 11.03.2020  
(54) Method for treating inflammatory bowel disease I

(71) Mesoblast International Sarl  
(21) 2020900743 (22) 11.03.2020  
(54) Method for treating inflammatory bowel disease II

(71) METAVONE LIMITED  
(21) 2020900694 (22) 06.03.2020  
(54) An oral preventative for colon cancer

(71) Monash University; Melbourne Health  
(21) 2020900778 (22) 13.03.2020  
(54) Viral Inhibition

Provisional Applications Filed - Name Index cont'd

(71) Monash University  
(21) 2020900792 (22) 16.03.2020  
(54) METHOD OF PRODUCING NANOWIRES

(71) Moroz Technologies Pty Ltd  
(21) 2020900741 (22) 11.03.2020  
(54) MICROPARTICLES

(71) N.A. & E.P. COON NOMINEES PTY LTD  
(21) 2020900718 (22) 09.03.2020  
(54) Removable Self Adhesive Label or Sign and Methods

(71) NetComm Wireless Pty Ltd  
(21) 2020900704 (22) 06.03.2020  
(54) ANTENNA MODEM WITH IMPROVED THERMAL LOAD MANAGEMENT

(71) NEWDS Safer Pty Ltd  
(21) 2020900755 (22) 12.03.2020  
(54) DIAGNOSIS OF MEDICAL CONDITIONS ASSOCIATED WITH FOOD SENSITIVITY

(71) NewSouth Innovations Pty Limited  
(21) 2020900782 (22) 14.03.2020  
(54) Treatment Methods

(71) NOA The Brand Pty Ltd  
(21) 2020900762 (22) 13.03.2020  
(54) Wireless charger and method of charging an electronic device

**Nourish Ingredients Pty Ltd see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2020900780

(71) Nylec Pty Ltd  
(21) 2020900776 (22) 13.03.2020  
(54) ELECTRICAL SIDE MODULE

(71) Orijin Plus Pty Ltd  
(21) 2020900746 (22) 11.03.2020  
(54) A System and Method for Visual Verification of a Product

(71) OZI INNOVATIONS PTY LTD  
(21) 2020900708 (22) 07.03.2020  
(54) Interchangeable jaw adjustable multi grips.

**Pact Renewables Pty Ltd see Arakel, A.**  
(21) 2020900721

(71) Papoutsis, P.  
(21) 2020900753 (22) 12.03.2020  
(54) Food grade bucket with handle, hot chips compartment, dipping sauce holder, lid all in the one packaging.

(71) Parkins, D.  
(21) 2020900790 (22) 16.03.2020  
(54) MOTORIZED WHEELBARROW

(71) Pretlove, H.  
(21) 2020900707 (22) 06.03.2020  
(54) Dual Option Towing Hitch

(71) Project Initiation & Facilitation Pty Ltd  
(21) 2020900784 (22) 15.03.2020  
(54) A shell consisting of four vertical panels made from Magnesium Oxide board in contrast to steel sheeting, having: • four internal faces, which when assembled and appropriately restrained, define a moulding cavity open towards an upper and a lower end and thereby provide permanent formwork for rectangular (including square) concrete columns, and • four external faces, which when suitably jointed, stopped and sanded are capable of becoming the basis of a standard of surface finish that complies with even the highest quality specifications.

(71) Rio Tinto Alcan International Ltd.  
(21) 2020900768 (22) 13.03.2020  
(54) MATERIAL TREATMENT APPARATUS AND PROCESS

(71) Royal Melbourne Institute of Technology  
(21) 2020900701 (22) 06.03.2020  
(54) METAL ORGANIC FRAMEWORKS

(71) Sensen Networks Group Pty Ltd  
(21) 2020900736 (22) 10.03.2020  
(54) Systems and Methods for image-base location estimation

(71) Sergi, P.  
(21) 2020900727 (22) 09.03.2020  
(54) MOUTHPIECE FOR PAP THERAPY

(71) Silver, B.  
(21) 2020900720 (22) 09.03.2020  
(54) A DISPENSING UNIT

(71) Smart Glass Systems Pty Ltd  
(21) 2020900702 (22) 06.03.2020  
(54) A MOUNTING ASSEMBLY FOR GLASS BALUSTRADE

(71) Sniip Ltd  
(21) 2020900752 (22) 12.03.2020  
(54) A METHOD AND SYSTEM FOR MAKING A SECURE PAYMENT

(71) Spark, I.  
(21) 2020900716 (22) 08.03.2020  
(54) System for stabilising reversing trailer

(71) Stephen, C.; Dimmock, M.; Aitchison, G.E.  
(21) 2020900695 (22) 06.03.2020  
(54) An emergency response system and method

(71) Surbevski, M.  
(21) 2020900725 (22) 09.03.2020  
(54) My Receipt Station

(71) The Australian National University  
(21) 2020900703 (22) 06.03.2020  
(54) Synthesis of polymers from Levoglucosone

(71) The University of Melbourne  
(21) 2020900744 (22) 11.03.2020  
(54) Multiplex peristaltic pump

(71) The University of Sydney  
(21) 2020900774 (22) 13.03.2020  
(54) A composite coating for increasing atmospheric condensation on a surface of a substrate

(71) Third Equation Ltd  
(21) 2020900738 (22) 11.03.2020  
(54) Electric power converter for a photovoltaic energy source

(71) Thomson, S.  
(21) 2020900713 (22) 08.03.2020  
(54) Geological Sensing System for Longwall Automation and Other Mining Applications

(71) Tosenovsky, Patrik  
(21) 2020900745 (22) 11.03.2020  
(54) JUNCTIONAL STENT SYSTEM

(71) Trent Bridge (VIC) Engineering Pty Ltd  
(21) 2020900723 (22) 09.03.2020  
(54) WELLHEAD ASSEMBLY

(71) TStreet Pty Limited  
(21) 2020900772 (22) 13.03.2020  
(54) Language communication method and system

**University of Cambridge see University of Oxford**  
(21) 2020900696

(71) University of Oxford; University of Cambridge; Australian National University;

Provisional Applications Filed - Name Index cont'd

Heinrich Heine University Dusseldorf;  
Leibniz Institute for Plant Biochemistry  
(21) 2020900696 (22) 06.03.2020  
(54) Method for expressing genes in bundle sheath cells

---

(71) University of South Australia  
(21) 2020900764 (22) 13.03.2020  
(54) AN IMAGE PROCESSING METHOD

---

(71) Vapar Pty Ltd  
(21) 2020900724 (22) 09.03.2020  
(54) TECHNOLOGY CONFIGURED TO ENABLE FAULT DETECTION AND CONDITION ASSESSMENT OF UNDERGROUND STORMWATER AND SEWER PIPES

---

(71) Vasutech Pty Ltd  
(21) 2020900730 (22) 10.03.2020  
(54) CARDIOVASCULAR HEALTH MANAGEMENT SYSTEM

---

(71) VEEM Ltd  
(21) 2020900700 (22) 06.03.2020  
(54) GYROSTABILISER ASSEMBLY

---

(71) Voelk, V.  
(21) 2020900709 (22) 08.03.2020  
(54) Lighting design software for automatic identification of optimal luminaire quantities and arrangements through iterative calculation of light levels.

---

(71) Warchalowski, A.  
(21) 2020900698 (22) 06.03.2020  
(54) A method that includes nutritional compositions and dietary techniques to improve gut microbial diversity and assist the physiological processes involved in weight management.

---

(71) WEIR MINERALS AUSTRALIA LTD  
(21) 2020900719 (22) 09.03.2020  
(54) MACRO-CRYSTALLINE METAL MATRIX COMPOSITE

---

(71) WILSON, E.  
(21) 2020900663 (22) 28.02.2020  
(54) NATURAL BUSINESS PROCESS LANGUAGE SYSTEM AND METHOD

---

(71) WIREMAN PTY LIMITED  
(21) 2020900717 (22) 09.03.2020  
(54) Ameliorating Erosion

---

(71) Woolven, B.  
(21) 2020900737 (22) 11.03.2020  
(54) Method for Improving Eating Behaviour

---

(71) YEOMANS, A.  
(21) 2020900789 (22) 16.03.2020  
(54) HEAT ENERGY STORAGE METHOD AND APPARATUS FOR USE WITH SOLAR ENERGY COLLECTING APPARATUS

---

(71) Zhang, S.  
(21) 2020900710 (22) 08.03.2020  
(54) IMPROVED MAGNETIC DRUM SEPARATOR

Numerical Index

<b>2020900663</b>	WILSON, E.	<b>2020900757</b>	Alertness CRC Ltd
<b>2020900693</b>	Hydroforce Worldwide Pty Ltd	<b>2020900758</b>	City Wide Oil Collection Services Pty Ltd
<b>2020900694</b>	METAVONE LIMITED	<b>2020900759</b>	Coma, A.
<b>2020900695</b>	Stephen, C.; Dimmock, M.; Aitchison, G.E.	<b>2020900760</b>	Lotus Folding Walls & Doors Pty Ltd
<b>2020900696</b>	University of Oxford; University of Cambridge; Australian National University; Heinrich Heine University Dusseldorf; Leibniz Institute for Plant Biochemistry	<b>2020900761</b>	Drysdale, K.
<b>2020900697</b>	Dasuki, A.	<b>2020900762</b>	NOA The Brand Pty Ltd
<b>2020900698</b>	Warchalowski, A.	<b>2020900763</b>	larkin, b.
<b>2020900699</b>	Avanti Materials Ltd	<b>2020900764</b>	University of South Australia
<b>2020900700</b>	VEEM Ltd	<b>2020900765</b>	durack, m.
<b>2020900701</b>	Royal Melbourne Institute of Technology	<b>2020900767</b>	Bookleaf Pty Ltd
<b>2020900702</b>	Smart Glass Systems Pty Ltd	<b>2020900768</b>	Rio Tinto Alcan International Ltd.
<b>2020900703</b>	The Australian National University	<b>2020900769</b>	Bayly and Associates Pty Ltd
<b>2020900704</b>	NetComm Wireless Pty Ltd	<b>2020900770</b>	Ecoganic Pty Ltd
<b>2020900705</b>	JELHAM PTY. LTD.	<b>2020900771</b>	IBCO PTY. LTD.
<b>2020900706</b>	Allegiant Solutions Pty Ltd	<b>2020900772</b>	TStreet Pty Limited
<b>2020900707</b>	Pretlove, H.	<b>2020900773</b>	IBCO PTY. LTD.
<b>2020900708</b>	OZI INNOVATIONS PTY LTD	<b>2020900774</b>	The University of Sydney
<b>2020900709</b>	Voelk, V.	<b>2020900775</b>	Fraser, M.
<b>2020900710</b>	Zhang, S.	<b>2020900776</b>	Nylec Pty Ltd
<b>2020900711</b>	Gardner, A.	<b>2020900777</b>	Carmichael, B.
<b>2020900712</b>	Gardner, A.	<b>2020900778</b>	Monash University; Melbourne Health
<b>2020900713</b>	Thomson, S.	<b>2020900779</b>	May, G.; May, N.
<b>2020900714</b>	Gardner, A.	<b>2020900780</b>	Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd
<b>2020900715</b>	Gardner, A.	<b>2020900781</b>	farrell, c.
<b>2020900716</b>	Spark, I.	<b>2020900782</b>	NewSouth Innovations Pty Limited
<b>2020900717</b>	WIREMAN PTY LIMITED	<b>2020900783</b>	Habitech Pty Ltd
<b>2020900718</b>	N.A. & E.P. COON NOMINEES PTY LTD	<b>2020900784</b>	Project Initiation & Facilitation Pty Ltd
<b>2020900719</b>	WEIR MINERALS AUSTRALIA LTD	<b>2020900785</b>	Erickson, B.
<b>2020900720</b>	Silver, B.	<b>2020900786</b>	Elphick, K.
<b>2020900721</b>	Arakel, A.; Pact Renewables Pty Ltd	<b>2020900787</b>	Elphick, K.
<b>2020900722</b>	Edge, P.	<b>2020900788</b>	Jafarzadeh, M.T.
<b>2020900723</b>	Trent Bridge (VIC) Engineering Pty Ltd	<b>2020900789</b>	YEOMANS, A.
<b>2020900724</b>	Vapar Pty Ltd	<b>2020900790</b>	Parkins, D.
<b>2020900725</b>	Surbevski, M.	<b>2020900791</b>	Goldfields Collections Pty Ltd
<b>2020900726</b>	McKinlay, D.	<b>2020900792</b>	Monash University
<b>2020900727</b>	Sergi, P.	<b>2020900793</b>	B&D Australia Pty Ltd
<b>2020900728</b>	M.a.B Engineering Services Pty Ltd; Groves, J.; Crouch, P.		
<b>2020900729</b>	Commonwealth Scientific and Industrial Research Organisation		
<b>2020900730</b>	Vascutech Pty Ltd		
<b>2020900731</b>	Coolz Pty Ltd		
<b>2020900732</b>	Fraser, M.		
<b>2020900733</b>	HitIQ Limited		
<b>2020900734</b>	HitIQ Limited		
<b>2020900735</b>	Deltapay Pty Ltd		
<b>2020900736</b>	Sensen Networks Group Pty Ltd		
<b>2020900737</b>	Woolven, B.		
<b>2020900738</b>	Third Equation Ltd		
<b>2020900739</b>	MacGillivray, D.		
<b>2020900740</b>	Gulikov, P.		
<b>2020900741</b>	Moroz Technologies Pty Ltd		
<b>2020900742</b>	Mesoblast International Sarl		
<b>2020900743</b>	Mesoblast International Sarl		
<b>2020900744</b>	The University of Melbourne		
<b>2020900745</b>	Tosenovsky, Patrik		
<b>2020900746</b>	Orijin Plus Pty Ltd		
<b>2020900747</b>	Davey, M.		
<b>2020900748</b>	Kahale, T.		
<b>2020900749</b>	Kahale, T.		
<b>2020900750</b>	Langford, T.		
<b>2020900751</b>	Cullis-Hill, S.		
<b>2020900752</b>	Sniip Ltd		
<b>2020900753</b>	Papoutsis, P.		
<b>2020900754</b>	Isaacs, G.		
<b>2020900755</b>	NEWDS Safer Pty Ltd		
<b>2020900756</b>	IPO Pty Ltd		



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 10 Mar 2020 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2020201829 (22) 12.03.2020 (54) Cleaning articles including scouring bodies that form printed instructions (62) 2017256171</p> <hr/> <p>(71) 4C Medical Technologies, Inc. (21) 2020201811 (22) 12.03.2020 (54) Systems, methods and devices for two-step delivery and implantation of prosthetic heart valve (62) 2018213168</p> <hr/> <p>(71) 4 Season Company Pty Ltd (21) 2020201907 (22) 16.03.2020 (54) Medicated molasses block (62) 2017202678, PCT/AU2018/050954</p> <hr/> <p>(71) A.T.E. Enterprises Private Limited (21) 2020201752 (22) 10.03.2020 (54) An improved system and method for indirect evaporative cooling (31) 201921009125 (32) 08.03.19 (33) IN</p> <hr/> <p>(71) A60N Group Pty Ltd (21) 2020201836 (22) 12.03.2020 (54) a shroud for use in the prevention of calcareous build up, marine growth and sedimentary deposits for systems in subsea environments which are protected by cathodic protection systems.</p> <hr/> <p>(71) Aaron Diamond AIDS Research Center (21) 2020201809 (22) 12.03.2020 (54) Improved HIV-1-neutralizing antibody potency and breadth via cell receptor anchoring using bispecific antibodies with native architecture (62) 2014360760</p> <hr/> <p>(71) Abramov, Y. (21) 2020201910 (22) 16.03.2020 (54) Constructive Interference Generator (62) 2018204546</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020201883 (22) 16.03.2020 (54) CALL CENTER SYSTEM HAVING REDUCED COMMUNICATION LATENCY (62) 2018233014</p> <hr/>	<p>(71) Acorn Engineering Company (21) 2020201902 (22) 16.03.2020 (54) Ligature resistant floor drain and grate (31) 62/819,300 (32) 15.03.19 (33) US</p> <hr/> <p>(71) Adama Makhteshim Limited (21) 2020201911 (22) 16.03.2020 (54) Pesticidal Mixtures (31) 2019900862 (32) 15.03.19 (33) AU</p> <hr/> <p>(71) Adolf Würth GmbH &amp; Co. KG (21) 2020201812 (22) 12.03.2020 (54) Friction Plate for a Timber Joint (31) 10 2019 106 602.6 (32) 15.03.19 (33) DE</p> <hr/> <p>(71) Allergan, Inc. (21) 2020201778 (22) 11.03.2020 (54) Prostaglandin-containing intraocular implants and methods of use thereof (62) 2014342017</p> <hr/> <p>(71) Altopa, Inc. (21) 2020201840 (22) 12.03.2020 (54) SECURE PORTABLE, ON-DEMAND, MICROFLUIDIC MIXING AND DISPENSING DEVICE (62) 2017249317</p> <hr/> <p><b>Amgen Inc. see Novo Nordisk A/S</b> (21) 2020201820</p> <hr/> <p>(71) Amtek Pty Limited (21) 2020201892 (22) 16.03.2020 (54) IMPROVED WALL CONSTRUCTION FOR PRISONER TRANSPORT (31) 2019900998 (32) 25.03.19 (33) AU</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020201800 (22) 12.03.2020 (54) CARD GAME MONITORING SYSTEM (62) 2018250457</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020201801 (22) 12.03.2020 (54) CARD GAME MONITORING SYSTEM (62) 2018250457</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020201879 (22) 14.03.2020 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTI-</p>	<p>TUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2019253876</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020201880 (22) 14.03.2020 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2019253876</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020201881 (22) 14.03.2020 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2019253876</p> <hr/> <p>(71) Anglo American Services (UK) Ltd (21) 2020201838 (22) 12.03.2020 (54) Beneficiation of values from ores with a heap leach process (62) 2018203387</p> <hr/> <p>(71) Anova Applied Electronics, Inc. (21) 2020201722 (22) 09.03.2020 (54) SOUS VIDE COOKER (31) 16/382,534 (32) 12.04.19 (33) US</p> <hr/> <p>(71) Apple Inc. (21) 2020201721 (22) 09.03.2020 (54) Image data for enhanced user interactions (62) 2017330208</p> <hr/> <p>(71) Apple Inc. (21) 2020201723 (22) 09.03.2020 (54) Configuring context-specific user interfaces (62) 2017277851</p> <hr/> <p>(71) Apple Inc. (21) 2020201849 (22) 13.03.2020 (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application (62) 2018271287</p>
--	---	--

Complete Applications Filed - Name Index cont'd

---

(71) Apple Inc.  
 (21) 2020201857 (22) 13.03.2020  
 (54) Portable Listening Device and Case  
 (62) 2019200365

---

(71) AqueSys, Inc.  
 (21) 2020201818 (22) 12.03.2020  
 (54) Ab externo intraocular shunt placement  
 (62) 2018267617

---

(71) Arbor Biotechnologies  
 (21) 2020201843 (22) 13.03.2020  
 (54) NOVEL CRISPR RNA TARGETING ENZYMES AND SYSTEMS AND USES THEREOF  
 (62) 2018291496

---

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2020201839 (22) 12.03.2020  
 (54) A GAMING SYSTEM AND METHOD OF GAMING  
 (62) 2018282494

---

(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2020201876 (22) 13.03.2020  
 (54) A GAMING SYSTEM AND METHOD OF GAMING  
 (62) 2018203080

---

(71) Artificial Lift Production International Corp. o/a AL PRO International Corp.  
 (21) 2020201855 (22) 13.03.2020  
 (54) PROGRESSIVE CAVITY PUMP AND METHODS FOR USING THE SAME  
 (31) 62/819,137 (32) 15.03.19 (33) US

---

(71) Arvinas, Inc.  
 (21) 2020201792 (22) 11.03.2020  
 (54) COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF ANDROGEN RECEPTOR  
 (62) 2017341723

---

(71) Arvinas Operations, Inc.  
 (21) 2020201793 (22) 11.03.2020  
 (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS  
 (62) 2017366693

---

(71) Astute Medical, Inc.  
 (21) 2020201732 (22) 10.03.2020  
 (54) Methods and compositions for diagnosis and prognosis of renal injury and renal failure  
 (62) 2014207509

---

(71) Aura Biosciences, Inc.; The United States of America, as Represented by the Secretary, Department of Health and Human Services  
 (21) 2020201799 (22) 11.03.2020  
 (54) Virus-Like Particle Conjugates For Diagnosis And Treatment Of Tumors  
 (62) 2014323424

---

(71) Bally Gaming, Inc.  
 (21) 2020201885 (22) 16.03.2020  
 (54) Mobile secondary betting user interface  
 (62) 2017276339

---

(71) BASF SE  
 (21) 2020201830 (22) 12.03.2020  
 (54) Pesticidal mixture comprising a pyrazole compound and an insecticide  
 (62) 2016218096

---

(71) Becton, Dickinson and Company  
 (21) 2020201767 (22) 11.03.2020  
 (54) Air stop membrane for maintaining a fluid column in an IV set  
 (62) 2016211687

---

(71) Becton, Dickinson and Company  
 (21) 2020201828 (22) 12.03.2020  
 (54) Safety IV catheter with V-clip interlock and needle tip capture  
 (62) 2015346659

---

(71) Beijing Didi Infinity Technology and Development Co., Ltd.  
 (21) 2020201825 (22) 12.03.2020  
 (54) Systems and methods for intelligent information management  
 (62) 2016423486

---

(71) BINDNER, M.; KOSSEN, E.  
 (21) 2020201860 (22) 13.03.2020  
 (54) A LOCKING ASSEMBLY FOR A CONTAINER  
 (31) 2019900824 (32) 13.03.19 (33) AU

---

(71) BioCarbon Engineering Ltd.  
 (21) 2020201764 (22) 11.03.2020  
 (54) PLANTING SYSTEM HAVING OSCILLATING SEED AGITATOR  
 (31) 16/790,504 (32) 13.02.20 (33) US

---

(71) Biomedical Concepts LLC; D.T.R. Dermal Therapy Research Inc.  
 (21) 2020201781 (22) 11.03.2020  
 (54) COMPOSITION, SYSTEM AND METHOD FOR TREATING SKIN  
 (62) 2014353853

---

(71) Blackhawk Network, Inc.  
 (21) 2020201810 (22) 12.03.2020  
 (54) Open payment network  
 (62) 2014306607

---



---

(71) Bruin Biometrics, LLC  
 (21) 2020201790 (22) 11.03.2020  
 (54) Bisymmetric comparison of sub-epidermal moisture values  
 (62) 2018217182

---

(71) C.R. Bard, Inc  
 (21) 2020201819 (22) 12.03.2020  
 (54) Inflatable medical balloon with variable profile  
 (62) 2018212661

---

(71) Canon Kabushiki Kaisha  
 (21) 2020201753 (22) 10.03.2020  
 (54) Method, apparatus and system for encoding and decoding a block of video samples

---

(71) Canon Kabushiki Kaisha  
 (21) 2020201759 (22) 10.03.2020  
 (54) Method and apparatus for generating a virtual image from a viewpoint selected by the user, from a camera array with transmission of foreground and background images at different frame rates  
 (62) 2017270402

---

(71) Cargill, Incorporated  
 (21) 2020201727 (22) 09.03.2020  
 (54) FERMENTATION METHODS FOR PRODUCING STEVIOL GLYCOSIDES WITH MULTI-PHASE FEEDING  
 (62) 2016270656

---

(71) Carnival Corporation  
 (21) 2020201741 (22) 10.03.2020  
 (54) Devices and accessories for use in wireless guest engagement systems  
 (62) 2017358533

---

(71) Carnival Corporation  
 (21) 2020201742 (22) 10.03.2020  
 (54) Devices and accessories for use in wireless guest engagement systems  
 (62) 2017358533

---

(71) Carrier Corporation  
 (21) 2020201852 (22) 13.03.2020  
 (54) Configuring firmware for a target device  
 (31) 201911010185 (32) 15.03.19 (33) IN

---

(71) CASIO COMPUTER CO., LTD.  
 (21) 2020201748 (22) 10.03.2020  
 (54) Medical imaging device  
 (62) 2018202243

---

(71) Caterpillar Global Mining Equipment LLC  
 (21) 2020201797 (22) 11.03.2020

---

Complete Applications Filed - Name Index cont'd

(54) SYSTEM AND METHOD OF TRACKING FLAT SURFACES OF A COMPONENT OF A DRILLING MACHINE  
 (31) 62/824,939 (32) 27.03.19 (33) US  
 16/549,807 23.08.19 US

(71) CFPH, LLC  
 (21) 2020201877 (22) 13.03.2020  
 (54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACKPOTS  
 (62) 2018200441

(71) Chembio Diagnostic Systems, Inc.  
 (21) 2020201874 (22) 13.03.2020  
 (54) IMMUNOASSAY UTILIZING TRAPPING CONJUGATE  
 (62) 2015241521

(71) Cherry Hill Coolstores Pty Ltd  
 (21) 2020201776 (22) 11.03.2020  
 (54) Method And System For Facilitating Management Of Seed Production  
 (31) 2019901153 (32) 04.04.19 (33) AU

(71) City of Hope  
 (21) 2020201725 (22) 09.03.2020  
 (54) CELL PENETRATING CONJUGATES AND METHODS OF USE THEREOF  
 (62) 2014312031

(71) Coloplast A/S  
 (21) 2020201847 (22) 13.03.2020  
 (54) A system for anal and/or stomal irrigation and a method for controlling such a system  
 (62) 2015366023

(71) Compagnie Generale des Etablissements Michelin  
 (21) 2020201780 (22) 11.03.2020  
 (54) Wake disruptor for use with a land vehicle  
 (62) 2016366836

(71) Conveyor Manufacturers Australia Pty Ltd  
 (21) 2020201785 (22) 11.03.2020  
 (54) Conveyor system and support frame therefor  
 (62) 2015333576

(71) Covidien LP  
 (21) 2020201794 (22) 11.03.2020  
 (54) Seals for surgical access devices  
 (31) 16/394,043 (32) 25.04.19 (33) US

(71) Covidien LP  
 (21) 2020201796 (22) 11.03.2020  
 (54) Repositioning method of input device for robotic surgical system  
 (62) 2016220501

(71) Covidien LP  
 (21) 2020201905 (22) 16.03.2020  
 (54) Surgical system and surgical loading units thereof  
 (31) 62/838,744 (32) 25.04.19 (33) US  
 16/812,596 09.03.20 US

(71) CSA Medical, Inc.  
 (21) 2020201833 (22) 12.03.2020  
 (54) Method and system for consistent, repeatable, and safe cryospray treatment of airway tissue  
 (62) 2015269369

**D.T.R. Dermal Therapy Research Inc. see Biomedical Concepts LLC**  
 (21) 2020201781

(71) De Ridder, D.  
 (21) 2020201736 (22) 10.03.2020  
 (54) SYSTEM AND METHOD FOR NESTED NEUROSTIMULATION  
 (62) 2015313928

(71) Dexcom, Inc.  
 (21) 2020201726 (22) 09.03.2020  
 (54) System and method for communication of analyte data  
 (62) 2017345135

(71) Dexcom, Inc.  
 (21) 2020201745 (22) 10.03.2020  
 (54) Continuous analyte monitoring system power conservation  
 (62) 2016377480

(71) Dexcom, Inc.  
 (21) 2020201871 (22) 13.03.2020  
 (54) Sensors for continuous analyte monitoring, and related methods  
 (62) 2018203792

(71) Divergent Technologies, Inc.  
 (21) 2020201806 (22) 12.03.2020  
 (54) SYSTEMS AND METHODS FOR FABRICATING JOINT MEMBERS  
 (62) 2015284265

(71) DOTS Technology Corp.  
 (21) 2020201746 (22) 10.03.2020  
 (54) Allergen detection  
 (62) 2017272280

(71) Edwards Lifesciences Corporation  
 (21) 2020201870 (22) 13.03.2020  
 (54) Surgical heart valves identifiable post-implant  
 (62) 2015268589

(71) Epimeron Inc.  
 (21) 2020201743 (22) 10.03.2020

(54) Compositions and methods for making (R)-Reticuline and precursors thereof  
 (62) 2014360597

(71) ETHICON ENDO-SURGERY, INC.  
 (21) 2020201772 (22) 11.03.2020  
 (54) ELECTRICALLY SELF-POWERED SURGICAL INSTRUMENT WITH MANUAL RELEASE  
 (62) 2018267607

(71) ExploraMed NC7, Inc.  
 (21) 2020201768 (22) 11.03.2020  
 (54) Systems, devices and methods for assessing milk volume expressed from a breast  
 (62) 2015317840

(71) Fisher & Paykel Healthcare Limited  
 (21) 2020201718 (22) 09.03.2020  
 (54) GEL RESUSCITATION MASK  
 (62) 2015232049

(71) Fisher & Paykel Healthcare Limited  
 (21) 2020201765 (22) 11.03.2020  
 (54) PRESSURE RANGE ADJUSTMENT FOR RESPIRATORY THERAPY DEVICE  
 (62) 2015228507

(71) Fisher & Paykel Healthcare Limited  
 (21) 2020201844 (22) 13.03.2020  
 (54) RESPIRATORY HUMIDIFIER COMMUNICATION SYSTEMS AND METHODS  
 (62) 2017245316

(71) Fisher & Paykel Healthcare Limited  
 (21) 2020201886 (22) 16.03.2020  
 (54) Methods and systems for delivering gas to a patient  
 (62) 2015246709

(71) FluGen, Inc.  
 (21) 2020201760 (22) 10.03.2020  
 (54) INFLUENZA VIRUS MUTANTS AND USES THEREFOR  
 (62) 2018200488

(71) Gaba Therapeutics Inc.  
 (21) 2020201728 (22) 09.03.2020  
 (54) DEUTERATED ANALOGS OF ETIFOXINE, THEIR DERIVATIVES AND USES THEREOF  
 (62) 2016235495

(71) Genomic Health, Inc.  
 (21) 2020201779 (22) 11.03.2020  
 (54) Method for using gene expression to determine prognosis of prostate cancer  
 (62) 2017268510

(71) GIMENEZ VERGARA, P.  
 (21) 2020201890 (22) 16.03.2020

Complete Applications Filed - Name Index cont'd

(54) Rotating central column with hydraulic horizontal movement, arranged in an assembly for changing hoppers and tanks for lorries  
(62) 2015271623

---

(71) Google LLC  
(21) 2020201889 (22) 16.03.2020  
(54) SEQUENCE DEPENDENT OPERATION PROCESSING OF PACKET BASED DATA MESSAGE TRANSMISSIONS  
(62) 2017386093

---

(71) Graco Minnesota Inc.  
(21) 2020201869 (22) 13.03.2020  
(54) Centerfill of lubricant reservoir  
(62) 2016250786

---

(71) Grifols, S.A.  
(21) 2020201899 (22) 16.03.2020  
(54) Method for calibrating a peristaltic pump, method for dispensing a quantity of liquid by means of a peristaltic pump and device for producing sterile preparations that can execute said methods  
(31) 19382212.9 (32) 26.03.19 (33) EP

---

(71) Hanusiewicz, A.  
(21) 2020201730 (22) 10.03.2020  
(54) BIOMECHANICS SPECIFIC SYSTEM FOR PRIMARY TOTAL KNEE REPLACEMENT (TKR)  
(31) 2019903805 (32) 09.10.19 (33) AU

---

(71) Hawthorne Holdings Pty Ltd  
(21) 2020201735 (22) 10.03.2020  
(54) PIPE FITTING  
(62) 2016281199

---

(71) Hensley Industries, Inc.  
(21) 2020201750 (22) 10.03.2020  
(54) Excavating tooth assembly with locking pin assembly  
(62) 2016333778

---

(71) Huawei Technologies Co., Ltd.  
(21) 2020201895 (22) 16.03.2020  
(54) DATA TRANSMISSION METHOD AND APPARATUS  
(62) 2015409983

---

(71) Huawei Technologies Co., Ltd.  
(21) 2020201904 (22) 16.03.2020  
(54) PACKET TRANSMISSION METHOD AND APPARATUS  
(31) 201910203885.8 (32) 18.03.19 (33) CN

---

(71) Hunckler Fabrication LLC  
(21) 2020201761 (22) 11.03.2020  
(54) SHADE AND SHADING SYSTEM

(71) Immatics Biotechnologies GmbH  
(21) 2020201896 (22) 16.03.2020  
(54) NOVEL PEPTIDES, COMBINATION OF PEPTIDES AND SCAFFOLDS FOR USE IN IMMUNOTHERAPEUTIC TREATMENT OF VARIOUS CANCERS  
(62) 2016313684

---

(71) Immodulon Therapeutics Limited  
(21) 2020201754 (22) 10.03.2020  
(54) A CHECKPOINT INHIBITOR AND A WHOLE CELL MYCOBACTERIUM FOR USE IN CANCER THERAPY  
(62) 2014369510

---

(71) Implantica Patent Ltd  
(21) 2020201837 (22) 12.03.2020  
(54) An apparatus for treating gerd  
(62) 2018204130

---

**Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania**  
(21) 2020201853

---

(71) Ionis Pharmaceuticals, Inc.  
(21) 2020201763 (22) 11.03.2020  
(54) Modulators of Complement Factor B  
(62) 2014318580

---

(71) IVERIC bio, Inc.  
(21) 2020201824 (22) 12.03.2020  
(54) Methods for treating or preventing ophthalmological conditions  
(62) 2014286996

---

(71) Johnson & Johnson Consumer Inc.  
(21) 2020201762 (22) 11.03.2020  
(54) Process for making tablet using radiofrequency and lossy coated particles  
(62) 2015204763

---

(71) Joy Global Surface Mining Inc.  
(21) 2020201861 (22) 13.03.2020  
(54) Support system for hoist system  
(31) 62/819,238 (32) 15.03.19 (33) US

---

(71) Joy Global Underground Mining LLC  
(21) 2020201802 (22) 12.03.2020  
(54) Horizon monitoring for longwall system  
(62) 2018282356

---

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
(21) 2020201867 (22) 13.03.2020  
(54) Hydraulic drive apparatus for industrial vehicle  
(31) 2019-071812 (32) 04.04.19 (33) JP

---

(71) Kineta, Inc.  
(21) 2020201815 (22) 12.03.2020

(54) Anti-viral compounds, pharmaceutical compositions, and methods of use thereof  
(62) 2015255714

---

**KOSSEN, E. see BINDNER, M.**  
(21) 2020201860

---

(71) KUHN S.A.  
(21) 2020201787 (22) 11.03.2020  
(54) Agricultural machine and folding method for an agricultural machine  
(31) 19 02561 (32) 13.03.19 (33) FR

---

(71) KUHN S.A.  
(21) 2020201788 (22) 11.03.2020  
(54) Agricultural machine equipped with a distribution tie-rod  
(31) 19 02566 (32) 13.03.19 (33) FR

---

(71) Legrand France; Legrand SNC  
(21) 2020201831 (22) 12.03.2020  
(54) Electrical apparatus for supplying or not supplying a load according to the conducting or non-conducting state of a command member  
(31) 1902635 (32) 14.03.19 (33) FR

---

**Legrand SNC see Legrand France**  
(21) 2020201831

---

(71) LG Electronics Inc.  
(21) 2020201739 (22) 10.03.2020  
(54) Cleaner holder  
(62) 2017262301

---

(71) LG Electronics Inc.  
(21) 2020201749 (22) 10.03.2020  
(54) Vacuum cleaner  
(62) 2017265784

---

(71) LG Electronics Inc.  
(21) 2020201842 (22) 13.03.2020  
(54) Cleaner holder  
(62) 2017262306

---

(71) LG Electronics Inc.  
(21) 2020201882 (22) 16.03.2020  
(54) Vacuum cleaner  
(62) 2018256172

---

(71) LG ELECTRONICS INC.  
(21) 2020201733 (22) 10.03.2020  
(54) Fan Motor  
(31) 10-2019-0083457 (32) 10.07.19 (33) KR

---

(71) LG ELECTRONICS INC.  
(21) 2020201734 (22) 10.03.2020  
(54) Fan motor and manufacturing method thereof  
(31) 10-2019-0083458 (32) 10.07.19 (33) KR

Complete Applications Filed - Name Index cont'd

<p>(71) LIEN, L. (21) 2020201803 (22) 12.03.2020 (54) Recovery of lithium from an acid solution (62) 2018304150</p>	<p>(54) Assay apparatuses, methods and reagents (62) 2018204596</p>	<p>(71) Nisshin Steel Co., Ltd. (21) 2020201791 (22) 11.03.2020 (54) MOLTEN A1 PLATED STEEL WIRE AS WELL AS STRANDED WIRE AND MANUFACTURING METHOD THEREFOR (62) 2014400108</p>
<p>(71) Lindemulder, P. (21) 2020201798 (22) 11.03.2020 (54) HOT STICK QUICK CONNECT SURGE ARRESTER ASSEMBLY (31) 16/298,679 (32) 11.03.19 (33) US</p>	<p>(71) Michie, J. (21) 2020201719 (22) 09.03.2020 (54) PLINTH FOR A HOT WATER CYLINDER (31) 755826 (32) 05.08.19 (33) NZ</p>	<p>(71) Nocimed, Inc.; The Regents of the University of California (21) 2020201823 (22) 12.03.2020 (54) MR SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAINFUL AND NON-PAINFUL INTERVERTEBRAL DISCS (62) 2019232919</p>
<p>(71) Loi &amp; Tran Pty Ltd (21) 2020201841 (22) 12.03.2020 (54) A Cutting Screw (62) 2015200133</p>	<p>(71) Microsoft Technology Licensing, LLC (21) 2020201737 (22) 10.03.2020 (54) Mechanical attach and retention feature (62) 2015236135</p>	<p>(71) Nokia Technologies Oy (21) 2020201908 (22) 16.03.2020 (54) Method for video coding and an apparatus (62) 2018202391</p>
<p>(71) MasterCard International Incorporated (21) 2020201891 (22) 16.03.2020 (54) Method and system for gross settlement by use of an opaque blockchain (62) 2016359115</p>	<p>(71) Microsoft Technology Licensing, LLC (21) 2020201771 (22) 11.03.2020 (54) Privacy filtering of requested user data and context activated privacy modes (62) 2015206737</p>	<p>(71) Nortic Holdings Inc. (21) 2020201863 (22) 13.03.2020 (54) Stable Nimopidine Parenteral Formulation (62) 2017249396</p>
<p>(71) MasterCard International Incorporated (21) 2020201898 (22) 16.03.2020 (54) Rules engine for applying rules from a reviewing network to signals from an originating network (62) 2016355283</p>	<p>(71) Mist Systems, Inc. (21) 2020201822 (22) 12.03.2020 (54) Methods and apparatus relating to the use of real and/or virtual beacons (62) 2016256474</p>	<p>(71) Nortic Holdings Inc. (21) 2020201900 (22) 16.03.2020 (54) PIVOTING RATCHET TOE BOARD (31) 3037006 (32) 18.03.19 (33) CA</p>
<p>(71) MAX CO., LTD. (21) 2020201766 (22) 11.03.2020 (54) Binding machine (31) 2019-044289 (32) 11.03.19 (33) JP 2019-103941 03.06.19 JP</p>	<p>(71) Molecular Templates, Inc. (21) 2020201807 (22) 12.03.2020 (54) De-immunized, Shiga toxin A Subunit scaffolds and cell-targeting molecules comprising the same (62) 2016271124</p>	<p>(71) Novobiotic Pharmaceuticals, LLC (21) 2020201751 (22) 10.03.2020 (54) Novel depsipeptide and uses thereof (62) 2018204040</p>
<p>(71) MAX CO., LTD. (21) 2020201769 (22) 11.03.2020 (54) Binding machine (31) 2019-044292 (32) 11.03.19 (33) JP</p>	<p>(71) National Oilwell Varco Norway AS (21) 2020201901 (22) 16.03.2020 (54) System and method for improved heave compensation (31) 19166745.0 (32) 02.04.19 (33) EP</p>	<p>(71) Novo Nordisk A/S; Amgen Inc. (21) 2020201820 (22) 12.03.2020 (54) Human CD30 ligand antigen binding proteins (62) 2018202699</p>
<p>(71) MAX CO., LTD. (21) 2020201774 (22) 11.03.2020 (54) Binding machine (31) 2019-044291 (32) 11.03.19 (33) JP 2019-103942 03.06.19 JP</p>	<p>(71) Newlenoir Limited (21) 2020201894 (22) 16.03.2020 (54) Piston arrangement (62) 2018200606</p>	<p><b>Omeros Corporation see University of Leicester</b> (21) 2020201804</p>
<p>(71) Medtronic Xomed, Inc. (21) 2020201756 (22) 10.03.2020 (54) Dynamic locking device (62) 2014257380</p>	<p>(71) Nikki Co., Ltd. (21) 2020201740 (22) 10.03.2020 (54) Electronically controlled throttle control device (31) 2019043601 (32) 11.03.19 (33) JP</p>	<p>(71) Opex Corporation (21) 2020201757 (22) 10.03.2020 (54) Method and apparatus for sorting or retrieving items (62) 2017265163</p>
<p>(71) Medtronic Xomed, Inc. (21) 2020201884 (22) 16.03.2020 (54) Tumor margin device (62) 2015315654</p>	<p>(71) NINGBO FUJIA INDUSTRIAL CO., LTD. (21) 2020201786 (22) 11.03.2020 (54) FLOOR CLEANING APPARATUS (31) 201910202088.8 (32) 18.03.19 (33) CN</p>	<p>(71) Osaka University (21) 2020201744 (22) 10.03.2020 (54) Leukocyte infiltration promoting agent and antitumor immunostimulatory agent (62) 2016329670</p>
<p>(71) Meso Scale Technologies, LLC (21) 2020201832 (22) 12.03.2020</p>	<p>(71) NIPPON SUISAN KAISHA, LTD. (21) 2020201738 (22) 10.03.2020 (54) Free-polyunsaturated-fatty-acid-containing composition and method for manufacturing same (62) 2016317524</p>	

Complete Applications Filed - Name Index cont'd

(71) Parabel Nutrition, Inc.  
 (21) 2020201808 (22) 12.03.2020  
 (54) METHODS AND SYSTEMS FOR FORMING MOISTURE ABSORBING PRODUCTS FROM A MICROCROP  
 (62) 2016276974

---

(71) Parkins, D.  
 (21) 2020201906 (22) 16.03.2020  
 (54) MOTORIZED WHEELBARROW

---

(71) Patent Investment & Licensing Company  
 (21) 2020201864 (22) 13.03.2020  
 (54) Entertainment Game-Based Gaming Device  
 (62) 2018202284

---

(71) Patent Investment & Licensing Company  
 (21) 2020201873 (22) 13.03.2020  
 (54) Method and Apparatus for Triggering a Bonus  
 (62) 2018200960

---

(71) Payne, C.  
 (21) 2020201909 (22) 16.03.2020  
 (54) Pet accessory apparatus having ball throwing and drinking functionality.  
 (31) 2019900901 (32) 19.03.19 (33) AU

---

(71) Pelican Products, Inc.  
 (21) 2020201887 (22) 16.03.2020  
 (54) TRUCK MOUNTING SYSTEM WITH TWO PIVOTAL A-ARMS  
 (31) 16/742,830 (32) 14.01.20 (33) US

---

(71) Pelican Products, Inc.  
 (21) 2020201888 (22) 16.03.2020  
 (54) CONTAINER MOUNTING SYSTEM FOR VEHICLES  
 (31) 16/744,787 (32) 16.01.20 (33) US

---

(71) Pictometry International Corp.  
 (21) 2020201782 (22) 11.03.2020  
 (54) COMPUTER SYSTEM FOR AUTOMATICALLY CLASSIFYING ROOF ELEMENTS  
 (62) 2018201098

---

(71) Polygroup Macau Limited (BVI)  
 (21) 2020201903 (22) 16.03.2020  
 (54) Inflatable airbed mattress internal support system  
 (62) 2017307042

---

(71) Raytheon Company  
 (21) 2020201897 (22) 16.03.2020  
 (54) Labeling using interactive assisted segmentation  
 (31) 16/428,198 (32) 31.05.19 (33) US

---

(71) Redpath, J.  
 (21) 2020201878 (22) 14.03.2020

(54) RESCUE FLASHLIGHT SWITCHING APPARATUS AND METHOD TO ACCOMMODATE PROTECTIVE CLOTHING AND EMERGENCY EQUIPMENT

---

(71) Returned Pty Ltd  
 (21) 2020201729 (22) 09.03.2020  
 (54) Trolley Return System  
 (31) 2019900785 (32) 11.03.19 (33) AU

---

(71) Revolutionary Medical Devices, Inc.  
 (21) 2020201805 (22) 12.03.2020  
 (54) Combined nasal and mouth ventilation mask  
 (62) 2015269351

---

(71) Rutgers, The State University of New Jersey  
 (21) 2020201856 (22) 13.03.2020  
 (54) METHODS MODULATING IMMUNOREGULATORY EFFECT OF STEM CELLS  
 (62) 2013358904

---

(71) Semafone Limited  
 (21) 2020201866 (22) 13.03.2020  
 (54) Secure voice transactions  
 (62) 2014259166

---

(71) Shanghai Ocean University  
 (21) 2020201845 (22) 13.03.2020  
 (54) Automatic immersion ice-coating machine  
 (31) 201910786665.2 (32) 23.08.19 (33) CN

---

(71) Shanghai Ocean University  
 (21) 2020201850 (22) 13.03.2020  
 (54) Nozzle structure for a quick freezer  
 (31) 201911255793.0 (32) 10.12.19 (33) CN

---

(71) Siemens Mobility GmbH  
 (21) 2020201872 (22) 13.03.2020  
 (54) Method for mixed operation of a section of railroad line with switch, and section of line and switch  
 (31) 102019204135.3 (32) 26.03.19 (33) DE

---

(71) Slingshot Biosciences, Inc.  
 (21) 2020201783 (22) 11.03.2020  
 (54) HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME  
 (62) 2016218254

---

(71) Suffolk, B.  
 (21) 2020201720 (22) 09.03.2020  
 (54) crate mate

---

(71) SunPower Corporation  
 (21) 2020201865 (22) 13.03.2020

(54) A system and method for estimating performance of Photovoltaic Energy Systems  
 (31) 62/818,408 (32) 14.03.19 (33) US  
 62/965,621 24.01.20 US  
 16/813,285 09.03.20 US

---

(71) Swirls, Inc.  
 (21) 2020201827 (22) 12.03.2020  
 (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
 (62) 2020200149

---

(71) Taxiprop Pty Ltd  
 (21) 2020201789 (22) 11.03.2020  
 (54) Taximeter, system and method for a taxi  
 (62) 2017279737

---

(71) Technological Resources Pty. Limited  
 (21) 2020201859 (22) 13.03.2020  
 (54) A SYSTEM AND METHOD FOR THE AUTONOMOUS DRILLING OF GROUND HOLES  
 (62) 2018202942

---

(71) The Board of Trustees of the Leland Stanford Junior University  
 (21) 2020201848 (22) 13.03.2020  
 (54) Pharmacological treatment of cognitive impairment  
 (62) 2018204734

---

(71) The Coca-Cola Company  
 (21) 2020201868 (22) 13.03.2020  
 (54) PLASTIC BOTTLE  
 (62) 2018211260

---

(71) The General Hospital Corporation  
 (21) 2020201821 (22) 12.03.2020  
 (54) USE OF MICROVESICLES IN DIAGNOSIS, PROGNOSIS AND TREATMENT OF MEDICAL DISEASES AND CONDITIONS  
 (62) 2017272272

---

(71) The Raymond Corporation  
 (21) 2020201846 (22) 13.03.2020  
 (54) SYSTEMS AND METHODS FOR A BATTERY PANEL ASSEMBLY ON A MATERIAL HANDLING VEHICLE  
 (31) 62/829,420 (32) 04.04.19 (33) US

---

(71) The Regents of the University of California  
 (21) 2020201775 (22) 11.03.2020  
 (54) A novel RNAi molecule delivery platform based on single-siRNA and shRNA nanocapsules  
 (62) 2018201179

---

The Regents of the University of California see Nocimed, Inc.  
 (21) 2020201823

Complete Applications Filed - Name Index cont'd

---

(71) The Trustees of the University of Pennsylvania  
 (21) 2020201826 (22) 12.03.2020  
 (54) In Vitro Artificial Lymph Node for Sensitization and Expansion of T Cells for Therapy and Epitope Mapping  
 (62) 2017251792

---

(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
 (21) 2020201853 (22) 13.03.2020  
 (54) DNA antibody constructs and method of using same  
 (62) 2018202997

---

**The United States of America, as Represented by the Secretary, Department of Health and Human Services see Aura Biosciences, Inc.**  
 (21) 2020201799

---

(71) THE UNIVERSITY OF ADELAIDE  
 (21) 2020201816 (22) 12.03.2020  
 (54) Formulation for attracting citrus gall wasp  
 (31) 2019900845 (32) 14.03.19 (33) AU

---

(71) Toughbuilt Industries, Inc.  
 (21) 2020201755 (22) 10.03.2020  
 (54) SINGLE-ACTION CONVERTIBLE UTILITY KNIFE AND SCRAPER  
 (31) 16/506,186 (32) 09.07.19 (33) US

---

(71) UAV Engines Ltd  
 (21) 2020201724 (22) 09.03.2020  
 (54) ROTARY ENGINE ROTOR  
 (62) 2016217936

---

(71) University of Leicester; Omeros Corporation  
 (21) 2020201804 (22) 12.03.2020  
 (54) Methods for inhibiting fibrosis in a subject in need thereof  
 (62) 2017205453

---

(71) Valeritas, Inc.  
 (21) 2020201731 (22) 10.03.2020  
 (54) A fluid delivery device having an insertable prefilled cartridge  
 (62) 2019200282

---

(71) VERTO ANALYTICS OY  
 (21) 2020201854 (22) 13.03.2020  
 (54) Measurement of multi-screen internet user profiles, transactional behaviors and structure of user population through a hybrid census and user based measurement methodology  
 (62) 2014384203

---

(71) Vestaron Corporation  
 (21) 2020201747 (22) 10.03.2020

---

(54) Toxic peptide production, peptide expression in plants and combinations of cysteine rich peptides  
 (62) 2018200652

---

(71) VIGOURPLASTIC CO., LTD.  
 (21) 2020201893 (22) 16.03.2020  
 (54) CONTAINER OPENING IDENTIFICATION STRUCTURE WITH NON-EQUAL CONFIGURATION PRE-BREAKING LINE  
 (31) 108121495 (32) 20.06.19 (33) TW

---

(71) W. L. Gore & Associates, Inc.  
 (21) 2020201784 (22) 11.03.2020  
 (54) Durable multi-layer high strength polymer composite suitable for implant and articles produced therefrom  
 (62) 2018203416

---

(71) Willingdon Properties Pty Ltd  
 (21) 2020201875 (22) 13.03.2020  
 (54) Quick hitch  
 (31) 2019900868 (32) 15.03.19 (33) AU

---

(71) Wyeth LLC  
 (21) 2020201851 (22) 13.03.2020  
 (54) Maleate salts of (E)-N-{4-[3-chloro-4-(2-pyridinylmethoxy)anilino]-3-cyano-7-ethoxy-6-quinolinyloxy}-4-(dimethylamino)-2-butenamide and crystalline forms thereof  
 (62) 2018202911

---

(71) Wyeth LLC  
 (21) 2020201862 (22) 13.03.2020  
 (54) Antineoplastic combinations with mTOR inhibitor, herceptin, and/or HKI-272  
 (62) 2018217257

---

(71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
 (21) 2020201858 (22) 13.03.2020  
 (54) Ostreolysin, functionally related variant thereof, extract comprising ostreolysin and uses thereof  
 (62) 2015232974

---

(71) YUMARR Automation Pty Ltd  
 (21) 2020201817 (22) 12.03.2020  
 (54) APPARATUS, ARRANGEMENT AND METHOD FOR SECURING A DANGER ZONE OF AN UNDERGROUND MINING MACHINE  
 (62) 2018201574

---

(71) ZeniMax Media Inc.  
 (21) 2020201834 (22) 12.03.2020  
 (54) Player input motion compensation by anticipating motion vectors  
 (62) 2018255983

---

(71) ZeniMax Media Inc.  
 (21) 2020201835 (22) 12.03.2020  
 (54) Player input motion compensation by anticipating motion vectors  
 (62) 2018255983

---

(71) Zeus Industrial Products, Inc.  
 (21) 2020201813 (22) 12.03.2020  
 (54) PEELABLE HEAT-SHRINKING TUBING  
 (62) 2015269211

---

Numerical Index

<b>2020201718</b>	Fisher & Paykel Healthcare Limited	<b>2020201789</b>	Taxipropt Pty Ltd
<b>2020201719</b>	Michie, J.	<b>2020201790</b>	Bruin Biometrics, LLC
<b>2020201720</b>	Suffolk, B.	<b>2020201791</b>	Nisshin Steel Co., Ltd.
<b>2020201721</b>	Apple Inc.	<b>2020201792</b>	Arvinas, Inc.
<b>2020201722</b>	Anova Applied Electronics, Inc.	<b>2020201793</b>	Arvinas Operations, Inc.
<b>2020201723</b>	Apple Inc.	<b>2020201794</b>	Covidien LP
<b>2020201724</b>	UAV Engines Ltd	<b>2020201796</b>	Covidien LP
<b>2020201725</b>	City of Hope	<b>2020201797</b>	Caterpillar Global Mining Equipment LLC
<b>2020201726</b>	Dexcom, Inc.	<b>2020201798</b>	Lindemulder, P.
<b>2020201727</b>	Cargill, Incorporated	<b>2020201799</b>	Aura Biosciences, Inc.; The United States of America, as Represented by the Secretary, Department of Health and Human Services
<b>2020201728</b>	Gaba Therapeutics Inc.	<b>2020201800</b>	Angel Playing Cards Co., Ltd.
<b>2020201729</b>	Returned Pty Ltd	<b>2020201801</b>	Angel Playing Cards Co., Ltd.
<b>2020201730</b>	Hanusiewicz, A.	<b>2020201802</b>	Joy Global Underground Mining LLC
<b>2020201731</b>	Valeritas, Inc.	<b>2020201803</b>	LIEN, L.
<b>2020201732</b>	Astute Medical, Inc.	<b>2020201804</b>	University of Leicester; Omeros Corporation
<b>2020201733</b>	LG ELECTRONICS INC.	<b>2020201805</b>	Revolutionary Medical Devices, Inc.
<b>2020201734</b>	LG ELECTRONICS INC.	<b>2020201806</b>	Divergent Technologies, Inc.
<b>2020201735</b>	Hawthorne Holdings Pty Ltd	<b>2020201807</b>	Molecular Templates, Inc.
<b>2020201736</b>	De Ridder, D.	<b>2020201808</b>	Parabel Nutrition, Inc.
<b>2020201737</b>	Microsoft Technology Licensing, LLC	<b>2020201809</b>	Aaron Diamond AIDS Research Center
<b>2020201738</b>	NIPPON SUISAN KAISHA, LTD.	<b>2020201810</b>	Blackhawk Network, Inc.
<b>2020201739</b>	LG Electronics Inc.	<b>2020201811</b>	4C Medical Technologies, Inc.
<b>2020201740</b>	Nikki Co., Ltd.	<b>2020201812</b>	Adolf Würth GmbH & Co. KG
<b>2020201741</b>	Carnival Corporation	<b>2020201813</b>	Zeus Industrial Products, Inc.
<b>2020201742</b>	Carnival Corporation	<b>2020201815</b>	Kineta, Inc.
<b>2020201743</b>	Epimeron Inc.	<b>2020201816</b>	THE UNIVERSITY OF ADELAIDE
<b>2020201744</b>	Osaka University	<b>2020201817</b>	YUMARR Automation Pty Ltd
<b>2020201745</b>	Dexcom, Inc.	<b>2020201818</b>	AqueSys, Inc.
<b>2020201746</b>	DOTS Technology Corp.	<b>2020201819</b>	C.R. Bard, Inc
<b>2020201747</b>	Vestaron Corporation	<b>2020201820</b>	Novo Nordisk A/S; Amgen Inc.
<b>2020201748</b>	CASIO COMPUTER CO., LTD.	<b>2020201821</b>	The General Hospital Corporation
<b>2020201749</b>	LG Electronics Inc.	<b>2020201822</b>	Mist Systems, Inc.
<b>2020201750</b>	Hensley Industries, Inc.	<b>2020201823</b>	Nocimed, Inc.; The Regents of the University of California
<b>2020201751</b>	Novobiotic Pharmaceuticals, LLC	<b>2020201824</b>	IVERIC bio, Inc.
<b>2020201752</b>	A.T.E. Enterprises Private Limited	<b>2020201825</b>	Beijing Didi Infinity Technology and Development Co., Ltd.
<b>2020201753</b>	Canon Kabushiki Kaisha	<b>2020201826</b>	The Trustees of the University of Pennsylvania
<b>2020201754</b>	Immodulon Therapeutics Limited	<b>2020201827</b>	Swirls, Inc.
<b>2020201755</b>	Toughbuilt Industries, Inc.	<b>2020201828</b>	Becton, Dickinson and Company
<b>2020201756</b>	Medtronic Xomed, Inc.	<b>2020201829</b>	3M Innovative Properties Company
<b>2020201757</b>	Opex Corporation	<b>2020201830</b>	BASF SE
<b>2020201759</b>	Canon Kabushiki Kaisha	<b>2020201831</b>	Legrand France; Legrand SNC
<b>2020201760</b>	FluGen, Inc.	<b>2020201832</b>	Meso Scale Technologies, LLC
<b>2020201761</b>	Hunckler Fabrication LLC	<b>2020201833</b>	CSA Medical, Inc.
<b>2020201762</b>	Johnson & Johnson Consumer Inc.	<b>2020201834</b>	ZeniMax Media Inc.
<b>2020201763</b>	Ionis Pharmaceuticals, Inc.	<b>2020201835</b>	ZeniMax Media Inc.
<b>2020201764</b>	BioCarbon Engineering Ltd.	<b>2020201836</b>	A60N Group Pty Ltd
<b>2020201765</b>	Fisher & Paykel Healthcare Limited	<b>2020201837</b>	Implantica Patent Ltd
<b>2020201766</b>	MAX CO., LTD.	<b>2020201838</b>	Anglo American Services (UK) Ltd
<b>2020201767</b>	Becton, Dickinson and Company	<b>2020201839</b>	Aristocrat Technologies Australia Pty Limited
<b>2020201768</b>	ExploraMed NC7, Inc.	<b>2020201840</b>	Altopa, Inc.
<b>2020201769</b>	MAX CO., LTD.	<b>2020201841</b>	Loi & Tran Pty Ltd
<b>2020201771</b>	Microsoft Technology Licensing, LLC	<b>2020201842</b>	LG Electronics Inc.
<b>2020201772</b>	ETHICON ENDO-SURGERY, INC.	<b>2020201843</b>	Arbor Biotechnologies
<b>2020201774</b>	MAX CO., LTD.	<b>2020201844</b>	Fisher & Paykel Healthcare Limited
<b>2020201775</b>	The Regents of the University of California	<b>2020201845</b>	Shanghai Ocean University
<b>2020201776</b>	Cherry Hill Coolstores Pty Ltd	<b>2020201846</b>	The Raymond Corporation
<b>2020201778</b>	Allergan, Inc.	<b>2020201847</b>	Coloplast A/S
<b>2020201779</b>	Genomic Health, Inc.	<b>2020201848</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2020201780</b>	Compagnie Generale des Etablissements Michelin	<b>2020201849</b>	Apple Inc.
<b>2020201781</b>	Biomedical Concepts LLC; D.T.R. Dermal Therapy Research Inc.	<b>2020201850</b>	Shanghai Ocean University
<b>2020201782</b>	Pictometry International Corp.	<b>2020201851</b>	Wyeth LLC
<b>2020201783</b>	Slingshot Biosciences, Inc.	<b>2020201852</b>	Carrier Corporation
<b>2020201784</b>	W. L. Gore & Associates, Inc.	<b>2020201853</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
<b>2020201785</b>	Conveyor Manufacturers Australia Pty Ltd	<b>2020201854</b>	VERTO ANALYTICS OY
<b>2020201786</b>	NINGBO FUJIA INDUSTRIAL CO., LTD.		
<b>2020201787</b>	KUHN S.A.		
<b>2020201788</b>	KUHN S.A.		



## Complete Applications Filed - Numerical Index cont'd

2020201855	Artificial Lift Production International Corp. o/a AL PRO International Corp.
2020201856	Rutgers, The State University of New Jersey
2020201857	Apple Inc.
2020201858	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
2020201859	Technological Resources Pty. Limited
2020201860	BINDNER, M.; KOSSEN, E.
2020201861	Joy Global Surface Mining Inc.
2020201862	Wyeth LLC
2020201863	Nortic Holdings Inc.
2020201864	Patent Investment & Licensing Company
2020201865	SunPower Corporation
2020201866	Semafone Limited
2020201867	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2020201868	The Coca-Cola Company
2020201869	Graco Minnesota Inc.
2020201870	Edwards Lifesciences Corporation
2020201871	Dexcom, Inc.
2020201872	Siemens Mobility GmbH
2020201873	Patent Investment & Licensing Company
2020201874	Chembio Diagnostic Systems, Inc.
2020201875	Willingdon Properties Pty Ltd
2020201876	Aristocrat Technologies Australia Pty Limited
2020201877	CFPH, LLC
2020201878	Redpath, J.
2020201879	Angel Playing Cards Co., Ltd.
2020201880	Angel Playing Cards Co., Ltd.
2020201881	Angel Playing Cards Co., Ltd.
2020201882	LG Electronics Inc.
2020201883	Accenture Global Solutions Limited
2020201884	Medtronic Xomed, Inc.
2020201885	Bally Gaming, Inc.
2020201886	Fisher & Paykel Healthcare Limited
2020201887	Pelican Products, Inc.
2020201888	Pelican Products, Inc.
2020201889	Google LLC
2020201890	GIMENEZ VERGARA, P.
2020201891	MasterCard International Incorporated
2020201892	Amtek Pty Limited
2020201893	VIGOURPLASTIC CO., LTD.
2020201894	Newlenoir Limited
2020201895	Huawei Technologies Co., Ltd.
2020201896	Immatics Biotechnologies GmbH
2020201897	Raytheon Company
2020201898	MasterCard International Incorporated
2020201899	Grifols, S.A.
2020201900	Norwood Industries Inc.
2020201901	National Oilwell Varco Norway AS
2020201902	Acorn Engineering Company
2020201903	Polygroup Macau Limited (BVI)
2020201904	Huawei Technologies Co., Ltd.
2020201905	Covidien LP
2020201906	Parkins, D.
2020201907	4 Season Company Pty Ltd
2020201908	Nokia Technologies Oy
2020201909	Payne, C.
2020201910	Abramov, Y.
2020201911	Adama Makhteshim Limited

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 10 Mar 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<b>(71)</b> ALABASTER ZANFIRMARY VENTURES PTY LTD <b>(21)</b> 2020100350 <b>(22)</b> 07.03.2020 <b>(54)</b> Firstly, a method of manufacturing the components of a fly screen and all related flyscreen products, in the form of a DIY Flyscreen Kit to match customised specifications ordered via the online storefront or through any other means. Secondly, the packaging and distribution of required materials in the form of a DIY Flyscreen Kit Specifically, the manufacturing and packaging of a DIY Flyscreen Kit made to customer specifications which will include to fulfill the DIY assembly of the specific DIY Flyscreen Kit in order to fulfill the customer's request.	<b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Changzhou Liangfulangqing Biotechnology LTD. <b>(21)</b> 2020100378 <b>(22)</b> 12.03.2020 <b>(54)</b> Formaldehyde Removal Solution Based On Shiitake Mushroom Extract And Preparation Method Thereof
<b>(71)</b> Alcolizer Pty Ltd <b>(21)</b> 2020100368 <b>(22)</b> 11.03.2020 <b>(54)</b> A breath guide <b>(62)</b> 2017261851	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100340 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Chengdu Yefan Science and Technology Co., Ltd. <b>(21)</b> 2020100336 <b>(22)</b> 06.03.2020 <b>(54)</b> Method and system for manufacturing solar cells and shingled solar cell modules <b>(62)</b> 2018409644
<b>(71)</b> Apex Glory International Trading Pty Ltd <b>(21)</b> 2020100352 <b>(22)</b> 08.03.2020 <b>(54)</b> Natural ingredients formulations use as therapeutics	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100341 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> China University of Geosciences, Beijing <b>(21)</b> 2020100337 <b>(22)</b> 06.03.2020 <b>(54)</b> METHOD AND SYSTEM FOR GENERATING UNSTEADY-STATE WELL TEST CHART OF HIGHLY-DEVIATED WELL IN GAS RESERVOIR <b>(31)</b> 202010021113.5 <b>(32)</b> 09.01.20 <b>(33)</b> CN
<b>(71)</b> Beiren Intelligent Equipment Technology Co., Ltd. <b>(21)</b> 2020100363 <b>(22)</b> 11.03.2020 <b>(54)</b> ZERO-POSITION PRECISE LOCATION DEVICE FOR DIAGONAL PLATE ADJUSTMENT	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100342 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Deere & Company <b>(21)</b> 2020100357 <b>(22)</b> 10.03.2020 <b>(54)</b> An electronic assembly with retention of cable <b>(31)</b> 16/354,918 <b>(32)</b> 15.03.19 <b>(33)</b> US 16/399,367 30.04.19 US
<b>(71)</b> Beiren Intelligent Equipment Technology Co., Ltd. <b>(21)</b> 2020100364 <b>(22)</b> 11.03.2020 <b>(54)</b> PAPER JAM DETECTION DEVICE FOR PRINTERS	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100344 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Deere & Company <b>(21)</b> 2020100374 <b>(22)</b> 12.03.2020 <b>(54)</b> Mounting system for mounting an electronic device on a vehicle <b>(31)</b> 62/819,066 <b>(32)</b> 15.03.19 <b>(33)</b> US 16/599,906 11.10.19 US
<b>(71)</b> Bookleaf Pty Ltd <b>(21)</b> 2020100355 <b>(22)</b> 09.03.2020 <b>(54)</b> Pipe Fitting <b>(31)</b> 2019900928 <b>(32)</b> 20.03.19 <b>(33)</b> AU	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100345 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Deere & Company <b>(21)</b> 2020100374 <b>(22)</b> 12.03.2020 <b>(54)</b> Mounting system for mounting an electronic device on a vehicle <b>(31)</b> 62/819,066 <b>(32)</b> 15.03.19 <b>(33)</b> US 16/599,906 11.10.19 US
<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100338 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100346 <b>(22)</b> 06.03.2020 <b>(54)</b> Hydraulic cylinder with specific performance dimensions	<b>(71)</b> EOS-ENVIRO/EOS Import and Export Ltd. <b>(21)</b> 2020100329 <b>(22)</b> 06.03.2020 <b>(54)</b> Sponge Holder with UVC LED
<b>(71)</b> Caterpillar Inc. <b>(21)</b> 2020100339 <b>(22)</b> 06.03.2020	<b>(71)</b> Catley, A. <b>(21)</b> 2020100367 <b>(22)</b> 11.03.2020 <b>(54)</b> Decorative Cover Assembly for an Object <b>(31)</b> 2019900811 <b>(32)</b> 12.03.19 <b>(33)</b> AU	<b>(71)</b> EOS-ENVIRO/EOS Import and Export Ltd. <b>(21)</b> 2020100329 <b>(22)</b> 06.03.2020 <b>(54)</b> Sponge Holder with UVC LED
	<b>(71)</b> Central South University of Forestry and Technology <b>(21)</b> 2020100332 <b>(22)</b> 06.03.2020 <b>(54)</b> WOOD-BASED COMPOSITE PANEL FACED WITH EUCALYPTUS VENEER AND PREPARATION METHOD THEREOF <b>(31)</b> 201911086195.5 <b>(32)</b> 08.11.19 <b>(33)</b> CN	<b>(71)</b> EOS-ENVIRO/EOS Import and Export Ltd. <b>(21)</b> 2020100356 <b>(22)</b> 10.03.2020 <b>(54)</b> Mobile Phone Case with UVC-LED
	<b>(71)</b> Changzhou Liangfulangqing Biotechnology LTD. <b>(21)</b> 2020100360 <b>(22)</b> 10.03.2020 <b>(54)</b> Environment-Friendly Board Deodorant And Preparation Method And Application Thereof	<b>(71)</b> FCI Holdings Delaware, Inc. <b>(21)</b> 2020100343 <b>(22)</b> 06.03.2020 <b>(54)</b> Nut and mesh plate <b>(31)</b> 2019900793 <b>(32)</b> 11.03.19 <b>(33)</b> AU
		<b>(71)</b> Golden Bear Enterprises Pty Ltd <b>(21)</b> 2020100370 <b>(22)</b> 11.03.2020 <b>(54)</b> Refrigerator

Innovation Patent Applications Filed - Name Index cont'd

- (71) Gray, A.  
(21) 2020100289 (22) 26.02.2020  
(54) Electrical back up storage using the kinetic energy effect of raised mass: A mass raised by hydraulic jacks has potential energy: When released under the force of gravity its potential energy is converted into kinetic energy as it falls. That energy can be captured as the mass falls in a closed hydraulic system by directing the hydraulic pressure to generate electricity. Thus surplus electrical energy can be stored and released when required. This 'Green Energy' system can be built to household; industrial or National Grid sized electrical energy backup requirements in virtually any location.
- 
- (71) harris, r.  
(21) 2020100353 (22) 09.03.2020  
(54) Automatic swing gate opener  
(31) 2019904638 (32) 08.12.19 (33) AU
- 
- (71) Hart, N.  
(21) 2020100347 (22) 06.03.2020  
(54) Helmet  
(31) 2019900759 (32) 07.03.19 (33) AU
- 
- (71) Hayward, J.  
(21) 2020100333 (22) 06.03.2020  
(54) Tumbler Piston
- 
- (71) Illinois Tool Works Inc.  
(21) 2020100365 (22) 11.03.2020  
(54) Spacer for concrete formwork and reinforcing
- 
- (71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2020100334 (22) 06.03.2020  
(54) GROUND-AIR SHORT OFFSET ELECTROMAGNETIC DETECTION SYSTEM AND METHOD FOR SEPARATING MULTI-SOURCE TRANSMISSION SIGNALS  
(31) 202010071726.X (32) 21.01.20 (33) CN
- 
- (71) Jiang, H.; Xia, M.  
(21) 2020100327 (22) 05.03.2020  
(54) Multi-source End-tidal Carbon Dioxide Monitoring Auxiliary Visual Device  
(31) 201911266395.9 (32) 11.12.19 (33) CN
- 
- (71) Jiangsu University  
(21) 2020100376 (22) 12.03.2020  
(54) Intelligent Preparation Method of Instant Fermented Tea Powder
- 
- (71) Jiangsu University  
(21) 2020100377 (22) 12.03.2020  
(54) Intelligent Solid-State Fermentation Method for Fermented Tea
- 
- (71) Jiangsu University  
(21) 2020100379 (22) 12.03.2020  
(54) Intelligent Food Liquid Fermentation Parameter Control Method
- 
- Jilin University see Yanshan University**  
(21) 2020100371
- 
- (71) Karimi, K.  
(21) 2020100361 (22) 11.03.2020  
(54) Superintensifier
- 
- (71) Lanzhou Jiaotong University  
(21) 2020100358 (22) 10.03.2020  
(54) Treatment Method For Cadmium(II)-Phenol Co-Contaminated Wastewater And Recovery Method For Its Concentrated Solution
- 
- (71) MELLAR, S.  
(21) 2020100362 (22) 11.03.2020  
(54) CLAMP FOR JOCKEY WHEEL
- 
- (71) Moore, D.  
(21) 2020100351 (22) 08.03.2020  
(54) An innovative method for the measuring, cutting and installing a door to a door frame in a building.
- 
- Ryan, J. see Watson, J.**  
(21) 2020100348
- 
- (71) Safelec Technology Holdings Pty Ltd  
(21) 2020100354 (22) 09.03.2020  
(54) AN IMPROVED ELECTRICAL PROTECTION SYSTEM  
(62) 2019229841
- 
- (71) Saluda Medical Pty Ltd  
(21) 2020100330 (22) 06.03.2020  
(54) The present invention relates to neurostimulation, and in particular relates to methods and devices for optimising or revising neurostimulation paradigms in response to changes in medication dosages or changed medication responses.
- 
- Shenzhen Academy of Inspection and Quarantine see Shenzhen International Travel Healthcare Center (Shenzhen Customs Port Outpatient Department)**  
(21) 2020100366
- 
- (71) Shenzhen International Travel Healthcare Center (Shenzhen Customs Port Outpatient Department); Shenzhen Second People's Hospital; Shenzhen Academy of Inspection and Quarantine  
(21) 2020100366 (22) 11.03.2020
- 
- (54) GENE DETECTION SYSTEM AND METHOD BASED ON MICROFLUIDIC CHIP
- 
- Shenzhen Second People's Hospital see Shenzhen International Travel Healthcare Center (Shenzhen Customs Port Outpatient Department)**  
(21) 2020100366
- 
- (71) Shi, H.  
(21) 2020100328 (22) 05.03.2020  
(54) A Device for Crowd Handling During Subway Peak Hours
- 
- (71) SONG, H.  
(21) 2020100349 (22) 07.03.2020  
(54) Virtual Marketing Flyers, Posters and Stamps
- 
- (71) South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences  
(21) 2020100372 (22) 12.03.2020  
(54) STAINING AGENT AND STAINING METHOD FOR JUVENILE MUGIL CEPHALUS, AND APPLICATION OF ALIZARIN RED IN STAINING AND LABELING OF JUVENILE MUGIL CEPHALUS  
(31) 201911407011.0 (32) 31.12.19 (33) CN
- 
- (71) Taiyuan University of Technology  
(21) 2020100373 (22) 12.03.2020  
(54) METHOD FOR PREPARING SSZ-13 MOLECULAR SIEVE BY USING FLY ASH  
(31) 201910339940.6 (32) 25.04.19 (33) CN
- 
- (71) Taiyuan University Of Technology  
(21) 2020100380 (22) 12.03.2020  
(54) Asymmetric Support Technology Using Rock And Cable Bolts For Gob-Side Entry Driven Under Gob Edge With Internally Split-Level Longwall Layout In Mining Of Inclined Extra-Thick Coal Seams
- 
- (71) The Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2020100359 (22) 10.03.2020  
(54) In-situ Extracting System And Method For Lunar Rare Gases
- 
- (71) Thomas Corr Pty Ltd  
(21) 2020100369 (22) 11.03.2020  
(54) A CONNECTION PLATE AND ASSEMBLY
- 
- (71) Tiger Coffee Pty Ltd  
(21) 2020100335 (22) 06.03.2020  
(54) Fridge with internal bladder system  
(31) 2019900758 (32) 07.03.19 (33) AU

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

(71) Watson, J.; Ryan, J.  
(21) 2020100348 (22) 06.03.2020  
(54) An Automated Payment System  
(31) 2019900734 (32) 06.03.19 (33) AU

---

Xia, M. see Jiang, H.  
(21) 2020100327

---

(71) Yanshan University; Jilin University  
(21) 2020100371 (22) 12.03.2020  
(54) HIERARCHICAL MULTI-OBJECT  
TRACKING METHOD BASED ON SA-  
LIENCY DETECTION

---

(71) Zhejiang University of Technology  
(21) 2020100331 (22) 06.03.2020  
(54) NOVEL BIODIESEL DESULFURIZA-  
TION METHOD

Numerical Index

<b>2020100289</b>	Gray, A.	<b>2020100355</b>	Bookleaf Pty Ltd
<b>2020100327</b>	Jiang, H.; Xia, M.	<b>2020100356</b>	EOS-ENVIRO/EOS Import and Export Ltd.
<b>2020100328</b>	Shi, H.	<b>2020100357</b>	Deere & Company
<b>2020100329</b>	EOS-ENVIRO/EOS Import and Export Ltd.	<b>2020100358</b>	Lanzhou Jiaotong University
<b>2020100330</b>	Saluda Medical Pty Ltd	<b>2020100359</b>	The Institute of Geology and Geophysics, Chinese Academy of Sciences
<b>2020100331</b>	Zhejiang University of Technology	<b>2020100360</b>	Changzhou Liangfulangqing Biotechnology LTD.
<b>2020100332</b>	Central South University of Forestry and Technology	<b>2020100361</b>	Karimi, K.
<b>2020100333</b>	Hayward, J.	<b>2020100362</b>	MELLAR, S.
<b>2020100334</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences	<b>2020100363</b>	Beiren Intelligent Equipment Technology Co., Ltd.
<b>2020100335</b>	Tiger Coffee Pty Ltd	<b>2020100364</b>	Beiren Intelligent Equipment Technology Co., Ltd.
<b>2020100336</b>	Chengdu Yefan Science and Technology Co., Ltd.	<b>2020100365</b>	Illinois Tool Works Inc.
<b>2020100337</b>	China University of Geosciences, Beijing	<b>2020100366</b>	Shenzhen International Travel Healthcare Center (Shenzhen Customs Port Outpatient Department); Shenzhen Second People's Hospital; Shenzhen Academy of Inspection and Quarantine
<b>2020100338</b>	Caterpillar Inc.	<b>2020100367</b>	Catley, A.
<b>2020100339</b>	Caterpillar Inc.	<b>2020100368</b>	Alcolizer Pty Ltd
<b>2020100340</b>	Caterpillar Inc.	<b>2020100369</b>	Thomas Corr Pty Ltd
<b>2020100341</b>	Caterpillar Inc.	<b>2020100370</b>	Golden Bear Enterprises Pty Ltd
<b>2020100342</b>	Caterpillar Inc.	<b>2020100371</b>	Yanshan University; Jilin University
<b>2020100343</b>	FCI Holdings Delaware, Inc.	<b>2020100372</b>	South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
<b>2020100344</b>	Caterpillar Inc.	<b>2020100373</b>	Taiyuan University of Technology
<b>2020100345</b>	Caterpillar Inc.	<b>2020100374</b>	Deere & Company
<b>2020100346</b>	Caterpillar Inc.	<b>2020100376</b>	Jiangsu University
<b>2020100347</b>	Hart, N.	<b>2020100377</b>	Jiangsu University
<b>2020100348</b>	Watson, J.; Ryan, J.	<b>2020100378</b>	Changzhou Liangfulangqing Biotechnology LTD.
<b>2020100349</b>	SONG, H.	<b>2020100379</b>	Jiangsu University
<b>2020100350</b>	ALABASTER ZANFIRMARY VENTURES PTY LTD	<b>2020100380</b>	Taiyuan University Of Technology
<b>2020100351</b>	Moore, D.		
<b>2020100352</b>	Apex Glory International Trading Pty Ltd		
<b>2020100353</b>	harris, r.		
<b>2020100354</b>	Safelec Technology Holdings Pty Ltd		

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

**2000**

- 2000020672 ( 14 )    2000020696 ( 14 )    2000020698 ( 14 )
- 2000020699 ( 14 )    2000020715 ( 14 )    2000020725 ( 14 )
- 2000020752 ( 14 )    2000020758 ( 14 )    2000020759 ( 14 )
- 2000020763 ( 14 )    2000020830 ( 14 )    2000020850 ( 14 )
- 2000028305 ( 14 )    2000028306 ( 14 )    2000028954 ( 14 )
- 2000029275 ( 14 )    2000029294 ( 14 )    2000029330 ( 14 )
- 2000029398 ( 14 )    2000031342 ( 14 )    2000031686 ( 14 )
- 2000032860 ( 14 )    2000032869 ( 14 )    2000033311 ( 14 )
- 2000033957 ( 14 )    2000035206 ( 14 )    2000035223 ( 14 )
- 2000035226 ( 14 )    2000035252 ( 14 )    2000036182 ( 14 )
- 2000036191 ( 14 )    2000036212 ( 14 )    2000036886 ( 14 )
- 2000036953 ( 14 )    2000037239 ( 14 )    2000037415 ( 14 )
- 2000038096 ( 14 )    2000038698 ( 14 )    2000038715 ( 14 )
- 2000040067 ( 14 )    2000044492 ( 14 )

**2003**

- 2003270986 ( 14 )

**2004**

- 2004201615 ( 14 )    2004242550 ( 14 )

**2012**

- 2012100239 ( 22 )    2012100243 ( 22 )    2012100252 ( 22 )
- 2012100254 ( 22 )    2012100256 ( 22 )    2012100263 ( 22 )
- 2012100266 ( 22 )    2012101979 ( 22 )    2012241170 ( 14 )

**2013**

- 2013398546 ( 5C )    2013400677 ( 5C )

**2014**

- 2014100943 ( 22 )    2014240079 ( 5C )    2014242683 ( 5C )
- 2014249374 ( 5C )    2014262481 ( 5C )    2014273850 ( 5C )
- 2014284410 ( 5C )    2014314468 ( 5C )    2014332884 ( 5C )
- 2014345667 ( 5C )    2014376900 ( 5C )

**2015**

- 2015215891 ( 5C )    2015247951 ( 5C )    2015261146 ( 5C )
- 2015261259 ( 5C )    2015272126 ( 5C )    2015277407 ( 5C )
- 2015287903 ( 5C )    2015288148 ( 5C )    2015294110 ( 25D )
- 2015296215 ( 5C )    2015296239 ( 12C )    2015296487 ( 5C )
- 2015305296 ( 5C )    2015305506 ( 25D )    2015311052 ( 25D )
- 2015314920 ( 25D )    2015314923 ( 25D )    2015316243 ( 5C )
- 2015329637 ( 12C )    2015329722 ( 12C )    2015339950 ( 5C )
- 2015348617 ( 25D )    2015349000 ( 5C )    2015351956 ( 5C )
- 2015353458 ( 12C )    2015381976 ( 5C )    2015401868 ( 5C )
- 2015415125 ( 5C )

**2016**

- 2016101783 ( 21F )    2016201618 ( 1B )    2016202013 ( 1B )
- 2016202032 ( 1B )    2016208440 ( 1B )    2016210683 ( 1B )
- 2016211614 ( 12C )    2016219264 ( 12C )    2016219306 ( 12C )
- 2016219995 ( 12C )    2016226319 ( 12C )    2016236821 ( 1B )
- 2016236901 ( 1B )    2016240058 ( 1B )    2016240412 ( 1B )
- 2016242290 ( 1B )    2016242298 ( 1B )    2016242474 ( 1B )
- 2016242823 ( 1B )    2016242825 ( 1B )    2016242957 ( 1B )
- 2016243126 ( 1B )    2016243127 ( 1B )    2016243648 ( 1B )
- 2016243728 ( 1B )    2016245252 ( 1B )    2016245280 ( 1B )
- 2016246057 ( 1B )    2016246160 ( 12C )    2016250092 ( 12C )
- 2016250357 ( 14 )    2016263229 ( 25D )    2016277750 ( 5C )
- 2016297715 ( 1B )    2016313670 ( 1B )    2016316626 ( 1B )
- 2016319500 ( 1B )    2016321307 ( 1B )    2016321326 ( 1B )
- 2016331089 ( 1B )    2016331337 ( 5C )    2016334052 ( 1B )
- 2016336061 ( 1B )    2016337614 ( 12C )    2016338635 ( 5C )
- 2016341201 ( 5C )    2016351458 ( 12C )    2016353573 ( 25D )
- 2016357856 ( 5C )    2016363003 ( 12C )    2016366443 ( 1B )
- 2016369284 ( 12C )    2016369584 ( 1B )    2016369606 ( 12C )
- 2016370916 ( 1B )    2016371260 ( 1B )    2016372280 ( 1B )
- 2016372661 ( 12C )    2016373440 ( 1B )    2016374304 ( 1B )
- 2016382788 ( 25D )    2016390430 ( 1B )    2016407651 ( 5C )
- 2016419433 ( 5C )

**2017**

- 2017100826 ( 21F )    2017201899 ( 5C )    2017203636 ( 5C )
- 2017204770 ( 5C )    2017207367 ( 25D )    2017208948 ( 5C )
- 2017209192 ( 5C )    2017209317 ( 5C )    2017212393 ( 5C )
- 2017212836 ( 1B )    2017213848 ( 1B )    2017214373 ( 1B )
- 2017214412 ( 12C )    2017215874 ( 1B )    2017236400 ( 25D )
- 2017238149 ( 5C )    2017261614 ( 5C )    2017268544 ( 5C )
- 2017268635 ( 5C )    2017268682 ( 5C )    2017276309 ( 5C )
- 2017276340 ( 5C )    2017317609 ( 5C )    2017348332 ( 25D )
- 2017361237 ( 5C )

**2018**

- 2018200263 ( 5C )    2018200357 ( 5C )    2018200604 ( 5C )
- 2018200801 ( 5C )    2018200883 ( 5C )    2018201239 ( 5C )
- 2018201413 ( 5C )    2018201511 ( 5C )    2018201626 ( 5C )
- 2018201644 ( 5C )    2018202199 ( 5C )    2018202292 ( 5C )
- 2018202341 ( 5C )    2018202344 ( 5C )    2018202346 ( 5C )
- 2018202421 ( 5C )    2018202519 ( 5C )    2018202971 ( 5C )
- 2018203297 ( 5C )    2018203498 ( 5C )    2018203987 ( 5C )
- 2018204182 ( 5C )    2018204504 ( 5C )    2018204605 ( 5C )
- 2018213987 ( 5C )    2018247314 ( 5C )    2018256575 ( 5C )

2018282303 ( 12C ) 2018282494 ( 12C )

**2019**

2019100523 ( 21F ) 2019100569 ( 21F ) 2019101645 ( 18AN )  
 2019101717 ( 12AN ) 2019202012 ( 12C ) 2019202608 ( 12CN )  
 2019203959 ( 12C ) 2019204971 ( 12C ) 2019208217 ( 12C )  
 2019210677 ( 12C ) 2019246787 ( 12A ) 2019253872 ( 12C )  
 2019264684 ( 7AN ) 2019900835 ( 12AN ) 2019900863 ( 12AN )  
 2019901090 ( 12AN )

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

**2019**

2019250133 **Burrows, K.** Provisional Number: 2019904807

**Assignments before Grant, Section 113**

**1998**

1998089144 E.I. Du Pont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**1999**

1999038996 E.I. Du Pont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2000**

2000080291 E.I. Du Pont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2003**

2003236482 E.I. Du Pont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2003297403 Ocean Spray Cranberries Inc.; Kornick, Lindsay; E.I. Du Pont de Nemours and Company The application has been assigned to **Ocean Spray Cranberries Inc.; Kornick, Lindsay; Performance Materials NA, Inc.**

**2004**

2004228670 E.I. Dupont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2004228671 E.I. Dupont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2004299510 E.I. Dupont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2005**

2005267833 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2006**

2006210987 E.I. Dupont De Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2006249382 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**Assignments before Grant, Section 113**

2006249383 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2006265045 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2006332769 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2006332770 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2008**

2008272943 E.I. DU PONT DE NEMOURS AND COMPANY The application has been assigned to **Performance Materials NA, Inc.**

**2009**

2009204056 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2009244157 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2009316372 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2010**

2010340050 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2012**

2012225537 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

2012328677 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2013**

2013222162 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**

**2014**

2014304208 BOUNIVERSA Srl The application has been assigned to **INTREPIDA BIO, INC.**

2014378717 ABB HV Cables (Switzerland) GmbH The application has been assigned to **NKT HV Cables AB**

2014412382 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**

**2015**

2015314257 Gro-Group International Ltd The application has been assigned to **MAYBORN (UK) LIMITED**

2015338933 Muldoon, Cecilia The application has been assigned to **Ve-riVin Ltd.**

**Assignments before Grant, Section 113**

- 2015339507 Inhibrx, LP The application has been assigned to **Inhibrx, Inc.**
- 2015390863 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2015397106 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2015397335 Hive Technology The application has been assigned to **BSMART DIGITAL LIMITED**
- 2015400020 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2015401631 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2015401841 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2015415509 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**

**2016**

- 2016216571 THOMSEN, Garry The application has been assigned to **Silvertip Towers LLC**
- 2016221634 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2016269630 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**
- 2016269848 NewSouth Innovations Pty Limited The application has been assigned to **Intravital Pty Ltd**
- 2016278150 Aspen Medical Partners, LLC The application has been assigned to **Fiji Manufacturing, LLC**
- 2016406180 NKT HV Cables GmbH The application has been assigned to **NKT HV Cables AB**

**2017**

- 2017201249 Cloak and Letter LLC The application has been assigned to **Fechser, Ted**
- 2017206156 Gro-Group Holdings Limited The application has been assigned to **MAYBORN (UK) LIMITED**
- 2017253942 Flinders University of South Australia The application has been assigned to **Clean Earth Technology Pty Ltd**
- 2017274131 Medshine Discovery Inc. The application has been assigned to **QILU PHARMACEUTICAL CO., LTD.**
- 2017346401 Princeton Enduring Biotech, Inc. The application has been assigned to **Shenzhen Enduring Biotech, Ltd.**

**Assignments before Grant, Section 113**

- 2017387145 MOVUS Australia Pty Ltd The application has been assigned to **MOVUS Technologies Pty Ltd**
- 2017416079 Beijing Didi Infinity Technology and Development Co., Ltd. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2017417170 Beijing Didi Infinity Technology and Development Co., Ltd. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2017418042 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2017418043 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2017421869 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2017421870 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**

- 2017431764 Fowler, Austin The application has been assigned to **Google LLC**

**2018**

- 2018204556 The Trustees of Princeton University; Hopkins, Adam The application has been assigned to **Uniformity Labs, Inc.; The Trustees of Princeton University**
- 2018214012 Hilsley, Barrington; Hilsley, Ethan The application has been assigned to **Physical 2 Digital Limited**
- 2018223297 Styrac, Jacek The application has been assigned to **2724889 Ontario, Inc.**
- 2018224043 Hilsley, Barrington; Hilsley, Ethan; Cybaseal, Ltd. The application has been assigned to **Physical 2 Digital Limited**
- 2018250435 EMNEVE PTY LIMITED The application has been assigned to **Controlling Power Pty Limited; SMS Electrical Products Pty Ltd**
- 2018260902 Sicko, Jochen; Sicko, Carlo The application has been assigned to **Sicko GmbH**
- 2018286585 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2018286588 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**
- 2018286593 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**



**Assignments before Grant, Section 113**

2018286610 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**

2018286612 BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. The application has been assigned to **Beijing Voyager Technology Co., Ltd.**

2018297168 BioProtonics, LLC The application has been assigned to **BIOPROTONICS, INC.**

2018310983 Tsien, Wendy; The Regents of the University of California The application has been assigned to **The Regents of the University of California**

**2019**

2019202886 ResMed R&D Germany GmbH The application has been assigned to **ResMed Pty Ltd**

2019202904 Inhibrx, LP The application has been assigned to **Inhibrx, Inc.**

2019222850 McNally, Elizabeth; Ceco, Ermelinda; Heydemann, Ahlke The application has been assigned to **Ikaika Therapeutics, LLC**

2019900904 Suitor, Odette The application has been assigned to **Grain Storage Pty Ltd**

2019901135 Flinders University of South Australia The application has been assigned to **Clean Earth Technology Pty Ltd**

**2020**

2020200846 ACETYLON PHARMACEUTICALS, INC. The application has been assigned to **Regenacy Pharmaceuticals, LLC**

**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.

**2004**

2004202965 **Milligan, M.** An application to extend the time from 02 Jul 2019 to 02 Feb 2020 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2013**

2013263469 **Grade Group AS** An application to extend the time from 15 May 2019 to 15 Mar 2020 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2013285663 **Mumdrop Holdings Limited** An application to extend the time from 18 Jan 2019 to 18 Jan 2020 in which to pay a renewal fee has been filed . Address for service - Jennifer Lucas 11 Bridgeview Road Karaka Papakura 2113 NZ

**Extensions of Time, Section 223**

**2016**

2016262345 **Microsoft Technology Licensing, LLC** An application to extend the time from 01 Dec 2019 to 01 Apr 2020 in which to request Examination has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2018**

2018204922 **TMS Global Services Pty Ltd** An application to extend the time from 07 Sep 2018 to 07 Feb 2020 in which to pay the filing fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2014**

2014224104 **Zannis, E.** The time in which to gain acceptance has been extended to 31 Mar 2020 . Address for service - Anderson IP PO BOX 99 Nyora VIC 3987 AU

**2015**

2015237772 **Franklin Aharon, A.** The time in which to gain acceptance has been extended to 18 Apr 2020 . Address for service - Amitai Aharon Franklin 4 Banool Cct Ocean Shores NSW 2483 AU

**2016**

2016244067 **The Climate Corporation** The time in which to request Examination has been extended to 03 Apr 2020 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2016257142 **360 Pop Up Gym Pty Ltd** The time in which to request examination has been extended to 24 Feb 2020 . Address for service - 360 POP UP GYM PTY LTD 1 Marloo Ct Buddina QLD 4575 AU

2016365760 **Lestido Sarasola, J.M.** The time in which to request Examination has been extended to 05 Mar 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2020**

2020201057 **Novartis AG** The time in which to make a further application for a divisional patent has been extended to 12 Mar 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments**

**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

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.

**2001**

2001258054 Accelerator pedal with braking action **Olofsson, E.** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2019 .

**Amendments**

Address for service - Wallington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

**2014**

2014346342 Compositions and methods for producing genetically modified animals **Ozgene Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 03 Mar 2020 . Address for service - Davies Collision Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2014349010 Process of preparing pharmaceutical compositions for the treatment of CFTR mediated diseases **Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statement(s) filed 02 Mar 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2015**

2015346110 Apparatus and method for expanding a slit sheet material to form an expanded packaging product **Ranpak Corporation** The nature of the amendment is: Amend the name of the inventor to read Cheich, Robert; Demers, Raimond; Hubertus, Cals; Urban, Peter; Page, Brandon C.; Zenoz, Richard S. and Espinoza, Daniel A. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016235147 Antimicrobial peptides and methods of use thereof **Riptide Bioscience, Inc.** The nature of the amendment is: Add inventor Woodburn, Kathryn . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

2016389707 Non-intrusive process fluid temperature calculation system **Rosemount Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017293206 Electrostatic adsorbable laminated sheet and display material **Yupo Corporation** The nature of the amendment is as shown in the statement(s) filed 26 Feb 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017302034 Polymer-based antimicrobial compositions and methods of use thereof **Exion Labs Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018201363 Pyrazine derivatives useful as inhibitors of ATR kinase **Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2020 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2018201900 Supplemented fish feed **NeemCo Limited** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2020 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

2018348322 Asymmetric key management in consortium blockchain networks **Alibaba Group Holding Limited** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2020 . Address for service - Pizzeyes

**Amendments**

Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2019**

2019219870 Hydroponic nutrient aeration and flow control device and system **Flow-Rite Controls, Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Mar 2020 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments Made****2014**

2014249148 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read TRANSGENIC MICE EXPRESSING CHIMERIC MAJOR HISTOCOMPATIBILITY COMPLEX (MHC) CLASS II MOLECULES

2014332171 **Celgene Corporation** The nature of the amendment is as shown in the statement filed 09 Dec 2019

**2015**

2015270456 **Evoqua Water Technologies LLC** The nature of the amendment is as shown in the statement filed 03 Mar 2020

2015366444 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read Schwaegerl, Martina; Maier, Claire; Hanle, Christoph and Lagarrigue-Gojani, Sophie

**2016**

2016266557 **Listat Ltd.** The nature of the amendment is: Amend the name of the inventor to read Williams, Richard K.; Verzun, Ievgen and Holub, Oleksandr

2016266933 **DuPont Nutrition Biosciences ApS** The nature of the amendment is: Amend the name of the inventor to read Cramer, Jacob Flyvholm; Jensen, Lene Bojsen; Kellett-Smith, Anja Hemmingsen; Bladt, Tove and Lee, Sang-Kyu

2016271299 **Calgon Carbon Corporation** The nature of the amendment is: Amend the name of the inventor to read Honore, Franck Michel and Ryan, Thomas Anthony

2016278746 **Dentsply DeTrey GmbH** The nature of the amendment is: Amend the name of the inventor to read Renn, Caroline; Elsner, Oliver; Gansel, Julia; Scheufler, Christian; Walz, Uwe; Klee, Joachim; Maier, Maximilian and Weber, Christoph

2016334378 **3M Innovative Properties Company; Radius Health, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hattersley, Gary; Harris, Alan; Saeh, Jamal; Hamed, Ehab; Brown, Kenneth; Dohmeier, Daniel; Moseman, Joan; Zhang, Ying and Dick, Lisa

**2017**

2017202253 **MTD Products Inc** The nature of the amendment is as shown in the statement filed 09 Dec 2019

2017226126 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Steel material and oil-well steel pipe

**Amendments**

2017226127 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Steel material and oil-well steel pipe

2017232206 **Global Blood Therapeutics, Inc.; The Regents of the University of California** The nature of the amendment is as shown in the statement filed 04 Dec 2019

2017272259 **Axon Neuroscience SE** The nature of the amendment is: Amend the invention title to read Protein-based therapy and diagnosis of tau-mediated pathology in Alzheimer's disease

2017289293 **Ansell Limited** The nature of the amendment is: Amend the name of the inventor to read Mathota, Mathotarallage Amani Rasika; Thompson, Eric Michael; Moreland, James Hunter; Thompson, James Patrick; Camargo Martinez, Mario Emanuel; Jayasundara, Chamila; Freena, Fathimathul and Rathnaweera, Rathnaweera Patabendige Santhushta

2017291507 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is: Amend the name of the inventor to read Ariagno, Scott Richard; Muriset, Angela Teresa; Roush, Daniel Edward; Alexander, Denise A.; Gibson, Madeleine Clare and Chen, Gin-Fu

2017354900 **UCL Business PLC; Natera, Inc.** The nature of the amendment is as shown in the statement filed 04 Mar 2020

2017418380 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air conditioning system

2017423343 **Lacuna S.A.** The nature of the amendment is as shown in the statement filed 03 Mar 2020

2017429200 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DISPLAY METHOD AND APPARATUS

**2018**

2018201815 **Joy Global Underground Mining LLC** The nature of the amendment is as shown in the statement(s) filed 03 Mar 2020

2018208625 **Mayerle, D.** The nature of the amendment is as shown in the statement filed 11 Nov 2019

2018229465 **4 Season Company Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Olsson, Charles Robert

2018261003 **Voyager Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 24 Feb 2020

2018283266 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Terminal apparatus, base station apparatus, communication method, and integrated circuit

2018286127 **Sharp Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Radio configuration method and corresponding user equipment

2018291021 **Bristol-Myers Squibb Company** The nature of the amendment is: Amend the invention title to read Substituted Quinolinyloxypropanamide Compounds And Improved Methods For Their Preparation

**Amendments**

2018291137 **University of South Florida** The nature of the amendment is as shown in the statement filed 11 Mar 2020

2018303796 **Mast Group Limited** The nature of the amendment is: Amend the name of the inventor to read WONG, Ken Jin and WILLIAMS, David Hugh

2018307356 **Locus Agriculture IP Company, LLC** The nature of the amendment is as shown in the statement filed 06 Mar 2020

2018313729 **Pharmag AS** The nature of the amendment is: Amend the invention title to read Live fish processing system, and associated method

2018314123 **Lopa, F.** The nature of the amendment is: Amend the invention title to read PHYTOCHEMICAL EXTRACTION SYSTEM AND METHODS TO EXTRACT PHYTOCHEMICALS FROM PLANTS INCLUDING PLANTS OF THE FAMILY CANNABACEAE SENSU STRICTO

2018318982 **Omeros Corporation; University of Leicester** The nature of the amendment is as shown in the statement filed 03 Mar 2020

2018323281 **Tosoh Corporation** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2020

2018325058 **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read CHARGING SYSTEM FOR AUTONOMOUS UNDERWATER VEHICLE AND METHOD OF LIFTING AND RECOVERING AUTONOMOUS UNDERWATER VEHICLE

2018326211 **BASF Coatings GmbH** The nature of the amendment is: Amend the invention title to read Measuring and mixing devices

2018326427 **Kemira OYJ** The nature of the amendment is as shown in the statement filed 27 Feb 2020

2018334597 **CLO2 Lab Inc.** The nature of the amendment is: Amend the invention title to read Chlorine Dioxide Gas Generating Method, Liquid Composition, Gel Composition, and Chlorine Dioxide Gas Generating Kit

2018340720 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read SCHEDULING REQUEST CONFIGURATION METHOD AND SENDING METHOD, AND CORRESPONDING APPARATUS

**2019**

2019100677 **Sunbeam Corporation Pty Ltd** The nature of the amendment is as shown in the statement filed 14 Nov 2019

2019203496 **NOWWW.US PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Anson, Mark Rodney and Roman-Miller, Lance Arthur

2019213436 **Transimmune AG; Yale University** The nature of the amendment is as shown in the statement(s) filed 23 Aug 2019

2019226990 **Golden Homes Holdings Limited** The nature of the amendment is as shown in the statement filed 24 Feb 2020

**Amendments**

**2020**

2020201208 **Monsanto Technology LLC** The nature of the amendment is as shown in the statement filed 21 Feb 2020

2020900685 **Mesoblast International Sarl** The nature of the amendment is: Amend the invention title to read Method for treating inflammatory lung diseases using mesenchymal lineage precursor or stem cells

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

**2002**

2002010077 **Safepay Australia Pty Limited** The name of the patentee has been altered to **Anzenpay Pty Limited**

**2003**

2003227107 **Dolomatrix International Limited** The name of the patentee has been altered to **Dolomatrix Australia Pty Ltd**

2003304497 **Wyeth** The name of the patentee has been altered to **Wyeth LLC**

**2015**

2015208322 **Evonik Oil Additives GmbH** The name of the patentee has been altered to **Evonik Operations GmbH**

2015292793 **Prime Datum Development Comapny, LLC** The name of the applicant has been altered to **Prime Datum Development Company, LLC**

2015388868 **Nanjing Tengya Precise Technology Development Co., Ltd** The name of the patentee has been altered to **Nanjing Toua Hardware&Tools Co.,Ltd**

**2016**

2016202675 **Tyco Electronics Energy Pty Ltd** The name of the applicant has been altered to **TE Connectivity Australia Pty Ltd**

2016209370 **GE Oil Gas Pressure Control LP** The name of the applicant has been altered to **GE OIL & GAS PRESSURE CONTROL LP**

2016264113 **Deer & Company** The name of the applicant has been altered to **Deere & Company**

2016275066 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

2016276972 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

2016276974 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

2016282475 **Pellenc (Société Anonyme)** The name of the applicant has been altered to **Pellenc (SAS)**

2016304892 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

**Amendments**

2016321414 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

2016321425 **Parabel Ltd.** The name of the applicant has been altered to **Parabel Nutrition, Inc.**

**2017**

2017307685 **IHI Corporation; Osaka City University** The name of the applicant has been altered to **IHI Corporation; University Public Corporation Osaka**

**2018**

2018204452 **Zodiac Pool Systems, Inc.** The name of the applicant has been altered to **Zodiac Pool Systems LLC**

2018220865 **Smith & Nephew Pte. Limited** The name of the applicant has been altered to **Smith & Nephew Asia Pacific Pte. Limited**

2018256459 **Kyn Therapeutics** The name of the applicant has been altered to **Ikena Oncology, Inc.**

2018312114 **Combat Sensel, Llc d/b/a Superherology** The name of the applicant has been altered to **Combat Sensei, LLC D/B/A Superherology**

2018341327 **The Board of Trustees of the Leland Stanford Junior University; Eric A. Appel; Anthony C. Yu** The name of the applicant has been altered to **The Board of Trustees of the Leland Stanford Junior University**

**2020**

2020200995 **Gilead Science, Inc.** The name of the applicant has been altered to **Gilead Sciences, Inc.**

2020201257 **Vista Outdorr Operations LLC** The name of the applicant has been altered to **Vista Outdoor Operations LLC**

2020201360 **Eris Technology Pty Ltd Pty Ltd** The name of the applicant has been altered to **REBUS CORPORATION PTY LTD**

2020201369 **Gilead Science, Inc.** The name of the applicant has been altered to **Gilead Sciences, Inc.**

**Amendments Made Under Section 105**

Court Order by the Federal Court of New South Wales, NSD859/2019 Australian Patent/Patent Application 2013204752 in the name of Novartis AG The amendments advertised in the Official Journal of Patents dated 25 Jul 2019 have been made in accordance with a Court Order 24 Feb 2020 .

Applications Open to Public Inspection

Name Index

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

---

(71) AbbVie Inc.  
 (11) AU-A-2020201656  
 (21) 2020201656 (22) 05.03.2020  
 (54) Combination of direct acting antiviral agents and ribavirin for treating HCV patients  
 (51) Int. Cl.  
 A61K 31/454 ( 2006.01 )  
 A61K 31/4985 ( 2006.01 )  
 A61K 31/7056 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 31/22 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202581  
 (72) BERNSTEIN, Barry M.; DUTTA, Sandeep; LIU, Wei; PODSADECKI, Thomas J.; CAMPBELL, Andrew L.; MENON, Rajeev M.; LIN, Chih-Wei; WANG, Tianli; AWNI, Walid M.  
 (74) Spruson & Ferguson

---

(71) Accenture Global Solutions Limited  
 (11) AU-A-2019216639  
 (21) 2019216639 (22) 14.08.2019  
 (54) PIPING AND INSTRUMENTATION PLANNING AND MAINTENANCE SYSTEM  
 (51) Int. Cl.  
 G06F 30/00 ( 2020.01 )  
 G06F 30/18 ( 2020.01 )  
 G06K 9/62 ( 2006.01 )  
 G06N 5/02 ( 2006.01 )  
 G06Q 10/06 ( 2012.01 )  
 (31) 16/124,959 (32) 07.09.18 (33) US  
 (43) 26.03.2020  
 (72) TUNG, Teresa Sheausan; CHATELAIN, Jean-Luc; WEICHENBERGER, Jurgen Albert; GREWAL, Ishmeet Singh  
 (74) Murray Trento & Associates Pty Ltd

---

(71) Accenture Global Solutions Limited  
 (11) AU-A-2020201712  
 (21) 2020201712 (22) 06.03.2020  
 (54) PRESCRIPTIVE ANALYTICS BASED COMMITTED COMPUTE RESERVATION STACK FOR CLOUD COMPUTING RESOURCE SCHEDULING  
 (51) Int. Cl.  
 G06Q 10/06 ( 2012.01 )  
 G06F 9/00 ( 2006.01 )  
 G06F 17/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018250388  
 (72) Srinivasan, Madhan Kumar; Purushothaman, Arun; Kolachalam, Manish Sharma; Eisenstein, Michael S.  
 (74) Murray Trento & Associates Pty Ltd

(71) Alibaba Group Holding Limited  
 (11) AU-A-2020201662  
 (21) 2020201662 (22) 05.03.2020  
 (54) FACE LIVENESS DETECTION METHOD AND APPARATUS, AND ELECTRONIC DEVICE  
 (51) Int. Cl.  
 G06K 9/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018280235  
 (72) Ma, Chenguang  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Allergan, Inc.  
 (11) AU-A-2020201778  
 (21) 2020201778 (22) 11.03.2020  
 (54) Prostaglandin-containing intraocular implants and methods of use thereof  
 (51) Int. Cl.  
 A61K 9/16 ( 2006.01 )  
 A61K 31/5575 ( 2006.01 )  
 A61K 47/10 ( 2006.01 )  
 A61K 47/34 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014342017  
 (72) Ghebremeskel, Alazar N.; Robinson, Michael R.  
 (74) Davies Collison Cave Pty Ltd

---

(71) ALSTOM Transport Technologies  
 (11) AU-A-2019222941  
 (21) 2019222941 (22) 30.08.2019  
 (54) Electric energy consumption optimization method of a plurality of vehicles, associated computer product program, and driving and supervision automatic systems  
 (51) Int. Cl.  
 B61L 27/00 ( 2006.01 )  
 G05D 3/20 ( 2006.01 )  
 (31) 18 58007 (32) 06.09.18 (33) FR  
 (43) 26.03.2020  
 (72) Ballesteros, Javier; Paiva, Felipe  
 (74) Davies Collison Cave Pty Ltd

---

(71) Altus NZ Limited  
 (11) AU-A-2020201690  
 (21) 2020201690 (22) 06.03.2020  
 (54) IMPROVEMENTS IN OR RELATING TO WINDOW STAYS  
 (51) Int. Cl.  
 E05D 15/40 ( 2006.01 )  
 E05D 15/32 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2019216641  
 (72) Holden, Ronald; Couzyn, Nolan Lloyd; Wadia, Farrokh  
 (74) James & Wells Intellectual Property

(71) Amazon Technologies, Inc.  
 (11) AU-A-2020201660  
 (21) 2020201660 (22) 05.03.2020  
 (54) VIRTUALIZING GRAPHICS PROCESSING IN A PROVIDER NETWORK  
 (51) Int. Cl.  
 G06F 9/50 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016304864  
 (72) Wilt, Nicholas Patrick; Tambe, Ashutosh; Burns, Nathan Lee; Bshara, Nafea  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Apple Inc.  
 (11) AU-A-2019222936  
 (21) 2019222936 (22) 30.08.2019  
 (54) Scaling physiological signals  
 (51) Int. Cl.  
 G01N 27/00 ( 2006.01 )  
 (31) 62/729,288 (32) 10.09.18 (33) US  
 201914034728 28.08.19 IN  
 (43) 26.03.2020  
 (72) MOLLAZADEH, Mohsen; BRITAIN, Roxanne; WAHABI, Saeid  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-A-2020201648  
 (21) 2020201648 (22) 05.03.2020  
 (54) Devices, methods, and graphical user interfaces for manipulating user interface objects with visual and/or haptic feedback  
 (51) Int. Cl.  
 G06F 3/0488 ( 2013.01 )  
 G06F 3/041 ( 2006.01 )  
 G06F 3/0482 ( 2013.01 )  
 G06F 3/0485 ( 2013.01 )  
 (43) 26.03.2020  
 (62) 2018204234  
 (72) CHAUDHRI, Imran A.; DE VRIES, Nathan; BAUER, Sebastian J.; ALONSO RUIZ, Marcos; KOCIENDA, Kenneth L.; VERWEIJ, Hugo D.; BEHZADI, Arian; MOHSENI, Daamun; HAFENEGGER, Stefan; BROWN, Matthew I.; SOLI, Christopher D.; FAMILY, Afrooz; ANZURES, Freddy A.; GRAHAM, David C.; DASCOLA, Jonathan R.; TYLER, William M.; DELLINGER, Richard R.; WINER, Morgan H.; FOSS, Christopher P.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-A-2020201721  
 (21) 2020201721 (22) 09.03.2020  
 (54) Image data for enhanced user interactions  
 (51) Int. Cl.  
 G06F 17/00 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 26.03.2020  
 (62) 2017330208  
 (72) BEREZA, Marek; GIRLING, Lukas Robert Tom; MALIA, Joseph A.; BERNSTEIN, Jeffrey Traer; LINDMEIER, William D.; HAUENSTEIN, Mark; BERENSON, Adi; HOFFNUNG, Amir; MISSIG, Julian  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020201723  
 (21) 2020201723 (22) 09.03.2020  
 (54) Configuring context-specific user interfaces  
 (51) Int. Cl.  
 G06F 3/048 ( 2013.01 )  
 (43) 26.03.2020  
 (62) 2017277851  
 (72) WILSON, Eric Lance; BROUGHTON, Lee S.; WILSON, Christopher  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Araim Pharmaceuticals, Inc.  
 (11) AU-A-2020201658  
 (21) 2020201658 (22) 05.03.2020  
 (54) TISSUE PROTECTIVE PEPTIDES AND USES THEREOF  
 (51) Int. Cl.  
 A61K 38/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017235931  
 (72) Cerami, Anthony; Coleman, Thomas; Brines, Michael  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020201714  
 (21) 2020201714 (22) 08.03.2020  
 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM  
 (51) Int. Cl.  
 A63F 13/45 ( 2014.01 )  
 A63F 13/40 ( 2014.01 )  
 (43) 26.03.2020  
 (62) 2018200944  
 (72) BRAMBLE, Paul Francis Jason  
 (74) Griffith Hack
- 
- (71) Arvinas, Inc.  
 (11) AU-A-2020201792  
 (21) 2020201792 (22) 11.03.2020  
 (54) COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF ANDROGEN RECEPTOR  
 (51) Int. Cl.  
 C07D 233/86 ( 2006.01 )  
 A61K 31/4164 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
 C07D 401/04 ( 2006.01 )  
 C07D 471/10 ( 2006.01 )  
 C07D 491/107 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017341723  
 (72) Crew, Andrew P.; Hornberger, Keith R.; Snyder, Lawrence B.; Zimmermann, Kurt; Wang, Jing; Berlin, Michael; Crews, Craig M.; Dong, Hanqing  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Arvinas Operations, Inc.  
 (11) AU-A-2020201793  
 (21) 2020201793 (22) 11.03.2020  
 (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS  
 (51) Int. Cl.  
 C07D 417/14 ( 2006.01 )  
 A61K 31/4725 ( 2006.01 )  
 C07D 401/14 ( 2006.01 )  
 C07D 403/14 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017366693  
 (72) Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing; Hornberger, Keith R.; Crews, Craig M.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Astute Medical, Inc.  
 (11) AU-A-2020201732  
 (21) 2020201732 (22) 10.03.2020  
 (54) Methods and compositions for diagnosis and prognosis of renal injury and renal failure  
 (51) Int. Cl.  
 G01N 33/566 ( 2006.01 )  
 C12M 1/34 ( 2006.01 )  
 C40B 30/04 ( 2006.01 )  
 C40B 60/12 ( 2006.01 )  
 G01N 33/573 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014207509  
 (72) ANDERBERG, Joseph; GRAY, Jeff; MCPHERSON, Paul; NAKAMURA, Kevin; KAMPF, James Patrick  
 (74) FB Rice Pty Ltd
- 
- (71) Aura Biosciences, Inc.; The United States of America, as Represented by the Secretary, Department of Health and Human Services  
 (11) AU-A-2020201799  
 (21) 2020201799 (22) 11.03.2020  
 (54) Virus-Like Particle Conjugates For Diagnosis And Treatment Of Tumors  
 (51) Int. Cl.  
 A61K 39/42 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014323424  
 (72) DE LOS PINOS, Elisabet; SCHILLER, John T.; KINES, Rhonda C.; MACDOUGALL, John  
 (74) WRAYS PTY LTD
- 
- (71) Ausco Products, Inc.  
 (11) AU-A-2019226200  
 (21) 2019226200 (22) 05.09.2019  
 (54) Stator pad assembly  
 (51) Int. Cl.  
 F16D 65/092 ( 2006.01 )  
 (31) 62/728,448 (32) 07.09.18 (33) US  
 62/728,285 07.09.18 US
- 
- (71) Ausco Products, Inc.  
 (11) AU-A-2019226208  
 (21) 2019226208 (22) 05.09.2019  
 (54) Spring applied hydraulic released brake  
 (51) Int. Cl.  
 F16D 55/22 ( 2006.01 )  
 B60T 13/22 ( 2006.01 )  
 F16D 65/18 ( 2006.01 )  
 (31) 62/728,285 (32) 07.09.18 (33) US  
 62/728,448 07.09.18 US  
 62/728,122 07.09.18 US  
 (43) 26.03.2020  
 (72) Crawford, Norman D.; Hoar, Jeremy A.; Dennis, Brian P.; Dodd, Kenneth A.; Palmer-Coleman, LynRoy T.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Avalyn Pharma Inc.  
 (11) AU-A-2020201557  
 (21) 2020201557 (22) 03.03.2020  
 (54) AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS  
 (51) Int. Cl.  
 A61K 9/72 ( 2006.01 )  
 A61K 31/44 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018206852  
 (72) Surber, Mark William  
 (74) AJ PARK
- 
- (71) BAI, B.  
 (11) AU-A-2018226494  
 (21) 2018226494 (22) 07.09.2018  
 (54) A Circulation System for Heating and Cooling  
 (51) Int. Cl.  
 F24S 10/75 ( 2018.01 )  
 (43) 26.03.2020  
 (72) BAI, Bing  
 (74) Alder IP Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2020201767  
 (21) 2020201767 (22) 11.03.2020

Applications Open to Public Inspection - Name Index cont'd

- (54) Air stop membrane for maintaining a fluid column in an IV set  
 (51) Int. Cl.  
**A61M 5/14** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016211687  
 (72) Whitaker, Weston O.; Staley, Shaun; Munoz, Marcelino; Larsen, Jon  
 (74) FB Rice Pty Ltd
- 
- (71) Biomedical Concepts LLC; D.T.R. Dermal Therapy Research Inc.  
 (11) AU-A-2020201781  
 (21) 2020201781 (22) 11.03.2020  
 (54) COMPOSITION, SYSTEM AND METHOD FOR TREATING SKIN  
 (51) Int. Cl.  
**A61K 35/64** ( 2006.01 )  
**A61K 8/04** ( 2006.01 )  
**A61K 8/19** ( 2006.01 )  
**A61K 8/66** ( 2006.01 )  
**A61K 8/67** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/98** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 31/723** ( 2006.01 )  
**A61K 33/00** ( 2006.01 )  
**A61K 35/644** ( 2015.01 )  
**A61K 36/61** ( 2006.01 )  
**A61K 38/48** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014353853  
 (72) PERLMUTTER, Alan Lorne; LEAMAN JR., Donald H.  
 (74) Halfords IP
- 
- (71) BIOTRONIK SE & Co. KG  
 (11) AU-A-2019222869  
 (21) 2019222869 (22) 28.08.2019  
 (54) Sealing ring made of a high-performance thermoplastic material and liquid silicone  
 (51) Int. Cl.  
**A61N 1/375** ( 2006.01 )  
**H01R 13/17** ( 2006.01 )  
**H01R 13/187** ( 2006.01 )  
**H01R 24/58** ( 2011.01 )  
 (31) 18194056.0 (32) 12.09.18 (33) EP  
 (43) 26.03.2020  
 (72) HARTMANN-BAX, Kathy; LEHMANN, Stefan  
 (74) Griffith Hack
- 
- (71) Breakthrough Innovations, LLC  
 (11) AU-A-2020201645  
 (21) 2020201645 (22) 05.03.2020  
 (54) WEARABLE REMOTE SPEAKER MIC HOLDER, RADIO SUPPORT, AND SYSTEM COMPRISING THE SAME  
 (51) Int. Cl.  
**A41D 27/22** ( 2006.01 )
- 
- (43) 26.03.2020  
 (62) 2015200929  
 (72) MADDOX, Doug; SHROYER, Trent B.; SEITZ, Nicholas R.  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) British American Tobacco (Investments) Limited  
 (11) AU-A-2020201666  
 (21) 2020201666 (22) 05.03.2020  
 (54) Article for use in apparatus for heating smokable material  
 (51) Int. Cl.  
**A24D 1/02** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017266398  
 (72) England, Will; Woodman, Tom; Phillips, Jeremy; Gomez, Pablo Javier Ballesteros  
 (74) Shelston IP Pty Ltd.
- 
- (71) Bruckbauer, W.  
 (11) AU-A-2019222957  
 (21) 2019222957 (22) 30.08.2019  
 (54) Wall sleeve system for a ventilation system  
 (51) Int. Cl.  
**F24F 13/08** ( 2006.01 )  
 (31) 10 2018 215 410.4 (32) 11.09.18 (33) DE  
 (43) 26.03.2020  
 (72) Adlmaier, Martin; Goessler, Siegfried; Immerz, Anja  
 (74) Gestalt Law Pty Ltd
- 
- (71) Bruin Biometrics, LLC  
 (11) AU-A-2020201790  
 (21) 2020201790 (22) 11.03.2020  
 (54) Bisymmetric comparison of sub-epidermal moisture values  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/053** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018217182  
 (72) Burns, Martin F.; Barrington, Sara; Ross, Graham O.  
 (74) Spruson & Ferguson
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2020201759  
 (21) 2020201759 (22) 10.03.2020  
 (54) Method and apparatus for generating a virtual image from a viewpoint selected by the user, from a camera array with transmission of foreground and background images at different frame rates  
 (51) Int. Cl.  
**H04N 13/00** ( 2006.01 )  
**H04N 5/222** ( 2006.01 )  
**H04N 5/247** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017270402  
 (72) Yano, Tomohiro; Handa, Masahiro; Aizawa, Michio; Mizuno, Shogo; Tanaka, Katsumasa; Matsushita, Akihiro; Morisawa, Keisuke; Komiyama, Mai; Fujii, Kenichi; Date, Atsushi  
 (74) Spruson & Ferguson
- 
- (71) Cardinal Health Switzerland 515 GmbH  
 (11) AU-A-2020201705  
 (21) 2020201705 (22) 06.03.2020  
 (54) STENT CANNULATION GUIDING DEVICE FOR BIFURCATED STENT AND METHOD OF USE  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61M 29/02** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202589  
 (72) Fleming, James A.  
 (74) Griffith Hack
- 
- (71) Carling Technologies, Inc.  
 (11) AU-A-2019210620  
 (21) 2019210620 (22) 01.08.2019  
 (54) Circuit Breaker With Slide To Test Function  
 (51) Int. Cl.  
**H02H 1/00** ( 2006.01 )  
 (31) 16/123,557 (32) 06.09.18 (33) US  
 (43) 26.03.2020  
 (72) Fasano, Michael; Bugryn, James  
 (74) Walker IP
- 
- (71) Carling Technologies, Inc.  
 (11) AU-A-2019210625  
 (21) 2019210625 (22) 01.08.2019  
 (54) Remote Operated Ground Fault Circuit Breaker  
 (51) Int. Cl.  
**H02H 1/00** ( 2006.01 )  
 (31) 16/123,627 (32) 06.09.18 (33) US  
 (43) 26.03.2020  
 (72) Fasano, Michael; Corder, Simon; Frederick, William P.  
 (74) Walker IP
- 
- (71) Carnival Corporation  
 (11) AU-A-2020201741  
 (21) 2020201741 (22) 10.03.2020  
 (54) Devices and accessories for use in wireless guest engagement systems  
 (51) Int. Cl.  
**H04W 12/08** ( 2009.01 )  
**G07C 9/00** ( 2006.01 )  
**H04B 1/034** ( 2006.01 )  
**H04B 1/3888** ( 2015.01 )  
**H04W 4/00** ( 2018.01 )  
**H04W 4/02** ( 2018.01 )  
 (43) 26.03.2020  
 (62) 2017358533  
 (72) Padgett, John; Jungen, Michael G.; Steele, Douglas; Prestenback, Kyle; Criado, Richard J.; Ball, Vince; Leonards, Adam; Curtis, Glenn; Vellon, Manny; Mendiuk, Patrick; Lam, Sander  
 (74) In-Legal Limited
- 
- (71) Carnival Corporation  
 (11) AU-A-2020201742  
 (21) 2020201742 (22) 10.03.2020  
 (54) Devices and accessories for use in wireless guest engagement systems  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**H04W 12/08** ( 2009.01 )  
**G07C 9/00** ( 2006.01 )  
**H04B 1/034** ( 2006.01 )  
**H04B 1/3888** ( 2015.01 )  
**H04W 4/00** ( 2018.01 )  
**H04W 4/02** ( 2018.01 )  
**(43)** 26.03.2020  
**(62)** 2017358533  
**(72)** Padgett, John; Jungen, Michael G.; Steele, Douglas; Prestenback, Kyle; Criado, Richard J.; Ball, Vince; Leonards, Adam; Curtis, Glenn; Vellon, Manny; Mendiuk, Patrick; Lam, Sander  
**(74)** In-Legal Limited

**(71)** Cascade Corporation  
**(11)** AU-A-2020201665  
**(21)** 2020201665 **(22)** 05.03.2020  
**(54)** Wireless power transfer and communications for industrial equipment  
**(51)** Int. Cl.  
**B66F 9/18** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2018260913  
**(72)** NAGLE, Gregory A.; MCKERNAN, Pat S.  
**(74)** Spruson & Ferguson

**(71)** CASIO COMPUTER CO., LTD.  
**(11)** AU-A-2020201748  
**(21)** 2020201748 **(22)** 10.03.2020  
**(54)** Medical imaging device  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2018202243  
**(72)** HOUJOU, Yoshiharu; ISHIBASHI, Jumpei; MATSUO, Katsuyuki; AOKI, Nobuhiro  
**(74)** Griffith Hack

Chen, C. see Su, C.  
**(21)** 2020201681

**(71)** China Enfi Engineering Corporation  
**(11)** AU-A-2019222853  
**(21)** 2019222853 **(22)** 28.08.2019  
**(54)** Method of nickel-cobalt hydroxide hydrometallurgical extraction from laterite-nickel ore  
**(51)** Int. Cl.  
**C22B 3/08** ( 2006.01 )  
**C22B 3/44** ( 2006.01 )  
**C22B 23/00** ( 2006.01 )  
**(31)** 201811045949.8 **(32)** 07.09.18 **(33)** CN  
**(43)** 26.03.2020  
**(72)** SUN, Ninglei; LIU, Suning; LI, Yong; DING, Jian; QIN, Lijuan; CAO, Min  
**(74)** Allens Patent & Trade Mark Attorneys

China International Marine Containers (Group) Ltd. see Nantong CIMC-Special Transportation Equipment Manufacture Co., Ltd.  
**(21)** 2019222881

**(71)** Christianson Systems, Inc.  
**(11)** AU-A-2019229356  
**(21)** 2019229356 **(22)** 11.09.2019  
**(54)** FREEWHEELING HUB SYSTEM  
**(51)** Int. Cl.  
**F16D 41/00** ( 2006.01 )  
**(31)** 62/730,418 **(32)** 12.09.18 **(33)** US  
 62/829,372 04.04.19 US  
**(43)** 26.03.2020  
**(72)** Gerhardt, Jim; Hansen, Shannon; Orellana, Daniel  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CiDRA Corporate Services Inc.  
**(11)** AU-A-2020201670  
**(21)** 2020201670 **(22)** 05.03.2020  
**(54)** Techniques for optimizing performance of cyclones  
**(51)** Int. Cl.  
**G16Z 99/00** ( 2019.01 )  
**(43)** 26.03.2020  
**(62)** 2014311424  
**(72)** Van Der Spek, Alex M.; Zuzunaga, Americo J.; Russell, Jerin J.; Maron, Robert J.  
**(74)** Shelston IP Pty Ltd.

CIMC Containers Holding Company Ltd. see Nantong CIMC-Special Transportation Equipment Manufacture Co., Ltd.  
**(21)** 2019222881

**(71)** CMS Technology, Inc.  
**(11)** AU-A-2020201702  
**(21)** 2020201702 **(22)** 06.03.2020  
**(54)** Antimicrobial copper compositions and their use in treatment of foodstuffs and surfaces  
**(51)** Int. Cl.  
**A23L 3/358** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 25/32** ( 2006.01 )  
**A01N 37/02** ( 2006.01 )  
**A01N 37/36** ( 2006.01 )  
**A01N 59/02** ( 2006.01 )  
**A01N 59/20** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A61K 33/34** ( 2006.01 )  
**A61L 2/18** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2015353556  
**(72)** Meccia, John; Shapira, Ron; Dautreuil, Francis; Dietrich, James  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Compagnie Generale des Etablissements Michelin  
**(11)** AU-A-2020201780  
**(21)** 2020201780 **(22)** 11.03.2020  
**(54)** Wake disruptor for use with a land vehicle  
**(51)** Int. Cl.  
**B62D 35/00** ( 2006.01 )

**(43)** 26.03.2020  
**(62)** 2016366836  
**(72)** Bradley, Calvin Rhett; Thompson, Lucas; Bellino, Christopher; Ayala, Ray  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Conveyor Manufacturers Australia Pty Ltd  
**(11)** AU-A-2020201785  
**(21)** 2020201785 **(22)** 11.03.2020  
**(54)** Conveyor system and support frame therefor  
**(51)** Int. Cl.  
**B65G 15/12** ( 2006.01 )  
**B65G 21/14** ( 2006.01 )  
**B65G 39/10** ( 2006.01 )  
**B65G 39/12** ( 2006.01 )  
**B65G 41/00** ( 2006.01 )  
**B65G 41/02** ( 2006.01 )  
**E21F 13/00** ( 2006.01 )  
**E21F 17/00** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2015333576  
**(72)** Smith, Benjamin John  
**(74)** Spruson & Ferguson

**(71)** Crown Equipment Corporation  
**(11)** AU-A-2020201664  
**(21)** 2020201664 **(22)** 05.03.2020  
**(54)** Industrial vehicles with overhead light based localization  
**(51)** Int. Cl.  
**G06T 7/00** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2014324480  
**(72)** BELL, Mark; CHANDRASEKAR, Kashyap; WALTZ, Lucas B.; THOMSON, Jacob  
**(74)** Spruson & Ferguson

**(71)** Cylance Inc.  
**(11)** AU-A-2020201706  
**(21)** 2020201706 **(22)** 06.03.2020  
**(54)** AUTOMATED SYSTEM FOR GENERATIVE MULTIMODEL MULTICLASS CLASSIFICATION AND SIMILARITY ANALYSIS USING MACHINE LEARNING  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**(43)** 26.03.2020  
**(62)** 2014302603  
**(72)** Permeh, Ryan; McClure, Stuart; Wolff, Matthew; Golomb, Gary; Soeder, Derek A.; Levites, Seagen; O'Dea, Michael; Acevedo, Gabriel; Chisholm, Glenn  
**(74)** Phillips Ormonde Fitzpatrick

D.T.R. Dermal Therapy Research Inc. see Biomedical Concepts LLC  
**(21)** 2020201781

**(71)** Dejero Labs Inc.  
**(11)** AU-A-2020201651  
**(21)** 2020201651 **(22)** 05.03.2020



Applications Open to Public Inspection - Name Index cont'd

(54) Device and method for characterization and optimization of multiple simultaneous real-time data connections  
 (51) Int. Cl.  
*H04W 28/02* ( 2009.01 )  
*H04W 24/00* ( 2009.01 )  
*H04W 80/02* ( 2009.01 )  
 (43) 26.03.2020  
 (62) 2017221833  
 (72) Sze, David; Frusina, Bogdan; Gilhuly, Barry; Schneider, Todd  
 (74) FB Rice Pty Ltd

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2019222964  
 (21) 2019222964 (22) 30.08.2019  
 (54) Improved aneurysm occlusion device  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
 (31) 16/128,929 (32) 12.09.18 (33) US  
 (43) 26.03.2020  
 (72) LORENZO, Juan  
 (74) Spruson & Ferguson

(71) De Ridder, D.  
 (11) AU-A-2020201736  
 (21) 2020201736 (22) 10.03.2020  
 (54) SYSTEM AND METHOD FOR NESTED NEUROSTIMULATION  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015313928  
 (72) De Ridder, Dirk  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2020201726  
 (21) 2020201726 (22) 09.03.2020  
 (54) System and method for communication of analyte data  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017345135  
 (72) Hampapuram, Hari; Kamath, Apurv Ullas; Pascual, Francis William; Chum Dew, Darin Edward; Mandapaka, Aditya; Amidei, James Stephen; Burnette, Douglas William; Pender, William A.; Paul, Nathanael; Ploof, Michael A.  
 (74) FB Rice Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2020201745  
 (21) 2020201745 (22) 10.03.2020  
 (54) Continuous analyte monitoring system power conservation  
 (51) Int. Cl.  
*G06F 1/32* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016377480  
 (72) Lieu, Pauline T.; Hernandez-Rosas, Jose Hector; Burnette, Douglas William; Wendekind, Jeffrey R.; Dervaes, Mark;

Grucela, Minda Mcdorman; McDaniel, Zebediah L.  
 (74) FB Rice Pty Ltd

(71) Divergent Technologies, Inc.  
 (11) AU-A-2020201806  
 (21) 2020201806 (22) 12.03.2020  
 (54) SYSTEMS AND METHODS FOR FABRICATING JOINT MEMBERS  
 (51) Int. Cl.  
*B29C 67/00* ( 2006.01 )  
*B62D 21/02* ( 2006.01 )  
*B62D 21/17* ( 2006.01 )  
*F16B 7/18* ( 2006.01 )  
*G05B 15/00* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015284265  
 (72) Czinger, Kevin R.; Balzer, William Bradley; Penmetsa, Praveen Varma; Omohundro, Zachary Meyer; O'Brien, Matthew M.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dolby International AB  
 (11) AU-A-2020201647  
 (21) 2020201647 (22) 05.03.2020  
 (54) Pitch Filter for Audio Signals and Method for Filtering an Audio Signal with a Pitch Filter  
 (51) Int. Cl.  
*G10L 19/02* ( 2006.01 )  
*G10L 19/26* ( 2013.01 )  
*G10L 19/107* ( 2013.01 )  
*G10L 19/20* ( 2013.01 )  
 (43) 26.03.2020  
 (62) 2017276206  
 (72) Resch, Barbara; Kjorling, Kristofer; Villemoes, Lars  
 (74) Chrysiliou IP

(71) Dolby Laboratories Licensing Corporation  
 (11) AU-A-2020201708  
 (21) 2020201708 (22) 06.03.2020  
 (54) Techniques for encoding, decoding and representing high dynamic range images  
 (51) Int. Cl.  
*H04N 19/467* ( 2014.01 )  
*H04N 1/32* ( 2006.01 )  
*H04N 5/235* ( 2006.01 )  
*H04N 19/184* ( 2014.01 )  
*H04N 19/36* ( 2014.01 )  
 (43) 26.03.2020  
 (62) 2018204462  
 (72) Ninan, Ajit  
 (74) Shelston IP Pty Ltd.

(71) DOTS Technology Corp.  
 (11) AU-A-2020201746  
 (21) 2020201746 (22) 10.03.2020  
 (54) Allergen detection  
 (51) Int. Cl.  
*C40B 40/06* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017272280  
 (72) GILBOA-GEFFEN, Adi; BROWN, Renuka Babu  
 (74) Griffith Hack

(71) Drill-Bourn Pty Ltd  
 (11) AU-A-2019229452  
 (21) 2019229452 (22) 13.09.2019  
 (54) Machine Stand and Method of Supporting a Machine using a Stand  
 (51) Int. Cl.  
*F16M 11/16* ( 2006.01 )  
*F16M 1/026* ( 2006.01 )  
*F16M 11/00* ( 2006.01 )  
 (31) 2018903326 (32) 06.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Elbourn, Andrew  
 (74) IP& Pty Ltd

(71) Elgi Rubber Company Limited  
 (11) AU-A-2020201661  
 (21) 2020201661 (22) 05.03.2020  
 (54) TIRE RASP BLADE  
 (51) Int. Cl.  
*B23D 71/02* ( 2006.01 )  
*B23D 71/00* ( 2006.01 )  
*B29D 30/54* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016381553  
 (72) Stanfield, Charles K.,  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

Emory University see Johns Hopkins University  
 (21) 2020201691

(71) Epimeron Inc.  
 (11) AU-A-2020201743  
 (21) 2020201743 (22) 10.03.2020  
 (54) Compositions and methods for making (R)-Reticuline and precursors thereof  
 (51) Int. Cl.  
*C12N 15/63* ( 2006.01 )  
*A01H 1/04* ( 2006.01 )  
*A01H 1/06* ( 2006.01 )  
*A01H 5/00* ( 2006.01 )  
*C12N 9/02* ( 2006.01 )  
*C12N 15/52* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
*C12P 17/10* ( 2006.01 )  
*C12Q 1/68* ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014360597  
 (72) FACCHINI, Peter James; FARROW, Scott Cameron; BEAUDOIN, Guillaume Arthur Welch  
 (74) Davies Collison Cave Pty Ltd

(71) ETHICON ENDO-SURGERY, INC.  
 (11) AU-A-2020201772  
 (21) 2020201772 (22) 11.03.2020  
 (54) ELECTRICALLY SELF-POWERED SURGICAL INSTRUMENT WITH MANUAL RELEASE  
 (51) Int. Cl.  
*A61B 17/04* ( 2006.01 )  
*A61B 17/10* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 26.03.2020  
 (62) 2018267607  
 (72) RIVERA, Carlos; DEVILLE, Derek;  
 SMITH, Kevin; PALMER, Matthew;  
 BALES, Thomas  
 (74) Baxter Patent Attorneys Pty Ltd

(71) ExploraMed NC7, Inc.  
 (11) AU-A-2020201768  
 (21) 2020201768 (22) 11.03.2020  
 (54) Systems, devices and methods for assessing  
 milk volume expressed from a breast  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61M 1/06** ( 2006.01 )

(43) 26.03.2020  
 (62) 2015317840  
 (72) Makower, Joshua; Chang, John Y.; Bender,  
 Theodore M.; Donohoe, Brendan M.  
 (74) Davies Collison Cave Pty Ltd

(71) Fienza Tech Pty Ltd  
 (11) AU-A-2019203646  
 (21) 2019203646 (22) 24.05.2019  
 (54) RECESSED BATHROOM CABINET  
 (51) Int. Cl.  
**E06B 1/00** ( 2006.01 )  
**A47B 67/02** ( 2006.01 )  
 (31) 2018903342 (32) 07.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Rand, Wesley; Rand, Lauren Elizabeth  
 (74) Michael Buck IP

(71) FIMCIM S.p.A.  
 (11) AU-A-2019229387  
 (21) 2019229387 (22) 12.09.2019  
 (54) METHOD AND DEVICE FOR CON-  
 TROLLING THE FLOW OF FLUID IN  
 AN AIR-CONDITIONING AND/OR  
 HEATING SYSTEM AND SYSTEM US-  
 ING SUCH A DEVICE AND/OR CON-  
 TROL METHOD  
 (51) Int. Cl.  
**F24F 11/65** ( 2018.01 )  
**F24F 11/49** ( 2018.01 )  
**F24F 11/83** ( 2018.01 )  
 (31) 10201800008530 (32) 12.09.18 (33) IT  
 (43) 26.03.2020  
 (72) CIMBERIO, Roberto; GUIDETTI, Tiz-  
 iano; ZANCHI, Matteo; GARONE, Silvia;  
 FREIN, Antoine  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2020201718  
 (21) 2020201718 (22) 09.03.2020  
 (54) GEL RESUSCITATION MASK  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015232049  
 (72) Scheirlinck, Erik Robertus; Jordan, Ken-  
 neth Gary  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2020201765  
 (21) 2020201765 (22) 11.03.2020  
 (54) PRESSURE RANGE ADJUSTMENT FOR  
 RESPIRATORY THERAPY DEVICE  
 (51) Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61B 5/087** ( 2006.01 )

(43) 26.03.2020  
 (62) 2015228507  
 (72) WHITING, David Robin; WYSOSKI,  
 Simej Gomes  
 (74) AJ PARK

(71) FluGen, Inc.  
 (11) AU-A-2020201760  
 (21) 2020201760 (22) 10.03.2020  
 (54) INFLUENZA VIRUS MUTANTS AND  
 USES THEREFOR  
 (51) Int. Cl.  
**A61K 39/145** ( 2006.01 )  
**C12N 7/01** ( 2006.01 )  
**C12N 15/33** ( 2006.01 )

(43) 26.03.2020  
 (62) 2018200488  
 (72) Bilsel, Pamuk; Hatta, Yasuko  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Gaba Therapeutics Inc.  
 (11) AU-A-2020201728  
 (21) 2020201728 (22) 09.03.2020  
 (54) DEUTERATED ANALOGS OF ETIFOX-  
 INE, THEIR DERIVATIVES AND USES  
 THEREOF  
 (51) Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61K 31/535** ( 2006.01 )  
**A61K 31/536** ( 2006.01 )

(43) 26.03.2020  
 (62) 2016235495  
 (72) Dasse, Olivier  
 (74) James & Wells Intellectual Property

(71) Genomic Health, Inc.  
 (11) AU-A-2020201779  
 (21) 2020201779 (22) 11.03.2020  
 (54) Method for using gene expression to de-  
 termine prognosis of prostate cancer  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )

(43) 26.03.2020  
 (62) 2017268510  
 (72) Shak, Steven; Baehner, Frederick L; Mad-  
 dala, Tara; Lee, Mark; Pelham, Robert J;  
 Cowens, Wayne; Cherbavaz, Diana; Kiefer,  
 Michael C; Crager, Michael; Goddard,  
 Audrey; Baker, Joffre B  
 (74) FB Rice Pty Ltd

(71) Geron Corporation  
 (11) AU-A-2020201707  
 (21) 2020201707 (22) 06.03.2020  
 (54) Oligonucleotide compositions and methods  
 of making the same  
 (51) Int. Cl.

**C07H 21/04** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/115** ( 2010.01 )  
 (43) 26.03.2020  
 (62) 2015253158  
 (72) Ramiya, Premchandran H.  
 (74) FB Rice Pty Ltd

(71) Google LLC  
 (11) AU-A-2020201699  
 (21) 2020201699 (22) 06.03.2020  
 (54) REDUCING LATENCY IN MAP INTER-  
 FACES  
 (51) Int. Cl.  
**G06T 11/40** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2019203802  
 (72) Bakshi, Nikhil; King, Oliver Michael;  
 Youra, Zev Nettleton  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Graymont Western Canada Inc.  
 (11) AU-A-2019316539  
 (21) 2019316539 (22) 10.09.2019  
 (54) Improvement of geotechnical characterist-  
 ics of tailings via lime addition  
 (51) Int. Cl.  
**C02F 1/00** ( 2006.01 )  
 (31) 62/729,955 (32) 11.09.18 (33) US  
 62/806,512 15.02.19 US  
 (43) 26.03.2020  
 (72) LEIKAM, Jared Ira; ROMANIUK, Nikolas  
 Andrei; FOX, Jesse Wayne; TATE, Mi-  
 chael John; HARIHARAN, Narain  
 (74) Spruson & Ferguson

(71) Gurtech (Pty) Ltd  
 (11) AU-A-2019222942  
 (21) 2019222942 (22) 30.08.2019  
 (54) Grease injection gun cartridge adaptor  
 (51) Int. Cl.  
**F16N 5/02** ( 2006.01 )  
**F16N 3/12** ( 2006.01 )  
 (31) 1814602.7 (32) 07.09.18 (33) GB  
 (43) 26.03.2020  
 (72) Lusso, Cary Donald  
 (74) Watermark Intellectual Property Pty Ltd

(71) Hawthorne Holdings Pty Ltd  
 (11) AU-A-2020201735  
 (21) 2020201735 (22) 10.03.2020  
 (54) PIPE FITTING  
 (51) Int. Cl.  
**F16L 25/12** ( 2006.01 )  
**F16L 27/10** ( 2006.01 )  
**F16L 47/06** ( 2006.01 )  
**F16L 47/18** ( 2006.01 )  
**F16L 49/08** ( 2006.01 )

(43) 26.03.2020  
 (62) 2016281199  
 (72) HOBBS, Andrew  
 (74) IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

Applications Open to Public Inspection - Name Index cont'd

(71) Hensley Industries, Inc.  
 (11) AU-A-2020201750  
 (21) 2020201750 (22) 10.03.2020  
 (54) Excavating tooth assembly with locking pin assembly  
 (51) Int. Cl.  
     E02F 9/28 ( 2006.01 )  
     F16B 1/00 ( 2006.01 )  
     F16B 19/02 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016333778  
 (72) Vegunta, Venkata Prakash; Bilal, Mohamad Youssef  
 (74) FB Rice Pty Ltd

(71) Hilti Aktiengesellschaft  
 (11) AU-A-2020201703  
 (21) 2020201703 (22) 06.03.2020  
 (54) Fastening method  
 (51) Int. Cl.  
     F16B 5/02 ( 2006.01 )  
     B23B 51/00 ( 2006.01 )  
     F16B 37/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202892  
 (72) Foser, Thomas  
 (74) Shelston IP Pty Ltd.

Hsu, P. see Su, C.  
 (21) 2020201681

(71) Hunter Douglas Inc.  
 (11) AU-A-2019226222  
 (21) 2019226222 (22) 06.09.2019  
 (54) Fabric panels, sheer fabrics, and covering for architectural features, and related systems  
 (51) Int. Cl.  
     D03D 15/00 ( 2006.01 )  
     E06B 9/26 ( 2006.01 )  
 (31) 62/728,352 (32) 07.09.18 (33) US  
 (43) 26.03.2020  
 (72) Rahn, Kelly; Colson, Wendell B.; Swiszczy, Paul G.  
 (74) Shelston IP Pty Ltd.

(71) Idemia Identity & Security France  
 (11) AU-A-2019226224  
 (21) 2019226224 (22) 06.09.2019  
 (54) A METHOD OF EXTRACTING FEATURES FROM A FINGERPRINT REPRESENTED BY AN INPUT IMAGE  
 (51) Int. Cl.  
     G06K 9/00 ( 2006.01 )  
 (31) 1858004 (32) 06.09.18 (33) FR  
 (43) 26.03.2020  
 (72) THUILLIER, Cedric; CAZASNOVES, Anthony  
 (74) FPA Patent Attorneys Pty Ltd

(71) IHS Global Design Pty Ltd  
 (11) AU-A-2019226181  
 (21) 2019226181 (22) 05.09.2019  
 (54) Room service table  
 (51) Int. Cl.  
     A47B 31/04 ( 2006.01 )

A47B 3/00 ( 2006.01 )  
 A47B 7/02 ( 2006.01 )  
 A47B 9/10 ( 2006.01 )  
 (31) 2018903320 (32) 06.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Polidoros, Nicholas  
 (74) FPA Patent Attorneys Pty Ltd

(71) IHS Global Design Pty Ltd  
 (11) AU-A-2019226183  
 (21) 2019226183 (22) 05.09.2019  
 (54) Folding table  
 (51) Int. Cl.  
     A47B 3/08 ( 2006.01 )  
     A47B 3/00 ( 2006.01 )  
     A47B 13/00 ( 2006.01 )  
 (31) 2018903319 (32) 06.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Polidoros, Nicholas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Illumina, Inc.  
 (11) AU-A-2020201685  
 (21) 2020201685 (22) 06.03.2020  
 (54) Nucleic acid sequence analysis from single cells  
 (51) Int. Cl.  
     C12Q 1/68 ( 2006.01 )  
     C12N 15/10 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016316773  
 (72) Salathia, Neeraj; Fan, Jian-Bing; Kaper, Fiona; Cann, Gordon M.; Jamshidi, Arash; Aravanis, Alex  
 (74) FPA Patent Attorneys Pty Ltd

(71) Immodulon Therapeutics Limited  
 (11) AU-A-2020201754  
 (21) 2020201754 (22) 10.03.2020  
 (54) A CHECKPOINT INHIBITOR AND A WHOLE CELL MYCOBACTERIUM FOR USE IN CANCER THERAPY  
 (51) Int. Cl.  
     A61P 35/00 ( 2006.01 )  
     A61K 35/74 ( 2006.01 )  
     A61K 39/04 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014369510  
 (72) Akle, Charles; Grange, John; Bilyard, Kevin  
 (74) Madderns Pty Ltd

(71) Implantica Patent Ltd  
 (11) AU-A-2020201667  
 (21) 2020201667 (22) 05.03.2020  
 (54) Hip Joint Device  
 (51) Int. Cl.  
     A61F 2/32 ( 2006.01 )  
     A61F 2/34 ( 2006.01 )  
     A61F 2/36 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018208741  
 (72) Forsell, Peter  
 (74) WRAYS PTY LTD

(71) Incyte Holdings Corporation  
 (11) AU-A-2020201709  
 (21) 2020201709 (22) 06.03.2020  
 (54) Processes for preparing JAK inhibitors and related intermediate compounds  
 (51) Int. Cl.  
     C07D 231/16 ( 2006.01 )  
     C07D 487/04 ( 2006.01 )  
     C07F 5/04 ( 2006.01 )  
     C07F 7/08 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202625  
 (72) Zhou, Jiacheng; Liu, Pingli; Lin, Qiyan; Metcalf, Brian W.; Meloni, David; Pan, Yongchun; Xia, Michael; Li, Mei; Yue, Tai-Yuen; Rodgers, James D.; Wang, Haisheng  
 (74) Davies Collison Cave Pty Ltd

(71) iRobot Corporation  
 (11) AU-A-2019219854  
 (21) 2019219854 (22) 23.08.2019  
 (54) Scheduling system for autonomous robots  
 (51) Int. Cl.  
     G06Q 10/06 ( 2012.01 )  
     A47L 11/40 ( 2006.01 )  
     G05B 19/042 ( 2006.01 )  
     G05D 1/04 ( 2006.01 )  
     G06F 3/0484 ( 2013.01 )  
     G06Q 10/10 ( 2012.01 )  
 (31) 16/123,994 (32) 06.09.18 (33) US  
 (43) 26.03.2020  
 (72) HUANG, Qunxi; LEE, Chris; NEVES, Domingos; LESKO, Ryan; MEDINA, Manuel  
 (74) Spruson & Ferguson

(71) Johns Hopkins University; Emory University  
 (11) AU-A-2020201691  
 (21) 2020201691 (22) 06.03.2020  
 (54) Methods of sequencing nucleic acids in mixtures and compositions related thereto  
 (51) Int. Cl.  
     C12Q 1/68 ( 2006.01 )  
     C12N 15/10 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014219180  
 (72) EMERICK, Mark C.; AGNEW, William S.  
 (74) Spruson & Ferguson

(71) Johnson & Johnson Consumer Inc.  
 (11) AU-A-2019226300  
 (21) 2019226300 (22) 10.09.2019  
 (54) Retinol oil composition  
 (51) Int. Cl.  
     A61K 8/67 ( 2006.01 )  
     A61K 8/72 ( 2006.01 )  
     A61K 31/07 ( 2006.01 )  
     A61Q 19/00 ( 2006.01 )  
     A61Q 19/06 ( 2006.01 )  
     A61Q 19/08 ( 2006.01 )  
 (31) 62/728,941 (32) 10.09.18 (33) US  
 (43) 26.03.2020  
 (72) Parsa, Ramine; Brillouet, Anne-Sophie; Chang, Michael; Walsh, Star Marie  
 (74) Shelston IP Pty Ltd.

Applications Open to Public Inspection - Name Index cont'd

- (71) Johnson & Johnson Consumer Inc.  
 (11) AU-A-2020201762  
 (21) 2020201762 (22) 11.03.2020  
 (54) Process for making tablet using radiofrequency and lossy coated particles  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**B01J 2/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015204763  
 (72) Szymczak, Christopher E.; Dave, Vipul; McNally, Gerard P.; Cochran, David B.; Koll, Gregory; Ulrich, Stephen  
 (74) Shelston IP Pty Ltd.
- 
- (71) Kimura Kohki Co., Ltd.  
 (11) AU-A-2019222790  
 (21) 2019222790 (22) 26.08.2019  
 (54) Pneumatic radiation air conditioner  
 (51) Int. Cl.  
**F24F 5/00** ( 2006.01 )  
**F24F 1/0014** ( 2019.01 )  
**F24F 1/028** ( 2019.01 )  
 (31) 2018-169646 (32) 11.09.18 (33) JP  
 (43) 26.03.2020  
 (72) KIMURA, Keiichi; URANO, Katsuhiko; SHIOJI, Masaki  
 (74) Spruson & Ferguson
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2020201739  
 (21) 2020201739 (22) 10.03.2020  
 (54) Cleaner holder  
 (51) Int. Cl.  
**A47L 9/32** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017262301  
 (72) Kim, Namhee; Nam, Bohyun; Hwang, Jungbae; Kim, Jinju; Bae, Sehwan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2020201749  
 (21) 2020201749 (22) 10.03.2020  
 (54) Vacuum cleaner  
 (51) Int. Cl.  
**A47L 5/08** ( 2006.01 )  
**A47L 7/00** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017265784  
 (72) Kwak, Donghoon; Kim, Sungjun  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Lumus Ltd.  
 (11) AU-A-2019284095  
 (21) 2019284095 (22) 08.09.2019  
 (54) Near-Eye Display with Laser Diode Illumination  
 (51) Int. Cl.  
**G02B 27/00** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
**G02F 1/01** ( 2006.01 )  
 (31) 62/727,581 (32) 06.09.18 (33) US

- (43) 26.03.2020  
 (72) DANZIGER, Yochay; CHRICKI, Ronen; LIVNEH, Nitzan  
 (74) Wallington-Dummer
- 
- (71) Mandometer AB  
 (11) AU-A-2020201693  
 (21) 2020201693 (22) 06.03.2020  
 (54) A method and a device adapted to practice simulated eating  
 (51) Int. Cl.  
**G16H 20/60** ( 2018.01 )  
**G01G 19/414** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202329  
 (72) BERGH, Cecilia; SÖDERSTEN, Per; LOAKEIMIDIS, Ioannis  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Marantec Antriebs-und Steuerungstechnik GmbH & Co. KG  
 (11) AU-A-2019226303  
 (21) 2019226303 (22) 10.09.2019  
 (54) Drive carriage for a door and door drive  
 (51) Int. Cl.  
**E05F 15/668** ( 2015.01 )  
**E05D 13/00** ( 2006.01 )  
**E05D 15/40** ( 2006.01 )  
 (31) 20 2018 105 217.9 (32) 12.09.18 (33) DE  
 (43) 26.03.2020  
 (72) Nevetschero, Arkady; Hörmann, Michael  
 (74) Shelston IP Pty Ltd.
- 
- (71) Marine Canada Acquisition Inc.  
 (11) AU-A-2020201697  
 (21) 2020201697 (22) 06.03.2020  
 (54) Mounting assembly for positioning stern-mounted propulsion units with a forward convergence  
 (51) Int. Cl.  
**B63H 20/02** ( 2006.01 )  
**B63H 20/12** ( 2006.01 )  
**B63H 21/30** ( 2006.01 )  
**B63H 25/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018203379  
 (72) WOOD, Neal Wesley Denis; WONG, Rat Tat Lung  
 (74) FB Rice Pty Ltd
- 
- (71) MASTERCARD INTERNATIONAL INCORPORATED  
 (11) AU-A-2020201652  
 (21) 2020201652 (22) 05.03.2020  
 (54) Method and system for blockchain variant using digital signatures  
 (51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016378211  
 (72) KING, David J.  
 (74) Spruson & Ferguson
- 
- (71) Medtronic Xomed, Inc.  
 (11) AU-A-2020201756  
 (21) 2020201756 (22) 10.03.2020

- (54) Dynamic locking device  
 (51) Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61C 1/14** ( 2006.01 )  
**B23B 31/06** ( 2006.01 )  
**B23B 31/08** ( 2006.01 )  
**B23B 51/12** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014257380  
 (72) Masson, Martin  
 (74) FB Rice Pty Ltd
- 
- (71) Melbourne City Council  
 (11) AU-A-2019226177  
 (21) 2019226177 (22) 05.09.2019  
 (54) Compactor for a rubbish bin  
 (51) Int. Cl.  
**B65F 1/14** ( 2006.01 )  
 (31) 2018903331 (32) 06.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Dryden, Ian; Watt, Stephen  
 (74) FB Rice Pty Ltd
- 
- (71) Microsoft Technology Licensing, LLC  
 (11) AU-A-2020201737  
 (21) 2020201737 (22) 10.03.2020  
 (54) Mechanical attach and retention feature  
 (51) Int. Cl.  
**G06F 1/16** ( 2006.01 )  
**A45C 11/00** ( 2006.01 )  
**H04M 1/02** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015236135  
 (72) McCracken, Ivan Andrew; Wang, Hua; Aagaard, Karsten; Whitt III, David Otto; Winter, Andrew E.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Microsoft Technology Licensing, LLC  
 (11) AU-A-2020201771  
 (21) 2020201771 (22) 11.03.2020  
 (54) Privacy filtering of requested user data and context activated privacy modes  
 (51) Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**H04W 12/02** ( 2009.01 )  
 (43) 26.03.2020  
 (62) 2015206737  
 (72) Hamilton, Colleen; Howard, Robert; Clark, Lee Dicks; Yovin, John; Brown, Shawn; Malekzadeh, Sogol  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MIRteq Pty Limited  
 (11) AU-A-2020201696  
 (21) 2020201696 (22) 06.03.2020  
 (54) Resins, resin/fibre composites, methods of use and methods of preparation  
 (51) Int. Cl.  
**C08K 7/14** ( 2006.01 )  
**C08K 7/10** ( 2006.01 )  
**C08L 31/00** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**C08L 67/00** ( 2006.01 )  
**C08L 101/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 26.03.2020  
 (62) 2018204510  
 (72) Hodgson, Peter Clifford  
 (74) Shelston IP Pty Ltd.
- 
- (71) Muscat, R.  
 (11) AU-A-2019226199  
 (21) 2019226199 (22) 05.09.2019  
 (54) BOAT MOORING APPARATUS  
 (51) Int. Cl.  
*B63B 21/00* (2006.01)  
*E02B 3/06* (2006.01)  
*E02B 17/00* (2006.01)  
 (31) 2018903379 (32) 10.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Muscat, Ray  
 (74) Mann IP
- 
- (71) Musculoskeletal Transplant Foundation;  
 The Methodist Hospital  
 (11) AU-A-2019204393  
 (21) 2019204393 (22) 21.06.2019  
 (54) SOFT TISSUE REPAIR GRAFTS AND  
 PROCESSES FOR PREPARING AND  
 USING SAME  
 (51) Int. Cl.  
*A61F 2/12* (2006.01)  
*A61F 2/02* (2006.01)  
*A61L 27/36* (2006.01)  
*A61L 27/56* (2006.01)  
 (31) 16/125,435 (32) 07.09.18 (33) US  
 (43) 26.03.2020  
 (72) Spiegel, Aldona Jedrysiak; Wang, Kai-Roy  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) MX Technologies Inc.  
 (11) AU-A-2019204317  
 (21) 2019204317 (22) 19.06.2019  
 (54) Propensity model based optimization  
 (51) Int. Cl.  
*H04N 5/00* (2011.01)  
*G06T 5/00* (2006.01)  
 (31) 16/128,401 (32) 11.09.18 (33) US  
 (43) 26.03.2020  
 (72) DEWITT, Brandon; McBRIDE, Ryan;  
 SMIT, Shane; BODILY, Josh  
 (74) Griffith Hack
- 
- (71) Nantong CIMC-Special Transportation  
 Equipment Manufacture Co., Ltd.; China  
 International Marine Containers (Group)  
 Ltd.; CIMC Containers Holding Company  
 Ltd.  
 (11) AU-A-2019222881  
 (21) 2019222881 (22) 29.08.2019  
 (54) A door header connection assembly and an  
 open top container comprising the same  
 (51) Int. Cl.  
*B65D 88/00* (2006.01)  
*B65D 90/00* (2006.01)  
 (31) 201811038944.2 (32) 06.09.18 (33) CN  
 (43) 26.03.2020  
 (72) Xue, Junfeng; Zhai, Jianxing  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Nepetx, LLC  
 (11) AU-A-2020201654  
 (21) 2020201654 (22) 05.03.2020  
 (54) Treatment of gluten intolerance and related  
 conditions  
 (51) Int. Cl.  
*C12N 9/50* (2006.01)  
*A23L 33/00* (2016.01)  
*A61K 38/48* (2006.01)  
*A61P 1/14* (2006.01)  
*A61P 31/04* (2006.01)  
 (43) 26.03.2020  
 (62) 2014231587  
 (72) SCHRIEMER, David; MAN, Petr;  
 MRAZEK, Hynek; REY, Martial  
 (74) Spruson & Ferguson
- 
- (71) Niksic, B.  
 (11) AU-A-2019222939  
 (21) 2019222939 (22) 30.08.2019  
 (54) Time apparatus  
 (51) Int. Cl.  
*G04B 19/04* (2006.01)  
 (31) 2018903389 (32) 10.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Niksic, Branko  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) NIPPON SUISAN KAISHA, LTD.  
 (11) AU-A-2020201738  
 (21) 2020201738 (22) 10.03.2020  
 (54) Free-polyunsaturated-fatty-acid-containing  
 composition and method for manufacturing  
 same  
 (51) Int. Cl.  
*C11C 3/00* (2006.01)  
*A23D 9/007* (2006.01)  
*A61K 31/201* (2006.01)  
*A61K 31/202* (2006.01)  
*A61P 3/06* (2006.01)  
*A61P 7/02* (2006.01)  
*A61P 9/10* (2006.01)  
*A61P 25/28* (2006.01)  
*A61P 29/00* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 37/08* (2006.01)  
*C07C 57/12* (2006.01)  
*C07C 69/58* (2006.01)  
 (43) 26.03.2020  
 (62) 2016317524  
 (72) YAMAGUCHI, Hideaki; DOISAKI, No-  
 bushige; SATO, Seizo; KOSUGE, Yuhei  
 (74) Griffith Hack
- 
- (71) Nisshin Steel Co., Ltd.  
 (11) AU-A-2020201791  
 (21) 2020201791 (22) 11.03.2020  
 (54) MOLTEN A1 PLATED STEEL WIRE  
 AS WELL AS STRANDED WIRE AND  
 MANUFACTURING METHOD THERE-  
 FOR  
 (51) Int. Cl.  
*C23C 2/38* (2006.01)  
*C23C 2/12* (2006.01)  
*H01B 5/08* (2006.01)
- 
- (43) 26.03.2020  
 (62) 2014400108  
 (72) Kamoshida, Shinichi; Miono, Tadaaki; Hat-  
 tori, Yasunori; Shimizu, Takeshi  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Northern Development AS  
 (11) AU-A-2019222842  
 (21) 2019222842 (22) 28.08.2019  
 (54) Percutaneous Lead  
 (51) Int. Cl.  
*A61B 5/04* (2006.01)  
*A61B 5/042* (2006.01)  
*A61B 5/11* (2006.01)  
 (31) 2018903393 (32) 10.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Ayre, Peter; Begg, John  
 (74) Alder IP Pty Ltd
- 
- (71) Novobiotic Pharmaceuticals, LLC  
 (11) AU-A-2020201751  
 (21) 2020201751 (22) 10.03.2020  
 (54) Novel desipeptide and uses thereof  
 (51) Int. Cl.  
*C07K 11/02* (2006.01)  
 (43) 26.03.2020  
 (62) 2018204040  
 (72) PEOPLES, Aaron J.; HUGHES, Dallas;  
 LING, Losee Lucy; MILLETT, Willi-  
 am; NITTI, Anthony; SPOERING, Amy;  
 STEADMAN, Victoria Alexandra; CHIVA,  
 Jean-Yves Christophe; LAZARIDES, Li-  
 nos; JONES, Michael Kenyon; POULE-  
 NEC, Karine Gaelle; LEWIS, Kim  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) O'Keeffe, W.; Ross, S.  
 (11) AU-A-2019226191  
 (21) 2019226191 (22) 05.09.2019  
 (54) FIRE-RATED GLASS UNIT  
 (51) Int. Cl.  
*B32B 17/00* (2006.01)  
 (31) 16/135,959 (32) 09.09.18 (33) US  
 (43) 26.03.2020  
 (72) O'Keeffe, William F.; Ross, Sean A.  
 (74) AJ PARK
- 
- Omeros Corporation see University of Leicester  
 (21) 2020201804
- 
- (71) Opex Corporation  
 (11) AU-A-2020201757  
 (21) 2020201757 (22) 10.03.2020  
 (54) Method and apparatus for sorting or retriev-  
 ing items  
 (51) Int. Cl.  
*B65G 1/04* (2006.01)  
*B65G 1/06* (2006.01)  
*B65G 1/137* (2006.01)  
 (43) 26.03.2020  
 (62) 2017265163  
 (72) Dewitt, Robert R.; Chezik, Peter M.; Valin-  
 sky, Joseph; Stahl, Ola; Kartik, S.  
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Original Biological Technology Co., Ltd.  
 (11) AU-A-2018417113  
 (21) 2018417113 (22) 13.09.2018  
 (54) Nutrition formula milk powder for infants after congenital heart disease surgery or non-cardiac surgery and other critically ill infants in intensive care, and method of using the same  
 (51) Int. Cl.  
**A23C 9/00** ( 2006.01 )  
 (43) 26.03.2020  
 (72) Ma, Zeming  
 (74) Michael Buck IP

(71) Osaka University  
 (11) AU-A-2020201744  
 (21) 2020201744 (22) 10.03.2020  
 (54) Leukocyte infiltration promoting agent and antitumor immunostimulatory agent  
 (51) Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 31/683** ( 2006.01 )  
**A61K 31/685** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016329670  
 (72) Takakura, Nobuyuki; Naito, Hisamichi; Takara, Kazuhiro  
 (74) Baldwins Intellectual Property

(71) Oxitec Limited  
 (11) AU-A-2020201642  
 (21) 2020201642 (22) 05.03.2020  
 (54) Insect muscle actin promoter  
 (51) Int. Cl.  
**A01K 67/033** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014224601  
 (72) Koukidou, Martha; Scaife, Sarah; Alphey, Luke  
 (74) CreateIP

(71) Pajunk GmbH Medizintechnologie  
 (11) AU-A-2019210631  
 (21) 2019210631 (22) 02.08.2019  
 (54) Cannula  
 (51) Int. Cl.  
**A61M 39/22** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
 (31) 10 2018 121 733.1 (32) 06.09.18 (33) DE  
 (43) 26.03.2020  
 (72) Hauger, Martin; Pajunk-Schelling, Simone  
 (74) Franke Hyland Pty Ltd

(71) Pall Corporation  
 (11) AU-A-2019226139  
 (21) 2019226139 (22) 03.09.2019  
 (54) Filter element and filter module comprising same  
 (51) Int. Cl.  
**B01D 29/46** ( 2006.01 )  
 (31) 18193047.0 (32) 06.09.18 (33) EP

(43) 26.03.2020  
 (72) Strohm, Gerhard; Schnieder, Georg; Heusslein, Ralph  
 (74) Shelston IP Pty Ltd.

(71) Permaform Australia Pty Ltd  
 (11) AU-A-2020201453  
 (21) 2020201453 (22) 27.02.2020  
 (54) Formwork system  
 (51) Int. Cl.  
**E04G 11/00** ( 2006.01 )  
**E04G 9/05** ( 2006.01 )  
**E04G 11/16** ( 2006.01 )

(43) 26.03.2020  
 (62) 2018202971  
 (72) Rech, Robert; Zardo, Peter  
 (74) Acumen Intellectual Property

(71) Pictometry International Corp.  
 (11) AU-A-2020201782  
 (21) 2020201782 (22) 11.03.2020  
 (54) COMPUTER SYSTEM FOR AUTOMATICALLY CLASSIFYING ROOF ELEMENTS  
 (51) Int. Cl.  
**G06F 17/00** ( 2019.01 )  
 (43) 26.03.2020  
 (62) 2018201098  
 (72) Stephens, John William; Giuffrida, Frank D.; Schultz, Stephen L.; Adams, Steve; Yandong, Wang  
 (74) Phillips Ormonde Fitzpatrick

(71) Precision Planting LLC  
 (11) AU-A-2020201655  
 (21) 2020201655 (22) 05.03.2020  
 (54) Yield monitoring apparatus, systems, and methods  
 (51) Int. Cl.  
**A01D 34/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018204721  
 (72) KOCH, Justin; STRNAD, Michael  
 (74) Spruson & Ferguson

(71) Roadtec, Inc.  
 (11) AU-A-2019226209  
 (21) 2019226209 (22) 05.09.2019  
 (54) Side cutter for milling machine  
 (51) Int. Cl.  
**E01C 23/088** ( 2006.01 )  
**B28D 1/18** ( 2006.01 )  
 (31) 62/727,761 (32) 06.09.18 (33) US  
 (43) 26.03.2020  
 (72) Beville, James H.; Stevens, Tim  
 (74) Watermark Intellectual Property Pty Ltd

Ross, S. see O'Keefe, W.  
 (21) 2019226191

(71) Saisei Pharma Co., Ltd.  
 (11) AU-A-2020201700  
 (21) 2020201700 (22) 06.03.2020

(54) Bovine colostrum enzyme processed product, production method therefor, composition, and food or beverage  
 (51) Int. Cl.  
**A61K 35/20** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

(43) 26.03.2020  
 (62) 2014362132  
 (72) Uto, Yoshihiro; Hori, Hitoshi; Inui, Toshio; Kubo, Kentaro  
 (74) Shelston IP Pty Ltd.

(71) Schwarze Industries, Inc.  
 (11) AU-A-2020201713  
 (21) 2020201713 (22) 06.03.2020  
 (54) Roadway sweeper with multiple sweeping modes

(51) Int. Cl.  
**E01H 1/00** ( 2006.01 )  
**E01H 1/02** ( 2006.01 )  
**E01H 1/04** ( 2006.01 )  
**E01H 1/05** ( 2006.01 )  
**E01H 1/08** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018251900  
 (72) Glubrecht, Dale D.; Giles, Brain; Crunk III, Felix W.; Schrimsher, Ronald J.; Howley, Sean H.; Berke, Jared N.; Madderra, John D.  
 (74) Watermark Intellectual Property Pty Ltd

(71) Securetec Detektions-Systeme AG  
 (11) AU-A-2019226220  
 (21) 2019226220 (22) 06.09.2019  
 (54) Analyzer and/or readout device for a test element  
 (51) Int. Cl.  
**H05K 5/02** ( 2006.01 )  
 (31) 20 2018 105 104.0 (32) 06.09.18 (33) DE  
 (43) 26.03.2020  
 (72) Lu, Fei  
 (74) Watermark Intellectual Property Pty Ltd

(71) Sera Prognostics, Inc.  
 (11) AU-A-2020201695  
 (21) 2020201695 (22) 06.03.2020  
 (54) Biomarkers and methods for predicting preeclampsia  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2014228009  
 (72) Hickok, Durlin Edward; Boniface, John Jay; Critchfield, Gregory Charles; Fleischer, Tracey Christine  
 (74) FB Rice Pty Ltd

(71) Sera Prognostics, Inc.  
 (11) AU-A-2020201701  
 (21) 2020201701 (22) 06.03.2020  
 (54) Biomarkers and methods for predicting pre-term birth  
 (51) Int. Cl.  
**G01N 33/48** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 26.03.2020  
 (62) 2014227891  
 (72) Hickok, Durlin Edward; Boniface, John Jay; Critchfield, Gregory Charles; Fleischer, Tracey Christine  
 (74) FB Rice Pty Ltd

(71) Slingshot Biosciences, Inc.  
 (11) AU-A-2020201783  
 (21) 2020201783 (22) 11.03.2020  
 (54) HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME  
 (51) Int. Cl.  
 G01N 33/22 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016218254  
 (72) Kim, Jeffrey; Liu, Oliver; Agresti, Jeremy; Nguyen, Anh Tuan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Smart Sinks Pty Ltd  
 (11) AU-A-2018229424  
 (21) 2018229424 (22) 11.09.2018  
 (54) MOBILE SINK ASSEMBLY  
 (51) Int. Cl.  
 A47K 1/02 ( 2006.01 )  
 (43) 26.03.2020  
 (72) Hanson, Craig  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Solar Choice Pty Ltd  
 (11) AU-A-2020201688  
 (21) 2020201688 (22) 06.03.2020  
 (54) Automatic quotes for solar power installations  
 (51) Int. Cl.  
 G06Q 30/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017239607  
 (72) GEMMELL, Angus  
 (74) FB Rice Pty Ltd

(71) SOLTEC ENERGIAS RENOVABLES S.L.  
 (11) AU-A-2018229413  
 (21) 2018229413 (22) 11.09.2018  
 (54) PHOTOVOLTAIC CABLING OPTIMIZATION FOR SOLAR TRACKERS USING A PLUG AND PLAY HARNESS CONFIGURATION  
 (51) Int. Cl.  
 H02S 40/36 ( 2014.01 )  
 (43) 26.03.2020  
 (72) Carrillo, Francisco Javier Torrano; Hernandez, Jose Alfonso Teruel  
 (74) Fraser Old & Sohn

(71) Su, C.; Yen, H.; Hsu, P.; Chen, C.  
 (11) AU-A-2020201681  
 (21) 2020201681 (22) 06.03.2020  
 (54) RESPIRATORY FUNCTION TESTING SYSTEM AND RESPIRATORY FUNCTION TESTING METHOD THEREOF

(51) Int. Cl.  
 A61B 5/0205 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016305101  
 (72) Su, Chiachi; Yen, Hsiaopao; Hsu, Peiling; Chen, Chiahung  
 (74) Madderns Pty Ltd

(71) Syngenta Limited  
 (11) AU-A-2020201710  
 (21) 2020201710 (22) 06.03.2020  
 (54) Adjuvant compositions  
 (51) Int. Cl.  
 A01N 25/02 ( 2006.01 )  
 A01N 25/04 ( 2006.01 )  
 A01N 25/30 ( 2006.01 )  
 A01N 37/42 ( 2006.01 )  
 A01N 43/40 ( 2006.01 )  
 A01N 43/54 ( 2006.01 )  
 A01N 43/90 ( 2006.01 )  
 A01N 45/02 ( 2006.01 )  
 A01N 51/00 ( 2006.01 )  
 A01P 3/00 ( 2006.01 )  
 A01P 7/04 ( 2006.01 )  
 A01P 13/00 ( 2006.01 )  
 A01P 21/00 ( 2006.01 )

(43) 26.03.2020  
 (62) 2018204760  
 (72) Stock, David; Taylor, Philip; Perry, Richard Brian; Ramsay, Julia Lynne; Bell, Gordon Alastair; Ashford, Emma Jane  
 (74) Davies Collison Cave Pty Ltd

(71) Tata Consultancy Services Limited  
 (11) AU-A-2019201358  
 (21) 2019201358 (22) 27.02.2019  
 (54) REAL TIME OVERLAY PLACEMENT IN VIDEOS FOR AUGMENTED REALITY APPLICATIONS  
 (51) Int. Cl.  
 G06T 7/00 ( 2017.01 )  
 G06T 19/00 ( 2011.01 )  
 (31) 201821033541 (32) 06.09.18 (33) IN  
 (43) 26.03.2020  
 (72) HEGDE, Srinidhi; HEBBALAGUPPE, Ramya  
 (74) Origin Patent and Trade Mark Attorneys

(71) Tata Consultancy Services Limited  
 (11) AU-A-2019219714  
 (21) 2019219714 (22) 19.08.2019  
 (54) Systems and methods for performing hand segmentation  
 (51) Int. Cl.  
 G06T 7/00 ( 2017.01 )  
 G06F 3/01 ( 2006.01 )  
 (31) 201821033598 (32) 06.09.18 (33) IN  
 (43) 26.03.2020  
 (72) MAURYA, Jitender Kumar; HEBBALAGUPPE, Ramya; GUPTA, Puneet  
 (74) Spruson & Ferguson

(71) Tata Consultancy Services Limited  
 (11) AU-A-2019226295  
 (21) 2019226295 (22) 10.09.2019  
 (54) SYSTEM AND METHOD FOR ENABLING INTELLIGENT NETWORK

SERVICES BY COGNITIVE SENSE-ANALYZE-DECIDE-RESPOND FRAMEWORK  
 (51) Int. Cl.  
 H04L 29/06 ( 2006.01 )  
 (31) 201821034028 (32) 10.09.18 (33) IN  
 (43) 26.03.2020  
 (72) RATH, Hemant Kumar; NADAF, Shameemraj Mohinuddin; PANIGRAHI, Bighnaraj; KARJEE, Jyotirmoy; SHAI-LENDRA, Samar; BHATTACHARYYA, Abhijan; MISHRA, Garima; PAL, Arpan; PURUSHOTHAMAN, Balamurlidhar  
 (74) James & Wells Intellectual Property

(71) TAV HOLDINGS, INC.; Valerio, T.  
 (11) AU-A-2020201679  
 (21) 2020201679 (22) 06.03.2020  
 (54) SYSTEM AND METHOD FOR RECOVERING METALS FROM A WASTE STREAM  
 (51) Int. Cl.  
 B03B 9/04 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018256627  
 (72) Valerio, Thomas  
 (74) Michael Buck IP

(71) Taxiprop Pty Ltd  
 (11) AU-A-2020201789  
 (21) 2020201789 (22) 11.03.2020  
 (54) Taximeter, system and method for a taxi  
 (51) Int. Cl.  
 G07B 13/00 ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017279737  
 (72) Kelly, Peter Francis; Chellos, Spiro John; D'Arcy, John Phillip; Young, John William  
 (74) K&L Gates

(71) The Boeing Company  
 (11) AU-A-2019222903  
 (21) 2019222903 (22) 29.08.2019  
 (54) Combustion quenching fastener caps with holes  
 (51) Int. Cl.  
 B64D 37/32 ( 2006.01 )  
 B64D 45/02 ( 2006.01 )  
 F16B 37/14 ( 2006.01 )  
 (31) 62/729,677 (32) 11.09.18 (33) US  
 16/209,312 04.12.18 US  
 (43) 26.03.2020  
 (72) Roper, Christopher Stephen; Schubert, Randall Colin; Kwon, Eddie; Damazo, Jason S.; Hansen, Darrin M.; O'Masta, Mark Randall; Stilke, Morgan A.  
 (74) Spruson & Ferguson

(71) The Boeing Company  
 (11) AU-A-2019222907  
 (21) 2019222907 (22) 29.08.2019  
 (54) Double shell fastener caps  
 (51) Int. Cl.  
 F16B 37/14 ( 2006.01 )  
 B64D 45/02 ( 2006.01 )  
 C21D 1/62 ( 2006.01 )  
 (31) 62/729,649 (32) 11.09.18 (33) US

Applications Open to Public Inspection - Name Index cont'd

16/209,088 04.12.18 US (43) 26.03.2020  
 (72) ROPER, Christopher Stephen; SCHUBERT, Randall Colin; KWON, Eddie; DAMAZO, Jason S.; HANSEN, Darrin M.; O'MASTA, Mark Randall; STILKE, Morgan A.  
 (74) Spruson & Ferguson

(71) The Bowden Group  
 (11) AU-A-2020201716  
 (21) 2020201716 (22) 09.03.2020  
 (54) SYSTEM AND METHOD FOR PROVIDING A REGULATED ATMOSPHERE FOR PACKAGING PERISHABLE GOODS  
 (51) Int. Cl.  
**B65D 81/28** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018202885  
 (72) Bowden, Lisa A.; Bowden, R. Craig; Nagamine, James  
 (74) Adams Pluck

(71) The Chamberlain Group, Inc.  
 (11) AU-A-2019226225  
 (21) 2019226225 (22) 06.09.2019  
 (54) Movable barrier operator registration verification  
 (51) Int. Cl.  
**H04L 12/28** ( 2006.01 )  
**E05F 15/77** ( 2015.01 )  
 (31) 62/728,721 (32) 07.09.18 (33) US  
 (43) 26.03.2020  
 (72) FARBER, Jordan Ari.; MURRAY, James Scott,  
 (74) Spruson & Ferguson

(71) The General Corporation  
 (11) AU-A-2020201649  
 (21) 2020201649 (22) 05.03.2020  
 (54) Compositions and Methods Comprising Energy Absorbing Materials for Follicular Delivery  
 (51) Int. Cl.  
**A61K 47/30** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018200580  
 (72) Anderson, Richard Rox; Farinelli, William A.; Paithankar, Dilip; Blomgren, Richard; van Hamel Platerink, Gerard; Doukas-Anderson, Apostolos G.  
 (74) Adams Pluck

(71) THE LUBRIZOL CORPORATION  
 (11) AU-A-2020201704  
 (21) 2020201704 (22) 06.03.2020  
 (54) SYNERGISTIC RUST INHIBITOR COMBINATION FOR LUBRICATING GREASE  
 (51) Int. Cl.  
**C10M 141/10** ( 2006.01 )  
**C10N 30/12** ( 2006.01 )  
**C10N 50/10** ( 2006.01 )

(43) 26.03.2020  
 (62) 2015374445  
 (72) CAPITOSTI, Scott  
 (74) Houlihan<sup>2</sup> Pty Ltd

The Methodist Hospital see Musculoskeletal Transplant Foundation  
 (21) 2019204393

(71) The Regents of the University of California  
 (11) AU-A-2020201775  
 (21) 2020201775 (22) 11.03.2020  
 (54) A novel RNAi molecule delivery platform based on single-siRNA and shRNA nanocapsules  
 (51) Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 31/7105** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018201179  
 (72) Yan, Ming; Liang, Min; Kamata, Masakazu; Wen, Jing; Lu, Yunfeng; Chen, Irvin S.Y.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) The Regents of The University of California  
 (11) AU-A-2020201579  
 (21) 2020201579 (22) 03.03.2020  
 (54) DEVICES FOR INTEGRATING ANALYTE EXTRACTION, CONCENTRATION AND DETECTION  
 (51) Int. Cl.  
**G01N 33/538** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2015226930  
 (72) Kamei, Daniel T.; Chiu, Yin To; Wu, Benjamin M.; Mosley, Garrett L.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

The United States of America, as Represented by the Secretary, Department of Health and Human Services see Aura Biosciences, Inc.  
 (21) 2020201799

(71) Touch Networks Australia Pty Ltd  
 (11) AU-A-2020201684  
 (21) 2020201684 (22) 06.03.2020  
 (54) METHOD OF PROCESSING A TRANSACTION REQUEST  
 (51) Int. Cl.  
**G06F 11/00** ( 2006.01 )  
**G06Q 30/00** ( 2012.01 )  
 (43) 26.03.2020  
 (62) 2014268112  
 (72) VAN, Jason Andrew  
 (74) Griffith Hack

(71) Trends Home Electrical Pte. Ltd.  
 (11) AU-A-2020201659  
 (21) 2020201659 (22) 05.03.2020  
 (54) IMPROVED AIR-CONDITIONER UNIT  
 (51) Int. Cl.  
**F24F 11/00** ( 2006.01 )  
**F24F 13/22** ( 2006.01 )  
**F25B 41/00** ( 2006.01 )  
**B08B 9/032** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**F24F 3/12** ( 2006.01 )  
**F25D 21/14** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017295578  
 (72) Ho, Wee Teck; Tay, Tiau Kai; Tan, Chee Seng  
 (74) Phillips Ormonde Fitzpatrick

(71) Tyme, Inc.  
 (11) AU-A-2020201683  
 (21) 2020201683 (22) 06.03.2020  
 (54) Pharmaceutical compositions and methods  
 (51) Int. Cl.  
**A61K 31/195** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018203026  
 (72) Hoffman, Steven  
 (74) Davies Collison Cave Pty Ltd

(71) UAV Engines Ltd  
 (11) AU-A-2020201724  
 (21) 2020201724 (22) 09.03.2020  
 (54) ROTARY ENGINE ROTOR  
 (51) Int. Cl.  
**F01C 1/22** ( 2006.01 )  
**F01C 19/02** ( 2006.01 )  
**F01C 21/08** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016217936  
 (72) RICHMOND, Roy; BAGNELL, Jon; BID-DULPH, Chris  
 (74) Halfords IP

(71) Unger, E.C.  
 (11) AU-A-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  
 (62) 2015227089  
 (72) Unger, Evan C.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) University of Leicester; Omeros Corporation  
 (11) AU-A-2020201804  
 (21) 2020201804 (22) 12.03.2020



Applications Open to Public Inspection - Name Index cont'd

(54) Methods for inhibiting fibrosis in a subject in need thereof  
 (51) Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2017205453  
 (72) Brunskill, Nigel John; Demopoulos, Gregory A.; Dudler, Thomas; Schwaeble, Hans-Wilhelm  
 (74) FPA Patent Attorneys Pty Ltd

Valerio, T. see TAV HOLDINGS, INC.  
 (21) 2020201679

(71) Valeritas, Inc.  
 (11) AU-A-2020201731  
 (21) 2020201731 (22) 10.03.2020  
 (54) A fluid delivery device having an insertable prefilled cartridge  
 (51) Int. Cl.  
**A61M 5/32** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2019200282  
 (72) Gregory, Christopher C.; Johnson, Matthew P.; Standley, Robert L.  
 (74) Shelston IP Pty Ltd.

(71) Vanderwert, D.  
 (11) AU-A-2019226290  
 (21) 2019226290 (22) 09.09.2019  
 (54) Rotating bottle rack  
 (51) Int. Cl.  
**A47B 73/00** ( 2006.01 )  
 (31) 2018903372 (32) 09.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Vanderwert, Dexter; Vanderwert, Carly  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Vestaron Corporation  
 (11) AU-A-2020201747  
 (21) 2020201747 (22) 10.03.2020  
 (54) Toxic peptide production, peptide expression in plants and combinations of cysteine rich peptides  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**A01N 63/02** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018200652  
 (72) KENNEDY, Robert M.; TEDFORD, William; HENDRICKSON, Christopher; VENABLE, Robert; FOUNE, Catherine; MCINTYRE, John; CARLSON, Alvar; BAO, Lin  
 (74) Spruson & Ferguson

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2020201663  
 (21) 2020201663 (22) 05.03.2020  
 (54) Affinity chromatography devices  
 (51) Int. Cl.  
**B01D 15/22** ( 2006.01 )

**B01D 15/38** ( 2006.01 )  
**B01D 63/08** ( 2006.01 )  
**B01D 63/10** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
**B01J 20/286** ( 2006.01 )  
**G01N 30/60** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016297435  
 (72) MCMANAWAY, Michael C.  
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2020201784  
 (21) 2020201784 (22) 11.03.2020  
 (54) Durable multi-layer high strength polymer composite suitable for implant and articles produced therefrom  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61L 27/48** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018203416  
 (72) BRUCHMAN, William C.; HARTMAN, Cody L.  
 (74) Griffith Hack

(71) Wang Tsai, C.  
 (11) AU-A-2019210510  
 (21) 2019210510 (22) 30.07.2019  
 (54) LABEL STICKER  
 (51) Int. Cl.  
**G09F 3/10** ( 2006.01 )  
 (31) 107131807 (32) 11.09.18 (33) TW  
 (43) 26.03.2020  
 (72) Wang Tsai, Chin-Chih  
 (74) Madderns Pty Ltd

(71) Werner Co.  
 (11) AU-A-2020201646  
 (21) 2020201646 (22) 05.03.2020  
 (54) Stepladder with Latch Stud and Method  
 (51) Int. Cl.  
**E06C 1/383** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2018201936  
 (72) Parker, Thomas W.; Shui, Brian A. Wong; Moore, Devin Lee; Otis, Christian M.; Rios, Erick E.  
 (74) BOSH IP Pty Ltd

(71) Westinghouse Air Brake Technologies Corporation  
 (11) AU-A-2019210506  
 (21) 2019210506 (22) 30.07.2019  
 (54) Railway Brake Cylinder Monitoring System and Method  
 (51) Int. Cl.  
**B60T 17/22** ( 2006.01 )  
**G01D 9/02** ( 2006.01 )  
**G01D 21/00** ( 2006.01 )  
**G01L 7/00** ( 2006.01 )  
**G06F 11/30** ( 2006.01 )  
 (31) 16/127,762 (32) 11.09.18 (33) US

(43) 26.03.2020  
 (72) Gaughan, Edward W.; Potter, William John; Troiani, Vincent F.  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Xinjiang Goldwind Science & Technology Co., Ltd.  
 (11) AU-A-2019226142  
 (21) 2019226142 (22) 04.01.2019  
 (54) Generator and wind turbine  
 (51) Int. Cl.  
**F03D 80/60** ( 2016.01 )  
 (31) 201811039192.1 (32) 06.09.18 (33) CN  
 (43) 26.03.2020  
 (72) Li, Jinhui; Liu, Junwei; Xu, Wenhua  
 (74) Madderns Pty Ltd

(71) Yamaha Hatsudoki Kabushiki Kaisha  
 (11) AU-A-2020201692  
 (21) 2020201692 (22) 06.03.2020  
 (54) Robot and robot control system  
 (51) Int. Cl.  
**B25J 11/00** ( 2006.01 )  
**B25J 9/04** ( 2006.01 )  
**B25J 9/10** ( 2006.01 )  
**B25J 13/00** ( 2006.01 )  
**B25J 19/02** ( 2006.01 )  
 (43) 26.03.2020  
 (62) 2016342272  
 (72) Low, Thomas; De Candia, Thomas; Yun, Seungkook; Egan, Thomas; Chavez, Bryan; Kernbaum, Alexander; Shear, Riley; Gerard, Leonard; Morfey, Stephen; Mahoney, Richard; Vincent, Regis; Birkmeyer, Paul; Morita, Hiroyuki; Muramatsu, Hirokatsu; Nishimura, Keiji; Saijou, Hiroshi; Satou, Akira; Uchiyama, Toshifumi; Watanabe, Hitoshi; Watanabe, Shirou  
 (74) Spruson & Ferguson

Yen, H. see Su, C.  
 (21) 2020201681

(71) Zuma Beach IP Pty Ltd  
 (11) AU-A-2019229391  
 (21) 2019229391 (22) 12.09.2019  
 (54) METHOD AND SYSTEM FOR GENERATING INTERACTIVE MEDIA CONTENT  
 (51) Int. Cl.  
**H04N 5/232** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
**G06K 9/00** ( 2006.01 )  
**G11B 27/031** ( 2006.01 )  
**H04N 5/265** ( 2006.01 )  
 (31) 2018903429 (32) 12.09.18 (33) AU  
 (43) 26.03.2020  
 (72) Palmer, Barry John; Berwick, Stuart Paul; Garbutt, Nathaniel; Lee, James  
 (74) GIRL FRIDAY IP PTY LTD

Numerical Index

2018226494	BAI, B.	2020201654	Nepetx, LLC
2018229413	SOLTEC ENERGIAS RENOVABLES S.L.	2020201655	Precision Planting LLC
2018229424	Smart Sinks Pty Ltd	2020201656	AbbVie Inc.
2018417113	Original Biological Technology Co., Ltd.	2020201658	Araim Pharmaceuticals, Inc.
2019201358	Tata Consultancy Services Limited	2020201659	Trends Home Electrical Pte. Ltd.
2019203646	Fienza Tech Pty Ltd	2020201660	Amazon Technologies, Inc.
2019204317	MX Technologies Inc.	2020201661	Elgi Rubber Company Limited
2019204393	Musculoskeletal Transplant Foundation; The Methodist Hospital	2020201662	Alibaba Group Holding Limited
2019210506	Westinghouse Air Brake Technologies Corporation	2020201663	W. L. Gore & Associates, Inc.
2019210510	Wang Tsai, C.	2020201664	Crown Equipment Corporation
2019210620	Carling Technologies, Inc.	2020201665	Cascade Corporation
2019210625	Carling Technologies, Inc.	2020201666	British American Tobacco (Investments) Limited
2019210631	Pajunk GmbH Medizintechnologie	2020201667	Implantica Patent Ltd
2019216639	Accenture Global Solutions Limited	2020201670	CiDRA Corporate Services Inc.
2019219714	Tata Consultancy Services Limited	2020201679	TAV HOLDINGS, INC.; Valerio, T.
2019219854	iRobot Corporation	2020201680	Unger, E.C.
2019222790	Kimura Kohki Co., Ltd.	2020201681	Su, C.; Yen, H.; Hsu, P.; Chen, C.
2019222842	Northern Development AS	2020201683	Tyme, Inc.
2019222853	China Enfi Engineering Corporation	2020201684	Touch Networks Australia Pty Ltd
2019222869	BIOTRONIK SE & Co. KG	2020201685	Illumina, Inc.
2019222881	Nantong CIMC-Special Transportation Equipment Manufacturing Co., Ltd.; China International Marine Containers (Group) Ltd.; CIMC Containers Holding Company Ltd.	2020201688	Solar Choice Pty Ltd
2019222903	The Boeing Company	2020201690	Altus NZ Limited
2019222907	The Boeing Company	2020201691	Johns Hopkins University; Emory University
2019222936	Apple Inc.	2020201692	Yamaha Hatsudoki Kabushiki Kaisha
2019222939	Niksic, B.	2020201693	Mandometer AB
2019222941	ALSTOM Transport Technologies	2020201695	Sera Prognostics, Inc.
2019222942	Gurtech (Pty) Ltd	2020201696	MIRteq Pty Limited
2019222957	Bruckbauer, W.	2020201697	Marine Canada Acquisition Inc.
2019222964	DePuy Synthes Products, Inc.	2020201699	Google LLC
20192226139	Pall Corporation	2020201700	Saisei Pharma Co., Ltd.
20192226142	Xinjiang Goldwind Science & Technology Co., Ltd.	2020201701	Sera Prognostics, Inc.
20192226177	Melbourne City Council	2020201702	CMS Technology, Inc.
20192226181	IHS Global Design Pty Ltd	2020201703	Hilti Aktiengesellschaft
20192226183	IHS Global Design Pty Ltd	2020201704	THE LUBRIZOL CORPORATION
20192226191	O'Keeffe, W.; Ross, S.	2020201705	Cardinal Health Switzerland 515 GmbH
20192226199	Muscat, R.	2020201706	Cylance Inc.
20192226200	Ausco Products, Inc.	2020201707	Geron Corporation
20192226206	Ausco Products, Inc.	2020201708	Dolby Laboratories Licensing Corporation
20192226208	Ausco Products, Inc.	2020201709	Incyte Holdings Corporation
20192226209	Roadtec, Inc.	2020201710	Syngenta Limited
20192226220	Securetec Detektions-Systeme AG	2020201712	Accenture Global Solutions Limited
20192226222	Hunter Douglas Inc.	2020201713	Schwarze Industries, Inc.
20192226224	Idemia Identity & Security France	2020201714	Aristocrat Technologies Australia Pty Limited
20192226225	The Chamberlain Group, Inc.	2020201716	The Bowden Group
20192226290	Vanderwert, D.	2020201718	Fisher & Paykel Healthcare Limited
20192226295	Tata Consultancy Services Limited	2020201721	Apple Inc.
20192226300	Johnson & Johnson Consumer Inc.	2020201723	Apple Inc.
20192226303	Marantec Antriebs-und Steuerungstechnik GmbH & Co. KG	2020201724	UAV Engines Ltd
20192229356	Christianson Systems, Inc.	2020201726	Dexcom, Inc.
20192229387	FIMCIM S.p.A.	2020201728	Gaba Therapeutics Inc.
20192229391	Zuma Beach IP Pty Ltd	2020201731	Valeritas, Inc.
20192229452	Drill-Bourn Pty Ltd	2020201732	Astute Medical, Inc.
2019284095	Lumus Ltd.	2020201735	Hawthorne Holdings Pty Ltd
2019316539	Graymont Western Canada Inc.	2020201736	De Ridder, D.
2020201453	Permaform Australia Pty Ltd	2020201737	Microsoft Technology Licensing, LLC
2020201557	Avalyn Pharma Inc.	2020201738	NIPPON SUISAN KAISHA, LTD.
2020201579	The Regents of The University of California	2020201739	LG Electronics Inc.
2020201642	Oxitec Limited	2020201741	Carnival Corporation
2020201645	Breakthrough Innovations, LLC	2020201742	Carnival Corporation
2020201646	Werner Co.	2020201743	Epimeron Inc.
2020201647	Dolby International AB	2020201744	Osaka University
2020201648	Apple Inc.	2020201745	Dexcom, Inc.
2020201649	The General Corporation	2020201746	DOTS Technology Corp.
2020201651	Dejero Labs Inc.	2020201747	Vestaron Corporation
2020201652	MASTERCARD INTERNATIONAL INCORPORATED	2020201748	CASIO COMPUTER CO., LTD.
		2020201749	LG Electronics Inc.
		2020201750	Hensley Industries, Inc.
		2020201751	Novobiotic Pharmaceuticals, LLC

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

<b>2020201754</b>	Immodulon Therapeutics Limited
<b>2020201756</b>	Medtronic Xomed, Inc.
<b>2020201757</b>	Opex Corporation
<b>2020201759</b>	Canon Kabushiki Kaisha
<b>2020201760</b>	FluGen, Inc.
<b>2020201762</b>	Johnson & Johnson Consumer Inc.
<b>2020201765</b>	Fisher & Paykel Healthcare Limited
<b>2020201767</b>	Becton, Dickinson and Company
<b>2020201768</b>	ExploraMed NC7, Inc.
<b>2020201771</b>	Microsoft Technology Licensing, LLC
<b>2020201772</b>	ETHICON ENDO-SURGERY, INC.
<b>2020201775</b>	The Regents of the University of California
<b>2020201778</b>	Allergan, Inc.
<b>2020201779</b>	Genomic Health, Inc.
<b>2020201780</b>	Compagnie Generale des Etablissements Michelin
<b>2020201781</b>	Biomedical Concepts LLC; D.T.R. Dermal Therapy Research Inc.
<b>2020201782</b>	Pictometry International Corp.
<b>2020201783</b>	Slingshot Biosciences, Inc.
<b>2020201784</b>	W. L. Gore & Associates, Inc.
<b>2020201785</b>	Conveyor Manufacturers Australia Pty Ltd
<b>2020201789</b>	Taxiprop Pty Ltd
<b>2020201790</b>	Bruin Biometrics, LLC
<b>2020201791</b>	Nisshin Steel Co., Ltd.
<b>2020201792</b>	Arvinas, Inc.
<b>2020201793</b>	Arvinas Operations, Inc.
<b>2020201799</b>	Aura Biosciences, Inc.; The United States of America, as Represented by the Secretary, Department of Health and Hu- man Services
<b>2020201804</b>	University of Leicester; Omeros Corporation
<b>2020201806</b>	Divergent Technologies, Inc.

IPC Index

<b><u>A01D 34 /-</u></b> 2020201655	<b><u>A47B 13 /-</u></b> 2019226183	2020201775 2020201778 2020201781	<b><u>A61M 25 /-</u></b> 2020201705	<b><u>B01D 63 /-</u></b> 2020201663	<b><u>B63H 21 /-</u></b> 2020201697
<b><u>A01H 1 /-</u></b> 2020201743	<b><u>A47B 3 /-</u></b> 2019226181 2019226183	2020201792 2020201793	<b><u>A61M 29 /-</u></b> 2020201705	<b><u>B01J 2 /-</u></b> 2020201762	<b><u>B63H 25 /-</u></b> 2020201697
<b><u>A01H 5 /-</u></b> 2020201743	<b><u>A47B 31 /-</u></b> 2019226181	<b><u>A61K 33 /-</u></b> 2020201702 2020201781	<b><u>A61M 39 /-</u></b> 2019210631	<b><u>B01J 20 /-</u></b> 2020201663	<b><u>B64D 37 /-</u></b> 2019222903
<b><u>A01K 67 /-</u></b> 2020201642	<b><u>A47B 67 /-</u></b> 2019203646	<b><u>A61K 35 /-</u></b> 2020201700 2020201754 2020201781	<b><u>A61M 5 /-</u></b> 2019210631 2020201731 2020201767	<b><u>B03B 9 /-</u></b> 2020201679	<b><u>B64D 45 /-</u></b> 2019222903 2019222907
<b><u>A01N 25 /-</u></b> 2020201702 2020201710	<b><u>A47B 7 /-</u></b> 2019226181	<b><u>A61K 36 /-</u></b> 2020201781	<b><u>A61N 1 /-</u></b> 2019222869 2020201736	<b><u>B08B 9 /-</u></b> 2020201659	<b><u>B65D 81 /-</u></b> 2020201716
<b><u>A01N 37 /-</u></b> 2020201702 2020201710	<b><u>A47B 73 /-</u></b> 2019226290	<b><u>A61K 38 /-</u></b> 2020201654 2020201658 2020201683 2020201781	<b><u>A61P 1 /-</u></b> 2020201654	<b><u>B23B 31 /-</u></b> 2020201756	<b><u>B65D 88 /-</u></b> 2019222881
<b><u>A01N 43 /-</u></b> 2020201710	<b><u>A47B 9 /-</u></b> 2019226181	<b><u>A61K 39 /-</u></b> 2020201680 2020201754 2020201760 2020201799 2020201804	<b><u>A61P 17 /-</u></b> 2020201781	<b><u>B23B 51 /-</u></b> 2020201703 2020201756	<b><u>B65D 90 /-</u></b> 2019222881
<b><u>A01N 45 /-</u></b> 2020201710	<b><u>A47L 11 /-</u></b> 2019219854	<b><u>A61K 45 /-</u></b> 2020201656 2020201744 2020201804	<b><u>A61P 25 /-</u></b> 2020201738	<b><u>B23D 71 /-</u></b> 2020201661	<b><u>B65F 1 /-</u></b> 2019226177
<b><u>A01N 51 /-</u></b> 2020201710	<b><u>A47L 5 /-</u></b> 2020201749	<b><u>A61K 47 /-</u></b> 2020201649 2020201775 2020201778	<b><u>A61P 29 /-</u></b> 2020201738	<b><u>B25J 11 /-</u></b> 2020201692	<b><u>B65G 1 /-</u></b> 2020201757
<b><u>A01N 59 /-</u></b> 2020201702	<b><u>A47L 7 /-</u></b> 2020201749	<b><u>A61K 48 /-</u></b> 2020201775	<b><u>A61P 3 /-</u></b> 2020201738	<b><u>B25J 13 /-</u></b> 2020201692	<b><u>B65G 15 /-</u></b> 2020201785
<b><u>A01N 63 /-</u></b> 2020201747	<b><u>A47L 9 /-</u></b> 2020201739 2020201749	<b><u>A61K 49 /-</u></b> 2020201656 2020201744 2020201804	<b><u>A61P 31 /-</u></b> 2020201654 2020201656 2020201700	<b><u>B25J 19 /-</u></b> 2020201692	<b><u>B65G 21 /-</u></b> 2020201785
<b><u>A01P 1 /-</u></b> 2020201702	<b><u>A61B 17 /-</u></b> 2019222964 2020201756 2020201772	<b><u>A61K 8 /-</u></b> 2019226300 2020201781	<b><u>A61P 35 /-</u></b> 2020201680 2020201683 2020201700 2020201738 2020201744 2020201754	<b><u>B25J 9 /-</u></b> 2020201692	<b><u>B65G 39 /-</u></b> 2020201785
<b><u>A01P 13 /-</u></b> 2020201710	<b><u>A61B 5 /-</u></b> 2019222842 2020201681 2020201726 2020201748 2020201765 2020201768 2020201790	<b><u>A61K 9 /-</u></b> 2020201557 2020201649 2020201680 2020201762 2020201775 2020201778 2020201781	<b><u>A61P 37 /-</u></b> 2020201738 2020201744	<b><u>B28D 1 /-</u></b> 2019226209	<b><u>B65G 41 /-</u></b> 2020201785
<b><u>A01P 21 /-</u></b> 2020201710	<b><u>A61C 1 /-</u></b> 2020201756	<b><u>A61K 8 /-</u></b> 2019226300 2020201781	<b><u>A61P 43 /-</u></b> 2020201744	<b><u>B29C 67 /-</u></b> 2020201806	<b><u>B66F 9 /-</u></b> 2020201665
<b><u>A01P 3 /-</u></b> 2020201710	<b><u>A61F 2 /-</u></b> 2019204393 2020201667 2020201705 2020201784	<b><u>A61L 2 /-</u></b> 2020201702	<b><u>A61P 7 /-</u></b> 2020201738	<b><u>B29D 30 /-</u></b> 2020201661	<b><u>C02F 1 /-</u></b> 2019316539 2020201659
<b><u>A01P 7 /-</u></b> 2020201710	<b><u>A61K 31 /-</u></b> 2019226300 2020201557 2020201656 2020201680 2020201683 2020201707 2020201728 2020201738 2020201744	<b><u>A61L 27 /-</u></b> 2019204393 2020201784	<b><u>A61P 9 /-</u></b> 2020201738	<b><u>B32B 17 /-</u></b> 2019226191	<b><u>C07C 57 /-</u></b> 2020201738
<b><u>A23C 9 /-</u></b> 2018417113		<b><u>A61M 1 /-</u></b> 2020201768	<b><u>A61P 37 /-</u></b> 2020201738 2020201744	<b><u>B60T 13 /-</u></b> 2019226208	<b><u>C07C 69 /-</u></b> 2020201738
<b><u>A23D 9 /-</u></b> 2020201738		<b><u>A61M 16 /-</u></b> 2020201718 2020201765	<b><u>A61P 43 /-</u></b> 2020201744	<b><u>B60T 17 /-</u></b> 2019210506	<b><u>C07D 231 /-</u></b> 2020201709
<b><u>A23L 3 /-</u></b> 2020201702			<b><u>A61P 7 /-</u></b> 2020201738	<b><u>B61L 27 /-</u></b> 2019222941	<b><u>C07D 233 /-</u></b> 2020201792
<b><u>A23L 33 /-</u></b> 2020201654			<b><u>A61P 9 /-</u></b> 2020201738	<b><u>B62D 21 /-</u></b> 2020201806	<b><u>C07D 401 /-</u></b> 2020201792 2020201793
<b><u>A24D 1 /-</u></b> 2020201666			<b><u>A61Q 19 /-</u></b> 2019226300 2020201781	<b><u>B62D 35 /-</u></b> 2020201780	<b><u>C07D 403 /-</u></b> 2020201793
<b><u>A41D 27 /-</u></b> 2020201645			<b><u>A63F 13 /-</u></b> 2019229391 2020201714	<b><u>B63B 21 /-</u></b> 2019226199	<b><u>C07D 417 /-</u></b> 2020201793
<b><u>A45C 11 /-</u></b> 2020201737			<b><u>B01D 15 /-</u></b> 2020201663	<b><u>B63H 20 /-</u></b> 2020201697	<b><u>C07D 471 /-</u></b> 2020201792
			<b><u>B01D 29 /-</u></b> 2019226139		

Applications Open to Public Inspection - IPC Index cont'd

<b>C07D 487 /-</b> 2020201709	<b>C12Q 1 /-</b> 2020201685 2020201691 2020201743 2020201779	<b>E21F 17 /-</b> 2020201785	<b>F24F 13 /-</b> 2019222957 2020201659	<b>G06F 11 /-</b> 2019210506 2020201684	<b>G16H 20 /-</b> 2020201693
<b>C07D 491 /-</b> 2020201792		<b>F01C 1 /-</b> 2020201724	<b>F24F 3 /-</b> 2020201659	<b>G06F 17 /-</b> 2020201712 2020201721 2020201782	<b>G16Z 99 /-</b> 2020201670
<b>C07F 5 /-</b> 2020201709	<b>C21D 1 /-</b> 2019222907	<b>F01C 19 /-</b> 2020201724	<b>F24F 5 /-</b> 2019222790	<b>G06F 21 /-</b> 2020201771	<b>H01B 5 /-</b> 2020201791
<b>C07F 7 /-</b> 2020201709	<b>C22B 23 /-</b> 2019222853	<b>F01C 21 /-</b> 2020201724	<b>F24S 10 /-</b> 2018226494	<b>G06F 3 /-</b> 2019219714 2019219854 2020201648 2020201723	<b>H01R 13 /-</b> 2019222869
<b>C07H 21 /-</b> 2020201707	<b>C22B 3 /-</b> 2019222853	<b>F03D 80 /-</b> 2019226142	<b>F25B 41 /-</b> 2020201659	<b>G06F 30 /-</b> 2019216639	<b>H01R 24 /-</b> 2019222869
<b>C07K 11 /-</b> 2020201751	<b>C23C 2 /-</b> 2020201791	<b>F16B 1 /-</b> 2020201750	<b>F25D 21 /-</b> 2020201659	<b>G06F 9 /-</b> 2020201660 2020201706 2020201712	<b>H02H 1 /-</b> 2019210620 2019210625
<b>C07K 14 /-</b> 2020201747	<b>C40B 30 /-</b> 2020201732	<b>F16B 19 /-</b> 2020201750	<b>G01D 21 /-</b> 2019210506	<b>G06K 9 /-</b> 2019216639 2019226224 2019229391 2020201662	<b>H02S 40 /-</b> 2018229413
<b>C07K 16 /-</b> 2020201804	<b>C40B 40 /-</b> 2020201746	<b>F16B 37 /-</b> 2019222903 2019222907 2020201703	<b>G01D 9 /-</b> 2019210506	<b>G06L 12 /-</b> 2019216639 2019226224 2019229391 2020201662	<b>H04B 1 /-</b> 2020201741 2020201742
<b>C08K 7 /-</b> 2020201696	<b>C40B 60 /-</b> 2020201732	<b>F16B 5 /-</b> 2020201703	<b>G01G 19 /-</b> 2020201693	<b>H04L 29 /-</b> 2019226295	
<b>C08L 101 /-</b> 2020201696	<b>D03D 15 /-</b> 2019226222	<b>F16B 7 /-</b> 2020201806	<b>G01L 7 /-</b> 2019210506	<b>H04L 9 /-</b> 2020201652	
<b>C08L 31 /-</b> 2020201696	<b>E01C 23 /-</b> 2019226209	<b>F16D 41 /-</b> 2019229356	<b>G01N 27 /-</b> 2019222936	<b>H04M 1 /-</b> 2020201737	
<b>C08L 63 /-</b> 2020201696	<b>E01H 1 /-</b> 2020201713	<b>F16D 55 /-</b> 2019226206 2019226208	<b>G01N 30 /-</b> 2020201663	<b>H04N 1 /-</b> 2020201708	
<b>C08L 67 /-</b> 2020201696	<b>E02B 17 /-</b> 2019226199	<b>F16D 65 /-</b> 2019226200 2019226208	<b>G01N 33 /-</b> 2020201579 2020201695 2020201701 2020201732 2020201779 2020201783	<b>H04N 13 /-</b> 2020201759	
<b>C10M 141 /-</b> 2020201704	<b>E02B 3 /-</b> 2019226199	<b>F16L 25 /-</b> 2020201735	<b>G02B 27 /-</b> 2019284095	<b>H04N 19 /-</b> 2020201708	
<b>C10N 30 /-</b> 2020201704	<b>E02F 9 /-</b> 2020201750	<b>F16L 27 /-</b> 2020201735	<b>G02B 6 /-</b> 2019284095	<b>H04N 5 /-</b> 2019204317 2019229391 2020201708 2020201759	
<b>C10N 50 /-</b> 2020201704	<b>E04G 11 /-</b> 2020201453	<b>F16L 47 /-</b> 2020201735	<b>G02F 1 /-</b> 2019284095	<b>H04W 12 /-</b> 2020201741 2020201742 2020201771	
<b>C11C 3 /-</b> 2020201738	<b>E04G 9 /-</b> 2020201453	<b>F16L 49 /-</b> 2020201735	<b>G04B 19 /-</b> 2019222939	<b>H04W 24 /-</b> 2020201651	
<b>C12M 1 /-</b> 2020201732	<b>E05D 13 /-</b> 2019226303	<b>F16M 1 /-</b> 2019229452	<b>G05B 15 /-</b> 2020201806	<b>H04W 28 /-</b> 2020201651	
<b>C12N 15 /-</b> 2020201642 2020201685 2020201691 2020201707 2020201743 2020201747 2020201760	<b>E05D 15 /-</b> 2019226303 2020201690	<b>F16M 11 /-</b> 2019229452	<b>G05B 19 /-</b> 2019219854	<b>H04W 4 /-</b> 2020201741 2020201742	
	<b>E05F 15 /-</b> 2019226225 2019226303	<b>F16N 3 /-</b> 2019222942	<b>G05D 1 /-</b> 2019219854	<b>H05K 5 /-</b> 2019226220	
	<b>E06B 1 /-</b> 2019203646	<b>F16N 5 /-</b> 2019222942	<b>G05D 3 /-</b> 2019222941		
<b>C12N 7 /-</b> 2020201760	<b>E06B 9 /-</b> 2019226222	<b>F24F 1 /-</b> 2019222790	<b>G06F 1 /-</b> 2020201737 2020201745		
<b>C12N 9 /-</b> 2020201654 2020201743	<b>E06C 1 /-</b> 2020201646	<b>F24F 11 /-</b> 2019229387 2020201659			
<b>C12P 17 /-</b> 2020201743	<b>E21F 13 /-</b> 2020201785				

Applications Open to Public Inspection - IPC Index cont'd

No IPC Mark

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.)

- 
- (71) Apple Inc.  
 (11) AU-A-2020100221  
 (21) 2020100221 (22) 14.02.2020  
 (54) Housing and antenna architecture for mobile device  
 (51) Int. Cl.  
     H04M 1/02 ( 2006.01 )  
     H01Q 1/22 ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2019100180  
 (72) FROESE, Kevin M.; LEUTHEUSER, Paul U.; AUCLAIR, Martin J; DURNING, Christopher J.; HAM, Jun Sik; BROWNING, Lucy E.; COHEN, Sawyer I.; DINH, Richard Hung Minh; PARR, Donald J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2020100243  
 (21) 2020100243 (22) 19.02.2020  
 (54) Watchbands with hook and loop fasteners  
 (51) Int. Cl.  
     A44C 5/00 ( 2006.01 )  
     A44C 5/20 ( 2006.01 )  
 (45) 26.03.2020  
 (62) PCT/US2018/041652  
 (72) SHAFFER, Benjamin A.; HAMADA, Yoji; HATANAKA, Motohide; CHEN, Hsiang-Hung; SHIRAIISHI, Eiryo  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
 (11) AU-A-2016102438  
 (21) 2016102438 (22) 27.12.2016  
 (54) Systems and methods for displaying an identity relating to a service request  
 (51) Int. Cl.  
     G08G 1/00 ( 2006.01 )  
 (31) 201610356149.2 (32) 25.05.16 (33) CN  
 (45) 26.03.2020  
 (72) Li, Qi  
 (74) Shelston IP Pty Ltd.
- 
- BIAN, Y. see WU, D.  
 (21) 2020100225
- 
- BIAN, Y. see WU, D.  
 (21) 2020100269
- 
- BIAN, Y. see WU, D.  
 (21) 2020100270
- 
- (71) BISSELL Inc.  
 (11) AU-A-2020100233  
 (21) 2020100233 (22) 18.02.2020  
 (54) Surface cleaning apparatus with drying cycle  
 (51) Int. Cl.  
     A47L 11/30 ( 2006.01 )  
     A47L 5/30 ( 2006.01 )  
     A47L 7/02 ( 2006.01 )  
     A47L 11/40 ( 2006.01 )  
 (31) 62/810,525 (32) 26.02.19 (33) US  
 (45) 26.03.2020  
 (72) ASHBAUGH, Kurt; PRUIETT, Jason W.; MILLER, David M.; VANTONGEREN, Todd R.  
 (74) Griffith Hack
- 
- CAO, Y. see WU, D.  
 (21) 2020100225
- 
- Chengdu Fenglan Technology Co.,Ltd. see Sichuan New Hope Animal Husbandry Technology Co., Ltd.  
 (21) 2020100252
- 
- (71) Chengdu University of Information Technology  
 (11) AU-A-2020100261  
 (21) 2020100261 (22) 24.02.2020  
 (54) THE QUANTUM SECRET INFORMATION DIRECT COMMUNICATION METHOD WITH MUTUAL AUTHENTICATION  
 (51) Int. Cl.  
     H04L 9/32 ( 2006.01 )  
     H04L 9/08 ( 2006.01 )  
     H04L 29/06 ( 2006.01 )  
 (31) 202010025033.7 (32) 10.01.20 (33) CN  
 (45) 26.03.2020  
 (72) Yan, Lili; Zhang, Shibin; Chang, Yan  
 (74) Maddersn Pty Ltd
- 
- (71) Chengdu University of Information Technology  
 (11) AU-A-2020100264  
 (21) 2020100264 (22) 24.02.2020  
 (54) A PRACTICAL ONE-WAY QUANTUM PRIVATE QUERY METHOD  
 (51) Int. Cl.  
     H04L 9/08 ( 2006.01 )  
     G06N 10/00 ( 2019.01 )  
 (31) 202010078271.4 (32) 03.02.20 (33) CN  
 (45) 26.03.2020  
 (72) Yan, Lili; Zhang, Shibin; Chang, Yan  
 (74) Maddersn Pty Ltd
- 
- (71) Chengdu University of Information Technology  
 (11) AU-A-2020100265  
 (21) 2020100265 (22) 24.02.2020  
 (54) A TWO-WAY QUANTUM PRIVATE QUERY METHOD BASED ON BELL STATES  
 (51) Int. Cl.  
     H04L 9/08 ( 2006.01 )  
     G06F 21/62 ( 2013.01 )  
     H04L 9/00 ( 2006.01 )  
 (31) 202010078254.0 (32) 03.02.20 (33) CN  
 (45) 26.03.2020  
 (72) Yan, Lili; Zhang, Shibin; Chang, Yan  
 (74) Maddersn Pty Ltd
- 
- (71) CHINA UNIVERSITY OF GEOSCIENCES (WUHAN)  
 (11) AU-A-2020100250  
 (21) 2020100250 (22) 20.02.2020  
 (54) Indoor stimulation test system for carbon dioxide blast cracking of hot dry rock  
 (51) Int. Cl.  
     G01N 29/14 ( 2006.01 )  
     G01H 17/00 ( 2006.01 )  
     G01N 3/307 ( 2006.01 )  
     G01N 19/08 ( 2006.01 )  
     G01N 29/04 ( 2006.01 )  
     G01N 33/24 ( 2006.01 )  
 (31) 201910481068.9 (32) 04.06.19 (33) CN  
 (45) 26.03.2020  
 (72) DOU, Bin; XU, Chao; TIAN, Hong; ZHENG, Jun; CHEN, Jie; LUO, Shengyin  
 (74) Griffith Hack
- 
- (71) DaVinci II CSJ, LLC  
 (11) AU-A-2020100259  
 (21) 2020100259 (22) 24.02.2020  
 (54) Hinged shelf container  
 (51) Int. Cl.  
     A47B 46/00 ( 2006.01 )  
     A45C 3/00 ( 2006.01 )  
     A47G 25/00 ( 2006.01 )  
     A47G 25/08 ( 2006.01 )  
 (45) 26.03.2020  
 (62) PCT/US2019/021835  
 (72) STILLEY, Russell L.  
 (74) FB Rice Pty Ltd
- 
- (71) EOS-ENVIRO/EOS Import and Export Ltd.  
 (11) AU-A-2020100228  
 (21) 2020100228 (22) 17.02.2020  
 (54) Filter Mask with UVC LED  
 (51) Int. Cl.  
     A41D 13/11 ( 2006.01 )  
     A61L 2/10 ( 2006.01 )  
     A62B 7/10 ( 2006.01 )  
     A62B 23/02 ( 2006.01 )

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

(45) 26.03.2020  
 (72) Assmann, Martin Christoph; Hsiao, Jui Chih  
 (74) EOS Import and Export Ltd.

---

(71) FUZHOU AUTRAN INDUSTRIAL CO.,LTD  
 (11) AU-A-2020100262  
 (21) 2020100262 (22) 24.02.2020  
 (54) HINGE WITH AUTOMATIC TENSION ADJUSTMENT  
 (51) Int. Cl.  
*E05F 1/12* ( 2006.01 )  
*E05D 7/00* ( 2006.01 )  
*E05D 11/00* ( 2006.01 )  
 (31) 201920231287.7 (32) 25.02.19 (33) CN  
 (45) 26.03.2020  
 (72) XUE, Ming  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Fyproshell Pty Ltd  
 (11) AU-A-2020100143  
 (21) 2020100143 (22) 29.01.2020  
 (54) Moving Petals  
 (51) Int. Cl.  
*E04H 9/14* ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2020100040  
 (72) Kovarfi, Attila  
 (74) Fyproshell Pty Ltd

(71) Gansu Agricultural University  
 (11) AU-A-2020100229  
 (21) 2020100229 (22) 17.02.2020  
 (54) ACTIVATED CARBON PREPARED FROM BIOMASS WASTE, PREPARATION METHOD THEREOF, AND USE THEREOF IN TREATMENT OF NITROPHENOL COMPOUNDS IN WASTEWATER  
 (51) Int. Cl.  
*C01B 32/342* ( 2017.01 )  
*C01B 32/324* ( 2017.01 )  
 (31) 201911298521.9 (32) 17.12.19 (33) CN  
 (45) 26.03.2020  
 (72) LIU, Yani; QIN, Lijuan; XUE, Huali  
 (74) AJ Pietras IP Limited

(71) Hicor Technologies, Inc.  
 (11) AU-A-2020100220  
 (21) 2020100220 (22) 14.02.2020  
 (54) Compressor  
 (51) Int. Cl.  
*F01C 21/08* ( 2006.01 )  
*F04C 18/46* ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2016242821  
 (72) WALTON, John; NELSON, Phil; PITTS, Jeremy  
 (74) FPA Patent Attorneys Pty Ltd

Huang, S. see Yang, Y.  
 (21) 2020100274

Huang, S. see Yang, Y.

(21) 2020100275

---

(71) Hurst, M.  
 (11) AU-A-2020100272  
 (21) 2020100272 (22) 25.02.2020  
 (54) Twist resistant roof structure  
 (51) Int. Cl.  
*E04D 13/16* ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2016202581,2019100456  
 (72) Hurst, Mario  
 (74) Spruson & Ferguson

(71) Implant Solutions Pty Ltd  
 (11) AU-A-2019101679  
 (21) 2019101679 (22) 23.12.2019  
 (54) A dental prosthesis  
 (51) Int. Cl.  
*A61C 13/00* ( 2006.01 )  
*A61C 8/00* ( 2006.01 )  
*A61C 13/225* ( 2006.01 )  
*A61C 13/34* ( 2006.01 )  
 (45) 26.03.2020  
 (62) PCT/AU2019/051222  
 (72) Tuckman, Michael  
 (74) FPA Patent Attorneys Pty Ltd

(71) Invention Holdings Pty Ltd  
 (11) AU-A-2020100232  
 (21) 2020100232 (22) 18.02.2020  
 (54) An Accessory for Tiling  
 (51) Int. Cl.  
*E04F 21/22* ( 2006.01 )  
*E04F 21/18* ( 2006.01 )  
 (45) 26.03.2020  
 (72) Castellanos, Peter  
 (74) Eagar & Associates Pty Ltd

(71) Jiangsu Champion Technology Group Co., Ltd.  
 (11) AU-A-2020100240  
 (21) 2020100240 (22) 19.02.2020  
 (54) EXEMPT SOLVENT AND PREPARATION METHOD AND APPLICATION THEREOF  
 (51) Int. Cl.  
*C09D 7/20* ( 2018.01 )  
*C08K 5/04* ( 2006.01 )  
*C08K 5/06* ( 2006.01 )  
*C08K 5/10* ( 2006.01 )  
 (45) 26.03.2020  
 (72) XIE, Hai; HU, Ming; QIAN, Jinjun  
 (74) Burns IP & Commercial Pty Ltd

(71) Just Pure Holdings Pty Ltd  
 (11) AU-A-2020100231  
 (21) 2020100231 (22) 17.02.2020  
 (54) PREPARATION FOR TREATMENT OF COLIC  
 (51) Int. Cl.  
*A61K 36/534* ( 2006.01 )  
*A23F 3/18* ( 2006.01 )  
*A61K 31/715* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
*A61P 1/06* ( 2006.01 )

(45) 26.03.2020  
 (72) Crawford, Ian  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Kreiviz, A.  
 (11) AU-A-2020100236  
 (21) 2020100236 (22) 18.02.2020  
 (54) Magic Ginger Bread sweetened with honey: Ingredients: 100% Australian - honey, ginger, garlic, lupin  
 (51) Int. Cl.  
*A21D 2/36* ( 2006.01 )  
*A21D 2/34* ( 2006.01 )  
*A21D 2/38* ( 2006.01 )  
 (45) 26.03.2020  
 (72) Kreiviz, Alex  
 (74) Alex Kreiviz

(71) Leslie, C.  
 (11) AU-A-2020100235  
 (21) 2020100235 (22) 18.02.2020  
 (54) A LAWN BOWLS SCORING AND GAME MONITORING ARRANGEMENT  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*A63B 71/06* ( 2006.01 )  
*G06F 15/00* ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2015234682  
 (72) Leslie, Michael  
 (74) Collison & Co

Li, H. see Yang, Y.  
 (21) 2020100274

(71) LIN, J.  
 (11) AU-A-2020100260  
 (21) 2020100260 (22) 24.02.2020  
 (54) Cat Mat  
 (51) Int. Cl.  
*A01K 1/015* ( 2006.01 )  
 (45) 26.03.2020  
 (72) LIN, JIOU-JIU  
 (74) Collison & Co

(71) Liveshop Pty Ltd  
 (11) AU-A-2020100230  
 (21) 2020100230 (22) 17.02.2020  
 (54) Online shopping system  
 (51) Int. Cl.  
*G06Q 30/04* ( 2012.01 )  
 (45) 26.03.2020  
 (72) Lawton, Joseph  
 (74) Spruson & Ferguson

LUO, C. see WU, D.  
 (21) 2020100225

(71) MAX & WILS PTY. LTD.  
 (11) AU-A-2020100237  
 (21) 2020100237 (22) 19.02.2020



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

- (54) APPARATUS TO CREATE STEP LEVEL CHANGES IN CONCRETE BUILDING SLABS  
(51) Int. Cl.  
*E04G 17/14* ( 2006.01 )  
*E04G 25/00* ( 2006.01 )  
(45) 26.03.2020  
(62) 2017203638  
(72) Pantano, Antonio  
(74) PIPERS
- 
- New Hope Liuhe Limited Liability Company  
see Sichuan New Hope Animal Husbandry  
Technology Co., Ltd.  
(21) 2020100252
- 
- (71) Pujiang Left and Right Industry and Trade Co., Ltd.  
(11) AU-A-2019101456  
(21) 2019101456 (22) 26.11.2019  
(54) Automobile trailer hook with buffer mechanism  
(51) Int. Cl.  
*B60D 1/04* ( 2006.01 )  
*B60D 1/32* ( 2006.01 )  
(31) 2019214107981 (32) 28.08.19 (33) CN  
(45) 26.03.2020  
(72) Hong, Chao  
(74) Xueyang Song
- 
- (71) Pujiang Left and Right Industry and Trade Co., Ltd.  
(11) AU-A-2019101460  
(21) 2019101460 (22) 26.11.2019  
(54) Molding mechanism for processing claw hooks  
(51) Int. Cl.  
*B29C 45/42* ( 2006.01 )  
*B29C 45/17* ( 2006.01 )  
(31) 2019214260479 (32) 30.08.19 (33) CN  
(45) 26.03.2020  
(72) Hong, Chao  
(74) Xueyang Song
- 
- (71) Qilu University of Technology  
(11) AU-A-2020100246  
(21) 2020100246 (22) 19.02.2020  
(54) METHOD FOR PREPARING ENRICHED XYLOBIOSE TO XYLOTETRAOSE FROM EUCALYPTUS HYDROTHERMAL PRETREATMENT LIQUID  
(51) Int. Cl.  
*C12P 19/14* ( 2006.01 )  
*A23L 33/125* ( 2016.01 )  
*C12N 9/24* ( 2006.01 )  
*C12P 19/00* ( 2006.01 )  
*C12P 19/12* ( 2006.01 )  
(31) 201910151583.0 (32) 28.02.19 (33) CN  
(45) 26.03.2020  
(72) CHEN, Jiachuan; YANG, Guihua; JI, Xingxiang; DONG, Jiran; XU, Feng  
(74) INNOFY PTY LTD
- 
- (71) Razer (Asia-Pacific) Pte. Ltd.  
(11) AU-A-2020100266  
(21) 2020100266 (22) 24.02.2020
- 
- (54) Headphone driver  
(51) Int. Cl.  
*H04R 1/00* ( 2006.01 )  
(45) 26.03.2020  
(72) FU, Jian  
(74) FB Rice Pty Ltd
- 
- (71) Research Institute of Resource Insects, Chinese Academy of Forestry  
(11) AU-A-2020100222  
(21) 2020100222 (22) 14.02.2020  
(54) METHOD OF INTRODUCING DOUBLE-STRANDED DNA INTO THE BODY OF KERRIA CHINENSIS  
(51) Int. Cl.  
*C12N 15/66* ( 2006.01 )  
*C12N 15/74* ( 2006.01 )  
(31) 201910181801.5 (32) 11.03.19 (33) CN  
(45) 26.03.2020  
(72) Chen, Hang; Wang, Weiwei; Ling, Xiaofei; Lu, Qin; Liu, Pengfei; Zhang, Jinwen; Chen, Xiaoming  
(74) LESICAR MAYNARD ANDREWS PTY LTD
- 
- (71) Research Institute of Subtropical Forestry, Chinese Academy of Forestry  
(11) AU-A-2020100239  
(21) 2020100239 (22) 19.02.2020  
(54) METHOD FOR EVALUATING RESIN VALUE OF PINUS ELLIOTTII STAND BY USING NEAR-INFRARED SPECTROSCOPY  
(51) Int. Cl.  
*G01N 33/44* ( 2006.01 )  
*G01N 21/359* ( 2014.01 )  
*G01N 30/72* ( 2006.01 )  
(31) 201911274422.7 (32) 12.12.19 (33) CN  
(45) 26.03.2020  
(72) LUAN, Qifu; DIAO, Shu; TAO, Xueyu; JIANG, Jingmin  
(74) Burns IP & Commercial Pty Ltd
- 
- (71) SAS Systems Australia IP Pty Ltd  
(11) AU-A-2020100244  
(21) 2020100244 (22) 19.02.2020  
(54) IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE  
(51) Int. Cl.  
*E04H 17/14* ( 2006.01 )  
*E04F 11/18* ( 2006.01 )  
*E04H 17/00* ( 2006.01 )  
*E04H 17/20* ( 2006.01 )  
(45) 26.03.2020  
(62) 2016218930  
(72) Thomas, Leslie James  
(74) Ahearn Fox
- 
- (71) Shanghai Academy of Agricultural Sciences  
(11) AU-A-2020100249  
(21) 2020100249 (22) 20.02.2020  
(54) METHOD AND DEVICE FOR PREDICTING PRODUCT PRICE AND COMPUTER MEDIUM  
(51) Int. Cl.  
*G06Q 10/04* ( 2012.01 )  
(31) 201910347191.1 (32) 26.04.19 (33) CN  
(45) 26.03.2020  
(72) YANG, Juan; ZHAO, Jingyin; QIAN, Tingting; ZHENG, Xiuguo  
(74) Burns IP & Commercial Pty Ltd
- 
- (71) SHEN, W.  
(11) AU-A-2020100254  
(21) 2020100254 (22) 21.02.2020  
(54) A ride-booking vehicle signage holder for ride-booking vehicles  
(51) Int. Cl.  
*G09F 21/04* ( 2006.01 )  
(45) 26.03.2020  
(72) SHEN, WEIJIAN  
(74) WEIJIAN SHEN
- 
- (71) Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd.  
(11) AU-A-2020100252  
(21) 2020100252 (22) 21.02.2020  
(54) METHOD FOR PRODUCING WET-BASE FERMENTED SOYBEAN MEAL BY USING MOVABLE PLATFORM, AND USE THEREOF IN FEED  
(51) Int. Cl.  
*A23L 7/104* ( 2016.01 )  
*A23J 3/16* ( 2006.01 )  
*A23L 33/135* ( 2016.01 )  
*A23L 33/16* ( 2016.01 )  
*A23L 35/00* ( 2016.01 )  
(31) 201910131348.7 (32) 22.02.19 (33) CN  
(45) 26.03.2020  
(72) ZHU, Zhengpeng; ZHANG, Aoran; YAN, Lei; QIAO, Xuwei; LI, Bin; HU, Shengdi; LI, Wei  
(74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Solomon, K.  
(11) AU-A-2020100223  
(21) 2020100223 (22) 15.02.2020  
(54) Reversible Liquid/Solid Phase Change Composition  
(51) Int. Cl.  
*C09K 5/06* ( 2006.01 )  
(31) 2019900800 (32) 11.03.19 (33) AU

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

(45) 26.03.2020  
(72) Solomon, Kester  
(74) Kester Solomon

SONG, J. see WU, D.  
(21) 2020100269

(71) SOUL & WOLF PTY LTD  
(11) AU-A-2020100253  
(21) 2020100253 (22) 21.02.2020  
(54) Automation of CMS Development for a Website or Web Application

(51) Int. Cl.  
G06F 8/35 ( 2018.01 )  
G06F 8/60 ( 2018.01 )

(45) 26.03.2020  
(72) Rosano, Marco  
(74) SOUL & WOLF PTY LTD

(71) Think Enterprises Limited  
(11) AU-A-2020100255  
(21) 2020100255 (22) 21.02.2020  
(54) GOALPOST LIGHTING POWER SUPPLY SYSTEM

(51) Int. Cl.  
A63B 63/00 ( 2006.01 )  
F21S 9/02 ( 2006.01 )

(31) 751477 (32) 08.03.19 (33) NZ  
(45) 26.03.2020  
(72) Hooker, Bronwyn Jane; Hooker, Stephen  
(74) Iphiphany - Intellectual Property

(71) Think Enterprises Limited  
(11) AU-A-2020100256  
(21) 2020100256 (22) 21.02.2020  
(54) GOALPOST CLADDING

(51) Int. Cl.  
F21V 15/02 ( 2006.01 )  
A63B 63/00 ( 2006.01 )  
G09F 13/20 ( 2006.01 )  
G09F 13/22 ( 2006.01 )

(31) 751477 (32) 08.03.19 (33) NZ  
(45) 26.03.2020  
(72) Hooker, Bronwyn Jane; Hooker, Stephen  
(74) Iphiphany - Intellectual Property

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(11) AU-A-2019101720  
(21) 2019101720 (22) 13.02.2019  
(54) Non-autonomous electric garden tool and method for controlling operation of non-autonomous electric garden tool

(51) Int. Cl.  
G05B 13/00 ( 2006.01 )  
A01B 76/00 ( 2006.01 )  
G05B 15/00 ( 2006.01 )

(31) 18156801.5 (32) 14.02.18 (33) EP  
(45) 26.03.2020  
(72) LEE, Hei Man; CHEUNG, Ngai  
(74) Griffith Hack

(71) VANADIA PTY LTD  
(11) AU-A-2020100276  
(21) 2020100276 (22) 25.02.2020

(54) This is an extraction process which maximises resource utilisation by pre-concentrating vanadium oxides from overburden above a metal deposit and from vanadium-bearing iron ore deposits.

(51) Int. Cl.  
C22B 34/22 ( 2006.01 )  
C01G 31/02 ( 2006.01 )  
C05D 9/02 ( 2006.01 )

(45) 26.03.2020  
(62) 2019100569  
(72) Edser, Garry Alexander; Paynter, Greg Thomas; Starr, Kristine Jayne  
(74) VANADIA PTY LTD

(71) Vision Composite Products, LLC  
(11) AU-A-2020100248  
(21) 2020100248 (22) 20.02.2020  
(54) TWO PIECE WHEEL

(51) Int. Cl.  
B60B 25/00 ( 2006.01 )  
B60B 25/12 ( 2006.01 )  
B60B 25/22 ( 2006.01 )  
B60C 29/06 ( 2006.01 )

(45) 26.03.2020  
(62) 2018313812  
(72) Dudley, Alan; Mathew, John P.; Hall, Nick  
(74) Phillips Ormonde Fitzpatrick

Wu, X. see Yang, Y.  
(21) 2020100275

(71) WU, D.; CAO, Y.; LUO, C.; BIAN, Y.  
(11) AU-A-2020100225  
(21) 2020100225 (22) 16.02.2020  
(54) TWO-TIER NETWORKS PLATFORM AND SYSTEM WITH APPLICATION TO DEBT RISK ANALYSIS

(51) Int. Cl.  
G06Q 40/02 ( 2012.01 )

(45) 26.03.2020  
(72) WU, DESHENG; CAO, Yuan; LUO, Cuicui; BIAN, Yuan  
(74) DESHENG WU

(71) WU, D.; SONG, J.; BIAN, Y.  
(11) AU-A-2020100269  
(21) 2020100269 (22) 25.02.2020  
(54) The SYSTEM AND PLATFORM OF WATER ECOLOGICAL COMPREHENSIVE COMPENSATION

(51) Int. Cl.  
G06Q 50/06 ( 2012.01 )

(45) 26.03.2020  
(72) WU, DESHENG; SONG, Jingxiu; BIAN, Yuan  
(74) DESHENG WU

(71) WU, D.; BIAN, Y.  
(11) AU-A-2020100270  
(21) 2020100270 (22) 25.02.2020  
(54) DYNAMIC SYSTEM FOR EPIDEMIC DISEASE OUTBREAK CONTROL WITH APPLICATION TO SPREADING PATTERN SIMULATION AND EVALUATION

(51) Int. Cl.

G16H 50/80 ( 2018.01 )  
(45) 26.03.2020  
(72) WU, DESHENG; BIAN, Yuan  
(74) DESHENG WU

(71) XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(11) AU-A-2020100227  
(21) 2020100227 (22) 16.02.2020  
(54) METHOD FOR DETERMINING COAL WALL RIB SPALLING OF LARGE MINING-HEIGHT FULLY-MECHANIZED MINING FACE OF SHALLOW COAL SEAM

(51) Int. Cl.  
E21C 41/18 ( 2006.01 )  
E21F 15/00 ( 2006.01 )

(45) 26.03.2020  
(72) HUANG, Qingxiang  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(11) AU-A-2020100234  
(21) 2020100234 (22) 18.02.2020  
(54) METHOD FOR WATER CONSERVATION MINING BY FILLING FLEXIBLE STRIP

(51) Int. Cl.  
E21F 15/00 ( 2006.01 )  
C04B 14/06 ( 2006.01 )  
C04B 18/08 ( 2006.01 )  
C04B 28/04 ( 2006.01 )  
E21C 41/16 ( 2006.01 )  
E21F 15/08 ( 2006.01 )

(45) 26.03.2020  
(72) HUANG, Qingxiang; CHEN, Jie  
(74) Michael Buck IP

(71) Yang, Y.; Li, H.; Huang, S.  
(11) AU-A-2020100274  
(21) 2020100274 (22) 25.02.2020  
(54) A Multi-Scale Feature Fusion Network based on GANs for Haze Removal

(51) Int. Cl.  
G06T 5/00 ( 2006.01 )  
G06N 3/02 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
G06T 7/10 ( 2017.01 )

(45) 26.03.2020  
(72) Huang, Shuying; Li, Hongxia; Yang, Yong  
(74) Yong Yang

(71) Yang, Y.; Wu, X.; Huang, S.  
(11) AU-A-2020100275  
(21) 2020100275 (22) 25.02.2020  
(54) Remote sensing image super-resolution based on multi-dictionary sparse representation with fractal classification

(51) Int. Cl.  
G06T 3/40 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
G06T 5/00 ( 2006.01 )  
G06T 7/136 ( 2017.01 )

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

- (45) 26.03.2020
- (72) Huang, Shuying; Wu, Xin; Yang, Yong
- (74) Yong Yang

Numerical Index

2016102438	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2019101456	Pujiang Left and Right Industry and Trade Co., Ltd.
2019101460	Pujiang Left and Right Industry and Trade Co., Ltd.
2019101679	Implant Solutions Pty Ltd
2019101720	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2020100143	Fyproshell Pty Ltd
2020100220	Hicor Technologies, Inc.
2020100221	Apple Inc.
2020100222	Research Institute of Resource Insects, Chinese Academy of Forestry
2020100223	Solomon, K.
2020100225	WU, D.; CAO, Y.; LUO, C.; BIAN, Y.
2020100227	XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY
2020100228	EOS-ENVIRO/EOS Import and Export Ltd.
2020100229	Gansu Agricultural University
2020100230	Liveshop Pty Ltd
2020100231	Just Pure Holdings Pty Ltd
2020100232	Invention Holdings Pty Ltd
2020100233	BISSELL Inc.
2020100234	XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY
2020100235	Leslie, C.
2020100236	Kreiviz, A.
2020100237	MAX & WILS PTY. LTD.
2020100239	Research Institute of Subtropical Forestry, Chinese Academy of Forestry
2020100240	Jiangsu Champion Technology Group Co., Ltd.
2020100243	Apple Inc.
2020100244	SAS Systems Australia IP Pty Ltd
2020100245	SAS Systems Australia IP Pty Ltd
2020100246	Qilu University of Technology
2020100248	Vision Composite Products, LLC
2020100249	Shanghai Academy of Agricultural Sciences
2020100250	CHINA UNIVERSITY OF GEOSCIENCES (WUHAN)
2020100252	Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd.
2020100253	SOUL & WOLF PTY LTD
2020100254	SHEN, W.
2020100255	Think Enterprises Limited
2020100256	Think Enterprises Limited
2020100259	DaVinci II CSJ, LLC
2020100260	LIN, J.
2020100261	Chengdu University of Information Technology
2020100262	FUZHOU AUTRAN INDUSTRIAL CO.,LTD
2020100264	Chengdu University of Information Technology
2020100265	Chengdu University of Information Technology
2020100266	Razer (Asia-Pacific) Pte. Ltd.
2020100269	WU, D.; SONG, J.; BIAN, Y.
2020100270	WU, D.; BIAN, Y.
2020100272	Hurst, M.
2020100274	Yang, Y.; Li, H.; Huang, S.
2020100275	Yang, Y.; Wu, X.; Huang, S.
2020100276	VANADIA PTY LTD

IPC Index

<b><u>A01B 76 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>C08K 5 /-</u></b>	2020100234	<b><u>G06K 9 /-</u></b>	<b><u>H04L 9 /-</u></b>
2019101720	2020100231	2020100240	<b><u>E21F 15 /-</u></b>	2020100235	2020100261
<b><u>A01K 1 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>C09D 7 /-</u></b>	2020100227	<b><u>G06N 10 /-</u></b>	2020100264
2020100260	2020100231	2020100240	2020100234	2020100264	2020100265
<b><u>A21D 2 /-</u></b>	<b><u>A61L 2 /-</u></b>	<b><u>C09K 5 /-</u></b>	<b><u>F01C 21 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>H04M 1 /-</u></b>
2020100236	2020100228	2020100223	2020100220	2020100274	2020100221
<b><u>A23F 3 /-</u></b>	<b><u>A61P 1 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>F04C 18 /-</u></b>	2020100275	<b><u>H04R 1 /-</u></b>
2020100231	2020100231	2020100222	2020100220	<b><u>G06N 3 /-</u></b>	2020100266
<b><u>A23J 3 /-</u></b>	<b><u>A62B 23 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>F21S 9 /-</u></b>	2020100274	<b><u>No IPC Mark</u></b>
2020100252	2020100228	2020100246	2020100255	<b><u>G06Q 10 /-</u></b>	
<b><u>A23L 33 /-</u></b>	<b><u>A62B 7 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>F21V 15 /-</u></b>	2020100249	
2020100246	2020100228	2020100246	2020100256	<b><u>G06Q 30 /-</u></b>	
2020100252	<b><u>A63B 63 /-</u></b>	<b><u>C22B 34 /-</u></b>	<b><u>G01H 17 /-</u></b>	2020100230	
<b><u>A23L 35 /-</u></b>	2020100255	2020100276	2020100250	<b><u>G06Q 40 /-</u></b>	
2020100252	2020100256	<b><u>E04D 13 /-</u></b>	<b><u>G01N 19 /-</u></b>	2020100225	
<b><u>A23L 7 /-</u></b>	<b><u>A63B 71 /-</u></b>	2020100272	2020100250	<b><u>G06Q 50 /-</u></b>	
2020100252	2020100235	<b><u>E04F 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	2020100269	
<b><u>A41D 13 /-</u></b>	<b><u>B29C 45 /-</u></b>	2020100244	2020100239	<b><u>G06T 3 /-</u></b>	
2020100228	2019101460	2020100245	<b><u>G01N 29 /-</u></b>	2020100275	
<b><u>A44C 5 /-</u></b>	<b><u>B60B 25 /-</u></b>	<b><u>E04F 21 /-</u></b>	2020100250	<b><u>G06T 5 /-</u></b>	
2020100243	2020100248	2020100232	<b><u>G01N 3 /-</u></b>	2020100274	
<b><u>A45C 3 /-</u></b>	<b><u>B60C 29 /-</u></b>	<b><u>E04G 17 /-</u></b>	2020100250	2020100275	
2020100259	2020100248	2020100237	<b><u>G01N 30 /-</u></b>	<b><u>G06T 7 /-</u></b>	
<b><u>A47B 46 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>E04G 25 /-</u></b>	2020100239	2020100274	
2020100259	2019101456	2020100237	<b><u>G01N 33 /-</u></b>	2020100275	
<b><u>A47G 25 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>E04H 17 /-</u></b>	2020100239	<b><u>G08G 1 /-</u></b>	
2020100259	2020100229	2020100244	2020100250	2016102438	
<b><u>A47L 11 /-</u></b>	<b><u>C01G 31 /-</u></b>	2020100245	<b><u>G05B 13 /-</u></b>	<b><u>G09F 13 /-</u></b>	
2020100233	2020100276	<b><u>E04H 9 /-</u></b>	2019101720	2020100256	
<b><u>A47L 5 /-</u></b>	<b><u>C04B 14 /-</u></b>	2020100143	<b><u>G05B 15 /-</u></b>	<b><u>G09F 21 /-</u></b>	
2020100233	2020100234	2020100262	2019101720	2020100254	
<b><u>A47L 7 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>E05D 11 /-</u></b>	2020100235	<b><u>G16H 50 /-</u></b>	
2020100233	2020100234	2020100262	<b><u>G06F 15 /-</u></b>	2020100270	
<b><u>A61C 13 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>E05F 1 /-</u></b>	2020100265	<b><u>H01Q 1 /-</u></b>	
2019101679	2020100234	2020100262	<b><u>G06F 8 /-</u></b>	2020100221	
<b><u>A61C 8 /-</u></b>	<b><u>C05D 9 /-</u></b>	<b><u>E21C 41 /-</u></b>	2020100253	<b><u>H04L 29 /-</u></b>	
2019101679	2020100276	2020100227		2020100261	

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 3M Innovative Properties Company                      (11) AU-A-2018330662                      (21) 2018330662 (22) 22.08.2018                      (54) Aqueous oral care fluoride treatment compositions, and methods                      (51) Int. Cl.                      A61Q 11/00 ( 2006.01 )                      A61K 8/21 ( 2006.01 )                      A61K 8/24 ( 2006.01 )                      A61K 8/73 ( 2006.01 )                      A61K 8/81 ( 2006.01 )                      A61K 8/84 ( 2006.01 )                      A61K 33/16 ( 2006.01 )                      (87) WO2019/048962                      (31) 62/556,095 (32) 08.09.17 (33) US                      (43) 14.03.2019                      (72) WANG, Yizhong; TON, Tiffany T.; CARRERA VIDAL, Carola A.; OXMAN, Joel D.; POST, Jennifer; KLAIBER, Paul R.                      (74) Davies Collison Cave Pty Ltd</p>	<p>(87) WO2019/053261                      (31) 17191631.5 (32) 18.09.17 (33) EP                      (43) 21.03.2019                      (72) MÜLLER, Georg; PAUL, Thomas Alfred; KRAMER, Axel; PAPE, Detlef                      (74) Griffith Hack</p>	<p>(71) American Superconductor Corporation                      (11) AU-A-2018327254                      (21) 2018327254 (22) 07.09.2018                      (54) High temperature superconductor generator with increased rotational inertia                      (51) Int. Cl.                      H02K 55/04 ( 2006.01 )                      H02K 11/01 ( 2016.01 )                      B63H 21/17 ( 2006.01 )                      (87) WO2019/051203                      (31) 15/697,549 (32) 07.09.17 (33) US                      (43) 14.03.2019                      (72) GAMBLE, Bruce B.                      (74) Alder IP Pty Ltd</p>
<p>(71) 4C Air, Inc.                      (11) AU-A-2018328974                      (21) 2018328974 (22) 30.08.2018                      (54) Nozzle plate for fiber formation                      (51) Int. Cl.                      D01D 5/00 ( 2006.01 )                      (87) WO2019/047768                      (31) PCT/ CN2017/100445 (32) 05.09.17 (33) CN                      (43) 14.03.2019                      (72) WANG, Qiqi; LIAO, Lei; GUAN, Baoqiong                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Airway Therapeutics, LLC; Glycoptope GmbH                      (11) AU-A-2018328113                      (21) 2018328113 (22) 04.09.2018                      (54) Methods, compositions and cells for preparing surfactant protein D (SP-D)                      (51) Int. Cl.                      C07K 14/435 ( 2006.01 )                      A61K 38/00 ( 2006.01 )                      A61P 11/00 ( 2006.01 )                      C07K 14/00 ( 2006.01 )                      C07K 14/785 ( 2006.01 )                      C12N 15/07 ( 2006.01 )                      (87) WO2019/050857                      (31) 62/614,758 (32) 08.01.18 (33) US                      62/554,825 06.09.17 US                      (43) 14.03.2019                      (72) ROSENBAUM, Jan Susan; QUAST, Frederick Gyapon; KAUP, Matthias; STÖCKL, Lars                      (74) FB Rice Pty Ltd</p>	<p>(71) American Superconductor Corporation                      (11) AU-A-2018329736                      (21) 2018329736 (22) 07.09.2018                      (54) A hybrid electrical and mechanical propulsion and energy system for a ship                      (51) Int. Cl.                      B63H 21/20 ( 2006.01 )                      H02K 11/01 ( 2016.01 )                      H02K 55/04 ( 2006.01 )                      (87) WO2019/051195                      (31) 15/697,549 (32) 07.09.17 (33) US                      62/597,150 11.12.17 US                      (43) 14.03.2019                      (72) ULLIMAN, John M.; FOLTS, Douglas C.; GAMBLE, Bruce B.; CALLIS, Stephen I.                      (74) Alder IP Pty Ltd</p>
<p>(71) 4C Air, Inc.                      (11) AU-A-2018329571                      (21) 2018329571 (22) 30.08.2018                      (54) Nanofiber web with controllable solid volume fraction                      (51) Int. Cl.                      B32B 3/26 ( 2006.01 )                      B32B 9/04 ( 2006.01 )                      B32B 15/02 ( 2006.01 )                      B32B 27/08 ( 2006.01 )                      (87) WO2019/050767                      (31) 62/554,313 (32) 05.09.17 (33) US                      (43) 14.03.2019                      (72) WANG, Qiqi; LIAO, Lei; CUI, Yi                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) alpha-En Corporation                      (11) AU-A-2018313162                      (21) 2018313162 (22) 08.08.2018                      (54) Producing lithium directly from lithium feed sources                      (51) Int. Cl.                      C25C 1/02 ( 2006.01 )                      C25C 7/00 ( 2006.01 )                      C25C 7/04 ( 2006.01 )                      (87) WO2019/032670                      (31) 62/581,140 (32) 03.11.17 (33) US                      62/542,413 08.08.17 US                      (43) 14.02.2019                      (72) SWONGER, Lawrence Ralph; FLUDDER, Steven Michael; PACA, Robert Edward                      (74) K&amp;L Gates</p>	<p>(71) AMSL Innovations Pty Ltd                      (11) AU-A-2018337069                      (21) 2018337069 (22) 06.09.2018                      (54) Wing tilt actuation system for electric vertical take-off and landing (VTOL) aircraft                      (51) Int. Cl.                      B64C 29/00 ( 2006.01 )                      B64C 9/16 ( 2006.01 )                      B64C 27/52 ( 2006.01 )                      (87) WO2019/056053                      (31) 2017904036 (32) 06.10.17 (33) AU                      2018901154 06.04.18 AU                      2017903864 22.09.17 AU                      (43) 28.03.2019                      (72) MOORE, Andrew Dudley                      (74) Cotters Patent &amp; Trade Mark Attorneys</p>
<p>(71) ABB Schweiz AG                      (11) AU-A-2018334038                      (21) 2018334038 (22) 17.09.2018                      (54) Method for operating a comminution circuit and respective comminution circuit                      (51) Int. Cl.                      B02C 25/00 ( 2006.01 )                      B02C 17/18 ( 2006.01 )</p>	<p>(71) Alvotech hf                      (11) AU-A-2018336826                      (21) 2018336826 (22) 14.09.2018                      (54) Pharmaceutical formulations for adalimumab                      (51) Int. Cl.                      C07K 16/24 ( 2006.01 )                      A61K 39/395 ( 2006.01 )                      (87) WO2019/057631                      (31) 62/560,889 (32) 20.09.17 (33) US                      (43) 28.03.2019                      (72) BACHMANN, Gudrun; EDWALD, Elin                      (74) Pearce IP Pty Limited</p>	<p>(71) AMSL Innovations Pty Ltd                      (11) AU-A-2018337666                      (21) 2018337666 (22) 06.09.2018                      (54) Wing tilt actuation system for electric vertical take-off and landing (VTOL) aircraft                      (51) Int. Cl.                      B64C 29/00 ( 2006.01 )                      B64C 9/16 ( 2006.01 )                      B64C 27/52 ( 2006.01 )                      (87) WO2019/056052                      (31) 2018901154 (32) 06.04.18 (33) AU                      2017904036 06.10.17 AU</p>



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

**C22C 23/00** ( 2006.01 )  
**C22F 1/06** ( 2006.01 )  
**(87)** WO2019/057139  
**(31)** 201710875802.0 **(32)** 25.09.17 **(33)** CN  
**(43)** 28.03.2019  
**(72)** NIE, Jianfeng; ZENG, Zhuoran; XU, Shiwei; BIRBILIS, Nick; DAVIES, Christopher H.J.; TANG, Weineng  
**(74)** Davies Collison Cave Pty Ltd

**(71)** BASF SE  
**(11)** AU-A-2018336770  
**(21)** 2018336770 **(22)** 14.09.2018  
**(54)** Treated medium for plant growth that has increased water retention  
**(51)** Int. Cl.  
**A01N 25/30** ( 2006.01 )  
**C09K 17/14** ( 2006.01 )  
**(87)** WO2019/057617  
**(31)** 62/560850 **(32)** 20.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** DICKESS, Shawn; OESTER, Dean A.  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Bayer Healthcare LLC  
**(11)** AU-A-2018345511  
**(21)** 2018345511 **(22)** 26.09.2018  
**(54)** Methods for preventing disulfide bond reduction in cell culture harvest  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2019/070469  
**(31)** 62/566,746 **(32)** 02.10.17 **(33)** US  
**(43)** 11.04.2019  
**(72)** KWANT, Kathryn  
**(74)** Davies Collison Cave Pty Ltd

**(71)** BCN Biosciences L.L.C.  
**(11)** AU-A-2018316185  
**(21)** 2018316185 **(22)** 08.08.2018  
**(54)** Methods of treating radiation induced gastrointestinal syndrome (RIGS) and related disease states using compound 512  
**(51)** Int. Cl.  
**C07C 311/16** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 31/635** ( 2006.01 )  
**(87)** WO2019/032739  
**(31)** 62/542,647 **(32)** 08.08.17 **(33)** US  
**(43)** 14.02.2019  
**(72)** NORRIS, Andrew J.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** BenevolentAI Bio Limited  
**(11)** AU-A-2018330743  
**(21)** 2018330743 **(22)** 05.09.2018  
**(54)** Treatment of neurodegenerative diseases  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )

**A61K 31/5377** ( 2006.01 )  
**A61K 31/5383** ( 2006.01 )  
**A61K 31/553** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2019/048854  
**(31)** 1714316.5 **(32)** 06.09.17 **(33)** GB  
**(43)** 14.03.2019  
**(72)** RICHARDSON, Peter; SHEPPARD, David  
**(74)** Shelston IP Pty Ltd.

**(71)** BliNK Biomedical SAS; Talix Therapeutics NV  
**(11)** AU-A-2018315432  
**(21)** 2018315432 **(22)** 10.08.2018  
**(54)** CD96-binding agents as immunomodulators  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**(87)** WO2019/030377  
**(31)** 17185944.0 **(32)** 11.08.17 **(33)** EP  
**(43)** 14.02.2019  
**(72)** RENART-DEPONTIEU, Florence; TAKAMI, Sachiko; MARGALL-DUCOS, Germain; BELTRAMINELLI, Nicola; GARRONE, Pierre; ROGEL, Anne; AL-SHAMKHANI, Aymen; PREVIL, Xavier  
**(74)** Collison & Co

**(71)** Board of Regents of the University of Texas System  
**(11)** AU-A-2018330936  
**(21)** 2018330936 **(22)** 07.09.2018  
**(54)** Mechanoluminescence polymer doped fabrics and methods  
**(51)** Int. Cl.  
**D01F 1/02** ( 2006.01 )  
**D01D 5/06** ( 2006.01 )  
**D01D 5/098** ( 2006.01 )  
**D01D 5/12** ( 2006.01 )  
**D01D 5/26** ( 2006.01 )  
**D01D 5/40** ( 2006.01 )  
**D01F 1/10** ( 2006.01 )  
**D01F 6/12** ( 2006.01 )  
**(87)** WO2019/049085  
**(31)** 62/555,754 **(32)** 08.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** LOZANO, Karen; MAO, Yuanbing; HERNANDEZ, Carlos; MARTINEZ, Misaël E.; RUIZ, Mark Anthony; VIDAL, Jorge Ernesto; ZUNIGA, Jose  
**(74)** Griffith Hack

**(71)** Boehringer Ingelheim International GmbH  
**(11)** AU-A-2018348712  
**(21)** 2018348712 **(22)** 10.10.2018  
**(54)** Perfusion medium  
**(51)** Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12P 21/00** ( 2006.01 )  
**(87)** WO2019/072889  
**(31)** 62/571,915 **(32)** 13.10.17 **(33)** US  
**(43)** 18.04.2019  
**(72)** LIN, Henry; WANG, Samantha; ZHENG, Lili  
**(74)** Spruson & Ferguson

**(71)** Boston Electrometallurgical Corporation  
**(11)** AU-A-2018333012  
**(21)** 2018333012 **(22)** 17.09.2018  
**(54)** Systems and methods for molten oxide electrolysis  
**(51)** Int. Cl.  
**C25C 7/02** ( 2006.01 )  
**C25C 3/08** ( 2006.01 )  
**C25C 3/16** ( 2006.01 )  
**C25C 3/24** ( 2006.01 )  
**C25C 7/06** ( 2006.01 )  
**(87)** WO2019/055910  
**(31)** 62/559,860 **(32)** 18.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** HYERS, Robert; LAMBOTTE, Guillaume; HUMBERT, Matthew; BRADSHAW, Richard  
**(74)** Spruson & Ferguson

**(71)** Boston Scientific Neuromodulation Corporation  
**(11)** AU-A-2018334229  
**(21)** 2018334229 **(22)** 14.09.2018  
**(54)** Current generation architecture for an implantable stimulator device including distributor circuitry for sending an amplitude-scaled current to digital-to-analog converters at the electrodes  
**(51)** Int. Cl.  
**A61N 1/378** ( 2006.01 )  
**A61N 1/02** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**A61N 1/362** ( 2006.01 )  
**(87)** WO2019/055812  
**(31)** 62/559,249 **(32)** 15.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** WEERAKOON, Pujitha; WAGENBACH, David M.; WEISS, Philip L.; MARN-FELDT, Goran N.; GURURAJ, Kiran K.  
**(74)** Spruson & Ferguson

**(71)** Boston Scientific Neuromodulation Corporation  
**(11)** AU-A-2018334541  
**(21)** 2018334541 **(22)** 11.09.2018  
**(54)** System and method for determination of connected neurostimulation leads  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**A61N 1/362** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**(87)** WO2019/055427  
**(31)** 62/557,640 **(32)** 12.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** STEINKE, G. Karl; SARIAN, Ara  
**(74)** Spruson & Ferguson

**(71)** Boston Scientific Scimed, Inc.  
**(11)** AU-A-2018367379  
**(21)** 2018367379 **(22)** 26.10.2018  
**(54)** Automated method of removing clog within lumen for debris removal  
**(51)** Int. Cl.  
**A61B 17/22** ( 2006.01 )



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

**A61B 17/32** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(87)** WO2019/099172  
**(31)** 62/586,585 **(32)** 15.11.17 **(33)** US  
**(43)** 23.05.2019  
**(72)** PEREIRA, Peter J.; PHELAN, Martin;  
 LAI, Vincent  
**(74)** Spruson & Ferguson

**(71)** BP Exploration Operating Company Limited  
**(11)** AU-A-2018333555  
**(21)** 2018333555 **(22)** 12.09.2018  
**(54)** Method of controlling salinity of a low salinity injection water  
**(51)** Int. Cl.  
**E21B 43/20** ( 2006.01 )  
**B01D 61/02** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
**E21B 21/06** ( 2006.01 )  
**(87)** WO2019/053092  
**(31)** 1714649.9 **(32)** 12.09.17 **(33)** GB  
**(43)** 21.03.2019  
**(72)** COLLINS, Ian Ralph; COUVES, John William; CROUCH, John Henry; WILLIAMS, John Dale  
**(74)** Spruson & Ferguson

**(71)** Breville Pty Limited  
**(11)** AU-A-2018333268  
**(21)** 2018333268 **(22)** 12.09.2018  
**(54)** A liquid heating appliance for making a beverage and associated method, power management system and microcontroller readable medium  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**F24H 1/10** ( 2006.01 )  
**H05B 1/02** ( 2006.01 )  
**(87)** WO2019/051529  
**(31)** 2017903705 **(32)** 12.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** PSAROLOGOS, Con; REN, Xiang  
**(74)** Spruson & Ferguson

**(71)** Bristol-Myers Squibb Company  
**(11)** AU-A-2018323462  
**(21)** 2018323462 **(22)** 28.08.2018  
**(54)** TIM-3 antagonists for the treatment and diagnosis of cancers  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2019/046321  
**(31)** 62/551,137 **(32)** 28.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** KLIPPEL, Anke; MENARD, Laurence Celine  
**(74)** AJ PARK

**(71)** Buildom Pty Ltd  
**(11)** AU-A-2018333832  
**(21)** 2018333832 **(22)** 29.06.2018  
**(54)** Building units and wastewater drainage  
**(51)** Int. Cl.  
**E03C 1/122** ( 2006.01 )  
**F16L 41/02** ( 2006.01 )

**(87)** WO2019/051532  
**(31)** 2017101260 **(32)** 14.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** HUANG, Shuning  
**(74)** FB Rice Pty Ltd

**(71)** C.R. Bard, Inc.  
**(11)** AU-A-2018347864  
**(21)** 2018347864 **(22)** 18.09.2018  
**(54)** Repair prosthetic curl mitigation  
**(51)** Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**(87)** WO2019/074626  
**(31)** 15/782,120 **(32)** 12.10.17 **(33)** US  
**(43)** 18.04.2019  
**(72)** RATHBUN, Tami L.; MARSHALL, Tyler William; TREXLER, Jonathan Bruce; FELIX, Augustus; CORREIA, Cameron Michael  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2018335182  
**(21)** 2018335182 **(22)** 21.09.2018  
**(54)** Developer supply container and developer supply system  
**(51)** Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**(87)** WO2019/059418  
**(31)** 2017-181798 **(32)** 21.09.17 **(33)** JP  
**(43)** 28.03.2019  
**(72)** GAMO, Yohei; KATO, Daijiro; OIZUMI, Yusuke; OKINO, Ayatomo  
**(74)** Spruson & Ferguson

**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2018335798  
**(21)** 2018335798 **(22)** 21.09.2018  
**(54)** Developer replenishment system, method for attaching developer replenishment container, and developer replenishment unit  
**(51)** Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
**(87)** WO2019/059414  
**(31)** 2017-181800 **(32)** 21.09.17 **(33)** JP  
**(43)** 28.03.2019  
**(72)** MAKINO, Yusaku; YOMODA, Nobuyuki; GAMO, Yohei  
**(74)** Spruson & Ferguson

**(71)** Cardiol Therapeutics Inc.  
**(11)** AU-A-2018384096  
**(21)** 2018384096 **(22)** 10.12.2018  
**(54)** Amphiphilic block copolymers, micelles, and methods for treating or preventing heart failure  
**(51)** Int. Cl.  
**C07C 39/23** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 38/13** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/34** ( 2017.01 )  
**A61P 9/00** ( 2006.01 )

**A61P 9/04** ( 2006.01 )  
**C07D 475/08** ( 2006.01 )  
**C07K 7/64** ( 2006.01 )  
**(87)** WO2019/113685  
**(31)** 62/597,740 **(32)** 12.12.17 **(33)** US  
**(43)** 20.06.2019  
**(72)** LAVASANIFAR, Afsaneh; BOLTON, Anthony Ernest  
**(74)** Alder IP Pty Ltd

**(71)** Carrigan, R.  
**(11)** AU-A-2018333842  
**(21)** 2018333842 **(22)** 14.09.2018  
**(54)** A phosphene gas fumigation system, rectangular prism shaped aluminium phosphate charge, applicator and storage magazine therefor  
**(51)** Int. Cl.  
**A01M 13/00** ( 2006.01 )  
**A01M 1/20** ( 2006.01 )  
**A01M 17/00** ( 2006.01 )  
**(87)** WO2019/051552  
**(31)** 2017903756 **(32)** 15.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** CARRIGAN, Roger  
**(74)** Patentec Patent Attorneys

**(71)** Casale SA  
**(11)** AU-A-2018325189  
**(21)** 2018325189 **(22)** 09.08.2018  
**(54)** A temperature-swing adsorption process  
**(51)** Int. Cl.  
**B01D 53/04** ( 2006.01 )  
**(87)** WO2019/042733  
**(31)** 17188071.9 **(32)** 28.08.17 **(33)** EP  
**(43)** 07.03.2019  
**(72)** JOSS, Lisa; HEFTI, Max; MAZZOTTI, Marco  
**(74)** Baldwins Intellectual Property

**(71)** Casale SA  
**(11)** AU-A-2018326205  
**(21)** 2018326205 **(22)** 09.08.2018  
**(54)** A temperature-swing adsorption process  
**(51)** Int. Cl.  
**B01D 53/04** ( 2006.01 )  
**(87)** WO2019/042734  
**(31)** 17188074.3 **(32)** 28.08.17 **(33)** EP  
**(43)** 07.03.2019  
**(72)** JOSS, Lisa; HEFTI, Max; MAZZOTTI, Marco  
**(74)** Baldwins Intellectual Property

**(71)** Caterpillar Inc.  
**(11)** AU-A-2018324359  
**(21)** 2018324359 **(22)** 25.07.2018  
**(54)** Heavy duty adapter  
**(51)** Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**(87)** WO2019/045911  
**(31)** 15/690,423 **(32)** 30.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** BALAN, Mihai M.; SERRURIER, Douglas C.; WORTH, David  
**(74)** FPA Patent Attorneys Pty Ltd

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

(71) Caterpillar Inc.  
 (11) AU-A-2018324360  
 (21) 2018324360 (22) 25.07.2018  
 (54) Heavy duty shroud  
 (51) Int. Cl.  
*E02F 9/28* ( 2006.01 )  
 (87) WO2019/045912  
 (31) 15/690,994 (32) 30.08.17 (33) US  
 (43) 07.03.2019  
 (72) BALAN, Mihai M.; SERRURIER, Douglas C.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-A-2018324366  
 (21) 2018324366 (22) 25.07.2018  
 (54) Heavy duty tip  
 (51) Int. Cl.  
*E02F 9/28* ( 2006.01 )  
 (87) WO2019/045918  
 (31) 15/690,561 (32) 30.08.17 (33) US  
 (43) 07.03.2019  
 (72) BALAN, Mihai M.; SERRURIER, Douglas C.; WORTH, David  
 (74) FPA Patent Attorneys Pty Ltd

(71) Cedars-Sinai Medical Center  
 (11) AU-A-2018334213  
 (21) 2018334213 (22) 14.09.2018  
 (54) Methods for improving organ function in organ transplant patients  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 35/12* ( 2015.01 )  
*A61K 35/16* ( 2015.01 )  
*A61K 38/48* ( 2006.01 )  
*A61K 38/55* ( 2006.01 )  
*A61K 38/57* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*C07K 14/81* ( 2006.01 )  
 (87) WO2019/055763  
 (31) 62/559,312 (32) 15.09.17 (33) US  
 (43) 21.03.2019  
 (72) JORDAN, Stanley; CHOI, Jua; VO, Ashley  
 (74) FPA Patent Attorneys Pty Ltd

(71) Chan Zuckerberg Biohub, Inc.; The Board of Trustees of the Leland Stanford Junior University  
 (11) AU-A-2018333072  
 (21) 2018333072 (22) 18.09.2018  
 (54) Methods for treating triple-negative breast cancer  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 33/00* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
 (87) WO2019/055977  
 (31) 62/560,140 (32) 18.09.17 (33) US  
 (43) 21.03.2019  
 (72) CLARKE, Michael F.; HSIEH, Robert W.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chart Energy & Chemicals, Inc.  
 (11) AU-A-2018331399  
 (21) 2018331399 (22) 13.09.2018  
 (54) Mixed refrigerant condenser outlet manifold separator  
 (51) Int. Cl.  
*F25B 39/04* ( 2006.01 )  
*F25B 43/00* ( 2006.01 )  
*F25B 43/04* ( 2006.01 )  
 (87) WO2019/055660  
 (31) 62/558,706 (32) 14.09.17 (33) US  
 (43) 21.03.2019  
 (72) TURNER, Peter J.  
 (74) Spruson & Ferguson

(71) Checkpoint Systems, Inc.  
 (11) AU-A-2018338195  
 (21) 2018338195 (22) 21.09.2018  
 (54) Substance release benefit denial security device  
 (51) Int. Cl.  
*E05B 73/00* ( 2006.01 )  
*E05B 45/08* ( 2006.01 )  
*E05B 47/00* ( 2006.01 )  
*G08B 13/14* ( 2006.01 )  
 (87) WO2019/060698  
 (31) 15/714,758 (32) 25.09.17 (33) US  
 (43) 28.03.2019  
 (72) PERREAU, Benoit  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) ChemoCentryx, Inc.  
 (11) AU-A-2018335486  
 (21) 2018335486 (22) 24.09.2018  
 (54) Combination therapy using a Chemokine Receptor 2 (CCR2) antagonist and a PD-1/PD-L1 inhibitor  
 (51) Int. Cl.  
*A61K 31/351* ( 2006.01 )  
*A61K 31/453* ( 2006.01 )  
*A61K 31/536* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2019/060820  
 (31) 62/562,952 (32) 25.09.17 (33) US  
 (43) 28.03.2019  
 (72) CAMPBELL, James J.; MIAO, Zhenhua  
 (74) Spruson & Ferguson

(71) Chengdu Qianniucao Information Technology Co., LTD.  
 (11) AU-A-2018315261  
 (21) 2018315261 (22) 09.08.2018  
 (54) Method for authorizing approval processes and approval nodes thereof for user  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
 (87) WO2019/029649  
 (31) 20171068278.7 (32) 10.08.17 (33) CN  
 (43) 14.02.2019  
 (72) CHEN, Dazhi  
 (74) Madderns Pty Ltd

(71) China University of Mining and Technology; Jiangsu Tianming Machinery Group  
 (11) AU-A-2018340075  
 (21) 2018340075 (22) 26.11.2018  
 (54) Device for enabling autonomous powering of monitoring node of scraper conveyor chain  
 (51) Int. Cl.  
*H02J 7/14* ( 2006.01 )  
*H02K 7/18* ( 2006.01 )  
 (87) WO2019/063027  
 (31) 201710897114.4 (32) 28.09.17 (33) CN  
 (43) 04.04.2019  
 (72) ZHOU, Gongbo; ZHU, Zhencai; LV, Yaobin; HAO, Benliang; LI, Wei; CHEN, Pengpeng; CAO, Guohua; YI, Junhua; PENG, Yuxing; SHEN, Gang  
 (74) Lord & Company

(71) Citrix Systems, Inc.  
 (11) AU-A-2018337626  
 (21) 2018337626 (22) 11.09.2018  
 (54) Automated address failover for receivers and browsers using a cloud service  
 (51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
*H04L 29/14* ( 2006.01 )  
 (87) WO2019/060178  
 (31) 15/712,405 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) INNES, Andrew  
 (74) AJ PARK

(71) Classys Inc.  
 (11) AU-A-2018332432  
 (21) 2018332432 (22) 10.09.2018  
 (54) Frostbite prevention pad for cryolipolysis procedure  
 (51) Int. Cl.  
*A61B 18/02* ( 2006.01 )  
*A61B 18/00* ( 2006.01 )  
*A61B 90/90* ( 2016.01 )  
*A61F 7/00* ( 2006.01 )  
*A61F 7/02* ( 2006.01 )  
 (87) WO2019/054706  
 (31) 10-2017-0116512 (32) 12.09.17 (33) KR  
 (43) 21.03.2019  
 (72) KIM, Dong Seok  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Colgate-Palmolive Company  
 (11) AU-A-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  
 (72) WORTHINGTON, Brian G.  
 (74) Shelston IP Pty Ltd.

(71) Colgate-Palmolive Company  
 (11) AU-A-2018338124  
 (21) 2018338124 (22) 21.09.2018

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

- (54) Self-sealing dosepack  
 (51) Int. Cl.  
*B65D 75/58* ( 2006.01 )  
*B65D 1/32* ( 2006.01 )  
*B65D 33/25* ( 2006.01 )  
*B65D 77/28* ( 2006.01 )  
 (87) WO2019/060648  
 (31) 62/562,688 (32) 25.09.17 (33) US  
 (43) 28.03.2019  
 (72) BARRIOS, Mario; VEGA, Carolina  
 (74) Shelston IP Pty Ltd.
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2018329967  
 (21) 2018329967 (22) 06.09.2018  
 (54) Water treatment process  
 (51) Int. Cl.  
*C02F 1/60* ( 2006.01 )  
*C02F 5/02* ( 2006.01 )  
 (87) WO2019/046897  
 (31) 2018901121 (32) 05.04.18 (33) AU  
 2017903640 08.09.17 AU  
 (43) 14.03.2019  
 (72) DOUGLAS, Grant  
 (74) FB Rice Pty Ltd
- 
- (71) Concrete Homes Limited  
 (11) AU-A-2018319415  
 (21) 2018319415 (22) 23.08.2018  
 (54) A modular building system  
 (51) Int. Cl.  
*E04B 1/04* ( 2006.01 )  
*E04B 1/08* ( 2006.01 )  
*E04B 1/12* ( 2006.01 )  
*E04B 1/14* ( 2006.01 )  
*E04B 1/343* ( 2006.01 )  
*E04B 1/348* ( 2006.01 )  
 (87) WO2019/039944  
 (31) 734912 (32) 24.08.17 (33) NZ  
 (43) 28.02.2019  
 (72) WILSON, Paul  
 (74) Jennifer Lucas
- 
- (71) Croda International Plc  
 (11) AU-A-2018344300  
 (21) 2018344300 (22) 18.09.2018  
 (54) Gel composition comprising a phase change material  
 (51) Int. Cl.  
*C09K 5/06* ( 2006.01 )  
*A61F 7/02* ( 2006.01 )  
*A61L 26/00* ( 2006.01 )  
*C08K 3/36* ( 2006.01 )  
*F28D 20/02* ( 2006.01 )  
 (87) WO2019/068458  
 (31) 1715950.0 (32) 02.10.17 (33) GB  
 (43) 11.04.2019  
 (72) ALTAY, Altug; AUERBACH, Marco Maria  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Curis, Inc.  
 (11) AU-A-2018359248  
 (21) 2018359248 (22) 30.10.2018  
 (54) Compounds and compositions for treating hematological disorders
- (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/416* ( 2006.01 )  
*A61K 31/428* ( 2006.01 )  
*A61K 31/454* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 498/04* ( 2006.01 )  
*C07D 513/04* ( 2006.01 )  
 (87) WO2019/089580  
 (31) 62/579,502 (32) 31.10.17 (33) US  
 (43) 09.05.2019  
 (72) BOOHER, Robert  
 (74) WRAYS PTY LTD
- 
- (71) CytomX Therapeutics, Inc.  
 (11) AU-A-2018347607  
 (21) 2018347607 (22) 12.10.2018  
 (54) Antibodies, activatable antibodies, bispecific antibodies, and bispecific activatable antibodies and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
 (87) WO2019/075405  
 (31) 62/577,140 (32) 25.10.17 (33) US  
 62/572,468 14.10.17 US  
 62/731,622 14.09.18 US  
 62/666,065 02.05.18 US  
 62/613,358 03.01.18 US  
 (43) 18.04.2019  
 (72) BOUSTANY, Leila Marie; LA PORTE, Sherry L.; IRVING, Bryan A.; FLANDEZ, Jeanne Grace  
 (74) WRAYS PTY LTD
- 
- (71) Daiichi Sankyo Company, Limited  
 (11) AU-A-2018327171  
 (21) 2018327171 (22) 30.08.2018  
 (54) Improved method for producing antibody-drug conjugate  
 (51) Int. Cl.  
*C07K 5/10* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/65* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
*C07C 237/08* ( 2006.01 )  
 (87) WO2019/044947  
 (31) 2017-167691 (32) 31.08.17 (33) JP  
 (43) 07.03.2019  
 (72) YAMAGUCHI, Tatsuya; KOUKO, Takashi; NOGUUCHI, Shigeru; YAMANE, Yohei; KONDO, Fumikatsu; AOKI, Takahiro; TAKEDA, Tadahiyo; SAKAN-ISHI, Kohei; SATO, Hitoshi; UEDA, Tsuyoshi; MATUURA, Shinji; KURAHASHI Kei; KITAGAWA, Yutaka; NAKAMURA, Tatsuya  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Daikin America, Inc.; Daikin Industries, Ltd.  
 (11) AU-A-2018394478  
 (21) 2018394478 (22) 30.11.2018  
 (54) Electric wire, method for producing electric wire and master batch
- (51) Int. Cl.  
*H01B 7/02* ( 2006.01 )  
 (87) WO2019/130975  
 (31) 62/610,434 (32) 26.12.17 (33) US  
 (43) 04.07.2019  
 (72) SIMPSON, Wade Martin; SAKAMI, Kazuki; MURAKAMI, Shinji; KAWAHARA, Kazuya  
 (74) Spruson & Ferguson
- 
- (71) Daikin Industries, Ltd.  
 (11) AU-A-2017434397  
 (21) 2017434397 (22) 29.09.2017  
 (54) Refrigeration device  
 (51) Int. Cl.  
*F25B 13/00* ( 2006.01 )  
*F25B 29/00* ( 2006.01 )  
*F25B 41/04* ( 2006.01 )  
*F25B 49/02* ( 2006.01 )  
 (87) WO2019/064566  
 (43) 04.04.2019  
 (72) YAMADA, Takuro; NAKAGAWA, Yuusuke; OKA, Yuusuke; HONDA, Masahiro  
 (74) Spruson & Ferguson
- 
- (71) Daikin Industries, Ltd.  
 (11) AU-A-2018339379  
 (21) 2018339379 (22) 27.09.2018  
 (54) Air conditioner indoor unit  
 (51) Int. Cl.  
*F24F 13/20* ( 2006.01 )  
*F24F 13/28* ( 2006.01 )  
 (87) WO2019/065832  
 (31) 2017-186781 (32) 27.09.17 (33) JP  
 (43) 04.04.2019  
 (72) ISHIKAWA, Shiori  
 (74) Spruson & Ferguson
- 
- (71) Daikin Industries, Ltd.  
 (11) AU-A-2018342387  
 (21) 2018342387 (22) 27.09.2018  
 (54) Air conditioner indoor unit  
 (51) Int. Cl.  
*F24F 13/20* ( 2006.01 )  
 (87) WO2019/065858  
 (31) 2017-186782 (32) 27.09.17 (33) JP  
 (43) 04.04.2019  
 (72) ISHIKAWA, Shiori  
 (74) Spruson & Ferguson
- 
- (71) Daikin Industries, Ltd.  
 (11) AU-A-2018342809  
 (21) 2018342809 (22) 20.07.2018  
 (54) Air conditioning system  
 (51) Int. Cl.  
*F24F 1/32* ( 2011.01 )  
*F25B 1/00* ( 2006.01 )  
*F25B 13/00* ( 2006.01 )  
*F25B 41/00* ( 2006.01 )  
 (87) WO2019/064850  
 (31) 2017-190406 (32) 29.09.17 (33) JP  
 (43) 04.04.2019  
 (72) SHIRASAKI, Tetsuya; YOSHIMI, Atsushi  
 (74) Spruson & Ferguson

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

- (71) Daikin Industries, Ltd.  
 (11) AU-A-2018343290  
 (21) 2018343290 (22) 21.09.2018  
 (54) Air conditioner indoor unit  
 (51) Int. Cl.  
 F24F 13/14 ( 2006.01 )  
 F24F 13/20 ( 2006.01 )  
 F24F 13/22 ( 2006.01 )  
 (87) WO2019/065529  
 (31) 2017-186778 (32) 27.09.17 (33) JP  
 (43) 04.04.2019  
 (72) ISHIKAWA, Shiori  
 (74) Spruson & Ferguson
- 
- (71) Daikin Industries, Ltd.  
 (11) AU-A-2018343291  
 (21) 2018343291 (22) 21.09.2018  
 (54) Air conditioner indoor unit  
 (51) Int. Cl.  
 F24F 13/14 ( 2006.01 )  
 F24F 13/20 ( 2006.01 )  
 F24F 13/22 ( 2006.01 )  
 (87) WO2019/065530  
 (31) 2017-186779 (32) 27.09.17 (33) JP  
 (43) 04.04.2019  
 (72) ISHIKAWA, Shiori  
 (74) Spruson & Ferguson
- 
- (71) Daltile Corporation  
 (11) AU-A-2018345739  
 (21) 2018345739 (22) 02.10.2018  
 (54) Method for manufacturing an engineered stone and an engineered stone  
 (51) Int. Cl.  
 B28B 1/00 ( 2006.01 )  
 (87) WO2019/070621  
 (31) 15/722,804 (32) 02.10.17 (33) US  
 (43) 11.04.2019  
 (72) ADAMS, Terry; CASELLI, Claudio  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Depuy Synthes Products, Inc.  
 (11) AU-A-2018330926  
 (21) 2018330926 (22) 05.09.2018  
 (54) Patient-specific mandible graft cage  
 (51) Int. Cl.  
 A61F 2/28 ( 2006.01 )  
 A61F 2/30 ( 2006.01 )  
 (87) WO2019/049041  
 (31) 15/700,904 (32) 11.09.17 (33) US  
 (43) 14.03.2019  
 (72) DANIEL, Steffan; FURRER, Andre  
 (74) Spruson & Ferguson
- 
- (71) DePuy Synthes Products, Inc.  
 (11) AU-A-2018313008  
 (21) 2018313008 (22) 07.08.2018  
 (54) Sensors implantable into a patient's body, systems, and methods of using the same  
 (51) Int. Cl.  
 A61B 5/00 ( 2006.01 )  
 A61B 5/11 ( 2006.01 )  
 G01D 5/248 ( 2006.01 )  
 G01R 19/255 ( 2006.01 )  
 G01R 27/02 ( 2006.01 )  
 (87) WO2019/032488  
 (31) 62/541,924 (32) 07.08.17 (33) US
- 
- (71) 14.02.2019  
 (72) MIKHAIL, George; LESZKO, Filip; PIERSON, Glen; WAKLEY, Brett Ivan; VENKATASUBRAMANIAN, Arun; LEM-DIASOV, Rosti  
 (74) Spruson & Ferguson
- 
- (71) Dispersol Technologies, LLC  
 (11) AU-A-2018335391  
 (21) 2018335391 (22) 20.09.2018  
 (54) Abiraterone-cyclic oligomer pharmaceutical formulations and methods of formation and administration thereof  
 (51) Int. Cl.  
 A61K 31/58 ( 2006.01 )  
 A61K 47/14 ( 2017.01 )  
 (87) WO2019/060525  
 (31) 62/562,081 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) MILLER, Dave; GALA, Urvi  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Dow AgroSciences LLC  
 (11) AU-A-2018352232  
 (21) 2018352232 (22) 16.10.2018  
 (54) Dicamba compositions with reduced spray drift potential  
 (51) Int. Cl.  
 A01N 25/30 ( 2006.01 )  
 A01N 43/40 ( 2006.01 )  
 (87) WO2019/079236  
 (31) 62/574,386 (32) 19.10.17 (33) US  
 (43) 25.04.2019  
 (72) TU, Fuquan; LI, Mei; OUSE, David G.; WILSON, Stephen L.; LIU, Lei; KNUPEL, Daniel I.; DOWNER, Brandon Matthew  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Dragonfly Therapeutics, Inc.  
 (11) AU-A-2018331412  
 (21) 2018331412 (22) 13.09.2018  
 (54) Proteins binding NKG2D, CD16, and C-type lectin-like molecule-1 (CLL-1)  
 (51) Int. Cl.  
 C07K 16/46 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 (87) WO2019/055677  
 (31) 62/558,510 (32) 14.09.17 (33) US  
 (43) 21.03.2019  
 (72) CHANG, Gregory P.; CHEUNG, Ann F.; HANEY, William; LUNDE, Bradley M.; PRINZ, Bianca  
 (74) Spruson & Ferguson
- 
- (71) Drylock Technologies NV  
 (11) AU-A-2018327481  
 (21) 2018327481 (22) 04.09.2018  
 (54) Absorbent article with channels and method for manufacturing thereof  
 (51) Int. Cl.  
 A61F 13/532 ( 2006.01 )  
 A61F 13/15 ( 2006.01 )  
 A61F 13/539 ( 2006.01 )
- 
- (71) WO2019/048397  
 (31) 17190395.8 (32) 11.09.17 (33) EP  
 17195872.1 11.10.17 EP  
 (43) 14.03.2019  
 (72) SMET, Steven; VAN INGELGEM, Werner; DERYCKE, Tom  
 (74) Golja Haines & Friend
- 
- (71) Duke University  
 (11) AU-A-2018352722  
 (21) 2018352722 (22) 17.10.2018  
 (54) Devices, systems, and methods for high throughput single cell analysis  
 (51) Int. Cl.  
 B01L 3/00 ( 2006.01 )  
 B81B 1/00 ( 2006.01 )  
 B81B 7/00 ( 2006.01 )  
 (87) WO2019/079399  
 (31) 62/574,865 (32) 20.10.17 (33) US  
 (43) 25.04.2019  
 (72) YELLEN, Benjamin; LI, Ying; MOST-SCHMAN, Jeff  
 (74) Spruson & Ferguson
- 
- (71) Eagle Analytical Services, Inc.  
 (11) AU-A-2018330191  
 (21) 2018330191 (22) 07.09.2018  
 (54) Process and system for flow cytometry fluorescent detection of reactive materials in viscous non-filterable materials  
 (51) Int. Cl.  
 C12Q 1/04 ( 2006.01 )  
 G01N 21/64 ( 2006.01 )  
 G01N 33/58 ( 2006.01 )  
 (87) WO2019/051272  
 (31) 62/555,505 (32) 07.09.17 (33) US  
 (43) 14.03.2019  
 (72) CAPUTO, Ross, A.  
 (74) MINTER ELLISON
- 
- (71) Edete Precision Technologies for Agriculture Ltd.  
 (11) AU-A-2018327377  
 (21) 2018327377 (22) 06.09.2018  
 (54) System for dry artificial pollination of cultivated trees or shrubs by insect-borne pollen and method of doing the same  
 (51) Int. Cl.  
 A01G 7/00 ( 2006.01 )  
 A01G 17/00 ( 2006.01 )  
 A01N 25/00 ( 2006.01 )  
 (87) WO2019/049155  
 (31) 62/584,928 (32) 13.11.17 (33) US  
 62/582,350 07.11.17 US  
 62/555,057 07.09.17 US  
 (43) 14.03.2019  
 (72) RAN, Eylam; BORENSTEIN, Asaf Menachem  
 (74) WRAYS PTY LTD
- 
- (71) Edwards, L.  
 (11) AU-A-2018314752  
 (21) 2018314752 (22) 07.08.2018  
 (54) Wearable skin monitor comprising UV sensor  
 (51) Int. Cl.  
 G01J 1/02 ( 2006.01 )

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

- G01J 1/42** ( 2006.01 )  
**(87)** WO2019/030241  
**(31)** 1712841.4 **(32)** 10.08.17 **(33)** GB  
**(43)** 14.02.2019  
**(72)** EDWARDS, Lisa Jane  
**(74)** Baldwins Intellectual Property
- 
- (71)** Eli Lilly and Company  
**(11)** AU-A-2018346905  
**(21)** 2018346905 **(22)** 05.10.2018  
**(54)** Needle shield puller for drug delivery system  
**(51)** Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**(87)** WO2019/074788  
**(31)** 62/571,484 **(32)** 12.10.17 **(33)** US  
**(43)** 18.04.2019  
**(72)** LAFEVER, Mark; SNOW, Andrew Thomas  
**(74)** WRAYS PTY LTD
- 
- (71)** Emmyon, Inc.  
**(11)** AU-A-2018331280  
**(21)** 2018331280 **(22)** 06.09.2018  
**(54)** Ursolic acid morpholine and diethanolamine salts  
**(51)** Int. Cl.  
**C07C 279/26** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**(87)** WO2019/055280  
**(31)** 62/649,938 **(32)** 29.03.18 **(33)** US  
 62/558,004 13.09.17 US  
**(43)** 21.03.2019  
**(72)** TALLEY, John J.  
**(74)** Griffith Hack
- 
- (71)** EnerG2 Technologies, Inc.  
**(11)** AU-A-2018338093  
**(21)** 2018338093 **(22)** 20.09.2018  
**(54)** Hydrated carbon material powder and use of it for preparation of an electrode for an electrical storage device  
**(51)** Int. Cl.  
**H01G 11/24** ( 2013.01 )  
**C01B 32/30** ( 2017.01 )  
**H01G 11/32** ( 2013.01 )  
**H01G 11/34** ( 2013.01 )  
**H01M 4/133** ( 2010.01 )  
**H01M 4/583** ( 2010.01 )  
**H01M 4/62** ( 2006.01 )  
**(87)** WO2019/060606  
**(31)** 62/561,081 **(32)** 20.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** FREDRICK, Sarah; ALSPAUGH, Kate; AFKHAMI, Farshid; GOODWIN, Chad; STRONG, Adam; FEAVER, Aaron M.; HAMILTON, Phil  
**(74)** Davies Collision Cave Pty Ltd
- 
- (71)** Evonetix Ltd  
**(11)** AU-A-2018343116  
**(21)** 2018343116 **(22)** 27.09.2018  
**(54)** Error detection during hybridisation of target double-stranded nucleic acid  
**(51)** Int. Cl.  
**C12Q 1/6834** ( 2018.01 )  
**C12N 15/10** ( 2006.01 )
- 
- (87)** WO2019/064006  
**(31)** 1715852.8 **(32)** 29.09.17 **(33)** GB  
 1721441.2 20.12.17 GB  
**(43)** 04.04.2019  
**(72)** HAYES, Matthew James; SANCHEZ-KUIPER, Raquel Maria; BYGRAVE, Daniel Adrian  
**(74)** PIPERS
- 
- (71)** Expro North Sea Limited  
**(11)** AU-A-2018333030  
**(21)** 2018333030 **(22)** 14.09.2018  
**(54)** Tension arrangement for subsea christmas tree  
**(51)** Int. Cl.  
**E21B 33/035** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**(87)** WO2019/053459  
**(31)** 1714903.0 **(32)** 15.09.17 **(33)** GB  
**(43)** 21.03.2019  
**(72)** MACKIE, David Hird  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Exxonmobil Upstream Research Company  
**(11)** AU-A-2018342116  
**(21)** 2018342116 **(22)** 24.08.2018  
**(54)** Natural gas liquefaction by a high pressure expansion process  
**(51)** Int. Cl.  
**F25J 1/00** ( 2006.01 )  
**F25J 1/02** ( 2006.01 )  
**(87)** WO2019/067123  
**(31)** 62/565,725 **(32)** 29.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** PIERRE Jr., Fritz  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Exxonmobil Upstream Research Company  
**(11)** AU-A-2018342117  
**(21)** 2018342117 **(22)** 24.08.2018  
**(54)** Natural gas liquefaction by a high pressure expansion process  
**(51)** Int. Cl.  
**F25J 1/00** ( 2006.01 )  
**F25J 1/02** ( 2006.01 )  
**(87)** WO2019/067124  
**(31)** 62/565,733 **(32)** 29.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** PIERRE Jr., Fritz  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2018337597  
**(21)** 2018337597 **(22)** 19.09.2018  
**(54)** 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  
**(72)** ADAM, Jean-Michel; FANTASIA, Serena Maria; FISHLOCK, Daniel Vincent; HOFFMANN-EMERY, Fabienne; MOINE, Gerard; PFLEGER, Christophe; MOESSNER, Christian  
**(74)** Spruson & Ferguson
- 
- (71)** F. Hoffmann-La Roche AG; Genentech, Inc.  
**(11)** AU-A-2018348930  
**(21)** 2018348930 **(22)** 10.10.2018  
**(54)** Bicyclic compounds for use as RIP I kinase inhibitors  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**(87)** WO2019/072942  
**(31)** 62/570,892 **(32)** 11.10.17 **(33)** US  
**(43)** 18.04.2019  
**(72)** CHEN, Huifen; HAMILTON, Gregory; PATEL, Snahel; ZHAO, Guiling; DANIELS, Blake; STIVALA, Craig  
**(74)** Spruson & Ferguson
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2018360270  
**(21)** 2018360270 **(22)** 30.10.2018  
**(54)** Bicyclic sulfones and sulfoxides and methods of use thereof  
**(51)** Int. Cl.  
**C07D 231/54** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 249/16** ( 2006.01 )  
**(87)** WO2019/086494  
**(31)** 62/579,392 **(32)** 31.10.17 **(33)** US  
**(43)** 09.05.2019  
**(72)** PATEL, Snahel; HAMILTON, Gregory; STIVALA, Craig; CHEN, Huifen; DANIELS, Blake  
**(74)** Spruson & Ferguson
- 
- (71)** F.N. Herstal, SA  
**(11)** AU-A-2018318092  
**(21)** 2018318092 **(22)** 14.08.2018  
**(54)** A firearm with interchangeable sighting device system  
**(51)** Int. Cl.  
**F41G 11/00** ( 2006.01 )  
**F41G 1/16** ( 2006.01 )  
**(87)** WO2019/036443  
**(31)** 62/545,122 **(32)** 14.08.17 **(33)** US  
**(43)** 21.02.2019  
**(72)** COSTET, Olivier Holger; HOWLETT, Luke Randel  
**(74)** AJ PARK
- 
- (71)** Finch, M.; Kendall-Lane, S.  
**(11)** AU-A-2018350973  
**(21)** 2018350973 **(22)** 28.02.2018  
**(54)** System and method for providing a video messaging service  
**(51)** Int. Cl.  
**H04L 12/58** ( 2006.01 )  
**(87)** WO2019/077294  
**(31)** 1716990.5 **(32)** 16.10.17 **(33)** GB

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

- (43) 25.04.2019  
(72) FINCH, Michael  
(74) WRAYS PTY LTD
- 
- (71) Fisher & Paykel Healthcare Limited  
(11) AU-A-2018332520  
(21) 2018332520 (22) 17.09.2018  
(54) Frame and headgear for respiratory mask system  
(51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
(87) WO2019/053666  
(31) 62/560,063 (32) 18.09.17 (33) US  
(43) 21.03.2019  
(72) PEREIRA, Priyanka Ferdinand; GALGALI, Amit; GRAHAM, Ryan Anthony; HOCKING, Jake Baker; GORDON, Callum Ross; RICHARDSON, Thomas Mark; THOMPSON, Mark Andrew; GAO, Vicky Dan; WILLIS, Cameron Robert; KIMPTON, Jordan Dean Jones; SINTIVE, Bruno  
(74) AJ PARK
- 
- (71) Flow-Rite Controls, Ltd.  
(11) AU-A-2018390409  
(21) 2018390409 (22) 28.11.2018  
(54) Battery electrolyte level monitor, system, and method  
(51) Int. Cl.  
**G01F 23/66** ( 2006.01 )  
**G01F 1/64** ( 2006.01 )  
**G01F 23/22** ( 2006.01 )  
**H01M 2/36** ( 2006.01 )  
**H01M 10/48** ( 2006.01 )  
(87) WO2019/125712  
(31) 15/852,920 (32) 22.12.17 (33) US  
(43) 27.06.2019  
(72) FOX, Jason L.; BONNAH II, Harrie W.; PAUL, Luke J.; SHINEW, Matthew T.  
(74) AJ PARK
- 
- (71) ForeLight, Inc.  
(11) AU-A-2018313189  
(21) 2018313189 (22) 08.08.2018  
(54) Photosynthetic bioreactor for the conversion of electricity and fertilizer into biomass  
(51) Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**C12M 3/00** ( 2006.01 )  
**C12N 1/12** ( 2006.01 )  
(87) WO2019/032725  
(31) 62/542,544 (32) 08.08.17 (33) US  
(43) 14.02.2019  
(72) FLYNN, Adam; MOFFITT, Julie  
(74) Spruson & Ferguson
- 
- (71) Forge Nano, Inc.  
(11) AU-A-2018320958  
(21) 2018320958 (22) 24.08.2018  
(54) Manufacturing processes to synthesize, functionalize, surface treat and/or encapsulate powders, and applications thereof  
(51) Int. Cl.  
**C23C 16/40** ( 2006.01 )  
**B01J 2/00** ( 2006.01 )
- B01J 8/00** ( 2006.01 )  
**B22F 1/02** ( 2006.01 )  
**C04B 41/81** ( 2006.01 )  
**C23C 16/44** ( 2006.01 )  
**C23C 16/442** ( 2006.01 )  
**C23C 16/455** ( 2006.01 )  
**C23C 16/52** ( 2006.01 )  
(87) WO2019/040857  
(31) 62/549,601 (32) 24.08.17 (33) US  
62/672,289 16.05.18 US  
(43) 28.02.2019  
(72) KING, David; DAMERON, Arrelaine; TREVEY, James; LICHTY, Paul; ARGO, Andrew; BOURGOIS, Kyle; RAGONESI, James; INGHAM, Kyle; JACKSON, David; TRACY, Ryon; NGUYEN, Nghi; LYON, Adam; VILLAGOMEZ, Jose; CURRY, Garrett  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Fresenius Kabi Deutschland GmbH  
(11) AU-A-2018320696  
(21) 2018320696 (22) 22.08.2018  
(54) Valve unit for a system for producing a medical preparation  
(51) Int. Cl.  
**A61J 3/00** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**B01F 13/00** ( 2006.01 )  
(87) WO2019/038318  
(31) 17187513.1 (32) 23.08.17 (33) EP  
(43) 28.02.2019  
(72) BIEHL, Martin; HOCK, Michael; TIEDEMANN, Lothar; BUETTNER, Klaus  
(74) Shelston IP Pty Ltd.
- 
- (71) Futuri Media, LLC  
(11) AU-A-2018329368  
(21) 2018329368 (22) 11.09.2018  
(54) System and method for production, distribution and archival of content  
(51) Int. Cl.  
**H04H 60/02** ( 2008.01 )  
**H04H 20/82** ( 2008.01 )  
**H04H 60/37** ( 2008.01 )  
(87) WO2019/049106  
(31) 62/556,703 (32) 11.09.17 (33) US  
(43) 14.03.2019  
(72) BOWMAN, Craig; ANSTANDIG, Daniel  
(74) AJ PARK
- 
- (71) Geobruag AG  
(11) AU-A-2018350280  
(21) 2018350280 (22) 28.09.2018  
(54) Monitoring device and method for monitoring corrosion of a wire mesh  
(51) Int. Cl.  
**G01N 17/00** ( 2006.01 )  
**G01N 17/04** ( 2006.01 )  
(87) WO2019/072587  
(31) 10 2017 123 810.7 (32) 12.10.17 (33) DE  
(43) 18.04.2019  
(72) WENDELER-GÖGGLMANN, Corinna  
(74) Spruson & Ferguson
- 
- (71) Graymont Western Canada Inc.  
(11) AU-A-2019316539
- (21) 2019316539 (22) 10.09.2019  
(54) Improvement of geotechnical characteristics of tailings via lime addition  
(51) Int. Cl.  
**C02F 1/00** ( 2006.01 )  
(31) 62/729,955 (32) 11.09.18 (33) US  
62/806,512 15.02.19 US  
(43) 26.03.2020  
(72) LEIKAM, Jared Ira; ROMANIUK, Nikolas Andrei; FOX, Jesse Wayne; TATE, Michael John; HARIHARAN, Narain  
(74) Spruson & Ferguson
- 
- (71) Grünenthal GmbH  
(11) AU-A-2018349031  
(21) 2018349031 (22) 12.10.2018  
(54) Modified release abuse deterrent dosage forms  
(51) Int. Cl.  
**A61K 9/50** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/485** ( 2006.01 )  
(87) WO2019/073028  
(31) 17196366.3 (32) 13.10.17 (33) EP  
(43) 18.04.2019  
(72) STOMBERG, Carmen; PAUL, Harald; WENING, Klaus; SCHWIER, Sebastian  
(74) Spruson & Ferguson
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(11) AU-A-2017430821  
(21) 2017430821 (22) 07.09.2017  
(54) Discontinuous reception method, network device and terminal device  
(51) Int. Cl.  
**G06F 1/32** ( 2019.01 )  
(87) WO2019/047131  
(43) 14.03.2019  
(72) TANG, Hai  
(74) Shelston IP Pty Ltd.
- 
- (71) Hexagon Metrology, Inc.  
(11) AU-A-2018346236  
(21) 2018346236 (22) 02.10.2018  
(54) Coordinate measuring machine probe identification apparatus and method  
(51) Int. Cl.  
**G01B 21/04** ( 2006.01 )  
**G01B 7/012** ( 2006.01 )  
**G01B 11/00** ( 2006.01 )  
(87) WO2019/070758  
(31) 62/566,644 (32) 02.10.17 (33) US  
(43) 11.04.2019  
(72) SINGH, Gurpreet; KOCIC, Milan; MARIANI, Michael  
(74) Griffith Hack
- 
- (71) Hexion Inc.  
(11) AU-A-2018337640  
(21) 2018337640 (22) 17.09.2018  
(54) Coating composition  
(51) Int. Cl.  
**B05D 1/02** ( 2006.01 )  
**B05D 1/30** ( 2006.01 )

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

- B05D 7/14** ( 2006.01 )  
**(87)** WO2019/060246  
**(31)** 15/710,671 **(32)** 20.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** LAI, Zhen; CLARK, Mark; WALLENTA, Kalli; NUILA, Carlos  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Hiperbaric, S.A.  
**(11)** AU-A-2017431157  
**(21)** 2017431157 **(22)** 07.09.2017  
**(54)** Plug, machine and processing method under high pressure  
**(51)** Int. Cl.  
**F16J 12/00** ( 2006.01 )  
**A23L 3/015** ( 2006.01 )  
**F04B 43/08** ( 2006.01 )  
**F16J 13/00** ( 2006.01 )  
**(87)** WO2019/048716  
**(43)** 14.03.2019  
**(72)** LOPEZ ONDEVILLA, Raúl; GARCÍA REIZABAL, Rubén; TÁRRAGO MINGO, Santiago; HERNANDO SÁIZ, Andrés Felipe; BURGGRAAF, Wouter Nicolaas Andries  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2017429200  
**(21)** 2017429200 **(22)** 23.08.2017  
**(54)** Display method and device  
**(51)** Int. Cl.  
**G06F 3/14** ( 2006.01 )  
**(87)** WO2019/036942  
**(43)** 28.02.2019  
**(72)** LIU, Lin; ZHU, Dengkui  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2018314622  
**(21)** 2018314622 **(22)** 20.07.2018  
**(54)** Interactions between a broadband network gateway and a fifth generation core  
**(51)** Int. Cl.  
**H04W 76/00** ( 2018.01 )  
**(87)** WO2019/029339  
**(31)** 62/543,748 **(32)** 10.08.17 **(33)** US  
 15/983,332 18.05.18 US  
**(43)** 14.02.2019  
**(72)** PENG, Shuping; SARIKAYA, Behcet; LI, Huan; SPINI, Marco  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2018340720  
**(21)** 2018340720 **(22)** 10.05.2018  
**(54)** Scheduling request configuration method, transmission method and corresponding device  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2019/062133  
**(31)** 201710911558.9 **(32)** 29.09.17 **(33)** CN  
**(43)** 04.04.2019  
**(72)** XU, Haibo; XIAO, Xiao; PANG, Gaokun; WANG, Jian; CAO, Zhenzhen  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** I Components Studio, S.L  
**(11)** AU-A-2017434343  
**(21)** 2017434343 **(22)** 29.09.2017  
**(54)** Single-lever smart cartridge for a tap fitting, single-lever smart tap fitting and method of smart management for a single-lever tap fitting  
**(51)** Int. Cl.  
**F16K 11/078** ( 2006.01 )  
**E03C 1/04** ( 2006.01 )  
**F16K 27/04** ( 2006.01 )  
**F16K 31/60** ( 2006.01 )  
**F16K 37/00** ( 2006.01 )  
**G01K 1/14** ( 2006.01 )  
**H01H 3/02** ( 2006.01 )  
**(87)** WO2019/063856  
**(43)** 04.04.2019  
**(72)** RECIO FERNANDEZ, Diego; LOPEZ RODRIGUEZ, Daniel  
**(74)** WRAYS PTY LTD
- 
- (71)** Ilias Biologics Inc.  
**(11)** AU-A-2018316803  
**(21)** 2018316803 **(22)** 16.08.2018  
**(54)** Exosomes for target specific delivery and methods for preparing and delivering the same  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
**(87)** WO2019/035057  
**(31)** 10-2017-0104171 **(32)** 17.08.17 **(33)** KR  
 62/659,816 19.04.18 US  
**(43)** 21.02.2019  
**(72)** CHOI, Chulhee; YIM, Nambin; CHOI, Hojun; CHOI, Kyungsun; RYU, Seung-Wook  
**(74)** FB Rice Pty Ltd
- 
- (71)** ImCheck Therapeutics SAS; INSERM (Institut National de la Santé et de la Recherche Médicale); Institut Jean Paoli & Irene Calmettes; Université d'Aix-Marseille; Centre National de la Recherche Scientifique - CNRS -  
**(11)** AU-A-2018335955  
**(21)** 2018335955 **(22)** 21.09.2018  
**(54)** Antibodies having specificity for BTN2 and uses thereof  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2019/057933  
**(31)** 17306563.2 **(32)** 10.11.17 **(33)** EP  
 17306238.1 21.09.17 EP  
**(43)** 28.03.2019  
**(72)** OLIVE, Daniel; PASERO, Christine  
**(74)** Spruson & Ferguson
- 
- (71)** ImmunoGen, Inc.  
**(11)** AU-A-2018328187  
**(21)** 2018328187 **(22)** 05.09.2018  
**(54)** Methods for detection of folate receptor 1 in a patient sample  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )
- 
- G01N 33/566** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2019/050935  
**(31)** 62/554,532 **(32)** 05.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** XU, Raymond; CULM-MERDEK, Kerry  
**(74)** FB Rice Pty Ltd
- 
- (71)** ImmunoGen, Inc.  
**(11)** AU-A-2018335780  
**(21)** 2018335780 **(22)** 21.09.2018  
**(54)** Methods of preventing methionine oxidation in immunoconjugates  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/060707  
**(31)** 62/562,049 **(32)** 22.09.17 **(33)** US  
 62/573,322 17.10.17 US  
 62/712,584 31.07.18 US  
**(43)** 28.03.2019  
**(72)** FLEMING, Michael; GANGAR, Amit; YODER, Nicholas C.; BAI, Chen; HILDERBRAND, Scott Alan; HUTCHINS, Benjamin M.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ISL, LLC  
**(11)** AU-A-2018332823  
**(21)** 2018332823 **(22)** 12.09.2018  
**(54)** Devices and methods for contacting living tissue  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2019/055531  
**(31)** 62/557,587 **(32)** 12.09.17 **(33)** US  
 62/700,141 18.07.18 US  
**(43)** 21.03.2019  
**(72)** GANDOLA, Kent R.; AARESTAD, Jerome K.  
**(74)** WRAYS PTY LTD
- 
- (71)** iStorage Limited  
**(11)** AU-A-2018330723  
**(21)** 2018330723 **(22)** 30.08.2018  
**(54)** Methods and systems of securely transferring data  
**(51)** Int. Cl.  
**G06F 21/34** ( 2013.01 )  
**G06F 21/44** ( 2013.01 )  
**G06F 21/60** ( 2013.01 )  
**H04L 29/06** ( 2006.01 )  
**(87)** WO2019/048829  
**(31)** 1714256.3 **(32)** 05.09.17 **(33)** GB  
**(43)** 14.03.2019  
**(72)** MICHAEL, John  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** ITF Technologies Inc.; O-Net Communications (ShenZhen) Limited  
**(11)** AU-A-2018329038  
**(21)** 2018329038 **(22)** 06.09.2018  
**(54)** Micro-optical bench architecture for master oscillator power amplifier (MOPA)  
**(51)** Int. Cl.

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

- G02F 1/39** ( 2006.01 )  
**H01S 3/067** ( 2006.01 )  
**H01S 3/16** ( 2006.01 )  
**(87)** WO2019/047900  
**(31)** 62/554,988 **(32)** 06.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** MAGNE, Julien; HOLEHOUSE, Nigel;  
 CAPLETTE, Stephane; XIE, Hong  
**(74)** RnB IP Pty Ltd
- 
- (71)** Janssen Biopharma, Inc.  
**(11)** AU-A-2018332216  
**(21)** 2018332216 **(22)** 14.09.2018  
**(54)** Galnac derivatives  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**(87)** WO2019/053661  
**(31)** 62/558,773 **(32)** 14.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** GRYAZNOV, Sergei; HONG, Jin; RA-  
 JWANSHI, Vivek Kumar; PANDEY, RA-  
 JENDRA K.  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** JCM Plastics Pty Ltd  
**(11)** AU-A-2018337667  
**(21)** 2018337667 **(22)** 11.09.2018  
**(54)** A pallet for spools  
**(51)** Int. Cl.  
**B65D 19/00** ( 2006.01 )  
**B65D 19/44** ( 2006.01 )  
**B65D 21/02** ( 2006.01 )  
**(87)** WO2019/056054  
**(31)** 2017903800 **(32)** 19.09.17 **(33)** AU  
**(43)** 28.03.2019  
**(72)** ELIAS, Joe  
**(74)** Patentec Patent Attorneys
- 
- (71)** Jiang, K.  
**(11)** AU-A-2018336564  
**(21)** 2018336564 **(22)** 24.09.2018  
**(54)** Deserts' water generation theory and its  
 principle application — an easy way to ob-  
 tain freshwater from the atmosphere  
**(51)** Int. Cl.  
**E03B 3/28** ( 2006.01 )  
**B01D 5/00** ( 2006.01 )  
**E03B 3/40** ( 2006.01 )  
**(87)** WO2019/059960  
**(31)** 15/732,136 **(32)** 22.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** JIANG, Kai  
**(74)** MARTIN IP PTY LTD
- 
- (71)** Jiangnan Environmental Protection Group  
 Inc.  
**(11)** AU-A-2018328418  
**(21)** 2018328418 **(22)** 24.07.2018  
**(54)** Method for controlling aerosol production  
 during absorption in ammonia desulfuriza-  
 tion  
**(51)** Int. Cl.  
**B01D 53/50** ( 2006.01 )  
**(87)** WO2019/047625
- 
- (31)** 201710800599.0 **(32)** 07.09.17 **(33)** CN  
 15/923,031 16.03.18 US  
**(43)** 14.03.2019  
**(72)** LUO, Jing; QI, Lifang; WANG, Jinyong  
**(74)** FB Rice Pty Ltd
- 
- (71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2018343214  
**(21)** 2018343214 **(22)** 14.09.2018  
**(54)** Solid simethicone particles and dosage  
 form thereof  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 31/80** ( 2006.01 )  
**(87)** WO2019/064112  
**(31)** 62/565,850 **(32)** 29.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** MCNALLY, Gerard P.; SZYMCAK,  
 Christopher  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Joint Stock Company "BIOCAD"  
**(11)** AU-A-2018312836  
**(21)** 2018312836 **(22)** 30.07.2018  
**(54)** Novel heterocyclic compounds as CDK8/19  
 inhibitors  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2019/031990  
**(31)** 2018108178 **(32)** 06.03.18 **(33)** RU  
 2017128123 07.08.17 RU  
**(43)** 14.02.2019  
**(72)** MINDICH, Aleksei Leonidovich; GOR-  
 BUNOVA, Svetlana Leonidovna; POP-  
 KOVA, Aleksandra Vladimirovna;  
 SHEKHAUTSOU, Artsiom Evgenievich;  
 ALAFINOV, Andrei Ivanovich; ALE-  
 SHUNIN, Pavel Aleksandrovich; EV-  
 DOKIMOV, Anton Aleksandrovich; ZA-  
 VIALOV, Kirill Vadimovich; KASATK-  
 INA, Mariia Andreevna; KOZHEMYAK-  
 INA, Natalia Vladimirovna; KUSH-  
 AKOVA, Anna Sergeevna; MAKSIMEN-  
 KO, Elena Aleksandrovna; MISHINA,  
 Mariia Sergeevna; REKHARSKY, Mikhail  
 Vladimirovich; CHESTNOVA, Anna  
 Jur'evna; IAKOVLEV, Pavel Andreevich;  
 MOROZOV, Dmitry Valentinovich  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Kaur, K.  
**(11)** AU-A-2018315501  
**(21)** 2018315501 **(22)** 11.08.2018  
**(54)** The eyeliner imprinting device  
**(51)** Int. Cl.  
**A45D 40/30** ( 2006.01 )  
**(87)** WO2019/030777  
**(31)** 201711028661 **(32)** 11.08.17 **(33)** IN
- 
- (43)** 14.02.2019  
**(72)** KAUR, Komalpreet  
**(74)** Walker IP
- 
- (71)** Kawasaki Jukogyo Kabushiki Kaisha  
**(11)** AU-A-2018325058  
**(21)** 2018325058 **(22)** 03.09.2018  
**(54)** Charging system for autonomous underwa-  
 ter vehicle (AUV) and method for lifting  
 and recovering AUV  
**(51)** Int. Cl.  
**B63C 11/00** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
**B63G 8/08** ( 2006.01 )  
**(87)** WO2019/045103  
**(31)** 2017-169724 **(32)** 04.09.17 **(33)** JP  
**(43)** 07.03.2019  
**(72)** MUKAIDA, Minehiko; OKAYA, Nor-  
 iyuki; MATSUI, Manabu; HAYASHI,  
 Toshiya; MASUDA, Kosuke; KASHI-  
 WAGI, Seiji; OKADA, Takashi; TACHIN-  
 AMI, Fumitaka  
**(74)** Spruson & Ferguson
- 
- (71)** Keller, S.; Chang, B.; Wang, J.  
**(11)** AU-A-2018333947  
**(21)** 2018333947 **(22)** 17.09.2018  
**(54)** Systems, devices, and methods for extracor-  
 poreal removal of carbon dioxide  
**(51)** Int. Cl.  
**A61M 1/14** ( 2006.01 )  
**A61M 16/22** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**B01D 61/24** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )  
**C01B 32/60** ( 2017.01 )  
**(87)** WO2019/055933  
**(31)** 62/559,583 **(32)** 17.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** KELLER, Steven Paul; CHANG, Brian  
 Yale; WANG, Jayon  
**(74)** WRAYS PTY LTD
- 
- (71)** Kine Sciences Co., Ltd.  
**(11)** AU-A-2018332486  
**(21)** 2018332486 **(22)** 14.09.2018  
**(54)** Use of peptides as therapeutic agent for  
 autoimmune diseases and bone diseases  
**(51)** Int. Cl.  
**A61K 38/06** ( 2006.01 )  
**A23L 33/18** ( 2016.01 )  
**(87)** WO2019/054808  
**(31)** 10-2017-0118947 **(32)** 15.09.17 **(33)** KR  
 10-2017-0118949 15.09.17 KR  
 10-2018-0110480 14.09.18 KR  
 10-2018-0110473 14.09.18 KR  
**(43)** 21.03.2019  
**(72)** CHO, Dae Ho; KIM, Kyung Eun; KIM,  
 Myun Soo; PARK, Sun Young; JUNG, Hee  
 Young  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Kine Sciences Co., Ltd.  
**(11)** AU-A-2018333776  
**(21)** 2018333776 **(22)** 14.09.2018  
**(54)** Use of peptides as therapeutic agent for  
 autoimmune diseases and bone diseases



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

- (51) Int. Cl.  
**A61K 38/06** ( 2006.01 )  
**A23L 33/18** ( 2016.01 )  
**A61K 38/05** ( 2006.01 )
- (87) WO2019/054809  
(31) 10-2017-0118952 (32) 15.09.17 (33) KR  
10-2017-0118950 15.09.17 KR  
10-2018-0110485 14.09.18 KR  
10-2018-0110481 14.09.18 KR
- (43) 21.03.2019  
(72) CHO, Dae Ho; KIM, Kyung Eun; KIM, Myun Soo; PARK, Sun Young; JUNG, Hee Young  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Kinetic Pressure Control, Ltd.  
(11) AU-A-2019249848  
(21) 2019249848 (22) 01.04.2019  
(54) Kinetic shear ram for well pressure control apparatus
- (51) Int. Cl.  
**E21B 33/06** ( 2006.01 )
- (87) WO2019/195200  
(31) 62/651,929 (32) 03.04.18 (33) US  
(43) 10.10.2019  
(72) GALLAGHER, Bobby James; GALLAGHER, Billy Jack  
(74) AUSTRALASIA IP PTY LTD
- 
- (71) Komatsu Ltd.  
(11) AU-A-2018345153  
(21) 2018345153 (22) 02.10.2018  
(54) Loading machine control device and control method
- (51) Int. Cl.  
**E02F 9/20** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )
- (87) WO2019/069947  
(31) 2017-194678 (32) 04.10.17 (33) JP  
(43) 11.04.2019  
(72) KONDA, Tomoki; SAIGO, Yusuke; HATAKE, Kazuhiro  
(74) FB Rice Pty Ltd
- 
- (71) Komatsu Ltd.  
(11) AU-A-2018405686  
(21) 2018405686 (22) 13.08.2018  
(54) Loading machine control device and control method
- (51) Int. Cl.  
**E02F 3/43** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )
- (87) WO2019/150616  
(31) 2018-015820 (32) 31.01.18 (33) JP  
(43) 08.08.2019  
(72) SAIGO, Yusuke; HATAKE, Kazuhiro  
(74) FB Rice Pty Ltd
- 
- (71) Kratos Integral Holdings, LLC  
(11) AU-A-2018351347  
(21) 2018351347 (22) 19.10.2018  
(54) System and method for optimizing satellite gateway diversity
- (51) Int. Cl.  
**H04B 7/185** ( 2006.01 )
- (87) WO2019/079705  
(31) 62/575,270 (32) 20.10.17 (33) US
- (43) 25.04.2019  
(72) POTTER, Robert; LEFEBURE, Jean Marc; SHANKAR, Roopa; DAUGHTRIDGE, Stuart  
(74) WRAYS PTY LTD
- 
- (71) Kverneland Group Operations Norway AS  
(11) AU-A-2018366086  
(21) 2018366086 (22) 07.11.2018  
(54) Quick-fit coupling for a wearing part of a soil-working tool
- (51) Int. Cl.  
**A01B 35/22** ( 2006.01 )
- (87) WO2019/093902  
(31) 17200596.9 (32) 08.11.17 (33) EP  
(43) 16.05.2019  
(72) FURRE, Arnold; SØLVBERG, Erlend; EGELAND, Øyvind  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2018312743  
(21) 2018312743 (22) 07.08.2018  
(54) Cleaner  
(51) Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 11/16** ( 2006.01 )
- (87) WO2019/031810  
(31) 10-2017-0099757 (32) 07.08.17 (33) KR  
(43) 14.02.2019  
(72) JANG, Jaewon; PARK, Jeongseop; YOON, Sungho  
(74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2018313596  
(21) 2018313596 (22) 07.08.2018  
(54) Cleaner  
(51) Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 11/16** ( 2006.01 )
- (87) WO2019/031795  
(31) 10-2017-0099754 (32) 07.08.17 (33) KR  
(43) 14.02.2019  
(72) JANG, Jaewon; LEE, Minwoo  
(74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2018313599  
(21) 2018313599 (22) 07.08.2018  
(54) Cleaner  
(51) Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 11/16** ( 2006.01 )
- (87) WO2019/031798  
(31) 10-2017-0099755 (32) 07.08.17 (33) KR  
(43) 14.02.2019  
(72) JANG, Jaewon; LEE, Minwoo  
(74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2018316017  
(21) 2018316017 (22) 07.08.2018  
(54) Robot cleaner  
(51) Int. Cl.  
**A47L 11/40** ( 2006.01 )
- (87) WO2019/031800  
(31) 10-2017-0099756 (32) 07.08.17 (33) KR  
(43) 14.02.2019  
(72) JANG, Jaewon; LEE, Minwoo; PARK, Jeongseop  
(74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2018316020  
(21) 2018316020 (22) 07.08.2018  
(54) Robot cleaner  
(51) Int. Cl.  
**A47L 11/40** ( 2006.01 )
- (87) WO2019/031803  
(31) 10-2017-0099758 (32) 07.08.17 (33) KR  
(43) 14.02.2019  
(72) JANG, Jaewon; LEE, Minwoo  
(74) FB Rice Pty Ltd
- 
- (71) Limacorporate S.p.A.  
(11) AU-A-2017434931  
(21) 2017434931 (22) 06.10.2017  
(54) Improved prosthesis component, so-called liner, for an acetabular or glenoid cup
- (51) Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/34** ( 2006.01 )  
**A61F 2/40** ( 2006.01 )
- (87) WO2019/069332  
(43) 11.04.2019  
(72) SBAIZ, Fausto  
(74) MINTER ELLISON
- 
- (71) Lleaf Pty Ltd  
(11) AU-A-2018315623  
(21) 2018315623 (22) 08.08.2018  
(54) "Compounds as potential dye molecules"
- (51) Int. Cl.  
**C07D 471/22** ( 2006.01 )  
**C09B 5/62** ( 2006.01 )  
**H01L 51/40** ( 2006.01 )
- (87) WO2019/028508  
(31) 2017903150 (32) 08.08.17 (33) AU  
(43) 14.02.2019  
(72) FALBER, Alexander  
(74) FB Rice Pty Ltd
- 
- (71) Logical Brands, Inc.  
(11) AU-A-2018326719  
(21) 2018326719 (22) 31.08.2018  
(54) Animal toys with incorporated flavor compositions
- (51) Int. Cl.  
**A01K 15/00** ( 2006.01 )
- (87) WO2019/046708  
(31) 62/552,586 (32) 31.08.17 (33) US  
(43) 07.03.2019  
(72) BEATTY, Lendy; SPENCER, Jeff  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Lopa, F.  
(11) AU-A-2018314123  
(21) 2018314123 (22) 10.04.2018  
(54) Phytochemical extraction system and methods to extract phytochemicals from plants

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

- including plants of the familycannabaceae  
sensu stricto
- (51) Int. Cl.  
**B01D 3/10** ( 2006.01 )
- (87) WO2019/032150  
(31) 15/669,907 (32) 05.08.17 (33) US  
(43) 14.02.2019
- (72) LOPA, Frank Augustino  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD
- 
- (71) Loxo Oncology, Inc.  
(11) AU-A-2018347375  
(21) 2018347375 (22) 10.10.2018
- (54) Formulations comprising 6-(2-hydroxy-2-methylpropoxy)-4-(6-((6-methoxy-pyridin-3-yl)methyl)-3,6-diazabicyclo(3.1.1)heptan-3-yl)pyridin-3-yl)pyrazolo(1,5-a)pyridine-3-carbonitrile
- (51) Int. Cl.  
**A61K 47/12** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )
- (87) WO2019/075114  
(31) 62/570,601 (32) 10.10.17 (33) US  
(43) 18.04.2019
- (72) REYNOLDS, Mark; EARY, Charles Todd  
(74) Spruson & Ferguson
- 
- (71) Lumus Ltd.  
(11) AU-A-2019284095  
(21) 2019284095 (22) 08.09.2019
- (54) Near-Eye Display with Laser Diode Illumination
- (51) Int. Cl.  
**G02B 27/00** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
**G02F 1/01** ( 2006.01 )
- (31) 62/727,581 (32) 06.09.18 (33) US  
(43) 26.03.2020
- (72) DANZIGER, Yochay; CHRIKI, Ronen; LIVNEH, Nitzan  
(74) Wallington-Dummer
- 
- (71) Luoyang Landglass Technology Co., Ltd  
(11) AU-A-2018328874  
(21) 2018328874 (22) 11.04.2018
- (54) Plate glass tempering cooling system
- (51) Int. Cl.  
**C03B 27/04** ( 2006.01 )
- (87) WO2019/047521  
(31) 201710801835.0 (32) 07.09.17 (33) CN  
(43) 14.03.2019
- (72) ZHAO, Yan  
(74) Shelston IP Pty Ltd.
- 
- (71) Luoyang Landglass Technology Co., Ltd.  
(11) AU-A-2018312662  
(21) 2018312662 (22) 11.04.2018
- (54) Actuating mechanism control method for glass plate tempering process
- (51) Int. Cl.  
**C03B 27/04** ( 2006.01 )
- 
- (87) WO2019/029179  
(31) 201710666798.7 (32) 07.08.17 (33) CN  
(43) 14.02.2019
- (72) ZHAO, Yan; DOU, Gaofeng; JIANG, Chunwei  
(74) Shelston IP Pty Ltd.
- 
- (71) Luoyang Landglass Technology Co., Ltd.  
(11) AU-A-2018312663  
(21) 2018312663 (22) 11.04.2018
- (54) Method for controlling discharging of glass plate in glass plate tempering technology process
- (51) Int. Cl.  
**G05D 23/30** ( 2006.01 )  
**C03B 27/012** ( 2006.01 )
- (87) WO2019/029180  
(31) 201710667730.0 (32) 07.08.17 (33) CN  
(43) 14.02.2019
- (72) ZHAO, Yan; DOU, Gaofeng; JIANG, Chunwei  
(74) Shelston IP Pty Ltd.
- 
- (71) M.E.P. Macchine Elettroniche Piegatrici S.p.A.  
(11) AU-A-2018315777  
(21) 2018315777 (22) 09.08.2018
- (54) Apparatus and method for handling bars
- (51) Int. Cl.  
**B65G 65/00** ( 2006.01 )  
**B21D 43/00** ( 2006.01 )  
**B21F 23/00** ( 2006.01 )
- (87) WO2019/030791  
(31) 102017000093087 (32) 10.08.17 (33) IT  
(43) 14.02.2019
- (72) DEL FABRO, Giorgio  
(74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Makro Labelling S.r.l.  
(11) AU-A-2018330916  
(21) 2018330916 (22) 05.09.2018
- (54) A machine for conveying containers
- (51) Int. Cl.  
**B65C 9/04** ( 2006.01 )  
**B65G 47/244** ( 2006.01 )  
**B65G 54/02** ( 2006.01 )
- (87) WO2019/049031  
(31) 102017000100503 (32) 07.09.17 (33) IT  
(43) 14.03.2019
- (72) CAMPEDELLI, Davide  
(74) FB Rice Pty Ltd
- 
- (71) Makro Labelling S.R.L.  
(11) AU-A-2018330917  
(21) 2018330917 (22) 05.09.2018
- (54) A machine for conveying containers
- (51) Int. Cl.  
**B65C 9/06** ( 2006.01 )  
**B65G 54/02** ( 2006.01 )
- (87) WO2019/049032  
(31) 102017000100513 (32) 07.09.17 (33) IT  
(43) 14.03.2019
- (72) CAMPEDELLI, Davide; VEZZONI, Davide  
(74) FB Rice Pty Ltd
- 
- (71) Manual Surgical Sciences, LLC  
(11) AU-A-2018321907  
(21) 2018321907 (22) 23.08.2018
- (54) Expandable devices for positioning organs
- (51) Int. Cl.  
**A61M 29/02** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
**A61M 25/10** ( 2013.01 )
- (87) WO2019/040789  
(31) 15/684,938 (32) 23.08.17 (33) US  
(43) 28.02.2019
- (72) FOJTIK, Shawn P.  
(74) Spruson & Ferguson
- 
- (71) Massachusetts Institute of Technology  
(11) AU-A-2018331278  
(21) 2018331278 (22) 31.08.2018
- (54) Cyclin-dependent kinase 5 (CDK5) inhibitory peptides
- (51) Int. Cl.  
**A61K 38/45** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )
- (87) WO2019/055236  
(31) 62/559,824 (32) 18.09.17 (33) US  
(43) 21.03.2019
- (72) TSAI, Li-huei; SEO, Jinsoo  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) McELLIGOTT, M.  
(11) AU-A-2018328746  
(21) 2018328746 (22) 03.09.2018
- (54) Conveyor module assembly, system and control
- (51) Int. Cl.  
**B65G 17/08** ( 2006.01 )  
**B65G 1/133** ( 2006.01 )  
**B65G 15/22** ( 2006.01 )  
**B65G 17/26** ( 2006.01 )  
**B65G 17/46** ( 2006.01 )  
**B65G 43/02** ( 2006.01 )  
**B65G 43/08** ( 2006.01 )
- (87) WO2019/046879  
(31) 2017903578 (32) 05.09.17 (33) AU  
(43) 14.03.2019
- (72) McELLIGOTT, Michael C.  
(74) protectmyidea.com.au
- 
- (71) MEI Pharma, Inc.  
(11) AU-A-2018318129  
(21) 2018318129 (22) 14.08.2018
- (54) Combination therapy
- (51) Int. Cl.  
**C07D 235/04** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2019/036489  
(31) 62/545,427 (32) 14.08.17 (33) US  
(43) 21.02.2019
- (72) GOLD, Daniel P.  
(74) FB Rice Pty Ltd
- 
- (71) Memjet Technology Limited  
(11) AU-A-2018340223  
(21) 2018340223 (22) 10.09.2018

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

- (54) Print engine for color digital inkjet press  
 (51) Int. Cl.  
**B41J 2/155** ( 2006.01 )  
**B41J 2/165** ( 2006.01 )  
**B41J 29/02** ( 2006.01 )  
 (87) WO2019/063275  
 (31) 62/563,584 (32) 26.09.17 (33) US  
 (43) 04.04.2019  
 (72) PROFACA, Mark  
 (74) Memjet Technology Limited
- 
- (71) Memjet Technology Limited  
 (11) AU-A-2018361379  
 (21) 2018361379 (22) 17.09.2018  
 (54) Maintenance module arrangement for modular printer having curved media path  
 (51) Int. Cl.  
**B41J 2/165** ( 2006.01 )  
**B41J 25/304** ( 2006.01 )  
**B41J 25/34** ( 2006.01 )  
 (87) WO2019/086163  
 (31) 62/579,735 (32) 31.10.17 (33) US  
 (43) 09.05.2019  
 (72) PROFACA, Mark  
 (74) Memjet Technology Limited
- 
- (71) MENARD, S.  
 (11) AU-A-2018315517  
 (21) 2018315517 (22) 07.08.2018  
 (54) Ship for recovering ocean waste  
 (51) Int. Cl.  
**B63B 35/32** ( 2006.01 )  
**B29B 17/02** ( 2006.01 )  
**E02B 15/04** ( 2006.01 )  
 (87) WO2019/029840  
 (31) 17/00842 (32) 07.08.17 (33) FR  
 (43) 14.02.2019  
 (72) MÉNARD, SERGE  
 (74) A.P.T. Patent and Trade Mark Attorneys
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2018314837  
 (21) 2018314837 (22) 08.08.2018  
 (54) Pharmaceutical preparation comprising 3-Fluoro-4-(7-methoxy-3-methyl-8-(1-methyl-1 H-pyrazol-4-yl)-2-oxo-2,3-dihydro-imidazo(4,5-c)quinolin-1 -yl)-benzotrile  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/38** ( 2006.01 )  
 (87) WO2019/030302  
 (31) 17186010.9 (32) 11.08.17 (33) EP  
 (43) 14.02.2019  
 (72) GEISSLER, Simon; SCHILLER, Stefan; HARMS, Meike; KUBAS, Holger; WEIG-ANDT, Markus; LANGE, Michael  
 (74) Griffith Hack
- 
- (71) Merck Patent GmbH  
 (11) AU-A-2018338653  
 (21) 2018338653 (22) 26.09.2018  
 (54) New therapy for osteoarthritic pain  
 (51) Int. Cl.  
**A61K 33/14** ( 2006.01 )  
**A61K 33/42** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
 (87) WO2019/063581  
 (31) 17193587.7 (32) 27.09.17 (33) EP  
 (43) 04.04.2019  
 (72) LADEL, Christoph H.; GUEHRING, Hans  
 (74) Griffith Hack
- 
- (71) Merck Sharp & Dohme Corp.  
 (11) AU-A-2018345523  
 (21) 2018345523 (22) 27.09.2018  
 (54) Chromane monobactam compounds for the treatment of bacterial infections  
 (51) Int. Cl.  
**A61K 31/427** ( 2006.01 )  
**A61K 31/433** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
 (87) WO2019/070492  
 (31) 62/566,779 (32) 02.10.17 (33) US  
 (43) 11.04.2019  
 (72) BIFTU, Tesfaye; HUANG, Xianhai; LIU, Weigu; PAN, Weidong; PARK, Min; PASTERNAK, Alexander; SUN, Wanying; TANG, Haifeng; ZANG, Yi  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Merck Sharp & Dohme Corp.; Amgen Inc.  
 (11) AU-A-2018355519  
 (21) 2018355519 (22) 26.10.2018  
 (54) Compositions and methods for treating liver cancer  
 (51) Int. Cl.  
**A61K 35/763** ( 2015.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2019/084418  
 (31) 62/578,071 (32) 27.10.17 (33) US  
 (43) 02.05.2019  
 (72) GANSERT, Jennifer Lorraine; MUR-UGAPPAN, Swaminathan; WOLF, Michael Kevin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) M-I L.L.C.  
 (11) AU-A-2018342586  
 (21) 2018342586 (22) 01.10.2018  
 (54) Methods for wellbore strengthening  
 (51) Int. Cl.  
**C09K 8/502** ( 2006.01 )  
**C09K 8/514** ( 2006.01 )  
**E21B 33/138** ( 2006.01 )  
 (87) WO2019/068064  
 (31) 62/565,285 (32) 29.09.17 (33) US  
 (43) 04.04.2019  
 (72) BLUE, Aaron; SHELDON, Josh  
 (74) Griffith Hack
- 
- (71) Mina Therapeutics Limited  
 (11) AU-A-2018330494  
 (21) 2018330494 (22) 07.09.2018  
 (54) HNF4a saRNA compositions and methods of use  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
 (87) WO2019/048631  
 (31) 62/555,951 (32) 08.09.17 (33) US  
 PCT/ 22.09.17 EP  
 EP2017/074130  
 62/555,937 08.09.17 US  
 (43) 14.03.2019  
 (72) HUBER, Hans E.; BLAKEY, David; VOUTILA, Jon; KRAMPERT, Monika; HOSSBACH, Markus  
 (74) Griffith Hack
- 
- (71) Mina Therapeutics Limited  
 (11) AU-A-2018330495  
 (21) 2018330495 (22) 07.09.2018  
 (54) Stabilized HNF4A saRNA compositions and methods of use  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
 (87) WO2019/048632  
 (31) PCT/ (32) 22.09.17 (33) EP  
 EP2017/074130  
 62/555,951 08.09.17 US  
 62/555,937 08.09.17 US  
 (43) 14.03.2019  
 (72) HUBER, Hans E.; BLAKEY, David; VOUTILA, Jon; REEBYE, Vikash  
 (74) Griffith Hack
- 
- (71) Mitsubishi Chemical Corporation  
 (11) AU-A-2019219969  
 (21) 2019219969 (22) 13.02.2019  
 (54) Flame retardant metal-resin composite material  
 (51) Int. Cl.  
**B32B 15/08** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
 (87) WO2019/159929  
 (31) 2018-178911 (32) 25.09.18 (33) JP  
 2018-024257 14.02.18 JP  
 (43) 22.08.2019  
 (72) MURAKI, Kazuhiro; YANAI, Eiji  
 (74) Griffith Hack
- 
- (71) Mocean Energy Ltd  
 (11) AU-A-2018330754  
 (21) 2018330754 (22) 06.09.2018  
 (54) Wave-energy extraction  
 (51) Int. Cl.  
**F03B 13/20** ( 2006.01 )  
 (87) WO2019/048865  
 (31) 1714358.7 (32) 06.09.17 (33) GB  
 (43) 14.03.2019  
 (72) MCNATT, James Cameron; RETZLER, Christopher Heinz  
 (74) Elliptic Legal & Patent Services
- 
- (71) MTD Products Inc  
 (11) AU-A-2018341569  
 (21) 2018341569 (22) 27.09.2018  
 (54) Foldable crate for a lawn maintenance vehicle  
 (51) Int. Cl.

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

**B65D 85/68** ( 2006.01 )  
**B65D 19/12** ( 2006.01 )  
**(87)** WO2019/067664  
**(31)** 16/142,204 **(32)** 26.09.18 **(33)** US  
 62/565,409 29.09.17 US  
**(43)** 04.04.2019  
**(72)** KOLECKI, Jason; MENKE, Michael D.  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** National Oilwell Varco Norway AS  
**(11)** AU-A-2018329413  
**(21)** 2018329413 **(22)** 07.09.2018  
**(54)** Electrohydraulic device, method, and marine vessel or platform  
**(51)** Int. Cl.  
**F15B 15/18** ( 2006.01 )  
**B66C 13/02** ( 2006.01 )  
**(87)** WO2019/050413  
**(31)** 17190129.1 **(32)** 08.09.17 **(33)** EP  
**(43)** 14.03.2019  
**(72)** BORØY, Yngvar; STRAND, Thor; BERGSTØL, Geir Odd  
**(74)** Spruson & Ferguson

**(71)** Naval Group  
**(11)** AU-A-2018330490  
**(21)** 2018330490 **(22)** 07.09.2018  
**(54)** Device for monitoring the insulation and/or continuity of at least one electric cable and associated monitoring method  
**(51)** Int. Cl.  
**G01R 31/12** ( 2006.01 )  
**(87)** WO2019/048627  
**(31)** 17 00904 **(32)** 08.09.17 **(33)** FR  
**(43)** 14.03.2019  
**(72)** PAROIS-QUELENNEC, Eric; CHERUEL, Richard  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Navi Medical Technologies Pty Ltd  
**(11)** AU-A-2018352479  
**(21)** 2018352479 **(22)** 19.10.2018  
**(54)** Catheter location determination in paediatric patients  
**(51)** Int. Cl.  
**A61B 5/0456** ( 2006.01 )  
**A61B 5/027** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
**A61B 5/0404** ( 2006.01 )  
**A61B 5/042** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
**(87)** WO2019/075529  
**(31)** 62/574,403 **(32)** 19.10.17 **(33)** US  
**(43)** 25.04.2019  
**(72)** NEWTON, Alexander; BERGMANN, Bradley; YOUSUF, Mubin; THEDA, Christiane; SHEUNG, Shing Yue; SUE, Wei Xin  
**(74)** Mills Oakley

**(71)** NeoMed, Inc.  
**(11)** AU-A-2018345904  
**(21)** 2018345904 **(22)** 08.10.2018  
**(54)** Male to female coupling  
**(51)** Int. Cl.  
**A61M 39/10** ( 2006.01 )

**A61J 1/20** ( 2006.01 )  
**A61J 15/00** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
**(87)** WO2019/071259  
**(31)** 62/568,832 **(32)** 06.10.17 **(33)** US  
**(43)** 11.04.2019  
**(72)** DOORNBOS, David A.; DAVIS, Benjamin M.  
**(74)** Spruson & Ferguson

**(71)** Nestec S.A.  
**(11)** AU-A-2018365217  
**(21)** 2018365217 **(22)** 08.11.2018  
**(54)** Homovanillyl alcohol (HVA), HVA isomer, methods of making compositions comprising such compounds, and methods using such compounds  
**(51)** Int. Cl.  
**A61K 31/7048** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A61K 31/7042** ( 2006.01 )  
**A61K 35/741** ( 2015.01 )  
**A61K 36/63** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**C12Q 1/6809** ( 2018.01 )  
**C12Q 1/689** ( 2018.01 )  
**(87)** WO2019/092069  
**(31)** 62/724,249 **(32)** 29.08.18 **(33)** US  
 17200589.4 08.11.17 EP  
 17200578.7 08.11.17 EP  
 17200582.9 08.11.17 EP  
**(43)** 16.05.2019  
**(72)** HORCAJADA, Marie Noëlle; POQUET, Laure  
**(74)** Shelston IP Pty Ltd.

**(71)** North & South Brother Pharmacy Investment Company Limited  
**(11)** AU-A-2018340376  
**(21)** 2018340376 **(22)** 21.09.2018  
**(54)** Substituted pyrimidine piperazine compound and use thereof  
**(51)** Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A61P 25/20** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 25/30** ( 2006.01 )  
**(87)** WO2019/062662  
**(31)** 201710902245.7 **(32)** 29.09.17 **(33)** CN  
**(43)** 04.04.2019  
**(72)** JIN, Chuanfei; ZHONG, Wenhe; LIANG, Haiping; ZHANG, Yingjun  
**(74)** MINTER ELLISON

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2018362082  
**(21)** 2018362082 **(22)** 13.09.2018  
**(54)** Thermally isolated ground planes with a superconducting electrical coupler  
**(51)** Int. Cl.  
**H01L 23/34** ( 2006.01 )  
**H01L 23/538** ( 2006.01 )

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2018362082  
**(21)** 2018362082 **(22)** 13.09.2018  
**(54)** Thermally isolated ground planes with a superconducting electrical coupler  
**(51)** Int. Cl.  
**H01L 23/34** ( 2006.01 )  
**H01L 23/538** ( 2006.01 )

**(87)** WO2019/089139  
**(31)** 15/798,977 **(32)** 31.10.17 **(33)** US  
**(43)** 09.05.2019  
**(72)** LONEY, Patrick Alan; HATHAWAY, Aaron Ashley; QUEEN, Daniel Robert; PRZYBYSZ, John X.; YOUNG, Robert Miles  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2018364685  
**(21)** 2018364685 **(22)** 08.11.2018  
**(54)** Extended release formulations for intra-articular applications  
**(51)** Int. Cl.  
**A61K 8/22** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/4465** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61P 19/02** ( 2006.01 )  
**(87)** WO2019/092637  
**(31)** 62/743,864 **(32)** 10.10.18 **(33)** US  
 62/584,589 10.11.17 US  
**(43)** 16.05.2019  
**(72)** CASTAGNOLI, Carlo; FISCH, Andreas; LORSCHIEDER, Mathilde; NEHARKAR, Manjali Laxman; RIEBESEHL, Bernd Ulrich  
**(74)** Davies Collison Cave Pty Ltd

**(71)** NTT Security Corporation  
**(11)** AU-A-2018313852  
**(21)** 2018313852 **(22)** 08.08.2018  
**(54)** Malware host netflow analysis system and method  
**(51)** Int. Cl.  
**G06F 21/50** ( 2013.01 )  
**G06F 21/00** ( 2013.01 )  
**G06F 21/56** ( 2013.01 )  
**(87)** WO2019/032745  
**(31)** 15/673,341 **(32)** 09.08.17 **(33)** US  
**(43)** 14.02.2019  
**(72)** TAKAHASHI, Kenji; NIEDZWIEDZ, Marek; TADEUSIAK, Michal; MILCZEK, Jan; NAKONIECZNY, Szymon; CZAKON, Jakub  
**(74)** RnB IP Pty Ltd

**(71)** Nuovo Pignone Tecnologie Srl  
**(11)** AU-A-2018325293  
**(21)** 2018325293 **(22)** 22.08.2018  
**(54)** A combined heat recovery and chilling system and method  
**(51)** Int. Cl.  
**F25B 9/00** ( 2006.01 )  
**F01K 25/10** ( 2006.01 )  
**F25B 11/02** ( 2006.01 )  
**(87)** WO2019/042847  
**(31)** 102017000096779 **(32)** 29.08.17 **(33)** IT  
**(43)** 07.03.2019  
**(72)** SANTINI, Marco; AMIDEI, Simone  
**(74)** Patent Attorney Services

**(71)** Nuud B.V.  
**(11)** AU-A-2018329401  
**(21)** 2018329401 **(22)** 06.09.2018  
**(54)** Deodorant composition

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

- (51) Int. Cl.  
**A61Q 15/00** ( 2006.01 )  
**A61K 8/02** ( 2006.01 )  
**A61K 8/19** ( 2006.01 )
- (87) WO2019/050399  
(31) 2019490 (32) 06.09.17 (33) NL  
2021304 13.07.18 NL
- (43) 14.03.2019  
(72) VAN SETERS, Martijn Pieter  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Ocado Innovation Limited  
(11) AU-A-2018346279  
(21) 2018346279 (22) 03.10.2018  
(54) Transporting device, storage system and method of relocating a transporting device
- (51) Int. Cl.  
**B65G 35/06** ( 2006.01 )  
**B65G 1/04** ( 2006.01 )  
**B65G 1/10** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**B65G 54/02** ( 2006.01 )
- (87) WO2019/068775  
(31) 1716204.1 (32) 04.10.17 (33) GB  
(43) 11.04.2019  
(72) INGRAM-TEDD, Andrew John; SHARP, David; ZAMMIT, Joseph; THOMAS, Ben; CLARK, Sean; DEACON, Graham  
(74) Griffith Hack
- 
- (71) Ocado Innovation Limited  
(11) AU-A-2018346282  
(21) 2018346282 (22) 03.10.2018  
(54) Object handling coordination system and method of relocating a transporting vessel
- (51) Int. Cl.  
**G05D 1/00** ( 2006.01 )
- (87) WO2019/068778  
(31) 1716201.7 (32) 04.10.17 (33) GB  
(43) 11.04.2019  
(72) SHARP, David; ZAMMIT, Joseph; WATKINS, Richard; CAMPBELL, Michael  
(74) Griffith Hack
- 
- (71) Oji Holdings Corporation  
(11) AU-A-2017321818  
(21) 2017321818 (22) 31.08.2017  
(54) Production method for pentosan polysulfate
- (51) Int. Cl.  
**C08B 37/00** ( 2006.01 )
- (87) WO2018/043668  
(43) 08.03.2018  
(72) Ishikawa, Kotaro; Kashiwamura, Takuro; Kato, Takuya; Koga, Toru; Ishikawa, Suguru  
(74) Collison & Co
- 
- (71) Oldfield, A.  
(11) AU-A-2018315235  
(21) 2018315235 (22) 07.08.2018  
(54) Temporary traffic signalling system
- (51) Int. Cl.  
**G08G 1/095** ( 2006.01 )  
**G08G 1/0955** ( 2006.01 )
- (87) WO2019/030514  
(31) 1712675.6 (32) 07.08.17 (33) GB
- (43) 14.02.2019  
(72) OLDFIELD, Andrew Jason  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) OmBase Ventures Ltd.  
(11) AU-A-2018317526  
(21) 2018317526 (22) 17.08.2018  
(54) Adjustable bench
- (51) Int. Cl.  
**A47C 7/14** ( 2006.01 )  
**A47C 3/36** ( 2006.01 )  
**A47C 4/10** ( 2006.01 )  
**A47C 9/10** ( 2006.01 )  
**A47C 31/00** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )
- (87) WO2019/033222  
(31) 62/547,661 (32) 18.08.17 (33) US  
(43) 21.02.2019  
(72) LEIA, Allan Peter; PEDSCALNY, Lisa Ann; DRUMMOND, Craig Michael; BENTZ, Herbert Walter; POND, Christopher; FOSTER, Michael Robert  
(74) Armour IP Pty Ltd
- 
- (71) Original Biological Technology Co., Ltd.  
(11) AU-A-2018417113  
(21) 2018417113 (22) 13.09.2018  
(54) Nutrition formula milk powder for infants after congenital heart disease surgery or non-cardiac surgery and other critically ill infants in intensive care, and method of using the same
- (51) Int. Cl.  
**A23C 9/00** ( 2006.01 )
- (43) 26.03.2020  
(72) Ma, Zeming  
(74) Michael Buck IP
- 
- (71) Parasol Medical, LLC  
(11) AU-A-2018313982  
(21) 2018313982 (22) 10.08.2018  
(54) Patient movement and incontinence notification system
- (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61F 13/42** ( 2006.01 )  
**G08B 23/00** ( 2006.01 )
- (87) WO2019/032991  
(31) 62/543,436 (32) 10.08.17 (33) US  
62/649,088 28.03.18 US  
(43) 14.02.2019  
(72) KILCRAN, Michael D.; EDDY, Patrick E.; STEPHENS, Jacob D.; STEPHENS, Lucas W.; KILCRAN, Daniel P.  
(74) FB Rice Pty Ltd
- 
- (71) Paul Scherrer Institut  
(11) AU-A-2018337671  
(21) 2018337671 (22) 19.09.2018  
(54) Transglutaminase conjugation method and linker
- (51) Int. Cl.  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2019/057772  
(31) 17191825.3 (32) 19.09.17 (33) EP  
1800878.9 19.01.18 GB
- (43) 28.03.2019  
(72) SPYCHER, Philipp; SCHIBLI, Roger; BEHE, Martin; WEHRMÜLLER, Jöri  
(74) Pearce IP Pty Limited
- 
- (71) Peardon, M.  
(11) AU-A-2018315044  
(21) 2018315044 (22) 01.08.2018  
(54) Tunnel boring machine
- (51) Int. Cl.  
**E21D 9/12** ( 2006.01 )  
**E21D 9/11** ( 2006.01 )
- (87) WO2019/028495  
(31) 2017903145 (32) 08.08.17 (33) AU  
(43) 14.02.2019  
(72) PEARDON, Malcolm John  
(74) Ahearn Fox
- 
- (71) Petroleo Brasileiro S.A.  
(11) AU-A-2018316665  
(21) 2018316665 (22) 14.08.2018  
(54) Auxiliary device for lowering a tool into a well
- (51) Int. Cl.  
**E21B 23/14** ( 2006.01 )  
**E21B 33/072** ( 2006.01 )  
**E21B 33/076** ( 2006.01 )
- (87) WO2019/034865  
(31) 10 2017 017383-6 (32) 14.08.17 (33) BR  
(43) 21.02.2019  
(72) MIRANDA JUNIOR, Jose Soares de; TO-SCANO, Orman Salvador; FERREIRA, Paulo Cesar Cardoso; OLIVEIRA REIS, Humberto de  
(74) FB Rice Pty Ltd
- 
- (71) PharmaBio Corporation  
(11) AU-A-2018326894  
(21) 2018326894 (22) 20.08.2018  
(54) Production device, system, and method
- (51) Int. Cl.  
**A61K 35/12** ( 2015.01 )  
**A61L 27/38** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 3/00** ( 2006.01 )  
**G06Q 50/22** ( 2018.01 )
- (87) WO2019/044559  
(31) 2017-165283 (32) 30.08.17 (33) JP  
(43) 07.03.2019  
(72) MIYAUCHI, Hidemasa; KUSANO, Hitoshi  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Pharmacosmos Holding A/s  
(11) AU-A-2018328052  
(21) 2018328052 (22) 10.09.2018  
(54) Iron complex compounds for therapeutic use
- (51) Int. Cl.  
**A61K 47/26** ( 2006.01 )  
**A61K 33/26** ( 2006.01 )
- (87) WO2019/048674  
(31) 17190302.4 (32) 11.09.17 (33) EP

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

- (43) 14.03.2019  
 (72) CHRISTENSEN, Tobias S.; AN-DREASEN, Hans B.  
 (74) FB Rice Pty Ltd
- 
- (71) Philip Morris Products S.A.  
 (11) AU-A-2018315423  
 (21) 2018315423 (22) 09.08.2018  
 (54) Aerosol generating system with multiple inductor coils  
 (51) Int. Cl.  
 A24F 47/00 (2006.01)  
 H05B 6/10 (2006.01)  
 H05B 6/44 (2006.01)  
 (87) WO2019/030366  
 (31) 17185588.5 (32) 09.08.17 (33) EP  
 (43) 14.02.2019  
 (72) MIRONOV, Oleg; COURBAT, Jerome Christian; REEVELL, Tony; STURA, Enrico  
 (74) Spruson & Ferguson
- 
- (71) Philipou, E.  
 (11) AU-A-2018317933  
 (21) 2018317933 (22) 14.08.2018  
 (54) Employment management system  
 (51) Int. Cl.  
 G06Q 10/06 (2012.01)  
 G06Q 10/10 (2012.01)  
 (87) WO2019/033157  
 (31) 2017903263 (32) 15.08.17 (33) AU  
 (43) 21.02.2019  
 (72) PHILIPOU, Elias  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Prologium Technology Co., Ltd.; Prologium Holding Inc.  
 (11) AU-A-2018342378  
 (21) 2018342378 (22) 15.08.2018  
 (54) Flexible battery  
 (51) Int. Cl.  
 H01M 2/34 (2006.01)  
 H01M 10/058 (2010.01)  
 (87) WO2019/062367  
 (31) 201710908077.2 (32) 29.09.17 (33) CN  
 (43) 04.04.2019  
 (72) YANG, Szu-Nan  
 (74) A.P.T. Patent and Trade Mark Attorneys
- 
- (71) Purdue Pharma L.P.  
 (11) AU-A-2018351502  
 (21) 2018351502 (22) 19.10.2018  
 (54) Pharmaceutical dosage forms  
 (51) Int. Cl.  
 A61K 9/52 (2006.01)  
 A61K 9/22 (2006.01)  
 A61K 9/48 (2006.01)  
 (87) WO2019/079729  
 (31) 62/574,978 (32) 20.10.17 (33) US  
 (43) 25.04.2019  
 (72) AKCAN, Ozgur; HARRIS, Stephen; MAN-NION, Richard  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2018346909  
 (21) 2018346909 (22) 05.10.2018  
 (54) Image signal processor for processing images  
 (51) Int. Cl.  
 G06T 3/40 (2006.01)  
 (87) WO2019/074804  
 (31) 15/993,223 (32) 30.05.18 (33) US  
 62/571,182 11.10.17 US  
 (43) 18.04.2019  
 (72) HWANG, Hau; PANKAJ, Tushar Sinha; GUPTA, Vishal; LEE, Jisoo  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2018348087  
 (21) 2018348087 (22) 09.10.2018  
 (54) Systems and methods of communicating via sub-bands in wireless communication networks  
 (51) Int. Cl.  
 H04L 5/00 (2006.01)  
 (87) WO2019/074953  
 (31) 16/154,621 (32) 08.10.18 (33) US  
 62/625,293 01.02.18 US  
 62/586,081 14.11.17 US  
 62/582,260 06.11.17 US  
 62/571,207 11.10.17 US  
 (43) 18.04.2019  
 (72) CHEN, Jialing Li; TIAN, Bin; YANG, Lin; VERMANI, Sameer; VERMA, Lochan  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2018348143  
 (21) 2018348143 (22) 10.10.2018  
 (54) Affine prediction in video coding  
 (51) Int. Cl.  
 H04N 19/54 (2014.01)  
 H04N 19/109 (2014.01)  
 H04N 19/147 (2014.01)  
 H04N 19/174 (2014.01)  
 H04N 19/176 (2014.01)  
 H04N 19/70 (2014.01)  
 (87) WO2019/075058  
 (31) 62/570,417 (32) 10.10.17 (33) US  
 16/155,744 09.10.18 US  
 (43) 18.04.2019  
 (72) ZHANG, Kai; CHEN, Jianle; ZHAO, Xin; KARCEWICZ, Marta  
 (74) Madderns Pty Ltd
- 
- (71) Queensland University of Technology  
 (11) AU-A-2018315056  
 (21) 2018315056 (22) 08.08.2018  
 (54) Methods for diagnosis of early stage heart failure  
 (51) Int. Cl.  
 G01N 33/68 (2006.01)  
 G01N 33/48 (2006.01)  
 G01N 33/50 (2006.01)  
 (87) WO2019/028507  
 (31) 2017903138 (32) 08.08.17 (33) AU  
 (43) 14.02.2019  
 (72) PUNYADEERA, Chamindie; XHANG, Xi; SCHULZ, Benjamin  
 (74) Spruson & Ferguson
- 
- (71) Rahan Meristem (1998) Ltd  
 (11) AU-A-2018333148  
 (21) 2018333148 (22) 13.09.2018  
 (54) A method for producing banana plants with tolerance to Fusarium oxysporum Cubensis TR4  
 (51) Int. Cl.  
 A01H 1/06 (2006.01)  
 A01H 6/00 (2018.01)  
 (87) WO2019/053720  
 (31) 62/558,463 (32) 14.09.17 (33) US  
 (43) 21.03.2019  
 (72) KHAYAT, Eli  
 (74) Collison & Co
- 
- (71) Raison, LLC; Hagen, T.  
 (11) AU-A-2018309149  
 (21) 2018309149 (22) 03.08.2018  
 (54) Microbial inoculant compositions and methods  
 (51) Int. Cl.  
 A01N 25/28 (2006.01)  
 A01N 63/10 (2020.01)  
 A01N 63/30 (2020.01)  
 (87) WO2019/028398  
 (31) 62/663,069 (32) 26.04.18 (33) US  
 62/541,422 04.08.17 US  
 62/660,830 20.04.18 US  
 62/672,198 16.05.18 US  
 (43) 07.02.2019  
 (72) HAGEN, Tony  
 (74) Griffith Hack
- 
- (71) Raytheon Canada Limited  
 (11) AU-A-2017433745  
 (21) 2017433745 (22) 29.09.2017  
 (54) Integrated optical sighting system  
 (51) Int. Cl.  
 G02B 23/00 (2006.01)  
 F41G 1/473 (2006.01)  
 G01S 17/08 (2006.01)  
 G02B 13/16 (2006.01)  
 G02B 25/00 (2006.01)  
 G02B 27/34 (2006.01)  
 (87) WO2019/060975  
 (43) 04.04.2019  
 (72) BROWN, Douglas J.; NOBES, Ryan Walter; ROSS Brien D.; THORPE, Michael David; WAGNER, Kevin Burgess  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) RealD Spark, LLC  
 (11) AU-A-2018331459  
 (21) 2018331459 (22) 14.09.2018  
 (54) Optical stack for switchable directional display  
 (51) Int. Cl.  
 G02F 1/1335 (2006.01)  
 G02F 1/13363 (2006.01)  
 (87) WO2019/055753  
 (31) 62/592,085 (32) 29.11.17 (33) US  
 62/582,052 06.11.17 US  
 62/565,836 29.09.17 US  
 62/559,187 15.09.17 US  
 62/699,914 18.07.18 US

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

- 62/673,359 18.05.18 US **A61P 25/00** ( 2006.01 )  
 62/641,657 12.03.18 US **A61P 25/16** ( 2006.01 )  
 62/634,168 22.02.18 US **A61P 25/24** ( 2006.01 )
- (43) 21.03.2019  
 (72) ROBINSON, Michael G.; WOODGATE, Graham J.; RAMSEY, Robert A.; HARROLD, Jonathan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Riboscience LLC  
 (11) AU-A-2018335411  
 (21) 2018335411 (22) 21.09.2018  
 (54) 4'-fluoro-2'-methyl substituted nucleoside derivatives as inhibitors of HCV RNA replication  
 (51) Int. Cl.  
**A61K 31/7072** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**C07H 19/04** ( 2006.01 )  
 (87) WO2019/060740  
 (31) 62/561,237 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) SMITH, Mark; KLUMPP, Klaus G.  
 (74) Spruson & Ferguson
- 
- (71) RJ Lee Group, Inc.  
 (11) AU-A-2018341239  
 (21) 2018341239 (22) 21.09.2018  
 (54) Methods and apparatus for clarification of pyrolysis oils  
 (51) Int. Cl.  
**B01D 15/00** ( 2006.01 )  
**B01D 1/00** ( 2006.01 )  
 (87) WO2019/067311  
 (31) 15/717,264 (32) 27.09.17 (33) US  
 (43) 04.04.2019  
 (72) LEVINE, Alan M.; MONACO, Steven J.; LEE, Richard J.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Roquette Freres  
 (11) AU-A-2018334101  
 (21) 2018334101 (22) 14.09.2018  
 (54) Pea proteins with improved flavour, production method, and industrial uses  
 (51) Int. Cl.  
**A23J 1/14** ( 2006.01 )  
**A23J 3/14** ( 2006.01 )  
 (87) WO2019/053387  
 (31) 17 58570 (32) 15.09.17 (33) FR  
 (43) 21.03.2019  
 (72) LECOCQ, Aline; IBERT, Mathias; DEBOUVERIE, Franck  
 (74) Spruson & Ferguson
- 
- (71) Sage Therapeutics, Inc.  
 (11) AU-A-2018327357  
 (21) 2018327357 (22) 07.09.2018  
 (54) Neuroactive steroids and their methods of use  
 (51) Int. Cl.  
**A61K 31/573** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )
- 
- (71) Sage Therapeutics, Inc.  
 (11) AU-A-2018334214  
 (21) 2018334214 (22) 14.09.2018  
 (54) A 19-nor c3,3-disubstituted c21-n-pyrazolyl steroid and methods of use thereof  
 (51) Int. Cl.  
**A61K 31/58** ( 2006.01 )  
**A61P 25/20** ( 2006.01 )  
 (87) WO2019/055764  
 (31) 62/653,189 (32) 05.04.18 (33) US  
 62/558,703 14.09.17 US  
 62/624,680 31.01.18 US  
 62/624,678 31.01.18 US  
 (43) 21.03.2019  
 (72) DOHERTY, James J.; KANES, Stephen Jay; JONAS, Jeffrey M.; KAUL, Inderjit  
 (74) Spruson & Ferguson
- 
- (71) Saint-Gobain Performance Plastics Corporation  
 (11) AU-A-2018347535  
 (21) 2018347535 (22) 12.10.2018  
 (54) Fluid manifold and method of making same  
 (51) Int. Cl.  
**F16L 41/02** ( 2006.01 )  
**F16L 41/12** ( 2006.01 )  
**F16L 55/00** ( 2006.01 )  
 (87) WO2019/075285  
 (31) 62/572,119 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (72) ZOELLNER, Clemens E.; OSENTOSKI, Jason  
 (74) In-Legal Limited
- 
- (71) Samsung Electronics Co., Ltd.  
 (11) AU-A-2018330126  
 (21) 2018330126 (22) 06.09.2018  
 (54) Method and apparatus for transmitting and receiving control and data channels in wireless communication system  
 (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/12** ( 2009.01 )  
 (87) WO2019/050306  
 (31) 10-2017-0115463 (32) 08.09.17 (33) KR  
 (43) 14.03.2019  
 (72) KIM, Taehyoung; KIM, Youngbum; YEO, Jeongho; OH, Jinyoung; CHOI, Seung-hoon; GHA, Heedon; BAE, Taehan  
 (74) Griffith Hack
- 
- (71) Samsung Electronics Co., Ltd.  
 (11) AU-A-2018390056  
 (21) 2018390056 (22) 24.12.2018
- 
- (54) Method and apparatus for configuring demodulation reference signal information in wireless cellular communication system  
 (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
 (87) WO2019/125090  
 (31) 10-2018-0008885 (32) 24.01.18 (33) KR  
 10-2017-0178380 22.12.17 KR  
 (43) 27.06.2019  
 (72) SHIN, Cheolkyu; KWAK, Youngwoo; KIM, Taehyoung; NOH, Hoondong  
 (74) Griffith Hack
- 
- (71) Sanford Burnham Prebys Medical Discovery Institute  
 (11) AU-A-2018326633  
 (21) 2018326633 (22) 30.08.2018  
 (54) TP53 as biomarker for responsiveness to immunotherapy  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12Q 1/68** ( 2018.01 )  
**C12Q 1/6813** ( 2018.01 )  
**C12Q 1/6827** ( 2018.01 )  
 (87) WO2019/046619  
 (31) 62/552,221 (32) 30.08.17 (33) US  
 62/702,802 24.07.18 US  
 (43) 07.03.2019  
 (72) WECHSLER-REYA, Robert; GARANCHER, Alexandra; WARE, Carl  
 (74) FB Rice Pty Ltd
- 
- (71) Sanofi  
 (11) AU-A-2018314773  
 (21) 2018314773 (22) 08.08.2018  
 (54) GLP-1/glucagon receptor agonists in the treatment of fatty liver disease and steatohepatitis  
 (51) Int. Cl.  
**A61K 38/22** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
 (87) WO2019/030268  
 (31) 17 306 059.1 (32) 09.08.17 (33) EP  
 (43) 14.02.2019  
 (72) KANNT, Aimo; BIELOHUBY, Maximilian; ELVERT, Ralf; WAGNER, Michael; BOSSART, Martin; HAACK, Torsten; KEIL, Stephanie; SEIZ, Werner  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Savage Equipment Incorporated  
 (11) AU-A-2018336789  
 (21) 2018336789 (22) 19.09.2018  
 (54) Modular nut cleaning plant  
 (51) Int. Cl.  
**A23N 5/00** ( 2006.01 )  
**B03B 9/00** ( 2006.01 )  
**B07B 15/00** ( 2006.01 )  
 (87) WO2019/060423  
 (31) 62/560,516 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) SAVAGE, Basil W.; SAVAGE, Steven W.; WAGONER, William  
 (74) Phillips Ormonde Fitzpatrick

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

---

(71) Savage Equipment Incorporated  
 (11) AU-A-2018337824  
 (21) 2018337824 (22) 19.09.2018  
 (54) Nut sizer  
 (51) Int. Cl.  
     **A23N 5/00** ( 2006.01 )  
     **B07B 1/10** ( 2006.01 )  
     **B07B 1/12** ( 2006.01 )  
     **B07B 1/18** ( 2006.01 )  
     **B07B 1/22** ( 2006.01 )  
     **B07B 1/24** ( 2006.01 )  
     **B07B 1/52** ( 2006.01 )  
 (87) WO2019/060434  
 (31) 62/560,516 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) SAVAGE, Basil W.; SAVAGE, Steven W.;  
     WAGONER, William  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Schachtner Vermögensverwaltungs GmbH  
 & Co. KG  
 (11) AU-A-2018327402  
 (21) 2018327402 (22) 29.08.2018  
 (54) Carrying device for babies or small children  
 (51) Int. Cl.  
     **A47D 13/02** ( 2006.01 )  
 (87) WO2019/048314  
 (31) 10 2017 120 964.6 (32) 11.09.17 (33) DE  
 (43) 14.03.2019  
 (72) SCHACHTNER, Petra  
 (74) Halfords IP

---

(71) Singapore Health Services Pte Ltd; Nation-  
 al University of Singapore; Belkin, M.  
 (11) AU-A-2018326835  
 (21) 2018326835 (22) 31.08.2018  
 (54) Angio-3 for treatment of retinal angiogenic  
 diseases  
 (51) Int. Cl.  
     **C07K 7/04** ( 2006.01 )  
     **A61K 38/04** ( 2006.01 )  
     **A61K 38/08** ( 2019.01 )  
     **A61P 27/02** ( 2006.01 )  
     **C07K 7/06** ( 2006.01 )  
     **C07K 16/22** ( 2006.01 )  
 (87) WO2019/043649  
 (31) 62/553,051 (32) 31.08.17 (33) US  
 (43) 07.03.2019  
 (72) BELKIN, Michael; BARATHI, Veluchamy  
     Amutha; LAKSHMINARAYANAN, Ra-  
     jamani; KINI, R. Manjunatha; RUOWEN,  
     Ge; WONG, Tien Yin; CHEUNG, Gemmy  
     Chui Ming  
 (74) Spruson & Ferguson

---

(71) SKINPROTECT CORPORATION SDN  
 BHD  
 (11) AU-A-2018329205  
 (21) 2018329205 (22) 10.09.2018  
 (54) Synthetic elastomeric article and methods  
 for producing thereof  
 (51) Int. Cl.  
     **A41D 19/015** ( 2006.01 )  
     **B29C 41/14** ( 2006.01 )  
     **C08J 3/26** ( 2006.01 )  
     **C09K 3/16** ( 2006.01 )

---

(87) WO2019/046906  
 (31) 2017903688 (32) 11.09.17 (33) AU  
 (43) 14.03.2019  
 (72) FOO, Khon Pu; LIM, Chin Keong; TUNG,  
     Cian Ying  
 (74) Griffith Hack

---

(71) Smith & Nephew, Inc.  
 (11) AU-A-2018342609  
 (21) 2018342609 (22) 01.10.2018  
 (54) Surgical punch tool for robotically assisted  
 bone preparation for positioning of a cut-  
 ting block  
 (51) Int. Cl.  
     **A61B 17/16** ( 2006.01 )  
     **A61B 17/15** ( 2006.01 )  
     **A61B 17/17** ( 2006.01 )  
     **A61B 34/10** ( 2016.01 )  
 (87) WO2019/068088  
 (31) 62/565,860 (32) 29.09.17 (33) US  
 (43) 04.04.2019  
 (72) MITRA, Riddhit; DUMPE, Samuel; JARA-  
     MAZ, Branislav; DAVIDSON, David  
 (74) Patent Attorney Services

---

(71) Smith & Nephew plc  
 (11) AU-A-2018350770  
 (21) 2018350770 (22) 17.10.2018  
 (54) Fluid management for sensor enabled  
 wound therapy dressings and systems  
 (51) Int. Cl.  
     **A61F 13/00** ( 2006.01 )  
     **A61F 13/02** ( 2006.01 )  
     **A61L 15/64** ( 2006.01 )  
     **A61M 1/00** ( 2006.01 )  
     **B05C 19/00** ( 2006.01 )  
     **B05D 1/16** ( 2006.01 )  
     **D04H 11/00** ( 2006.01 )  
 (87) WO2019/076967  
 (31) 1718851.7 (32) 15.11.17 (33) GB  
     62/574,196 18.10.17 US  
 (43) 25.04.2019  
 (72) GOWANS, Philip; HARTWELL, Edward  
     Yerbury; HUNT, Allan Kenneth Frazer  
     Grugeon; PARTINGTON, Lee Ian; PHIL-  
     LIPS, Marcus Damian; QUINTANAR,  
     Felix Clarence; STEWARD, Daniel Lee;  
     URWIN, Charlotte; WHELDRAKE, Amy  
     Nicole  
 (74) Patent Attorney Services

---

(71) SOLIDRIP LTD.  
 (11) AU-A-2018327371  
 (21) 2018327371 (22) 06.09.2018  
 (54) Autonomous irrigation system  
 (51) Int. Cl.  
     **A01G 25/00** ( 2006.01 )  
     **A01G 25/16** ( 2006.01 )  
     **F16K 31/00** ( 2006.01 )  
     **G01N 19/10** ( 2006.01 )  
 (87) WO2019/049149  
 (31) 62/554,610 (32) 06.09.17 (33) US  
 (43) 14.03.2019  
 (72) SOL, David  
 (74) Collison & Co

---

(71) Sony Corporation  
 (11) AU-A-2018312704  
 (21) 2018312704 (22) 03.08.2018  
 (54) Method and electronic apparatus for wire-  
 less communication, storage medium  
 (51) Int. Cl.  
     **H04W 72/04** ( 2009.01 )  
     **H04L 5/00** ( 2006.01 )  
 (87) WO2019/029435  
 (31) 201710680258.4 (32) 10.08.17 (33) CN  
 (43) 14.02.2019  
 (72) TAO, Xiaofeng; LIU, Yuming; PENG,  
     Zhaoqi; GUO, Xin  
 (74) Spruson & Ferguson

---

(71) Sony Corporation  
 (11) AU-A-2018314798  
 (21) 2018314798 (22) 02.08.2018  
 (54) Apparatus and method in wireless commu-  
 nication system and computer readable stor-  
 age medium  
 (51) Int. Cl.  
     **H04L 5/00** ( 2006.01 )  
     **H04B 7/06** ( 2006.01 )  
     **H04W 72/04** ( 2009.01 )  
 (87) WO2019/029428  
 (31) 201710676184.7 (32) 09.08.17 (33) CN  
 (43) 14.02.2019  
 (72) LI, Dongru; YANG, Hang; TAO, Xiaofeng;  
     CAO, Jianfei  
 (74) Spruson & Ferguson

---

(71) Sony Corporation  
 (11) AU-A-2018315005  
 (21) 2018315005 (22) 08.08.2018  
 (54) Apparatus and method of wireless commu-  
 nication system, and computer-readable  
 storage medium  
 (51) Int. Cl.  
     **G08G 5/00** ( 2006.01 )  
 (87) WO2019/029546  
 (31) 201710686046.7 (32) 11.08.17 (33) CN  
 (43) 14.02.2019  
 (72) LV, Benshun; SUN, Chen  
 (74) Spruson & Ferguson

---

(71) Sony Corporation  
 (11) AU-A-2018331793  
 (21) 2018331793 (22) 18.07.2018  
 (54) Information processing device, information  
 processing method, and program  
 (51) Int. Cl.  
     **G06F 12/00** ( 2006.01 )  
 (87) WO2019/054042  
 (31) 2017-177084 (32) 14.09.17 (33) JP  
 (43) 21.03.2019  
 (72) TAKAHASHI, Koki; ISOZU, Masaaki;  
     WATANABE, Kazuhiro  
 (74) Spruson & Ferguson

---

(71) Sony Corporation  
 (11) AU-A-2018333668  
 (21) 2018333668 (22) 31.08.2018  
 (54) Information processing device and informa-  
 tion processing method  
 (51) Int. Cl.  
     **G10L 15/28** ( 2013.01 )

---



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

- G06F 3/16** ( 2006.01 )  
**G10L 15/00** ( 2013.01 )  
**G10L 19/018** ( 2013.01 )  
**H04H 20/28** ( 2008.01 )  
**(87)** WO2019/054199  
**(31)** 2017-177754 **(32)** 15.09.17 **(33)** JP  
**(43)** 21.03.2019  
**(72)** YAMAGISHI, Yasuaki  
**(74)** Spruson & Ferguson
- 
- (71)** Sony Corporation  
**(11)** AU-A-2018334351  
**(21)** 2018334351 **(22)** 31.08.2018  
**(54)** Image processing device and method  
**(51)** Int. Cl.  
**H04N 19/80** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
**H04N 19/136** ( 2014.01 )  
**H04N 19/186** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**(87)** WO2019/054200  
**(31)** 2017-177379 **(32)** 15.09.17 **(33)** JP  
**(43)** 21.03.2019  
**(72)** TSUKUBA, Takeshi  
**(74)** Spruson & Ferguson
- 
- (71)** Southwick, G.  
**(11)** AU-A-2017325106  
**(21)** 2017325106 **(22)** 06.09.2017  
**(54)** A clinical management protocol  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2018/045417  
**(43)** 15.03.2018  
**(72)** Southwick, Graeme; Temple-Smith, Peter; Ham, Seungmin  
**(74)** Davies Collision Cave Pty Ltd
- 
- (71)** Struct Nutrition, LLC  
**(11)** AU-A-2018321407  
**(21)** 2018321407 **(22)** 27.08.2018  
**(54)** Compositions and methods for preventing, alleviating, and treating neurological injury following head trauma  
**(51)** Int. Cl.  
**A61K 31/20** ( 2006.01 )  
**A23L 33/12** ( 2016.01 )  
**A61K 31/202** ( 2006.01 )  
**A61K 31/232** ( 2006.01 )  
**A61K 31/557** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C12P 7/64** ( 2006.01 )  
**(87)** WO2019/040938  
**(31)** 62/550,430 **(32)** 25.08.17 **(33)** US  
 62/559,978 18.09.17 US  
**(43)** 28.02.2019  
**(72)** PURPURA, Martin; JAEGER, Ralph; OLSON, Mark  
**(74)** Spruson & Ferguson
- 
- (71)** Sumitomo SHI FW Energia Oy  
**(11)** AU-A-2017436110  
**(21)** 2017436110 **(22)** 16.10.2017  
**(54)** A boiler construction  
**(51)** Int. Cl.  
**F22B 37/14** ( 2006.01 )  
**F22B 37/20** ( 2006.01 )  
**F22B 37/24** ( 2006.01 )  
**(87)** WO2019/076427  
**(43)** 25.04.2019  
**(72)** LANKINEN, Pentti; HOLOPAINEN, Heikki; POLLARI, Jussi; POREBA-SEBASTJAN, Martyna; SOLIPIWKO, Slawomir  
**(74)** Griffith Hack
- 
- (71)** Sutherland, S.  
**(11)** AU-A-2018322389  
**(21)** 2018322389 **(22)** 24.08.2018  
**(54)** Dispensing device  
**(51)** Int. Cl.  
**B65D 6/00** ( 2006.01 )  
**A47K 5/122** ( 2006.01 )  
**A61J 1/00** ( 2006.01 )  
**B65D 8/02** ( 2006.01 )  
**(87)** WO2019/040907  
**(31)** 62/549,854 **(32)** 24.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** SUTHERLAND, Spencer D.  
**(74)** MARTIN IP PTY LTD
- 
- (71)** Sutro Biopharma, Inc.  
**(11)** AU-A-2018333945  
**(21)** 2018333945 **(22)** 17.09.2018  
**(54)** Anti- folate receptor alpha antibody conjugates and their uses  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**(87)** WO2019/055931  
**(31)** 62/560,064 **(32)** 18.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** STAFFORD, Ryan; YAM, Alice; LI, Xiaofan; YIN, Gang; KLINE, Toni; ABRAHAMS, Cristina; DE ALMEIDA, Venita  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Symbol Technologies, LLC  
**(11)** AU-A-2018388705  
**(21)** 2018388705 **(22)** 14.11.2018  
**(54)** Systems and methods for determining commercial trailer fullness  
**(51)** Int. Cl.  
**G01F 17/00** ( 2006.01 )  
**B65G 67/04** ( 2006.01 )  
**B65G 67/20** ( 2006.01 )  
**G06Q 50/28** ( 2012.01 )  
**(87)** WO2019/125660  
**(31)** 15/853,293 **(32)** 22.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** TRAJKOVIC, Miroslav; BARISH, Justin F.; KRISHNAMURTHY, Adithya H.  
**(74)** Spruson & Ferguson
- 
- (71)** Symbol Technologies, LLC  
**(11)** AU-A-2018391957  
**(21)** 2018391957 **(22)** 05.11.2018  
**(54)** Computing package wall density in commercial trailer loading  
**(51)** Int. Cl.  
**F17D 1/00** ( 2006.01 )  
**G06T 7/60** ( 2017.01 )  
**(87)** WO2019/125654  
**(31)** 15/852,993 **(32)** 22.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** KRISHNAMURTHY, Adithya H.; TRAJKOVIC, Miroslav  
**(74)** Spruson & Ferguson
- 
- (71)** Taiho Pharmaceutical Co., Ltd.  
**(11)** AU-A-2018329881  
**(21)** 2018329881 **(22)** 06.09.2018  
**(54)** Antitumor agent and antitumor effect potentiator  
**(51)** Int. Cl.  
**A61K 31/47** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2019/049956  
**(31)** 2017-173352 **(32)** 08.09.17 **(33)** JP  
**(43)** 14.03.2019  
**(72)** HARUMA, Tomonori  
**(74)** Griffith Hack
- 
- (71)** Tak Logic, LLC  
**(11)** AU-A-2018313737  
**(21)** 2018313737 **(22)** 06.08.2018  
**(54)** Adhesive viscoelastomer and its use in stabilized storage containers  
**(51)** Int. Cl.  
**A41D 13/015** ( 2006.01 )  
**A41D 13/05** ( 2006.01 )  
**(87)** WO2019/032479  
**(31)** 15/731,815 **(32)** 07.08.17 **(33)** US  
**(43)** 14.02.2019  
**(72)** KRIESEL, Matthew Wayne; GOODENOUGH, Troy Bradley  
**(74)** FB Rice Pty Ltd
- 
- (71)** Tasly Biopharmaceuticals Co., Ltd.  
**(11)** AU-A-2018378376  
**(21)** 2018378376 **(22)** 23.11.2018  
**(54)** HM-3 fusion protein and use thereof  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )

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

- (87) WO2019/109819  
 (31) 201711273473.9 (32) 06.12.17 (33) CN  
 (43) 13.06.2019  
 (72) HUANG, Ruijing; FAN, Baoqing; LI, Jian; MA, Xiaohui; WANG, Yibo; ZHANG, Lihua; CAO, Xiaodan; LI, Wenlei; WANG, Pengyin; CHEN, Yan  
 (74) Shelston IP Pty Ltd.
- 
- (71) Technical Rubber Company, Inc.  
 (11) AU-A-2018329730  
 (21) 2018329730 (22) 07.09.2018  
 (54) Tire downsizing apparatus and method  
 (51) Int. Cl.  
**B29B 17/04** ( 2006.01 )  
**B29B 17/02** ( 2006.01 )
- (87) WO2019/051186  
 (31) 62/556,263 (32) 08.09.17 (33) US  
 (43) 14.03.2019  
 (72) SALVADORI, Samuel  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Tellus You Care, Inc.  
 (11) AU-A-2018345296  
 (21) 2018345296 (22) 01.10.2018  
 (54) Non-contact activity sensing network for elderly care  
 (51) Int. Cl.  
**A61B 5/103** ( 2006.01 )
- (87) WO2019/070570  
 (31) 62/569,405 (32) 06.10.17 (33) US  
 (43) 11.04.2019  
 (72) COKE, Tania Albedian; HSU, Kevin  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Terry, R.; Olson, M.; Allan, N.  
 (11) AU-A-2018313951  
 (21) 2018313951 (22) 09.08.2018  
 (54) Ligature device and method of use  
 (51) Int. Cl.  
**A61B 17/10** ( 2006.01 )  
**A61B 17/12** ( 2006.01 )  
**A61B 17/122** ( 2006.01 )  
**A61B 17/125** ( 2006.01 )  
**A61B 17/22** ( 2006.01 )  
**A61D 1/06** ( 2006.01 )
- (87) WO2019/032928  
 (31) 62/544,662 (32) 11.08.17 (33) US  
 (43) 14.02.2019  
 (72) TERRY, Richard N.; OLSON, Merle E.; ALLAN, Nicholas D.  
 (74) Lord & Company
- 
- (71) Tesmec S.p.A.  
 (11) AU-A-2018335590  
 (21) 2018335590 (22) 20.09.2018  
 (54) Hydraulic apparatus for stretching conductors for power lines  
 (51) Int. Cl.  
**F16H 61/431** ( 2010.01 )  
**F16H 61/47** ( 2010.01 )  
**H02G 1/04** ( 2006.01 )
- (87) WO2019/058301  
 (31) 102017000107028 (32) 25.09.17 (33) IT  
 (43) 28.03.2019  
 (72) OSCAR, Alberto; PEDROCCHI, Roberto  
 (74) Spruson & Ferguson
- 
- (71) Thales Management & Services Deutschland GmbH  
 (11) AU-A-2018335857  
 (21) 2018335857 (22) 21.09.2018  
 (54) Method for mounting a rail monitoring element  
 (51) Int. Cl.  
**B61L 1/06** ( 2006.01 )  
**B61L 1/16** ( 2006.01 )
- (87) WO2019/057875  
 (31) 10 2017 216 811.0 (32) 22.09.17 (33) DE  
 (43) 28.03.2019  
 (72) SCHICKER, Kai; HOFFMANN, Lars  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) The Board of Trustees of the Leland Stanford Junior University; Appel, E.; Yu, A.  
 (11) AU-A-2018341327  
 (21) 2018341327 (22) 25.09.2018  
 (54) Biomimetic, moldable, self-assembled cellulose silica-based trimeric hydrogels and their use as viscosity modifying carriers in industrial applications  
 (51) Int. Cl.  
**C08L 1/28** ( 2006.01 )
- (87) WO2019/067406  
 (31) 15/716,500 (32) 26.09.17 (33) US  
 (43) 04.04.2019  
 (72) APPEL, Eric A.; YU, Anthony C.  
 (74) RnB IP Pty Ltd
- 
- (71) The Children's Mercy Hospital  
 (11) AU-A-2018317430  
 (21) 2018317430 (22) 17.08.2018  
 (54) Non-invasive colon motility monitoring system  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )
- (87) WO2019/036596  
 (31) 62/547,542 (32) 18.08.17 (33) US  
 (43) 21.02.2019  
 (72) ROSEN, John M.; VARGAS-LUNA, Francisco M.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) The Clorox Company  
 (11) AU-A-2018331271  
 (21) 2018331271 (22) 30.08.2018  
 (54) Cleaning wipes with particular lotion retention and efficacy characteristics  
 (51) Int. Cl.  
**A61K 8/02** ( 2006.01 )  
**A61L 15/46** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )
- (87) WO2019/055229  
 (31) 15/961,663 (32) 24.04.18 (33) US  
 62/560,027 18.09.17 US  
 (43) 21.03.2019  
 (72) DANI, Nikhil P.  
 (74) Shelston IP Pty Ltd.
- 
- (71) The Commonwealth of Australia  
 (11) AU-A-2018329866  
 (21) 2018329866 (22) 06.09.2018  
 (54) Sensor arrangement
- 
- (51) Int. Cl.  
**G01H 9/00** ( 2006.01 )  
**G01K 11/32** ( 2006.01 )  
**G01L 1/24** ( 2006.01 )  
**G02B 6/02** ( 2006.01 )  
**H04J 14/02** ( 2006.01 )
- (87) WO2019/046881  
 (31) 2017903605 (32) 06.09.17 (33) AU  
 (43) 14.03.2019  
 (72) FOSTER, Scott  
 (74) Madderns Pty Ltd
- 
- (71) The Quick Flick Pty Ltd  
 (11) AU-A-2018315047  
 (21) 2018315047 (22) 06.08.2018  
 (54) Cosmetic applicator  
 (51) Int. Cl.  
**A45D 34/04** ( 2006.01 )  
**A45D 40/26** ( 2006.01 )
- (87) WO2019/028498  
 (31) 2017905081 (32) 20.12.17 (33) AU  
 62/541,726 06.08.17 US  
 (43) 14.02.2019  
 (72) SMIT, Iris  
 (74) FB Rice Pty Ltd
- 
- (71) The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)  
 (11) AU-A-2018336161  
 (21) 2018336161 (22) 17.09.2018  
 (54) Genome-edited birds  
 (51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C12N 5/0735** ( 2010.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )
- (87) WO2019/058376  
 (31) 62/560,218 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) CINNAMON, Yuval; BEN-TAL COHEN, Enbal  
 (74) Baldwins Intellectual Property
- 
- (71) Thornton Tomasetti Defence Limited  
 (11) AU-A-2018333032  
 (21) 2018333032 (22) 14.09.2018  
 (54) Shock testing apparatus and method  
 (51) Int. Cl.  
**G01M 7/08** ( 2006.01 )  
**G01M 10/00** ( 2006.01 )
- (87) WO2019/053462  
 (31) 1714887.5 (32) 15.09.17 (33) GB  
 (43) 21.03.2019  
 (72) THOMPSON, Phillip R.; COLLIAR, Gavin; WHATLEY, Alexander; HUTCHISON, Stuart  
 (74) WRAYS PTY LTD
- 
- (71) Tokushima University  
 (11) AU-A-2018321021  
 (21) 2018321021 (22) 20.08.2018  
 (54) Target sequence specific alteration technology using nucleotide target recognition  
 (51) Int. Cl.

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

- C12N 15/09** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/63** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**(87)** WO2019/039417  
**(31)** 2017-236518 **(32)** 08.12.17 **(33)** JP  
 2017-158876 21.08.17 JP  
**(43)** 28.02.2019  
**(72)** OSAKABE, Keishi; OSAKABE, Yuriko  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Tree-Tube Ltd.  
**(11)** AU-A-2018323106  
**(21)** 2018323106 **(22)** 04.09.2018  
**(54)** System and method for tree growth management  
**(51)** Int. Cl.  
**A01G 9/00** ( 2018.01 )  
**A01G 13/00** ( 2006.01 )  
**E01C 9/00** ( 2006.01 )  
**(87)** WO2019/043720  
**(31)** 62/553,948 **(32)** 04.09.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** ANTEBI, Yehonatan; COHEN, Ron; ZUR, Shachar; EILON, Jacob  
**(74)** Collison & Co
- 
- (71)** Tristel plc  
**(11)** AU-A-2018399144  
**(21)** 2018399144 **(22)** 21.12.2018  
**(54)** Assembly for dispensing liquids  
**(51)** Int. Cl.  
**B65D 51/28** ( 2006.01 )  
**B01F 13/00** ( 2006.01 )  
**B65D 81/32** ( 2006.01 )  
**(87)** WO2019/135065  
**(31)** 1800024.0 **(32)** 02.01.18 **(33)** GB  
**(43)** 11.07.2019  
**(72)** TURNER, Jeremy; SWINNEY, Paul; DIXON, Elizabeth; BRAND, Thomas; DIXON, Elanor  
**(74)** A.P.T. Patent and Trade Mark Attorneys
- 
- (71)** Uber Technologies, Inc.  
**(11)** AU-A-2018333084  
**(21)** 2018333084 **(22)** 04.09.2018  
**(54)** Lost device detection using geospatial location data  
**(51)** Int. Cl.  
**G08B 21/02** ( 2006.01 )  
**(87)** WO2019/053556  
**(31)** 16/107,832 **(32)** 21.08.18 **(33)** US  
 15/706,576 15.09.17 US  
**(43)** 21.03.2019  
**(72)** CHOKSHI, Karna; O'HERLIHY, Michael; SINGLETON, Zach  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Universität Basel  
**(11)** AU-A-2018342922  
**(21)** 2018342922 **(22)** 27.09.2018  
**(54)** Method and computer program for predicting bilirubin levels in neonates  
**(51)** Int. Cl.  
**G01N 33/72** ( 2006.01 )  
**(87)** WO2019/063722
- 
- (31)** 17194160.2 **(32)** 29.09.17 **(33)** EP  
**(43)** 04.04.2019  
**(72)** KOCH, Gilbert; WELLMANN, Sven; PFISTER, Marc; KASSER, Severin; WILBAUX, Melanie  
**(74)** Houlihan<sup>2</sup> Pty Ltd
- 
- (71)** Universität Heidelberg  
**(11)** AU-A-2018355742  
**(21)** 2018355742 **(22)** 25.10.2018  
**(54)** Delta-like ligand 1 for diagnosing severe infections  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2019/081636  
**(31)** 17198330.7 **(32)** 25.10.17 **(33)** EP  
**(43)** 02.05.2019  
**(72)** HILDEBRAND, Dagmar; HEEG, Klaus; UHLE, Florian; WEIGAND, Markus  
**(74)** Griffith Hack
- 
- (71)** University Health Network  
**(11)** AU-A-2018328773  
**(21)** 2018328773 **(22)** 07.09.2018  
**(54)** Combination therapies for inhibition of Polo-like Kinase 4  
**(51)** Int. Cl.  
**C07D 413/10** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/046949  
**(31)** 62/555,718 **(32)** 08.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** MASON, Jacqueline M.; BRAY, Mark R.; MAK, Tak Wah; FLETCHER, Graham  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** University-Industry Cooperation Group of Kyung Hee University; Navipharm Co.,Ltd  
**(11)** AU-A-2018341753  
**(21)** 2018341753 **(22)** 28.09.2018  
**(54)** Novel lactic acid bacteria and use thereof  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A61K 35/747** ( 2015.01 )  
**C12R 1/225** ( 2006.01 )  
**(87)** WO2019/066599  
**(31)** 10-2017-0127422 **(32)** 29.09.17 **(33)** KR  
**(43)** 04.04.2019  
**(72)** KIM, Dong-Hyun; HAN, Myung Joo  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** VDMS Canada Inc.  
**(11)** AU-A-2018330849  
**(21)** 2018330849 **(22)** 07.09.2018  
**(54)** Dispensing and live inventory management system and methods thereof  
**(51)** Int. Cl.  
**B65G 1/16** ( 2006.01 )  
**A47F 7/00** ( 2006.01 )  
**A47F 7/28** ( 2006.01 )  
**F21K 9/00** ( 2016.01 )  
**F21S 4/20** ( 2016.01 )  
**G06Q 10/08** ( 2012.01 )  
**G08B 5/36** ( 2006.01 )
- 
- H05B 45/00** ( 2020.01 )  
**(87)** WO2019/048931  
**(31)** 62/555,805 **(32)** 08.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** DRAGO, Patrick; KEEVERS, Martin  
**(74)** Griffith Hack
- 
- (71)** Vetco Gray Scandinavia AS  
**(11)** AU-A-2018326299  
**(21)** 2018326299 **(22)** 23.08.2018  
**(54)** Subsea biofouling preventer device  
**(51)** Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**B08B 17/00** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )  
**(87)** WO2019/042863  
**(31)** 20171399 **(32)** 29.08.17 **(33)** NO  
**(43)** 07.03.2019  
**(72)** CORDOBA, Aymer Yeferson Maturana; CINELLI, Bernardo Alves; BETONI PARODI, Bruno; ALAM, Zamir; SOUZA, Sandro Guimaraes; COSTA, Ana Carolina Miranda; WANG, Hua; LOPEZ, Jimmy A.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Vivace Therapeutics, Inc.  
**(11)** AU-A-2018321291  
**(21)** 2018321291 **(22)** 20.08.2018  
**(54)** Benzosulfonyl compounds  
**(51)** Int. Cl.  
**C07C 311/16** ( 2006.01 )  
**A61K 31/135** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/635** ( 2006.01 )  
**(87)** WO2019/040380  
**(31)** 62/548,037 **(32)** 21.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** KONRADI, Andrei W.; LIN, Tracy Tzu-Ling Tang  
**(74)** FB Rice Pty Ltd
- 
- (71)** Wallis Engineers Pty Ltd  
**(11)** AU-A-2018315064  
**(21)** 2018315064 **(22)** 08.08.2018  
**(54)** A drill rod handler  
**(51)** Int. Cl.  
**E21B 19/15** ( 2006.01 )  
**E21B 19/20** ( 2006.01 )  
**(87)** WO2019/028518  
**(31)** 2017903162 **(32)** 09.08.17 **(33)** AU  
**(43)** 14.02.2019  
**(72)** KALISCH, Paul; MORAN, Brendan  
**(74)** Golja Haines & Friend
- 
- (71)** Water Pik, Inc.  
**(11)** AU-A-2018331426  
**(21)** 2018331426 **(22)** 13.09.2018  
**(54)** Electric toothbrush with fluid streaming capability  
**(51)** Int. Cl.  
**A46B 9/04** ( 2006.01 )  
**A61C 17/02** ( 2006.01 )  
**A61C 17/36** ( 2006.01 )  
**A61C 17/40** ( 2006.01 )  
**H02K 33/10** ( 2006.01 )  
**H02K 33/16** ( 2006.01 )  
**H02K 33/18** ( 2006.01 )

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

**H02P 25/032** ( 2016.01 )  
**(87)** WO2019/055694  
**(31)** 62/558,141 **(32)** 13.09.17 **(33)** US  
 62/558,123 13.09.17 US  
**(43)** 21.03.2019  
**(72)** WAGNER, Robert D.  
**(74)** IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

**(71)** Waymo LLC  
**(11)** AU-A-2018339455  
**(21)** 2018339455 **(22)** 25.09.2018  
**(54)** Detecting and responding to propulsion  
 and steering system errors for autonomous  
 vehicles  
**(51)** Int. Cl.  
**B60W 30/18** ( 2012.01 )  
**B60W 10/10** ( 2012.01 )  
**B60W 30/14** ( 2006.01 )  
**B60W 30/182** ( 2012.01 )  
**B60W 50/00** ( 2006.01 )  
**(87)** WO2019/067429  
**(31)** 15/718,459 **(32)** 28.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** STARK, Ethan; EGNOR, Daniel Trawick;  
 CASH, Ryan; MCPEEK-BECHTOLD, No-  
 lan  
**(74)** Spruson & Ferguson

**(71)** Weinmann, M.  
**(11)** AU-A-2018312986  
**(21)** 2018312986 **(22)** 06.08.2018  
**(54)** Laryngoscope  
**(51)** Int. Cl.  
**A61B 1/06** ( 2006.01 )  
**A61B 1/247** ( 2006.01 )  
**A61B 1/267** ( 2006.01 )  
**(87)** WO2019/032459  
**(31)** 62/542,125 **(32)** 07.08.17 **(33)** US  
**(43)** 14.02.2019  
**(72)** WEINMANN, Maxwell  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Wing Enterprises, Incorporated  
**(11)** AU-A-2019282832  
**(21)** 2019282832 **(22)** 07.06.2019  
**(54)** Combination ladders, ladder components  
 and related methods  
**(51)** Int. Cl.  
**E06C 1/18** ( 2006.01 )  
**(87)** WO2019/237077  
**(31)** 62/682,673 **(32)** 08.06.18 **(33)** US  
 62/834,076 15.04.19 US  
 62/732,997 18.09.18 US  
**(43)** 12.12.2019  
**(72)** MAXFIELD, Bradley Scott; MOSS, N. Ry-  
 an; RUSSELL, Brian B.; MINER, Steven  
 S.; COOK, Benjamin Lynn; MITTANCK,  
 Travis  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Wm. Wrigley Jr. Company  
**(11)** AU-A-2018331381  
**(21)** 2018331381 **(22)** 13.09.2018  
**(54)** Chewy confectionery product  
**(51)** Int. Cl.  
**A23G 1/40** ( 2006.01 )

**A23G 3/42** ( 2006.01 )  
**A23G 4/10** ( 2006.01 )  
**A23L 29/212** ( 2016.01 )  
**(87)** WO2019/055626  
**(31)** 62/558,929 **(32)** 15.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** HAVRANEK, Jiri; JINDRICH, Josef;  
 KASPAROVA, Katerina; BARON, Jiri  
**(74)** Spruson & Ferguson

**(71)** Xard Group Pty Ltd  
**(11)** AU-A-2018315626  
**(21)** 2018315626 **(22)** 09.08.2018  
**(54)** Apparatus, system, and method for operat-  
 ing a digital transaction card  
**(51)** Int. Cl.  
**G06Q 20/10** ( 2012.01 )  
**G06K 19/06** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
**G06Q 20/30** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/36** ( 2012.01 )  
**(87)** WO2019/028522  
**(31)** 2017903183 **(32)** 09.08.17 **(33)** AU  
**(43)** 14.02.2019  
**(72)** AMIEL, Mathieu; WILSON, Robert  
**(74)** AUSTRALASIA IP PTY LTD

**(71)** Xinjiang Goldwind Science & Technology  
 Co., Ltd.  
**(11)** AU-A-2019226142  
**(21)** 2019226142 **(22)** 04.01.2019  
**(54)** Generator and wind turbine  
**(51)** Int. Cl.  
**F03D 80/60** ( 2016.01 )  
**(31)** 201811039192.1 **(32)** 06.09.18 **(33)** CN  
**(43)** 26.03.2020  
**(72)** Li, Jinhui; Liu, Junwei; Xu, Wenhua  
**(74)** Madderns Pty Ltd

**(71)** Yamaha Hatsudoki Kabushiki Kaisha  
**(11)** AU-A-2018314050  
**(21)** 2018314050 **(22)** 10.08.2018  
**(54)** Wearable device-compatible electroocu-  
 lography data processing device, spec-  
 tacle-type wearable device provided with  
 same, and wearable device-compatible elec-  
 trooculography data processing method  
**(51)** Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**A61B 3/113** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**(87)** WO2019/031600  
**(31)** 2017-155948 **(32)** 10.08.17 **(33)** JP  
**(43)** 14.02.2019  
**(72)** MORISHIMA, Keisuke; YAMANAKA,  
 Kimihiro; CHIHARA, Takanori  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Yisheng Biopharma (Singapore) Pte Ltd  
**(11)** AU-A-2018313636  
**(21)** 2018313636 **(22)** 01.08.2018  
**(54)** A composition for treating and/or prevent-  
 ing hepatitis B virus infection and the use  
 thereof  
**(51)** Int. Cl.  
**A61K 39/29** ( 2006.01 )

**A61K 39/39** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**(87)** WO2019/032046  
**(31)** 10201706540X **(32)** 10.08.17 **(33)** SG  
**(43)** 14.02.2019  
**(72)** ZHANG, Yi  
**(74)** Baldwins Intellectual Property

**(71)** Youngblood IP Holdings, LLC  
**(11)** AU-A-2018332812  
**(21)** 2018332812 **(22)** 11.09.2018  
**(54)** Stress reduction and sleep promotion sys-  
 tem  
**(51)** Int. Cl.  
**A61M 21/02** ( 2006.01 )  
**A47C 21/02** ( 2006.01 )  
**A47C 21/04** ( 2006.01 )  
**A47C 31/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**F25D 17/02** ( 2006.01 )  
**F25D 29/00** ( 2006.01 )  
**(87)** WO2019/055414  
**(31)** 15/848,816 **(32)** 20.12.17 **(33)** US  
 15/705,829 15.09.17 US  
**(43)** 21.03.2019  
**(72)** YOUNGBLOOD, Todd; YOUNGBLOOD,  
 Tara  
**(74)** WRAYS PTY LTD

**(71)** Zidan Medical, Inc.  
**(11)** AU-A-2018327344  
**(21)** 2018327344 **(22)** 07.09.2018  
**(54)** Devices and methods for treating lung tu-  
 mors  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**(87)** WO2019/051251  
**(31)** 62/555,675 **(32)** 08.09.17 **(33)** US  
 62/631,225 15.02.18 US  
 201810310511.1 09.04.18 CN  
 62/650,246 29.03.18 US  
**(43)** 14.03.2019  
**(72)** PANESCU, Dorin; RAINA, Shashank;  
 GELFAND, Mark; LEUNG, Mark;  
 VELILLA, Simplicio  
**(74)** Shelston IP Pty Ltd.

**(71)** ZTE Corporation  
**(11)** AU-A-2018314611  
**(21)** 2018314611 **(22)** 18.07.2018  
**(54)** Method and device for configuring refer-  
 ence signal  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**(87)** WO2019/029328  
**(31)** 201710687806.6 **(32)** 11.08.17 **(33)** CN  
**(43)** 14.02.2019  
**(72)** GAO, Bo; LI, YuNgok; CHEN, Yijian; LU,  
 Zhaohua; YUAN, Yifei; WANG, Xinhui  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

Numerical Index

<b>2017321818</b>	Oji Holdings Corporation	<b>2018321907</b>	Manual Surgical Sciences, LLC
<b>2017325106</b>	Southwick, G.	<b>2018322389</b>	Sutherland, S.
<b>2017429200</b>	Huawei Technologies Co., Ltd.	<b>2018323106</b>	Tree-Tube Ltd.
<b>2017430821</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018323462</b>	Bristol-Myers Squibb Company
<b>2017431157</b>	Hiperbaric, S.A.	<b>2018324359</b>	Caterpillar Inc.
<b>2017431565</b>	Asics Corporation	<b>2018324360</b>	Caterpillar Inc.
<b>2017432184</b>	Colgate-Palmolive Company	<b>2018324366</b>	Caterpillar Inc.
<b>2017433745</b>	Raytheon Canada Limited	<b>2018325058</b>	Kawasaki Jukogyo Kabushiki Kaisha
<b>2017434343</b>	I Components Studio, S.L	<b>2018325189</b>	Casale SA
<b>2017434397</b>	Daikin Industries, Ltd.	<b>2018325293</b>	Nuovo Pignone Tecnologie Srl
<b>2017434931</b>	Limacorporate S.p.A.	<b>2018326205</b>	Casale SA
<b>2017436110</b>	Sumitomo SHI FW Energia Oy	<b>2018326299</b>	Vetco Gray Scandinavia AS
<b>2018309149</b>	Raison, LLC; Hagen, T.	<b>2018326633</b>	Sanford Burnham Prebys Medical Discovery Institute
<b>2018312662</b>	Luoyang Landglass Technology Co., Ltd.	<b>2018326719</b>	Logical Brands, Inc.
<b>2018312663</b>	Luoyang Landglass Technology Co., Ltd.	<b>2018326835</b>	Singapore Health Services Pte Ltd; National University of Singapore; Belkin, M.
<b>2018312704</b>	Sony Corporation	<b>2018326894</b>	PharmaBio Corporation
<b>2018312743</b>	LG Electronics Inc.	<b>2018327171</b>	Daiichi Sankyo Company, Limited
<b>2018312836</b>	Joint Stock Company "BIOCAD"	<b>2018327254</b>	American Superconductor Corporation
<b>2018312986</b>	Weinmann, M.	<b>2018327344</b>	Zidan Medical, Inc.
<b>2018313008</b>	DePuy Synthes Products, Inc.	<b>2018327357</b>	Sage Therapeutics, Inc.
<b>2018313162</b>	alpha-En Corporation	<b>2018327371</b>	SOLIDRIP LTD.
<b>2018313189</b>	ForeLight, Inc.	<b>2018327377</b>	Edete Precision Technologies for Agriculture Ltd.
<b>2018313274</b>	Ancestry.com Operations Inc.	<b>2018327402</b>	Schachtner Vermögensverwaltungs GmbH & Co. KG
<b>2018313596</b>	LG Electronics Inc.	<b>2018327481</b>	Drylock Technologies NV
<b>2018313599</b>	LG Electronics Inc.	<b>2018328052</b>	Pharmacosmos Holding A/s
<b>2018313636</b>	Yisheng Biopharma (Singapore) Pte Ltd	<b>2018328113</b>	Airway Therapeutics, LLC; Glycotope GmbH
<b>2018313737</b>	Tak Logic, LLC	<b>2018328187</b>	ImmunoGen, Inc.
<b>2018313852</b>	NTT Security Corporation	<b>2018328418</b>	Jiangnan Environmental Protection Group Inc.
<b>2018313951</b>	Terry, R.; Olson, M.; Allan, N.	<b>2018328746</b>	McELLIGOTT, M.
<b>2018313982</b>	Parasol Medical, LLC	<b>2018328773</b>	University Health Network
<b>2018314050</b>	Yamaha Hatsudoki Kabushiki Kaisha	<b>2018328874</b>	Luoyang Landglass Technology Co., Ltd
<b>2018314123</b>	Lopa, F.	<b>2018328974</b>	4C Air, Inc.
<b>2018314611</b>	ZTE Corporation	<b>2018329038</b>	ITF Technologies Inc.; O-Net Communications (ShenZhen) Limited
<b>2018314622</b>	Huawei Technologies Co., Ltd.	<b>2018329205</b>	SKINPROTECT CORPORATION SDN BHD
<b>2018314752</b>	Edwards, L.	<b>2018329368</b>	Futuri Media, LLC
<b>2018314773</b>	Sanofi	<b>2018329401</b>	Nuud B.V.
<b>2018314798</b>	Sony Corporation	<b>2018329413</b>	National Oilwell Varco Norway AS
<b>2018314837</b>	Merck Patent GmbH	<b>2018329571</b>	4C Air, Inc.
<b>2018315005</b>	Sony Corporation	<b>2018329730</b>	Technical Rubber Company, Inc.
<b>2018315044</b>	Peardon, M.	<b>2018329736</b>	American Superconductor Corporation
<b>2018315047</b>	The Quick Flick Pty Ltd	<b>2018329866</b>	The Commonwealth of Australia
<b>2018315056</b>	Queensland University of Technology	<b>2018329881</b>	Taiho Pharmaceutical Co., Ltd.
<b>2018315064</b>	Wallis Engineers Pty Ltd	<b>2018329967</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018315235</b>	Oldfield, A.	<b>2018330126</b>	Samsung Electronics Co., Ltd.
<b>2018315261</b>	Chengdu Qianniucuo Information Technology Co., LTD.	<b>2018330163</b>	Athenex HK Innovative Limited
<b>2018315423</b>	Philip Morris Products S.A.	<b>2018330191</b>	Eagle Analytical Services, Inc.
<b>2018315432</b>	BliNK Biomedical SAS; Talix Therapeutics NV	<b>2018330490</b>	Naval Group
<b>2018315501</b>	Kaur, K.	<b>2018330494</b>	Mina Therapeutics Limited
<b>2018315517</b>	MENARD, S.	<b>2018330495</b>	Mina Therapeutics Limited
<b>2018315623</b>	Lleaf Pty Ltd	<b>2018330662</b>	3M Innovative Properties Company
<b>2018315626</b>	Xard Group Pty Ltd	<b>2018330723</b>	iStorage Limited
<b>2018315777</b>	M.E.P. Macchine Elettroniche Piegatrici S.p.A.	<b>2018330743</b>	BenevolentAI Bio Limited
<b>2018316017</b>	LG Electronics Inc.	<b>2018330754</b>	Mocean Energy Ltd
<b>2018316020</b>	LG Electronics Inc.	<b>2018330849</b>	VDMS Canada Inc.
<b>2018316185</b>	BCN Biosciences L.L.C.	<b>2018330916</b>	Makro Labelling S.r.l.
<b>2018316665</b>	Petroleo Brasileiro S.A.	<b>2018330917</b>	Makro Labelling S.R.L.
<b>2018316803</b>	Ilias Biologics Inc.	<b>2018330926</b>	Depuy Synthes Products, Inc.
<b>2018317430</b>	The Children's Mercy Hospital	<b>2018330936</b>	Board of Regents of the University of Texas System
<b>2018317526</b>	OmBase Ventures Ltd.	<b>2018331271</b>	The Clorox Company
<b>2018317933</b>	Philipou, E.	<b>2018331278</b>	Massachusetts Institute of Technology
<b>2018318092</b>	F.N. Herstal, SA	<b>2018331280</b>	Emmyon, Inc.
<b>2018318129</b>	MEI Pharma, Inc.	<b>2018331381</b>	Wm. Wrigley Jr. Company
<b>2018319415</b>	Concrete Homes Limited	<b>2018331399</b>	Chart Energy & Chemicals, Inc.
<b>2018320696</b>	Fresenius Kabi Deutschland GmbH	<b>2018331412</b>	Dragonfly Therapeutics, Inc.
<b>2018320958</b>	Forge Nano, Inc.	<b>2018331426</b>	Water Pik, Inc.
<b>2018321021</b>	Tokushima University		
<b>2018321291</b>	Vivace Therapeutics, Inc.		
<b>2018321407</b>	Struct Nutrition, LLC		

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

2018331459	RealD Spark, LLC	2018340376	North & South Brother Pharmacy Investment Company Limited
2018331793	Sony Corporation	2018340720	Huawei Technologies Co., Ltd.
2018332216	Janssen Biopharma, Inc.	2018341239	RJ Lee Group, Inc.
2018332432	Classys Inc.	2018341327	The Board of Trustees of the Leland Stanford Junior University; Appel, E.; Yu, A.
2018332486	Kine Sciences Co., Ltd.	2018341569	MTD Products Inc
2018332520	Fisher & Paykel Healthcare Limited	2018341753	University-Industry Cooperation Group of Kyung Hee University; Navipharm Co.,Ltd
2018332812	Youngblood IP Holdings, LLC	2018342116	Exxonmobil Upstream Research Company
2018332823	ISL, LLC	2018342117	Exxonmobil Upstream Research Company
2018333012	Boston Electrometallurgical Corporation	2018342378	Prologium Technology Co., Ltd.; Prologium Holding Inc.
2018333030	Expro North Sea Limited	2018342387	Daikin Industries, Ltd.
2018333032	Thornton Tomasetti Defence Limited	2018342586	M-I L.L.C.
2018333051	Azevan Pharmaceuticals, Inc.	2018342609	Smith & Nephew, Inc.
2018333072	Chan Zuckerberg Biohub, Inc.; The Board of Trustees of the Leland Stanford Junior University	2018342809	Daikin Industries, Ltd.
2018333078	Apollo Medical Optics, Ltd.	2018342922	Universität Basel
2018333084	Uber Technologies, Inc.	2018343116	Evonetix Ltd
2018333148	Rahan Meristem (1998) Ltd	2018343214	Johnson & Johnson Consumer Inc.
2018333268	Breville Pty Limited	2018343290	Daikin Industries, Ltd.
2018333555	BP Exploration Operating Company Limited	2018343291	Daikin Industries, Ltd.
2018333668	Sony Corporation	2018344300	Croda International Plc
2018333776	Kine Sciences Co., Ltd.	2018345153	Komatsu Ltd.
2018333832	Buildom Pty Ltd	2018345296	Tellus You Care, Inc.
2018333842	Carrigan, R.	2018345511	Bayer Healthcare LLC
2018333945	Sutro Biopharma, Inc.	2018345523	Merck Sharp & Dohme Corp.
2018333947	Keller, S.; Chang, B.; Wang, J.	2018345739	Daltile Corporation
2018334038	ABB Schweiz AG	2018345904	NeoMed, Inc.
2018334101	Roquette Freres	2018346236	Hexagon Metrology, Inc.
2018334213	Cedars-Sinai Medical Center	2018346279	Ocado Innovation Limited
2018334214	Sage Therapeutics, Inc.	2018346282	Ocado Innovation Limited
2018334223	Ball Corporation	2018346905	Eli Lilly and Company
2018334229	Boston Scientific Neuromodulation Corporation	2018346909	Qualcomm Incorporated
2018334311	Ball Corporation	2018347375	Loxo Oncology, Inc.
2018334351	Sony Corporation	2018347535	Saint-Gobain Performance Plastics Corporation
2018334541	Boston Scientific Neuromodulation Corporation	2018347607	CytomX Therapeutics, Inc.
2018335182	Canon Kabushiki Kaisha	2018347864	C.R. Bard, Inc.
2018335391	Dispersol Technologies, LLC	2018348087	Qualcomm Incorporated
2018335411	Riboscience LLC	2018348143	Qualcomm Incorporated
2018335486	ChemoCentryx, Inc.	2018348712	Boehringer Ingelheim International GmbH
2018335590	Tesmec S.p.A.	2018348930	F. Hoffmann-La Roche AG; Genentech, Inc.
2018335780	ImmunoGen, Inc.	2018349031	Grünenthal GmbH
2018335798	Canon Kabushiki Kaisha	2018350280	Geobruugg AG
2018335857	Thales Management & Services Deutschland GmbH	2018350770	Smith & Nephew plc
2018335955	ImCheck Therapeutics SAS; INSERM (Institut National de la Santé et de la Recherche Médicale); Institut Jean Paoli & Irene Calmettes; Université d'Aix-Marseille; Centre National de la Recherche Scientifique - CNRS -	2018350973	Finch, M.; Kendall-Lane, S.
2018336161	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	2018351347	Kratos Integral Holdings, LLC
2018336564	Jiang, K.	2018351502	Purdue Pharma L.P.
2018336770	BASF SE	2018352232	Dow AgroSciences LLC
2018336789	Savage Equipment Incorporated	2018352479	Navi Medical Technologies Pty Ltd
2018336826	Alvotect hf	2018352722	Duke University
2018337069	AMSL Innovations Pty Ltd	2018355519	Merck Sharp & Dohme Corp.; Amgen Inc.
2018337150	Baoshan Iron & Steel Co., Ltd.; China Baowu Steel Group Corporation Limited	2018355742	Universität Heidelberg
2018337597	F. Hoffmann-La Roche AG	2018359248	Curis, Inc.
2018337626	Citrix Systems, Inc.	2018360270	F. Hoffmann-La Roche AG
2018337640	Hexion Inc.	2018361379	Memjet Technology Limited
2018337666	AMSL Innovations Pty Ltd	2018362082	Northrop Grumman Systems Corporation
2018337667	JCM Plastics Pty Ltd	2018364685	Novartis AG
2018337671	Paul Scherrer Institut	2018365217	Nestec S.A.
2018337824	Savage Equipment Incorporated	2018366086	Kverneland Group Operations Norway AS
2018338093	EnerG2 Technologies, Inc.	2018367379	Boston Scientific Scimed, Inc.
2018338124	Colgate-Palmolive Company	2018378376	Tasly Biopharmaceuticals Co., Ltd.
2018338195	Checkpoint Systems, Inc.	2018384096	Cardiol Therapeutics Inc.
2018338653	Merck Patent GmbH	2018388705	Symbol Technologies, LLC
2018339379	Daikin Industries, Ltd.	2018390056	Samsung Electronics Co., Ltd.
2018339455	Waymo LLC	2018390409	Flow-Rite Controls, Ltd.
2018340075	China University of Mining and Technology; Jiangsu Tianming Machinery Group	2018391957	Symbol Technologies, LLC
2018340223	Memjet Technology Limited	2018391965	Symbol Technologies, LLC
		2018394478	Daikin America, Inc.; Daikin Industries, Ltd.
		2018399144	Tristel plc
		2018399202	AUX air conditioning Limited by Share Ltd
		2018405686	Komatsu Ltd.
		2018410947	AUX air conditioning Limited by Share Ltd

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

**2018414055** AUX air conditioning Limited by Share Ltd  
**2018414056** AUX air conditioning Limited by Share Ltd  
**2018417113** Original Biological Technology Co., Ltd.  
**2019210723** Automated Rig Technologies Ltd.  
**2019219969** Mitsubishi Chemical Corporation  
**2019226142** Xinjiang Goldwind Science & Technology Co., Ltd.  
**2019249848** Kinetic Pressure Control, Ltd.  
**2019282832** Wing Enterprises, Incorporated  
**2019284095** Lumus Ltd.  
**2019316539** Graymont Western Canada Inc.

IPC Index

<b><u>A01B 35 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A47C 31 /-</u></b>	<b><u>A61B 90 /-</u></b>	2018364685	2018335391
2018366086	2018331381	2018317526	2018321907	2018365217	2018335780
<b><u>A01G 13 /-</u></b>	<b><u>A23G 3 /-</u></b>	2018332812	2018332432	2018384096	2018337671
2018323106	2018331381	<b><u>A47C 4 /-</u></b>	<b><u>A61C 17 /-</u></b>	<b><u>A61K 33 /-</u></b>	2018347375
<b><u>A01G 17 /-</u></b>	<b><u>A23G 4 /-</u></b>	2018317526	2018331426	2018328052	2018364685
2018327377	2018331381	<b><u>A47C 7 /-</u></b>	<b><u>A61D 1 /-</u></b>	2018330662	2018384096
<b><u>A01G 25 /-</u></b>	<b><u>A23J 1 /-</u></b>	2018317526	2018313951	2018333072	<b><u>A61K 48 /-</u></b>
2018327371	2018334101	<b><u>A47C 9 /-</u></b>	<b><u>A61F 13 /-</u></b>	2018338653	2018333072
<b><u>A01G 7 /-</u></b>	<b><u>A23J 3 /-</u></b>	2018317526	2018313982	<b><u>A61K 35 /-</u></b>	<b><u>A61K 8 /-</u></b>
2018327377	2018334101	<b><u>A47D 13 /-</u></b>	2018327481	2018326894	2018329401
<b><u>A01G 9 /-</u></b>	<b><u>A23L 29 /-</u></b>	2018327402	2018350770	2018334213	2018330662
2018323106	2018331381	<b><u>A47F 7 /-</u></b>	<b><u>A61F 2 /-</u></b>	2018341753	2018331271
<b><u>A01H 1 /-</u></b>	<b><u>A23L 3 /-</u></b>	2018330849	2017434931	2018355519	2018364685
2018333148	2017431157	<b><u>A47K 5 /-</u></b>	2018330926	2018365217	<b><u>A61K 9 /-</u></b>
<b><u>A01H 6 /-</u></b>	<b><u>A23L 33 /-</u></b>	2017432184	2018347864	<b><u>A61K 36 /-</u></b>	2018314837
2018333148	2018321407	2018322389	<b><u>A61F 7 /-</u></b>	2018365217	2018327357
<b><u>A01K 15 /-</u></b>	2018332486	<b><u>A47L 11 /-</u></b>	2018332432	<b><u>A61K 38 /-</u></b>	2018343214
2018326719	2018333776	2018312743	2018344300	2017325106	2018347375
<b><u>A01K 67 /-</u></b>	2018341753	2018313596	<b><u>A61J 1 /-</u></b>	2018316803	2018349031
2018336161	2018365217	2018313599	2018320696	2018326835	2018351502
<b><u>A01M 1 /-</u></b>	<b><u>A23N 5 /-</u></b>	2018316017	2018345904	2018328113	2018364685
2018333842	2018336789	2018316020	<b><u>A61J 15 /-</u></b>	2018331278	2018384096
<b><u>A01M 13 /-</u></b>	2018337824	<b><u>A61B 1 /-</u></b>	2018345904	2018332486	<b><u>A61L 15 /-</u></b>
2018333842	<b><u>A24F 47 /-</u></b>	2018312986	<b><u>A61J 3 /-</u></b>	2018333072	2018331271
<b><u>A01M 17 /-</u></b>	2018315423	<b><u>A61B 17 /-</u></b>	2018320696	2018333776	2018350770
2018333842	<b><u>A41D 13 /-</u></b>	2018313951	<b><u>A61K 31 /-</u></b>	2018334213	<b><u>A61L 26 /-</u></b>
<b><u>A01M 19 /-</u></b>	2018313737	2018321907	2018312836	2018335955	2018344300
2018333842	<b><u>A41D 19 /-</u></b>	2018342609	2018314837	2018378376	<b><u>A61L 27 /-</u></b>
<b><u>A01N 25 /-</u></b>	2018329205	2018367379	2018316185	2018384096	2018326894
2018309149	<b><u>A45D 34 /-</u></b>	<b><u>A61B 18 /-</u></b>	2018318129	<b><u>A61K 39 /-</u></b>	<b><u>A61M 1 /-</u></b>
2018327377	2018315047	2018327344	2018321291	2018313636	2018333947
2018336770	<b><u>A45D 40 /-</u></b>	2018332432	2018321407	2018315432	2018350770
2018352232	2018315047	<b><u>A61B 3 /-</u></b>	2018327357	2018318129	<b><u>A61M 16 /-</u></b>
<b><u>A01N 43 /-</u></b>	2018315501	2018314050	2018328773	2018323462	2018332520
2018352232	<b><u>A46B 9 /-</u></b>	<b><u>A61B 34 /-</u></b>	2018329881	2018326633	2018333947
<b><u>A01N 63 /-</u></b>	2018331426	2018342609	2018330743	2018327171	<b><u>A61M 21 /-</u></b>
2018309149	<b><u>A47C 21 /-</u></b>	2017325106	2018331280	2018328773	2018332520
<b><u>A23C 9 /-</u></b>	2018332812	2018313008	2018333072	2018329881	2018333947
2018417113	<b><u>A47C 3 /-</u></b>	2018313982	2018334214	2018331412	<b><u>A61M 25 /-</u></b>
		2018317430	2018335391	2018333072	2018321907
		2018332812	2018335411	2018334213	2018333947
		2018333078	2018335486	2018336826	<b><u>A61M 29 /-</u></b>
		2018345296	2018335780	2018345511	2018321907
		2018352479	2018335780	2018355519	<b><u>A61M 39 /-</u></b>
			2018340376	2018355519	2018321907
			2018343214	2018355519	<b><u>A61M 5 /-</u></b>
			2018345523	2018329881	2018346905
			2018347375	2018330743	
			2018348930	2018334213	
			2018349031	2018335780	
			2018359248	2018313636	
			2018360270	2018315432	
				2018318129	
				2018323462	
				2018326633	
				2018327171	
				2018328773	
				2018329881	
				2018331412	
				2018333072	
				2018334213	
				2018336826	
				2018345511	
				2018355519	
				<b><u>A61K 45 /-</u></b>	
				2018329881	
				2018330743	
				2018334213	
				2018335780	
				<b><u>A61K 47 /-</u></b>	
				2018314837	
				2018316803	
				2018327171	
				2018328052	
				2018332216	
				2018333945	



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

<b><u>A61N 1 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B05C 19 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B65C 9 /-</u></b>	<b><u>B65G 43 /-</u></b>
2018332823	2018384096	2018350770	2018329571	2018330916	2018328746
2018334229	<b><u>A61Q 11 /-</u></b>		<b><u>B32B 38 /-</u></b>	2018330917	
2018334541	2018330662	<b><u>B05D 1 /-</u></b>	2017431565	<b><u>B65D 1 /-</u></b>	<b><u>B65G 47 /-</u></b>
<b><u>A61P 1 /-</u></b>	<b><u>A61Q 15 /-</u></b>	2018337640	<b><u>B32B 5 /-</u></b>	2018338124	2018330916
2018314773	2018329401	2018350770	<b><u>B32B 7 /-</u></b>	<b><u>B65D 19 /-</u></b>	<b><u>B65G 54 /-</u></b>
<b><u>A61P 11 /-</u></b>	<b><u>A61Q 19 /-</u></b>	2018337640	2017431565	2018337667	2018330916
2018328113	2018331271	<b><u>B07B 1 /-</u></b>	<b><u>B32B 9 /-</u></b>	2018341569	2018330917
<b><u>A61P 17 /-</u></b>	<b><u>A63B 69 /-</u></b>	2018337824	2018329571	<b><u>B65D 21 /-</u></b>	2018346279
2017325106	2018317526	<b><u>B07B 15 /-</u></b>	<b><u>B41J 2 /-</u></b>	2018337667	<b><u>B65G 65 /-</u></b>
<b><u>A61P 19 /-</u></b>	<b><u>B01D 1 /-</u></b>	2018336789	2018340223	<b><u>B65D 33 /-</u></b>	<b><u>B65G 67 /-</u></b>
2018338653	2018341239	<b><u>B08B 17 /-</u></b>	2018361379	<b><u>B65D 33 /-</u></b>	<b><u>B65G 67 /-</u></b>
2018364685	<b><u>B01D 15 /-</u></b>	2018326299	<b><u>B41J 25 /-</u></b>	2018338124	2018388705
2018365217	2018341239	<b><u>B21D 22 /-</u></b>	2018361379	<b><u>B65D 41 /-</u></b>	<b><u>B66C 13 /-</u></b>
2018378376	<b><u>B01D 3 /-</u></b>	2018334311	<b><u>B41J 29 /-</u></b>	2018334223	2018329413
<b><u>A61P 21 /-</u></b>	2018314123	<b><u>B21D 24 /-</u></b>	2018340223	<b><u>B65D 51 /-</u></b>	<b><u>B67D 3 /-</u></b>
2018340376	<b><u>B01D 5 /-</u></b>	2018334311	<b><u>B60W 10 /-</u></b>	2018399144	2017432184
<b><u>A61P 25 /-</u></b>	2018336564	<b><u>B21D 43 /-</u></b>	2018339455	<b><u>B65D 59 /-</u></b>	<b><u>B67D 7 /-</u></b>
2018321407	<b><u>B01D 53 /-</u></b>	2018315777	2018339455	2018399202	2017432184
2018327357	2018325189	<b><u>B21D 51 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65D 6 /-</u></b>	<b><u>B81B 1 /-</u></b>
2018330743	2018326205	2018334223	2018339455	2018322389	2018352722
2018334214	2018328418	<b><u>B21F 23 /-</u></b>	<b><u>B60W 50 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>B81B 7 /-</u></b>
2018340376	2018333947	2018315777	2018339455	2018338124	2018352722
2018348930	<b><u>B01D 61 /-</u></b>	2018315777	<b><u>B61L 1 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C01B 32 /-</u></b>
2018360270	2018333555	2018320958	2018335857	2018338124	2018333947
<b><u>A61P 27 /-</u></b>	2018333947	<b><u>B22F 1 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65D 8 /-</u></b>	2018338093
2018326835	<b><u>B01F 13 /-</u></b>	2018320958	2018315517	2018322389	<b><u>C02F 1 /-</u></b>
<b><u>A61P 31 /-</u></b>	2018320696	<b><u>B28B 1 /-</u></b>	<b><u>B63C 11 /-</u></b>	2018322389	2018326299
2018332216	2018399144	2018345739	2018325058	<b><u>B65D 81 /-</u></b>	2018329967
<b><u>A61P 35 /-</u></b>	<b><u>B01J 2 /-</u></b>	<b><u>B29B 17 /-</u></b>	<b><u>B63G 8 /-</u></b>	2018399144	2018333555
2018312836	2018320958	2018315517	2018325058	<b><u>B65D 85 /-</u></b>	2019316539
2018318129	<b><u>B01J 8 /-</u></b>	2018329730	<b><u>B63H 21 /-</u></b>	<b><u>C02F 5 /-</u></b>	
2018326633	2018320958	<b><u>B29C 41 /-</u></b>	2018341569	2018329967	
2018327171	<b><u>B01L 3 /-</u></b>	2018329205	<b><u>B65G 1 /-</u></b>	<b><u>C03B 27 /-</u></b>	
2018328773	2018352722	<b><u>B29C 65 /-</u></b>	2018328746	<b><u>C02F 1 /-</u></b>	
2018329881	<b><u>B02C 17 /-</u></b>	2017431565	2018330849	<b><u>C03B 27 /-</u></b>	
2018331412	2018334038	<b><u>B32B 15 /-</u></b>	2018346279	<b><u>C04B 41 /-</u></b>	
2018333072	<b><u>B02C 25 /-</u></b>	2018329571	<b><u>B65G 15 /-</u></b>	<b><u>C04B 41 /-</u></b>	
2018335486	2018334038	2019219969	2018328746	<b><u>C07C 237 /-</u></b>	
2018335780	<b><u>B03B 9 /-</u></b>	<b><u>B32B 27 /-</u></b>	2018337666	<b><u>C07C 279 /-</u></b>	
2018337671	2018336789	2018329571	<b><u>B64C 27 /-</u></b>		
2018355519		2018329571	2018337069	<b><u>B65G 17 /-</u></b>	
2018359248		2018329571	2018337666	2018328746	
<b><u>A61P 37 /-</u></b>		<b><u>B32B 15 /-</u></b>	<b><u>B64C 29 /-</u></b>	2018330849	
2018313636		2018329571	2018337069	2018346279	
2018315432		2019219969	2018337666	<b><u>B65G 15 /-</u></b>	
2018329881		<b><u>B32B 27 /-</u></b>	<b><u>B64C 9 /-</u></b>	2018328746	
<b><u>A61P 43 /-</u></b>		2018329571	2018337069	<b><u>B65G 17 /-</u></b>	
2018329881		2018329571	2018337666	2018328746	
		2018329571	2018337069	<b><u>B65G 35 /-</u></b>	
		2018336789	2018337666	2018346279	
					2018331280

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

<b><u>C07C 311 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C25C 7 /-</u></b>	<b><u>E21B 21 /-</u></b>	2018327371
2018316185	2018335411	2018313189	2018313162		<b><u>F16K 37 /-</u></b>
2018321291		2018326894	2018333012	2018333555	2017434343
<b><u>C07C 39 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>D01D 5 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F16L 41 /-</u></b>
2018384096	2018332216	2018313189	2018328974	2018316665	2018333832
		2018326894	2018330936		2018347535
<b><u>C07D 213 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>D01F 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F16L 55 /-</u></b>
2018330163	2018316803	2018313189	2018330936	2018316665	2018347535
	2018321021	2018341753		2018333030	
<b><u>C07D 229 /-</u></b>	2018328113	<b><u>C12N 15 /-</u></b>	<b><u>D01F 6 /-</u></b>	2018342586	<b><u>F17D 1 /-</u></b>
2018333051	2018334213		2018330936	2019249848	2018391965
	2018335955	2018321021		<b><u>E21B 41 /-</u></b>	
<b><u>C07D 231 /-</u></b>	2018378376	2018328113	<b><u>D04H 11 /-</u></b>	2018326299	<b><u>F21K 9 /-</u></b>
2018360270	<b><u>C07K 16 /-</u></b>	2018330494	2018350770	2018333030	2018330849
	2018315432	2018330495		<b><u>E21B 43 /-</u></b>	<b><u>F21S 4 /-</u></b>
<b><u>C07D 235 /-</u></b>	2018326835	2018332216	<b><u>E01C 9 /-</u></b>	2018333555	2018330849
2018318129	2018331412	2018336161	2018323106		<b><u>F22B 37 /-</u></b>
	2018333945	2018343116	<b><u>E02B 15 /-</u></b>	2018315044	2017436110
<b><u>C07D 249 /-</u></b>	2018334213	<b><u>C12N 5 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>F01K 25 /-</u></b>	<b><u>F24F 13 /-</u></b>
2018360270	2018336826	2018326633	2018315517	2018325293	2018342809
	2018347607	2018336161	<b><u>E02F 9 /-</u></b>	2018330754	2018399202
<b><u>C07D 401 /-</u></b>	<b><u>C07K 5 /-</u></b>	2018348712	2018324359	<b><u>F03D 80 /-</u></b>	2018339379
2018312836	2018327171	<b><u>C12N 9 /-</u></b>	2018324360	2019226142	2018342387
2018359248	<b><u>C07K 7 /-</u></b>	2018331278	2018324366	<b><u>F04B 43 /-</u></b>	2018343290
<b><u>C07D 403 /-</u></b>	2018326835	<b><u>C12P 21 /-</u></b>	2018345153	2017431157	2018399202
2018312836	2018378376	2018348712	2018405686	<b><u>F15B 15 /-</u></b>	2018410947
2018340376	2018384096	<b><u>C12P 7 /-</u></b>	<b><u>E03B 3 /-</u></b>	2018329413	2018414055
<b><u>C07D 405 /-</u></b>	<b><u>C08B 37 /-</u></b>	2018321407	2018336564	<b><u>F16B 17 /-</u></b>	<b><u>F24H 1 /-</u></b>
2018359248	2017321818	<b><u>C12Q 1 /-</u></b>	<b><u>E03C 1 /-</u></b>	2018414055	2018333268
	<b><u>C08J 3 /-</u></b>	2017325106	2017434343	<b><u>F16H 61 /-</u></b>	<b><u>F25B 11 /-</u></b>
<b><u>C07D 413 /-</u></b>	2018329205	2018326633	2018333832	2018335590	2018325293
2018328773	<b><u>C08K 3 /-</u></b>	2018330191	<b><u>E04B 1 /-</u></b>	<b><u>F16J 12 /-</u></b>	<b><u>F25B 13 /-</u></b>
2018359248	2018344300	2018343116	2018319415	2017431157	2017434397
<b><u>C07D 471 /-</u></b>	<b><u>C08L 1 /-</u></b>	2018365217	2019219969	<b><u>F16J 13 /-</u></b>	2018342809
2018312836	2018341327	<b><u>C12R 1 /-</u></b>	<b><u>E05B 45 /-</u></b>	2017431157	<b><u>F25B 29 /-</u></b>
2018315623	<b><u>C09B 5 /-</u></b>	2018341753	2018338195	<b><u>F16K 11 /-</u></b>	2017434397
2018337597	2018315623	<b><u>C22C 23 /-</u></b>	<b><u>E05B 47 /-</u></b>	2017434343	<b><u>F25B 39 /-</u></b>
2018359248	<b><u>C09K 17 /-</u></b>	2018337150	2018338195	<b><u>F16K 27 /-</u></b>	2018331399
<b><u>C07D 475 /-</u></b>	2018336770	<b><u>C22F 1 /-</u></b>	<b><u>E05B 73 /-</u></b>	<b><u>F16K 31 /-</u></b>	2018342809
2018384096	<b><u>C09K 3 /-</u></b>	2018337150	2018338195		
	2018329205	<b><u>C23C 16 /-</u></b>	<b><u>E06C 1 /-</u></b>	<b><u>E21B 19 /-</u></b>	
<b><u>C07D 487 /-</u></b>	2018329205	2018320958	2019282832	2018315064	
2018348930	<b><u>C09K 5 /-</u></b>	<b><u>C25C 1 /-</u></b>	<b><u>E21B 19 /-</u></b>	2019210723	
2018359248	2018344300	2018313162			
<b><u>C07D 498 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C25C 3 /-</u></b>			
2018359248	2018342586	2018333012			
<b><u>C07D 513 /-</u></b>					
2018359248					
<b><u>C07D 519 /-</u></b>					
2018337597					

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

<b><u>F25B 43 /-</u></b>	<b><u>G01J 1 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06T 3 /-</u></b>	<b><u>H01S 3 /-</u></b>	<b><u>H04W 72 /-</u></b>
2018331399	2018314752	2017433745 2019284095	2018346909	2018329038	2018312704 2018314798 2018330126 2018340720 2018390056
<b><u>F25B 49 /-</u></b>	<b><u>G01K 1 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H02G 1 /-</u></b>	
2017434397	2017434343	2018329866 2019284095	2018391957 2018391965	2018335590	
<b><u>F25B 9 /-</u></b>	<b><u>G01K 11 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G08B 13 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04W 76 /-</u></b>
2018325293	2018329866	2018329038 2018331459 2019284095	2018338195	2018333268 2018340075	2018314622
<b><u>F25D 17 /-</u></b>	<b><u>G01L 1 /-</u></b>	<b><u>G03G 15 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>H02K 11 /-</u></b>	<b><u>H05B 1 /-</u></b>
2018332812	2018329866	2018335182 2018335798	2018333084	2018327254 2018329736	2018333268
<b><u>F25D 29 /-</u></b>	<b><u>G01M 10 /-</u></b>	<b><u>G03G 21 /-</u></b>	<b><u>G08B 23 /-</u></b>	<b><u>H02K 33 /-</u></b>	<b><u>H05B 45 /-</u></b>
2018332812	2018333032	2018335798	2018313982	2018331426	2018330849
<b><u>F25J 1 /-</u></b>	<b><u>G01M 7 /-</u></b>	<b><u>G03G 21 /-</u></b>	<b><u>G08B 5 /-</u></b>	<b><u>H02K 55 /-</u></b>	<b><u>H05B 6 /-</u></b>
2018342116 2018342117	2018333032	2018335798	2018330849	2018327254 2018329736	2018315423
<b><u>F28D 20 /-</u></b>	<b><u>G01N 17 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H02K 7 /-</u></b>	<b><u>H05K 5 /-</u></b>
2018344300	2018350280	2018346282	2018315235	2018340075	2018414056
<b><u>F41G 1 /-</u></b>	<b><u>G01N 19 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G08G 5 /-</u></b>		
2017433745 2018318092	2018327371	2018312663	2018315005	<b><u>H02P 25 /-</u></b>	
<b><u>F41G 11 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G10L 15 /-</u></b>	2018331426	
2018318092	2018330191	2017430821	2018333668	<b><u>H04B 7 /-</u></b>	
<b><u>G01B 11 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 12 /-</u></b>	<b><u>G10L 19 /-</u></b>	2018314798 2018351347	
2018346236	2017325106 2018315056 2018323462 2018328187	2018331793	2018333668	<b><u>H04H 20 /-</u></b>	
<b><u>G01B 21 /-</u></b>	2018330191 2018342922 2018355742	<b><u>G06F 16 /-</u></b>	<b><u>H01B 7 /-</u></b>	2018329368 2018333668	
2018346236		2018313274	2018394478		
<b><u>G01B 7 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>H01G 11 /-</u></b>	<b><u>H04H 60 /-</u></b>	
2018346236	2018313008	2018313852 2018330723	2018338093	2018329368	
<b><u>G01B 9 /-</u></b>	<b><u>G01R 27 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>H01H 3 /-</u></b>	<b><u>H04J 14 /-</u></b>	
2018333078	2018313008	2017429200 2018314050 2018333668	2017434343	2018329866	
<b><u>G01D 5 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>H01L 23 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2018313008	2018330490	2018315626	2018362082	2018350973	
<b><u>G01F 1 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2018390409	2017433745	2018315261 2018317933 2018330849	2018315623	2018330723 2018337626	
<b><u>G01F 17 /-</u></b>	<b><u>G02B 13 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04L 5 /-</u></b>	
2018388705	2017433745	2018315261 2018317933 2018330849	2018342378 2018390409	2018312704 2018314611 2018314798 2018330126 2018348087 2018390056	
<b><u>G01F 23 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01M 2 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2018390409	2017433745	2018315626	2018342378 2018390409	2018334351 2018348143	
<b><u>G01H 9 /-</u></b>	<b><u>G02B 25 /-</u></b>		<b><u>H01M 4 /-</u></b>		
2018329866	2017433745	2018326894 2018388705	2018338093		

Applications Accepted

Name Index

---

(71) 3d-Radar AS  
 (11) AU-B-2015211492  
 (21) 2015211492 (22) 09.01.2015  
 (54) Antenna system for ground penetrating radar  
 (51) Int. Cl.  
     G01V 3/12 ( 2006.01 )  
     H01Q 1/38 ( 2006.01 )  
     H01Q 9/40 ( 2006.01 )  
 (87) WO2015/115906  
 (31) 20140109 (32) 30.01.14 (33) NO  
 (43) 06.08.2015  
 (44) 26.03.2020  
 (72) Eide, Egil  
 (74) Spruson & Ferguson

---

(71) 4D Pharma Research Limited  
 (11) AU-B-2018285445  
 (21) 2018285445 (22) 14.06.2018  
 (54) Compositions comprising bacterial strains  
 (51) Int. Cl.  
     A61K 35/74 ( 2015.01 )  
     A23L 33/135 ( 2016.01 )  
     A61P 25/28 ( 2006.01 )  
 (87) WO2018/229189  
 (31) 1806779.3 (32) 25.04.18 (33) GB  
     1805989.9 11.04.18 GB  
     1805990.7 11.04.18 GB  
     1806780.1 25.04.18 GB  
     1805991.5 11.04.18 GB  
     1709526.6 15.06.17 GB  
     1709465.7 14.06.17 GB  
 (43) 20.12.2018  
 (44) 26.03.2020  
 (72) MULDER, Imke Elisabeth; ETTORRE, Anna; AHMED, Suaad; FOTIADOU, Parthena; URZIA, Joseph Roby Iringan; SAVIGNAC, Helene  
 (74) FB Rice Pty Ltd

---

(71) Ab Initio Technology LLC  
 (11) AU-B-2015247375  
 (21) 2015247375 (22) 17.04.2015  
 (54) Integrated monitoring and control of processing environment  
 (51) Int. Cl.  
     G06F 11/30 ( 2006.01 )  
     G06F 11/32 ( 2006.01 )  
     G06F 11/34 ( 2006.01 )  
 (87) WO2015/161236  
 (31) 61/980,694 (32) 17.04.14 (33) US  
 (43) 22.10.2015  
 (44) 26.03.2020  
 (72) Lachiusa, Dino; Vigneau, Joyce L.; Buxbaum, Mark; Miller, Brad Lee; Wakeling, Tim  
 (74) RnB IP Pty Ltd

---

(71) Ab Initio Technology LLC.  
 (11) AU-B-2015292700  
 (21) 2015292700 (22) 22.07.2015  
 (54) Data lineage summarization

(51) Int. Cl.  
     G06F 7/00 ( 2006.01 )  
     G06F 16/00 ( 2019.01 )  
 (87) WO2016/014615  
 (31) 62/114,684 (32) 11.02.15 (33) US  
     62/028,485 24.07.14 US  
 (43) 28.01.2016  
 (44) 26.03.2020  
 (72) Radivojevic, Dusan; Yeracaris, Anthony M.; Gould, Joel; Schon, Andrew  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Acceleron Pharma Inc.  
 (11) AU-B-2018201132  
 (21) 2018201132 (22) 16.02.2018  
 (54) BMP-ALK3 antagonists and uses for promoting bone growth  
 (51) Int. Cl.  
     C07K 14/51 ( 2006.01 )  
     A61K 38/18 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
     A61P 19/08 ( 2006.01 )  
     A61P 19/10 ( 2006.01 )  
     C07H 21/04 ( 2006.01 )  
     C07K 16/22 ( 2006.01 )  
     C12N 15/62 ( 2006.01 )  
     G01N 33/50 ( 2006.01 )  
 (43) 08.03.2018  
 (44) 26.03.2020  
 (62) 2016204979  
 (72) Seehra, Jasbir  
 (74) Shelston IP Pty Ltd.

---

(71) Accenture Global Solutions Limited  
 (11) AU-B-2019201980  
 (21) 2019201980 (22) 21.03.2019  
 (54) A COLLABORATIVE VIRTUAL ENVIRONMENT  
 (51) Int. Cl.  
     G06F 3/048 ( 2013.01 )  
     G06Q 10/06 ( 2012.01 )  
     G06Q 10/10 ( 2012.01 )  
     G10L 15/08 ( 2006.01 )  
 (31) 15/959,892 (32) 23.04.18 (33) US  
 (43) 07.11.2019  
 (44) 26.03.2020  
 (72) GHATAGE, Prakash; VISWANATHAN, Kumar; KUMAR, R.B. Santhosh; VARGHESE, Vinu; IYER, Raghavan; D'SILVA, Ashwin  
 (74) Murray Trento & Associates Pty Ltd

---

(71) Adeka Corporation  
 (11) AU-B-2019284093  
 (21) 2019284093 (22) 28.01.2019  
 (54) Particulate nucleating agent, resin composition, molded product, and production method thereof  
 (51) Int. Cl.  
     C08F 10/06 ( 2006.01 )  
 (31) 2018-127626 (32) 04.07.18 (33) JP  
 (43) 23.01.2020

---

(44) 26.03.2020  
 (72) Fukuda, Takuya; Yokota, Yuri  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Aerie Pharmaceuticals, Inc  
 (11) AU-B-2018202965  
 (21) 2018202965 (22) 30.04.2018  
 (54) Combination therapy  
 (51) Int. Cl.  
     A61K 31/47 ( 2006.01 )  
     A61K 31/557 ( 2006.01 )  
     A61P 27/06 ( 2006.01 )  
 (43) 24.05.2018  
 (44) 26.03.2020  
 (62) 2014228790  
 (72) Kopczyński, Casey; Lin, Cheng-wen; Sturdivant, Jill Marie; Delong, Mitchell A.  
 (74) K&L Gates

---

(71) Akzo Nobel Chemicals International B.V.  
 (11) AU-B-2014368768  
 (21) 2014368768 (22) 17.12.2014  
 (54) Hair fixatives including starch ester based polyglucose polymers  
 (51) Int. Cl.  
     A61Q 5/06 ( 2006.01 )  
     A61K 8/73 ( 2006.01 )  
     A61K 8/85 ( 2006.01 )  
 (87) WO2015/091650  
 (31) 14155145.7 (32) 14.02.14 (33) EP  
     61/919,066 20.12.13 US  
 (43) 25.06.2015  
 (44) 26.03.2020  
 (72) Bevinakatti, Hanamanthas  
 (74) Spruson & Ferguson

---

(71) Allakos Inc.  
 (11) AU-B-2014363944  
 (21) 2014363944 (22) 09.12.2014  
 (54) Anti-Siglec-8 antibodies and methods of use thereof  
 (51) Int. Cl.  
     C07K 16/28 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
     A61P 37/00 ( 2006.01 )  
 (87) WO2015/089117  
 (31) 61/913,891 (32) 09.12.13 (33) US  
 (43) 18.06.2015  
 (44) 26.03.2020  
 (72) Bebbington, Christopher R.; Falahati, Rustom; Sousa Fernandes, Carolina Rita; Matthews, David John; Tomasevic, Nenad; Williams, Jason; Leung, John  
 (74) Griffith Hack

---

(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-B-2014244116  
 (21) 2014244116 (22) 13.03.2014  
 (54) Complement component C5 iRNA compositions and methods of use thereof  
 (51) Int. Cl.  
     C12N 15/113 ( 2010.01 )

Applications Accepted - Name Index cont'd

**A61K 31/7088** ( 2006.01 )  
**(87)** WO2014/160129  
**(31)** 61/837,399 **(32)** 20.06.13 **(33)** US  
 61/912,777 06.12.13 US  
 61/904,579 15.11.13 US  
 61/782,531 14.03.13 US  
 61/942,367 20.02.14 US  
**(43)** 02.10.2014  
**(44)** 26.03.2020  
**(72)** Fitzgerald, Kevin; Butler, James; Betten-  
 court, Brian; Borodovsky, Anna; Kuchi-  
 manchi, Satyanarayana; Charisse, Klaus;  
 Manoharan, Muthiah; Maier, Martin; Ra-  
 jeev, Kallanthottathil G.; Foster, Donald  
**(74)** Griffith Hack

**(71)** Alpinestars Research Srl  
**(11)** AU-B-2015341929  
**(21)** 2015341929 **(22)** 03.11.2015  
**(54)** Sensing device, closure device comprising  
 said sensing device and method for manu-  
 facturing said sensing device  
**(51)** Int. Cl.  
**A41F 1/00** ( 2006.01 )  
**A41D 1/00** ( 2006.01 )  
**(87)** WO2016/071309  
**(31)** TV2014A000156 **(32)** 04.11.14 **(33)** IT  
**(43)** 12.05.2016  
**(44)** 26.03.2020  
**(72)** Ballantyne, Colin; Mazarolo, Giovanni  
**(74)** Griffith Hack

**(71)** Alteryx, Inc.  
**(11)** AU-B-2018350897  
**(21)** 2018350897 **(22)** 15.10.2018  
**(54)** Memory allocation in a data analytics sys-  
 tem  
**(51)** Int. Cl.  
**G06F 12/02** ( 2006.01 )  
**G06F 9/50** ( 2006.01 )  
**G06F 12/06** ( 2006.01 )  
**(87)** WO2019/079187  
**(31)** 15/785,353 **(32)** 16.10.17 **(33)** US  
**(43)** 25.04.2019  
**(44)** 26.03.2020  
**(72)** HARDING, Edward P.; RILEY, Adam D.;  
 KINGSLEY, Christopher H.  
**(74)** Pizzeyes Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Altesse  
**(11)** AU-B-2017272959  
**(21)** 2017272959 **(22)** 29.05.2017  
**(54)** System for releasably attaching an orna-  
 ment on a surface of a flexible leather arti-  
 cle  
**(51)** Int. Cl.  
**A45C 3/06** ( 2006.01 )  
**A45C 13/08** ( 2006.01 )  
**A45C 13/10** ( 2006.01 )  
**(87)** WO2017/207879  
**(31)** 1600895 **(32)** 02.06.16 **(33)** FR  
**(43)** 07.12.2017  
**(44)** 26.03.2020  
**(72)** Courtial, Jean-Paul  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Amicus Therapeutics, Inc.  
**(11)** AU-B-2015247859  
**(21)** 2015247859 **(22)** 14.04.2015  
**(54)** Dosing regimens for treating and/or pre-  
 venting cerebral amyloidoses  
**(51)** Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2015/160796  
**(31)** 14/684,967 **(32)** 13.04.15 **(33)** US  
 61/979,408 14.04.14 US  
**(43)** 22.10.2015  
**(44)** 26.03.2020  
**(72)** Wustman, Brandon Alan  
**(74)** Dark IP

**(71)** andmetics GmbH  
**(11)** AU-B-2015255614  
**(21)** 2015255614 **(22)** 06.05.2015  
**(54)** Template for forming a contour on an eye-  
 brow  
**(51)** Int. Cl.  
**A45D 26/00** ( 2006.01 )  
**(87)** WO2015/168717  
**(31)** A 50321/2014 **(32)** 06.05.14 **(33)** AT  
**(43)** 12.11.2015  
**(44)** 26.03.2020  
**(72)** Lehner, Andrea  
**(74)** WADESON

**(71)** Animal Health International, Inc.  
**(11)** AU-B-2016201815  
**(21)** 2016201815 **(22)** 22.03.2016  
**(54)** Device and method for tracking and mark-  
 ing baled forage material with sensed mois-  
 ture content  
**(51)** Int. Cl.  
**A01F 15/08** ( 2006.01 )  
**(31)** 14/667,494 **(32)** 24.03.15 **(33)** US  
**(43)** 13.10.2016  
**(44)** 26.03.2020  
**(72)** Younk, Bill; Byers, Wes  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Apple Inc.  
**(11)** AU-B-2017325794  
**(21)** 2017325794 **(22)** 18.08.2017  
**(54)** Systems and methods for in-frame sensing  
 and adaptive sensing control  
**(51)** Int. Cl.  
**G09G 3/32** ( 2006.01 )  
**G09G 3/3225** ( 2016.01 )  
**(87)** WO2018/052650  
**(31)** 15/670,860 **(32)** 07.08.17 **(33)** US  
 62/394,595 14.09.16 US  
**(43)** 22.03.2018  
**(44)** 26.03.2020  
**(72)** Lin, Hung Sheng; Nho, Hyunwoo; Ryu, Jie  
 Won; Tan, Junhua; Chang, Sun-II  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2018206772  
**(21)** 2018206772 **(22)** 19.07.2018  
**(54)** Wellness data aggregator  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )

**G06F 3/048** ( 2006.01 )  
**G06Q 50/22** ( 2012.01 )  
**(43)** 09.08.2018  
**(44)** 26.03.2020  
**(62)** 2015267240  
**(72)** YANG, Lawrence Y.; FOSTER, James H.;  
 KEEN, Daniel S.; KENNEDY, Zachery;  
 LEMAY, Stephen O.; O'REILLY, Michael;  
 PARK, Dennis S.; SOLI, Christopher D.;  
 TRIBBLE, Guy L.; WHITEHURST, Todd  
 K.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2020201306  
**(21)** 2020201306 **(22)** 21.02.2020  
**(54)** Implementation of biometric authentication  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**(43)** 12.03.2020  
**(44)** 26.03.2020  
**(62)** 2018279788  
**(72)** VAN OS, Marcel; ABBASIAN, Reza;  
 ANTON, Peter D.; BEHZADI, Arian;  
 BERNSTEIN, Jeffrey Traer; DASCOLA,  
 Jonathan R.; DEVINE, Lynne; DRY-  
 ER, Allison; FOSS, Christopher Patrick;  
 GRIFFIN, Bradley W.; LEMMENS,  
 Cas; MALIA, Joseph A.; MARI, Pedro;  
 MOHSENI, Daamun; MOUILLESEAUX,  
 Jean-Pierre M.; MOUSSETTE, Camille;  
 PAUL, Grant; PRESTON, Daniel Trent;  
 PUGH, Chelsea E.; SHARMA, Praveen;  
 TYLER, William M.; VERWEIJ, Hugo;  
 YING, Charles H.; YERKES, Giancarlo;  
 DYE, Alan C.; IVE, Jonathan P.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Aquablok, Ltd.  
**(11)** AU-B-2015290119  
**(21)** 2015290119 **(22)** 24.06.2015  
**(54)** Method and composition for inhibiting  
 methanogenesis during in-situ sediment  
 treatment  
**(51)** Int. Cl.  
**B09B 3/00** ( 2006.01 )  
**(87)** WO2016/010697  
**(31)** 62/024,649 **(32)** 15.07.14 **(33)** US  
**(43)** 21.01.2016  
**(44)** 26.03.2020  
**(72)** Hull, John H.; Mueller, James G.  
**(74)** Spruson & Ferguson

**(71)** Aquarius Engines (A.M.) Ltd.  
**(11)** AU-B-2016294564  
**(21)** 2016294564 **(22)** 14.07.2016  
**(54)** Free piston engine  
**(51)** Int. Cl.  
**F02B 71/00** ( 2006.01 )  
**(87)** WO2017/009717  
**(31)** 62/192,575 **(32)** 15.07.15 **(33)** US  
**(43)** 19.01.2017  
**(44)** 26.03.2020  
**(72)** Yaakoby, Shaul  
**(74)** Pizzeyes Patent and Trade Mark Attor-  
 neys Pty Ltd

Applications Accepted - Name Index cont'd

(71) Areva Mines  
 (11) AU-B-2015293890  
 (21) 2015293890 (22) 22.07.2015  
 (54) Device and method for measuring the radioactivity of a material  
 (51) Int. Cl.  
**G01T 1/167** ( 2006.01 )  
 (87) WO2016/012499  
 (31) 1457074 (32) 22.07.14 (33) FR  
 (43) 28.01.2016  
 (44) 26.03.2020  
 (72) Toubon, Herve; Bourva, Ludovic  
 (74) Griffith Hack

(71) Asahi Group Holdings, Ltd.  
 (11) AU-B-2015376023  
 (21) 2015376023 (22) 25.09.2015  
 (54) Effective tilling promoter and effective tilling promoting method  
 (51) Int. Cl.  
**A01N 63/32** ( 2020.01 )  
**A01G 7/00** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 59/00** ( 2006.01 )  
**A01N 59/26** ( 2006.01 )  
**A01N 63/00** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
 (87) WO2016/110885  
 (31) 2015-002037 (32) 08.01.15 (33) JP  
 (43) 14.07.2016  
 (44) 26.03.2020  
 (72) Hamasaki, Takashi  
 (74) Griffith Hack

(71) Atrin Pharmaceuticals LLC  
 (11) AU-B-2015333738  
 (21) 2015333738 (22) 13.10.2015  
 (54) Ataxia telangiectasia and Rad3-related (ATR) protein kinase inhibitors  
 (51) Int. Cl.  
**C07D 241/04** ( 2006.01 )  
 (87) WO2016/061097  
 (31) 62/104,274 (32) 16.01.15 (33) US  
 62/063,176 13.10.14 US  
 (43) 21.04.2016  
 (44) 26.03.2020  
 (72) Breslin, Henry Joseph; Gilad, Oren  
 (74) Allens Patent & Trade Mark Attorneys

(71) B.G. Negev Technologies and Applications Ltd.; Children's Hospital Medical Center  
 (11) AU-B-2015264243  
 (21) 2015264243 (22) 20.05.2015  
 (54) Image guided autonomous needle insertion device for vascular access  
 (51) Int. Cl.  
**A61B 5/153** ( 2006.01 )  
 (87) WO2015/179505  
 (31) 62/001,035 (32) 20.05.14 (33) US  
 (43) 26.11.2015  
 (44) 26.03.2020  
 (72) Von Allmen, Daniel; Guterman, Hugo  
 (74) FPA Patent Attorneys Pty Ltd

(71) BASF Agrochemical Products B.V.  
 (11) AU-B-2018203758  
 (21) 2018203758 (22) 29.05.2018

(54) Insecticidal active mixtures comprising carboxamide compound  
 (51) Int. Cl.  
**A01N 37/22** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01N 47/34** ( 2006.01 )  
**A01N 51/00** ( 2006.01 )  
**A01N 53/00** ( 2006.01 )  
**A01N 65/00** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**A01P 7/00** ( 2006.01 )  
 (43) 21.06.2018  
 (44) 26.03.2020  
 (62) 2014336135  
 (72) Sikuljak, Tatjana; Gewehr, Markus  
 (74) Watermark Intellectual Property Pty Ltd

(71) BASF Agrochemical Products B.V.  
 (11) AU-B-2018203759  
 (21) 2018203759 (22) 29.05.2018  
 (54) Agricultural mixtures comprising carboxamide compound  
 (51) Int. Cl.  
**A01N 37/22** ( 2006.01 )  
**A01N 37/46** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 47/24** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
 (43) 21.06.2018  
 (44) 26.03.2020  
 (62) 2014336138  
 (72) Gewehr, Markus; Sikuljak, Tatjana  
 (74) Watermark Intellectual Property Pty Ltd

(71) BASF Corporation  
 (11) AU-B-2019202497  
 (21) 2019202497 (22) 10.04.2019  
 (54) Novel treated mineral pigments for aqueous based barrier coatings  
 (51) Int. Cl.  
**D21H 19/44** ( 2006.01 )  
**C09C 1/00** ( 2006.01 )  
**C09C 3/04** ( 2006.01 )  
**C09D 17/00** ( 2006.01 )  
**D21H 19/38** ( 2006.01 )  
 (43) 02.05.2019  
 (44) 26.03.2020  
 (62) 2016253622  
 (72) Mathur, Sharad; Berube, Richard; Folmar, Kenneth W.; Serafino, John D.; Khokhani, Ashok; Rigney, Jennifer; Godfrey, James Royce  
 (74) Watermark Intellectual Property Pty Ltd

(71) BASF SE  
 (11) AU-B-2015370455  
 (21) 2015370455 (22) 22.12.2015  
 (54) Compositions with improved urease-inhibiting effect comprising (thio) phosphoric acid triamide and further compounds such as amines and colorants  
 (51) Int. Cl.  
**C05G 3/90** ( 2020.01 )  
**C05C 9/00** ( 2006.01 )  
 (87) WO2016/103168  
 (31) 14200088.4 (32) 23.12.14 (33) EP  
 (43) 30.06.2016

(44) 26.03.2020  
 (72) Schmid, Markus; Zerulla, Wolfram; Pasda, Gregor; Wissemeyer, Alexander; Lang, Tobias; Schneider, Karl-Heinrich; Baan, Zoltan; Staal, Maarten; Altenhoff, Ansgar Gereon; Molawi, Kian; Ebert, Sophia; Fleischel, Olivier  
 (74) Watermark Intellectual Property Pty Ltd

(71) Baxalta Incorporated  
 (11) AU-B-2015301712  
 (21) 2015301712 (22) 12.08.2015  
 (54) Factor X activation  
 (51) Int. Cl.  
**C07K 1/18** ( 2006.01 )  
**C07K 14/745** ( 2006.01 )  
**C12N 9/64** ( 2006.01 )  
 (87) WO2016/025601  
 (31) 62/036,402 (32) 12.08.14 (33) US  
 (43) 18.02.2016  
 (44) 26.03.2020  
 (72) Hasslacher, Meinhard; Gattermig, Thomas; Fiedler, Christian; Bohm, Emst; Dockal, Michael; Horling, Franziska  
 (74) Spruson & Ferguson

(71) Bayer Aktiengesellschaft  
 (11) AU-B-2015250913  
 (21) 2015250913 (22) 20.04.2015  
 (54) Multi-stage stirred reactor having reduced back mixing  
 (51) Int. Cl.  
**B01F 7/16** ( 2006.01 )  
**B01F 15/02** ( 2006.01 )  
**B01F 15/06** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**B01J 19/18** ( 2006.01 )  
 (87) WO2015/162091  
 (31) 102014105615.9 (32) 22.04.14 (33) DE  
 (43) 29.10.2015  
 (44) 26.03.2020  
 (72) Falss, Sebastian; Mleczo, Leslaw; Boos, Karl-Robert; Buchholz, Sigurd  
 (74) Davies Collison Cave Pty Ltd

(71) Bayer CropScience Aktiengesellschaft  
 (11) AU-B-2016232316  
 (21) 2016232316 (22) 14.03.2016  
 (54) Salts of N-(1,3,4-Oxadiazol-2-yl) aryl carboxylic acid amides and the use of same as herbicides  
 (51) Int. Cl.  
**C07D 271/113** ( 2006.01 )  
**A01N 43/26** ( 2006.01 )  
 (87) WO2016/146561  
 (31) 15159483.5 (32) 17.03.15 (33) EP  
 (43) 22.09.2016  
 (44) 26.03.2020  
 (72) Köhn, Arnim; Braun, Ralf; Ahrens, Hartmut; Waldraff, Christian; Heinemann, Ines; Dietrich, Hansjörg; Gatzweiler, Elmar; Rosinger, Christopher Hugh  
 (74) Griffith Hack

(71) Bayer CropScience Aktiengesellschaft  
 (11) AU-B-2016289413  
 (21) 2016289413 (22) 04.07.2016

Applications Accepted - Name Index cont'd

- (54) Nitrogenous heterocycles as a pesticide  
 (51) Int. Cl.  
**C07D 213/74** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
 (87) WO2017/005673  
 (31) 15175448.8 (32) 06.07.15 (33) EP  
 (43) 12.01.2017  
 (44) 26.03.2020  
 (72) Jeschke, Peter; Gutbrod, Oliver; Fischer, Reiner; Hellwege, Elke; Lösel, Peter; Malsam, Olga; Eilmus, Sascha; Ilg, Kerstin; Portz, Daniela; Görgens, Ulrich; Lishchynskyi, Anton  
 (74) Griffith Hack
- 
- (71) Bayer HealthCare LLC  
 (11) AU-B-2018202678  
 (21) 2018202678 (22) 18.04.2018  
 (54) Methods and techniques for collecting, reporting, and managing information about medical diagnostic procedures  
 (51) Int. Cl.  
**G16H 50/70** ( 2018.01 )  
 (43) 10.05.2018  
 (44) 26.03.2020  
 (62) 2012340081  
 (72) Kalafut, John F.; Mishler, David A.; Brosovich, John A.; Balasubramanian, Sridhar R.; Windham, Frederick P.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-B-2018286611  
 (21) 2018286611 (22) 28.12.2018  
 (54) Antimicrobial obturator for use with vascular access devices  
 (51) Int. Cl.  
**A61L 2/26** ( 2006.01 )  
**A61L 31/00** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
**A61M 39/02** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
 (43) 24.01.2019  
 (44) 26.03.2020  
 (62) 2015250123  
 (72) Burkholz, Jonathan Karl; Shevgoor, Siddarth K.  
 (74) FB Rice Pty Ltd
- 
- (71) Beijing Dongfang Biotech Co. Ltd.; Beijing Jingyitaixiang Technology Development Co. Ltd.  
 (11) AU-B-2017343414  
 (21) 2017343414 (22) 28.09.2017  
 (54) Anti-EGFR and anti-CD3 bispecific antibody and applications thereof  
 (51) Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
 (87) WO2018/068652
- 
- (31) 201610886938.7 (32) 11.10.16 (33) CN  
 (43) 19.04.2018  
 (44) 26.03.2020  
 (72) Bai, Yi; Zhang, Wen; Xu, Meng; Pei, Shuang; Zan, Yanlu; Wen, Shengmei  
 (74) Shelston IP Pty Ltd.
- 
- Beijing Jingyitaixiang Technology Development Co. Ltd. see Beijing Dongfang Biotech Co. Ltd.  
 (21) 2017343414
- 
- (71) Bermad CS Ltd.  
 (11) AU-B-2015346970  
 (21) 2015346970 (22) 16.11.2015  
 (54) Deluge valve with valve seat drain  
 (51) Int. Cl.  
**F16K 1/44** ( 2006.01 )  
 (87) WO2016/075698  
 (31) 62/080,359 (32) 16.11.14 (33) US  
 (43) 19.05.2016  
 (44) 26.03.2020  
 (72) Weingarten, Zvi  
 (74) Wallington-Dummer
- 
- (71) Beth Israel Deaconess Medical Center; Georgia State University Research Foundation Inc.  
 (11) AU-B-2014342254  
 (21) 2014342254 (22) 30.10.2014  
 (54) Near-infrared fluorescent contrast bioimaging agents and methods of use thereof  
 (51) Int. Cl.  
**C09B 17/00** ( 2006.01 )  
**A61K 49/04** ( 2006.01 )  
**A61K 49/08** ( 2006.01 )  
**A61K 49/10** ( 2006.01 )  
 (87) WO2015/066290  
 (31) 61/929,916 (32) 21.01.14 (33) US  
 61/898,424 31.10.13 US  
 (43) 07.05.2015  
 (44) 26.03.2020  
 (72) Frangioni, John V.; Choi, Hak Soo; Henary, Maged M.  
 (74) FB Rice Pty Ltd
- 
- (71) Biomet C.V.  
 (11) AU-B-2016243847  
 (21) 2016243847 (22) 18.03.2016  
 (54) Implant configured for hammertoe and small bone fixation  
 (51) Int. Cl.  
**A61B 17/064** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
 (87) WO2016/160372  
 (31) 14/661,250 (32) 18.03.15 (33) US  
 (43) 06.10.2016  
 (44) 26.03.2020  
 (72) Finley, Adam; Hoepfner, Jacy; Stone, Kevin  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Boehringer Ingelheim International GmbH  
 (11) AU-B-2015306128  
 (21) 2015306128 (22) 20.08.2015
- 
- (54) New spiro[3H-indole-3,2'-pyrrolidin]-2(1H)-one compounds and derivatives as MDM2-p53 inhibitors  
 (51) Int. Cl.  
**C07D 487/10** ( 2006.01 )  
**A61K 31/553** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/20** ( 2006.01 )  
**C07D 498/22** ( 2006.01 )  
 (87) WO2016/026937  
 (31) 14181746.0 (32) 21.08.14 (33) EP  
 (43) 25.02.2016  
 (44) 26.03.2020  
 (72) Ramharter, Juergen; Broecker, Joachim; Gille, Annika; Gollner, Andreas; Henry, Manuel; Toelle, Nina; Weinstabl, Harald  
 (74) Spruson & Ferguson
- 
- (71) Booz Allen Hamilton Inc.  
 (11) AU-B-2018211017  
 (21) 2018211017 (22) 17.01.2018  
 (54) System and method for detecting movement of a mobile asset and controlling operations of the asset based on its movement  
 (51) Int. Cl.  
**G01S 5/02** ( 2010.01 )  
**G01S 13/75** ( 2006.01 )  
**G01S 13/82** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
 (87) WO2018/136512  
 (31) 15/408,055 (32) 17.01.17 (33) US  
 15/824,659 28.11.17 US  
 (43) 26.07.2018  
 (44) 26.03.2020  
 (72) Swartz, John C.; Hefner, Anthony; Richards IV, Charles W.; Myers, Gary Jason; Welsh, Matthias  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2016235822  
 (21) 2016235822 (22) 15.03.2016  
 (54) Retrieval devices and related methods of use  
 (51) Int. Cl.  
**A61B 17/221** ( 2006.01 )  
 (87) WO2016/153848  
 (31) 62/137,556 (32) 24.03.15 (33) US  
 15/069,583 14.03.16 US  
 (43) 29.09.2016  
 (44) 26.03.2020  
 (72) Rohan, Prasopporn K.  
 (74) Spruson & Ferguson
- 
- (71) Burton, M.  
 (11) AU-B-2017339516  
 (21) 2017339516 (22) 06.10.2017  
 (54) Dental wedges and matrix bands for use in direct composite restoration techniques  
 (51) Int. Cl.  
**A61C 5/88** ( 2017.01 )  
**A61C 5/85** ( 2017.01 )  
 (87) WO2018/068027  
 (31) 62/427,669 (32) 29.11.16 (33) US  
 62/405,099 06.10.16 US  
 62/462,712 23.02.17 US  
 62/434,229 14.12.16 US  
 (43) 12.04.2018

Applications Accepted - Name Index cont'd

(44) 26.03.2020  
(72) Burton, Matthew  
(74) Spruson & Ferguson

(71) Cambridge Sound Management, Inc.  
(11) AU-B-2017268383  
(21) 2017268383 (22) 18.05.2017  
(54) Self-powered loudspeaker for sound masking  
(51) Int. Cl.  
*G10K 11/175* ( 2006.01 )  
*H04R 1/02* ( 2006.01 )  
*H04R 1/20* ( 2006.01 )

(87) WO2017/201269  
(31) 62/339,417 (32) 20.05.16 (33) US  
(43) 23.11.2017  
(44) 26.03.2020  
(72) Cook, Gordon V.; Nollman, Mitchell  
(74) Spruson & Ferguson

(71) Cardiac Pacemakers, Inc.  
(11) AU-B-2018239251  
(21) 2018239251 (22) 19.03.2018  
(54) Leadless pacing device for treating cardiac arrhythmias  
(51) Int. Cl.  
*A61N 1/375* ( 2006.01 )  
(87) WO2018/175308  
(31) 62/473,663 (32) 20.03.17 (33) US  
(43) 27.09.2018  
(44) 26.03.2020  
(72) Haasl, Benjamin J.; Sachs, Dana; Shuros, Allan Charles  
(74) Spruson & Ferguson

(71) Cardinal Health Switzerland 515 GmbH  
(11) AU-B-2018202589  
(21) 2018202589 (22) 13.04.2018  
(54) STENT CANNULATION GUIDING DEVICE FOR BIFURCATED STENT AND METHOD OF USE  
(51) Int. Cl.  
*A61M 25/01* ( 2006.01 )  
*A61F 2/00* ( 2006.01 )  
*A61M 29/02* ( 2006.01 )  
(43) 10.05.2018  
(44) 26.03.2020  
(62) 2013270547  
(72) Fleming, James A.  
(74) Griffith Hack

(71) Cargill, Incorporated  
(11) AU-B-2016290074  
(21) 2016290074 (22) 07.07.2016  
(54) Reduced-fat frozen confection  
(51) Int. Cl.  
*A23G 9/32* ( 2006.01 )  
*A23G 9/34* ( 2006.01 )  
*A23G 9/42* ( 2006.01 )  
(87) WO2017/007894  
(31) 15175598.0 (32) 07.07.15 (33) EP  
(43) 12.01.2017  
(44) 26.03.2020  
(72) Barey, Philippe  
(74) Spruson & Ferguson

(71) Carter, M.  
(11) AU-B-2016281533  
(21) 2016281533 (22) 19.05.2016  
(54) Wheel axle assembly  
(51) Int. Cl.  
*B60B 37/10* ( 2006.01 )  
(87) WO2016/209436  
(31) 14/746,478 (32) 22.06.15 (33) US  
(43) 29.12.2016  
(44) 26.03.2020  
(72) Carter, Mark C.  
(74) Davies Collison Cave Pty Ltd

(71) Casale SA  
(11) AU-B-2015345542  
(21) 2015345542 (22) 31.08.2015  
(54) Urea finishing process with acid scrubbing  
(51) Int. Cl.  
*C07C 273/16* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
*B01D 53/54* ( 2006.01 )  
*B01D 53/58* ( 2006.01 )  
*B01D 53/73* ( 2006.01 )  
(87) WO2016/074813  
(31) 14192905.9 (32) 12.11.14 (33) EP  
(43) 19.05.2016  
(44) 26.03.2020  
(72) Scotto, Andrea; Bertini, Paolo  
(74) Acumen Intellectual Property

(71) Casale SA  
(11) AU-B-2016222007  
(21) 2016222007 (22) 27.01.2016  
(54) Process for the ammonia production  
(51) Int. Cl.  
*C01C 1/04* ( 2006.01 )  
*B01J 8/06* ( 2006.01 )  
*C01B 3/02* ( 2006.01 )  
(87) WO2016/131623  
(31) 15156001.8 (32) 20.02.15 (33) EP  
(43) 25.08.2016  
(44) 26.03.2020  
(72) Filippi, Ermanno; Ostuni, Raffaele  
(74) Spruson & Ferguson

(71) Casio Computer Co., Ltd.  
(11) AU-B-2016357002  
(21) 2016357002 (22) 28.10.2016  
(54) Structure forming method, structure forming device, structure forming program and machining medium for structure forming  
(51) Int. Cl.  
*B41J 2/01* ( 2006.01 )  
*B41M 3/06* ( 2006.01 )  
*B41M 5/00* ( 2006.01 )  
(87) WO2017/086191  
(31) 2015-225481 (32) 18.11.15 (33) JP  
2016-104772 26.05.16 JP  
(43) 26.05.2017  
(44) 26.03.2020  
(72) Nishiura, Fusao  
(74) Griffith Hack

(71) Caterpillar Inc.  
(11) AU-B-2016256689  
(21) 2016256689 (22) 08.11.2016

(54) GENERATOR SET HAVING COUPLING MEMBER BETWEEN FLYWHEEL AND GENERATOR  
(51) Int. Cl.  
*H02K 21/22* ( 2006.01 )  
*F16D 3/62* ( 2006.01 )  
(31) 14/951,574 (32) 25.11.15 (33) US  
(43) 08.06.2017  
(44) 26.03.2020  
(72) CHODAVARAPU, Prasad  
(74) FPA Patent Attorneys Pty Ltd

(71) Cellix Bio Private Limited  
(11) AU-B-2014407862  
(21) 2014407862 (22) 20.11.2014  
(54) Compositions and methods for the treatment of multiple sclerosis  
(51) Int. Cl.  
*C07C 69/60* ( 2006.01 )  
*A61K 31/232* ( 2006.01 )  
*A61K 31/27* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07C 271/16* ( 2006.01 )  
(87) WO2016/051420  
(31) 4873/CHE/2014 (32) 29.09.14 (33) IN  
(43) 07.04.2016  
(44) 26.03.2020  
(72) Kandula, Mahesh  
(74) Griffith Hack

Centre Hospitalier Universitaire de Liège see The United States of America, as represented by The Secretary, Department of Health and Human Services  
(21) 2015346277

(71) Centrexion Therapeutics Corporation  
(11) AU-B-2016287584  
(21) 2016287584 (22) 01.07.2016  
(54) 4-((3R,4R)-3-methoxytetrahydro-pyran-4-ylamino)piperidin-1-yl(5-methyl-6-((2R,6S)-6-(p-tolyl)tetrahydro-2H-pyran-2-yl)methylamino)pyrimidin-4-yl)methanone citrate  
(51) Int. Cl.  
*C07D 405/14* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
(87) WO2017/004537  
(31) 15175066.8 (32) 02.07.15 (33) EP  
(43) 05.01.2017  
(44) 26.03.2020  
(72) Ostermeier, Markus; Werthmann, Ulrike; Ebel, Heiner; Giovannini, Riccardo; Schreuer, Stefan; Frattini, Sara  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Changchun Meihe Science and Technology Development Co., Ltd; The Coca-Cola Company  
(11) AU-B-2015320134  
(21) 2015320134 (22) 23.09.2015  
(54) Method for preparing diol  
(51) Int. Cl.  
*C07C 31/20* ( 2006.01 )



Applications Accepted - Name Index cont'd

**B01J 25/02** ( 2006.01 )  
**C07C 29/00** ( 2006.01 )  
**(87)** WO2016/045583  
**(31)** 201410512704.7 **(32)** 28.09.14 **(33)** CN  
**(43)** 31.03.2016  
**(44)** 26.03.2020  
**(72)** Liu, Jing; Qi, Hongbin; Ren, Haiyu;  
 Prakash, Indra; Shi, Yu  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CHDI Foundation, Inc.; Sangamo Therapeutics, Inc.  
**(11)** AU-B-2015255877  
**(21)** 2015255877 **(22)** 07.05.2015  
**(54)** Methods and compositions for treating huntington's disease  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/54** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**(87)** WO2015/171932  
**(31)** 61/990,521 **(32)** 08.05.14 **(33)** US  
 62/051,724 17.09.14 US  
**(43)** 12.11.2015  
**(44)** 26.03.2020  
**(72)** Froelich, Steven; Kwak, Seung; Munoz-Sanjuan, Ignacio; Zhang, H. Steve  
**(74)** WRAYS PTY LTD

**(71)** CHEP Technology Pty Limited  
**(11)** AU-B-2017360374  
**(21)** 2017360374 **(22)** 13.10.2017  
**(54)** Plastic pallet with support blocks having upper and lower towers and associated methods  
**(51)** Int. Cl.  
**B65D 19/00** ( 2006.01 )  
**B65D 19/38** ( 2006.01 )  
**(87)** WO2018/093497  
**(31)** 15/357,147 **(32)** 21.11.16 **(33)** US  
**(43)** 24.05.2018  
**(44)** 26.03.2020  
**(72)** Storteboom, John Thomas; Chapin, Jeffrey Ryan; Wolos, Gregory; Brandt, Kenneth; Lantz, Daniel J.; Brockmeier, Oivind; D'Emidio, Brandon Michael  
**(74)** Spruson & Ferguson

**(71)** Chiesi Farmaceutici S.p.A.  
**(11)** AU-B-2014375301  
**(21)** 2014375301 **(22)** 23.12.2014  
**(54)** Stable pressurised aerosol solution composition of glycopyrronium bromide and formoterol combination  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/54** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**B65D 83/54** ( 2006.01 )  
**(87)** WO2015/101576  
**(31)** 13199784.3 **(32)** 30.12.13 **(33)** EP  
**(43)** 09.07.2015

**(44)** 26.03.2020  
**(72)** Bonelli, Sauro; Copelli, Diego; Dagli Alberi, Massimiliano; Usberti, Francesca; Zambelli, Enrico  
**(74)** Lord & Company

**Children's Hospital Medical Center see B.G. Negev Technologies and Applications Ltd.**  
**(21)** 2015264243

**(71)** China University of Mining and Technology  
**(11)** AU-B-2016428734  
**(21)** 2016428734 **(22)** 01.12.2016  
**(54)** PROCESS METHOD FOR WITHDRAWING AND RECOVERING MECHANICAL CONSTANT-RESISTANCE SINGLE PROP  
**(51)** Int. Cl.  
**E21D 15/60** ( 2006.01 )  
**(87)** WO2018/082149  
**(31)** 201610953089.2 **(32)** 03.11.16 **(33)** CN  
**(43)** 11.05.2018  
**(44)** 26.03.2020  
**(72)** Zhang, Jixiong; Zhou, Nan; Qi, Wenyue; Zhang, Qiang; Li, Meng  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Clean Barrow Pty Ltd  
**(11)** AU-B-2018333834  
**(21)** 2018333834 **(22)** 11.09.2018  
**(54)** Apparatus, system and method for cleaning a wheelbarrow  
**(51)** Int. Cl.  
**B07B 1/00** ( 2006.01 )  
**B62B 1/18** ( 2006.01 )  
**B62B 5/00** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
**B65G 69/12** ( 2006.01 )  
**B65G 69/30** ( 2006.01 )  
**F16M 11/00** ( 2006.01 )  
**(87)** WO2019/051539  
**(31)** 2017903698 **(32)** 12.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(44)** 26.03.2020  
**(72)** HUSDON, Angus James; VAUPEL, Karl Manning; DAVIES, Sam Rhys  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** Colgate-Palmolive Company  
**(11)** AU-B-2017362740  
**(21)** 2017362740 **(22)** 20.11.2017  
**(54)** Oral care implement  
**(51)** Int. Cl.  
**A61C 17/34** ( 2006.01 )  
**A61C 17/00** ( 2006.01 )  
**(87)** WO2018/094319  
**(31)** 201611028323.7 **(32)** 21.11.16 **(33)** CN  
**(43)** 24.05.2018  
**(44)** 26.03.2020  
**(72)** Bloch, Brian; Tan, Thuan Chong  
**(74)** Shelston IP Pty Ltd.

**(71)** Commissariat a l'Energie Atomique et aux Energies Alternatives  
**(11)** AU-B-2016266881  
**(21)** 2016266881 **(22)** 12.05.2016  
**(54)** Device for deep electrical and optical brain stimulation  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**(87)** WO2016/189216  
**(31)** 1554789 **(32)** 28.05.15 **(33)** FR  
**(43)** 01.12.2016  
**(44)** 26.03.2020  
**(72)** Chabrol, Claude; Benabid, Alim-Louis  
**(74)** Spruson & Ferguson

**(71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-B-2017261849  
**(21)** 2017261849 **(22)** 11.05.2017  
**(54)** "Solar power forecasting"  
**(51)** Int. Cl.  
**G01W 1/10** ( 2006.01 )  
**G01J 1/42** ( 2006.01 )  
**G01W 1/12** ( 2006.01 )  
**H02S 10/00** ( 2014.01 )  
**(87)** WO2017/193172  
**(31)** PCT/ AU2016/050396 **(32)** 24.05.16 **(33)** AU  
 2016901760 11.05.16 AU  
**(43)** 16.11.2017  
**(44)** 26.03.2020  
**(72)** West, Sam; Lagerstrom, Ryan; Sun, Changming; Rongxin, Li; Wong, Joel  
**(74)** FB Rice Pty Ltd

**(71)** Coupe, P.  
**(11)** AU-B-2018203443  
**(21)** 2018203443 **(22)** 16.05.2018  
**(54)** A CONTAINER/BUILDING SYSTEM  
**(51)** Int. Cl.  
**B65D 88/52** ( 2006.01 )  
**B65D 90/00** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**E04B 1/38** ( 2006.01 )  
**E04H 1/12** ( 2006.01 )  
**(43)** 07.06.2018  
**(44)** 26.03.2020  
**(62)** 2013327390  
**(72)** Coupe, Paul Michael  
**(74)** Spruson & Ferguson

**(71)** Covidien LP  
**(11)** AU-B-2016202115  
**(21)** 2016202115 **(22)** 05.04.2016  
**(54)** Methods to shorten calibration times for powered devices  
**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
**(31)** 14/683,407 **(32)** 10.04.15 **(33)** US  
**(43)** 27.10.2016  
**(44)** 26.03.2020  
**(72)** Zemlok, Michael A.  
**(74)** Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Cryovac, LLC  
 (11) AU-B-2016256231  
 (21) 2016256231 (22) 27.04.2016  
 (54) Package, packaged product, method of releasing at least one agent into chamber portion of package, and process of packaging  
 (51) Int. Cl.  
     **B65D 81/20** ( 2006.01 )  
     **B65B 29/10** ( 2006.01 )  
     **B65B 31/02** ( 2006.01 )  
     **B65D 81/32** ( 2006.01 )  
 (87) WO2016/174111  
 (31) 62/154,796 (32) 30.04.15 (33) US  
 (43) 03.11.2016  
 (44) 26.03.2020  
 (72) Secchi, Alessandra; Palumbo, Riccardo; Distefano, Dario; Della Bianca, Serena  
 (74) AJ PARK

(71) Cytomx Therapeutics, Inc.  
 (11) AU-B-2014324884  
 (21) 2014324884 (22) 25.09.2014  
 (54) Matrix metalloproteinase substrates and other cleavable moieties and methods of use thereof  
 (51) Int. Cl.  
     **C07K 16/18** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **C07K 16/46** ( 2006.01 )  
 (87) WO2015/048329  
 (31) 61/882,377 (32) 25.09.13 (33) US  
     61/971,332 27.03.14 US  
 (43) 02.04.2015  
 (44) 26.03.2020  
 (72) Moore, Stephen James; Nguyen, Margaret Thy Luu; Hostetter, Daniel R.; Vasiljeva, Olga; Flandez, Jeanne Grace  
 (74) Spruson & Ferguson

(71) Daly, T.  
 (11) AU-B-2015296285  
 (21) 2015296285 (22) 30.07.2015  
 (54) Carbondisulfide derived zwitterions  
 (51) Int. Cl.  
     **C07C 219/06** ( 2006.01 )  
     **C07C 333/14** ( 2006.01 )  
     **C07F 9/02** ( 2006.01 )  
     **C08K 5/17** ( 2006.01 )  
     **C08L 95/00** ( 2006.01 )  
 (87) WO2016/019121  
 (31) 14/808,389 (32) 24.07.15 (33) US  
     14/447,121 30.07.14 US  
 (43) 04.02.2016  
 (44) 26.03.2020  
 (72) Daly, Thomas P.  
 (74) WRAYS PTY LTD

(71) Davies, C.  
 (11) AU-B-2015354406  
 (21) 2015354406 (22) 26.11.2015  
 (54) An applicator and method  
 (51) Int. Cl.  
     **A01N 25/16** ( 2006.01 )  
     **B05B 7/04** ( 2006.01 )  
     **B05B 11/00** ( 2006.01 )  
 (87) WO2016/082000  
 (31) 2014904795 (32) 26.11.14 (33) AU  
 (43) 02.06.2016

(44) 26.03.2020  
 (72) Davies, Colin  
 (74) Spruson & Ferguson

---

(71) DEKA Products Limited Partnership  
 (11) AU-B-2018200039  
 (21) 2018200039 (22) 03.01.2018  
 (54) CASSETTE SYSTEM INTEGRATED APPARATUS  
 (51) Int. Cl.  
     **A61M 1/10** ( 2006.01 )  
     **A61M 1/16** ( 2006.01 )  
 (43) 08.02.2018  
 (44) 26.03.2020  
 (62) 2016203233  
 (72) Demers, Jason A.; Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) De Ridder, D.  
 (11) AU-B-2015313928  
 (21) 2015313928 (22) 11.09.2015  
 (54) System and method for nested neurostimulation  
 (51) Int. Cl.  
     **A61N 1/36** ( 2006.01 )  
 (87) WO2016/038464  
 (31) 62/049,086 (32) 11.09.14 (33) US  
 (43) 17.03.2016  
 (44) 26.03.2020  
 (72) De Ridder, Dirk  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Desalitech Ltd  
 (11) AU-B-2017285386  
 (21) 2017285386 (22) 24.05.2017  
 (54) Pressure-exchange assisted closed circuit desalination systems for continuous desalination of low energy and high recovery under fixed flow and variable pressure conditions  
 (51) Int. Cl.  
     **C02F 1/44** ( 2006.01 )  
     **B01D 61/02** ( 2006.01 )  
     **B01D 61/06** ( 2006.01 )  
     **B01D 61/12** ( 2006.01 )  
     **F04F 13/00** ( 2009.01 )  
 (87) WO2017/216785  
 (31) 246233 (32) 13.06.16 (33) IL  
 (43) 21.12.2017  
 (44) 26.03.2020  
 (72) Efraty, Avi  
 (74) Spruson & Ferguson

(71) Digi-Star, LLC  
 (11) AU-B-2016328274  
 (21) 2016328274 (22) 14.09.2016  
 (54) Agricultural drone for use in livestock monitoring  
 (51) Int. Cl.  
     **A61B 5/00** ( 2006.01 )  
     **A01K 29/00** ( 2006.01 )  
 (87) WO2017/053135  
 (31) 14/864,222 (32) 24.09.15 (33) US  
 (43) 30.03.2017

(44) 26.03.2020  
 (72) Horton, Christopher V.; Vorpahl, Samuel R.  
 (74) HopgoodGanim

---

(71) Digital (ID) Entity Limited  
 (11) AU-B-2014252706  
 (21) 2014252706 (22) 14.04.2014  
 (54) A system, method, computer program and data signal for the provision of a profile of identification  
 (51) Int. Cl.  
     **G06F 21/32** ( 2013.01 )  
 (87) WO2014/165940  
 (31) 2013204989 (32) 13.04.13 (33) AU  
 (43) 16.10.2014  
 (44) 26.03.2020  
 (72) Storr, James Robert  
 (74) Digital (ID)entity Limited

(71) Dish Technologies L.L.C.  
 (11) AU-B-2016382954  
 (21) 2016382954 (22) 28.12.2016  
 (54) Methods and systems for adaptive content delivery  
 (51) Int. Cl.  
     **H04N 21/231** ( 2011.01 )  
     **H04L 29/06** ( 2006.01 )  
     **H04N 21/2343** ( 2011.01 )  
     **H04N 21/262** ( 2011.01 )  
     **H04N 21/2747** ( 2011.01 )  
     **H04N 21/433** ( 2011.01 )  
     **H04N 21/442** ( 2011.01 )  
     **H04N 21/462** ( 2011.01 )  
     **H04N 21/482** ( 2011.01 )  
     **H04N 21/643** ( 2011.01 )  
     **H04N 21/845** ( 2011.01 )  
 (87) WO2017/117261  
 (31) 62/272,438 (32) 29.12.15 (33) US  
     15/392,212 28.12.16 US  
 (43) 06.07.2017  
 (44) 26.03.2020  
 (72) Major, Robert Drew  
 (74) Spruson & Ferguson

(71) Dow AgroSciences LLC  
 (11) AU-B-2018201613  
 (21) 2018201613 (22) 06.03.2018  
 (54) Optimal soybean loci  
 (51) Int. Cl.  
     **C12N 15/82** ( 2006.01 )  
     **C12N 5/04** ( 2006.01 )  
     **C12N 5/10** ( 2006.01 )  
     **C12N 15/87** ( 2006.01 )  
 (43) 29.03.2018  
 (44) 26.03.2020  
 (62) 2014341934  
 (72) Sastry-Dent, Lakshmi; Cao, Zehui; Sriram, Shreedharan; Webb, Steven R.; Camper, Debra L.; Ainley, Michael W.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Dow AgroSciences LLC  
 (11) AU-B-2018201717  
 (21) 2018201717 (22) 09.03.2018  
 (54) Optimal maize loci  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

- C07H 21/04** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )
- (43) 05.04.2018  
(44) 26.03.2020  
(62) 2014341927  
(72) Sastry-Dent, Lakshmi; Cao, Zehui; Sriram, Shreedharan; Webb, Steven R.; Camper, Debra L.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Dow Global Technologies LLC; Rohm and Haas Company  
(11) AU-B-2018206714  
(21) 2018206714 (22) 17.07.2018  
(54) A COATING COMPOSITION, AND A PROCESS FOR PRODUCING THE SAME  
(51) Int. Cl.  
**C09D 167/00** ( 2006.01 )  
(43) 02.08.2018  
(44) 26.03.2020  
(62) 2016204918  
(72) Kan, Charles; Ortiz, Rebecca; Roper, John; Weier, Jane; Young, Timothy; Spilman, Gary; Drumright, Ray  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) DSM IP Assets B.V.  
(11) AU-B-2017242919  
(21) 2017242919 (22) 03.04.2017  
(54) New tablettable formulation of lutein and/or zeaxanthin  
(51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A23L 2/39** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
(87) WO2017/168005  
(31) 16163565.1 (32) 01.04.16 (33) EP  
(43) 05.10.2017  
(44) 26.03.2020  
(72) Estrella, Antonio; Funda, Elger; Misic, Zdravka; Schaefer, Christian; Beck, Markus; Schlegel, Bernd; Urban, Kai  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Dupont Nutrition Biosciences ApS  
(11) AU-B-2017249660  
(21) 2017249660 (22) 06.04.2017  
(54) Bifidobacteria for increasing lean body mass  
(51) Int. Cl.  
**A61K 35/745** ( 2015.01 )  
**A23L 33/135** ( 2016.01 )  
**A61P 21/00** ( 2006.01 )  
(87) WO2017/178315  
(31) 16165376.1 (32) 14.04.16 (33) EP  
(43) 19.10.2017  
(44) 26.03.2020  
(72) Stenman, Lotta; Lahtinen, Sampo  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Electrocore LLC  
(11) AU-B-2019201050  
(21) 2019201050 (22) 14.02.2019
- 
- (54) Devices and methods for non-invasive capacitive electrical stimulation and their use for vagus nerve stimulation on the neck of a patient  
(51) Int. Cl.  
**A61N 1/00** ( 2006.01 )  
(43) 07.03.2019  
(44) 26.03.2020  
(62) 2011361696  
(72) ERRICO, Joseph P.; SIMON, Bruce; RAFFLE, John T.  
(74) Spruson & Ferguson
- 
- (71) Eni S.p.A.  
(11) AU-B-2015334525  
(21) 2015334525 (22) 22.10.2015  
(54) Valve assembly and control method for extraction wells under emergency conditions  
(51) Int. Cl.  
**E21B 33/06** ( 2006.01 )  
(87) WO2016/063245  
(31) MI2014A001830 (32) 23.10.14 (33) IT  
(43) 28.04.2016  
(44) 26.03.2020  
(72) Molaschi, Claudio; Maliardi, Alberto; Nista, Alessio  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) ESCO Group LLC  
(11) AU-B-2018201634  
(21) 2018201634 (22) 06.03.2018  
(54) Monitoring ground-engaging products for earth working equipment  
(51) Int. Cl.  
**E02F 3/00** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**G08B 23/00** ( 2006.01 )  
(43) 29.03.2018  
(44) 26.03.2020  
(62) 2016219013  
(72) Carpenter, Christopher M.; Zuendel, Karsten D.; Hyde, Steven D.; Lander, Javier; Betournay, Jason W.  
(74) MINTER ELLISON
- 
- (71) ESCO Group LLC  
(11) AU-B-2018201710  
(21) 2018201710 (22) 09.03.2018  
(54) Wear part monitoring  
(51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**E02F 3/28** ( 2006.01 )  
**E02F 3/36** ( 2006.01 )  
**E02F 3/43** ( 2006.01 )  
**G06Q 50/02** ( 2012.01 )  
**G06Q 50/08** ( 2012.01 )  
(43) 05.04.2018  
(44) 26.03.2020  
(62) 2014262221  
(72) Bewley, Eric L.; Cowgill, Noah; Blomberg, Joseph E.  
(74) MINTER ELLISON
- 
- (71) ESS-HELP, INC.  
(11) AU-B-2018205070  
(21) 2018205070 (22) 09.07.2018
- 
- (54) Enhanced communication system for vehicle hazard lights  
(51) Int. Cl.  
**B60Q 1/46** ( 2006.01 )  
**B60Q 1/26** ( 2006.01 )  
(43) 26.07.2018  
(44) 26.03.2020  
(62) 2016262723  
(72) Tucker, David; Tucker, Daniel; Kimberlin, Denver; Maurya, Devender Nath; Torkelson, Jonathan; Cobb, John Zachariah  
(74) MINTER ELLISON
- 
- (71) Ethicon LLC  
(11) AU-B-2015321822  
(21) 2015321822 (22) 08.09.2015  
(54) Fastener cartridge for creating a flexible staple line  
(51) Int. Cl.  
**A61B 17/072** ( 2006.01 )  
(87) WO2016/048648  
(31) 14/498,121 (32) 26.09.14 (33) US  
(43) 31.03.2016  
(44) 26.03.2020  
(72) Harris, Jason L.; Casella, Lucia M.; Zeiner, Mark S.; Smith, Bret W.; Crainich, Lawrence; Shelton IV, Frederick E.; Morgan, Jerome R.; Worthington, Sarah A.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Etubics Corporation; Nant Holdings IP, LLC; NantCell, Inc.  
(11) AU-B-2017268822  
(21) 2017268822 (22) 26.05.2017  
(54) Neopeptide vaccine compositions and methods of use thereof  
(51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
(87) WO2017/205810  
(31) 62/342,752 (32) 27.05.16 (33) US  
(43) 30.11.2017  
(44) 26.03.2020  
(72) Jones, Frank R.; Rice, Adrian; Soon-Shiong, Patrick; Niazi, Kayvan; Rabizadeh, Shahrooz  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Everbright Pharmaceuticals S.a.r.l.  
(11) AU-B-2015289035  
(21) 2015289035 (22) 17.07.2015  
(54) Aqueous formulation comprising paracetamol and ibuprofen  
(51) Int. Cl.  
**A61K 9/08** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/192** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
(87) WO2016/009067  
(31) PCT/EP2014/065544 (32) 18.07.14 (33) EP  
(43) 21.01.2016

Applications Accepted - Name Index cont'd

(44) 26.03.2020  
 (72) Jacobsen, Thomas  
 (74) Spruson & Ferguson

(71) Evoqua Water Technologies LLC  
 (11) AU-B-2015229790  
 (21) 2015229790 (22) 06.03.2015  
 (54) Phosphate recovery by acid retardation  
 (51) Int. Cl.  
*C02F 1/00* ( 2006.01 )  
*C01B 25/234* ( 2006.01 )  
*C02F 1/28* ( 2006.01 )

(87) WO2015/138233  
 (31) 61/950,359 (32) 10.03.14 (33) US  
 (43) 17.09.2015  
 (44) 26.03.2020  
 (72) Higgs, Justin W.; Mallmann, Thomas Kenneth; Workman, Kenneth Ray  
 (74) Shelston IP Pty Ltd.

(71) Excelsior Medical Corporation  
 (11) AU-B-2015301609  
 (21) 2015301609 (22) 13.08.2015  
 (54) Disinfectant caps  
 (51) Int. Cl.  
*A61M 39/16* ( 2006.01 )  
 (87) WO2016/025775  
 (31) 62/036,666 (32) 13.08.14 (33) US  
 (43) 18.02.2016  
 (44) 26.03.2020  
 (72) Gardner, Christopher E.; Banik, Robert  
 (74) Davies Collison Cave Pty Ltd

(71) Expro Petrotech AS  
 (11) AU-B-2015324684  
 (21) 2015324684 (22) 30.09.2015  
 (54) Apparatus and method for providing a fluid sample in a well  
 (51) Int. Cl.  
*E21B 49/08* ( 2006.01 )  
*E21B 49/10* ( 2006.01 )  
*G01N 1/10* ( 2006.01 )  
 (87) WO2016/053110  
 (31) 20141190 (32) 03.10.14 (33) NO  
 (43) 07.04.2016  
 (44) 26.03.2020  
 (72) Dybdahl, Bjorn; Kirkerod, Trond  
 (74) Shelston IP Pty Ltd.

(71) ExxonMobil Upstream Research Company  
 (11) AU-B-2017320734  
 (21) 2017320734 (22) 01.08.2017  
 (54) Communication networks, relay nodes for communication networks, and methods of transmitting data among a plurality of relay nodes  
 (51) Int. Cl.  
*E21B 47/16* ( 2006.01 )  
 (87) WO2018/044464  
 (31) 62/381,330 (32) 30.08.16 (33) US  
 (43) 08.03.2018  
 (44) 26.03.2020  
 (72) Zhang, Yibing; Song, Limin; Disko, Mark M.  
 (74) Watermark Intellectual Property Pty Ltd

(71) EZE Shoring (Halifax) Limited  
 (11) AU-B-2015316606  
 (21) 2015316606 (22) 17.09.2015  
 (54) Trench wall support  
 (51) Int. Cl.  
*E02D 17/08* ( 2006.01 )  
 (87) WO2016/042327  
 (31) 1416468.5 (32) 17.09.14 (33) GB  
 (43) 24.03.2016  
 (44) 26.03.2020  
 (72) Wood, Glenn Roy; Wood, Oliver Glenn  
 (74) FB Rice Pty Ltd

(71) Facebook, Inc.  
 (11) AU-B-2016301400  
 (21) 2016301400 (22) 05.08.2016  
 (54) Managing a device cloud  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*H04L 12/66* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
 (87) WO2017/024195  
 (31) 62/201,496 (32) 05.08.15 (33) US  
 15/228,010 04.08.16 US  
 (43) 09.02.2017  
 (44) 26.03.2020  
 (72) Tal, Eran; Rehwald, Martin; Penov, Francislav; Yang, Siyin; Kowalewski, Damian; Yakovlev, Georgiy; Chhabra, Anupma; Lawrence, Zachary Chee-ping; Ahmad, Rizwan; Tien, Dung Nguyen; Escareno, Angelica Estefania; Bigio, Aidymar  
 (74) WRAYS PTY LTD

(71) FARAH & SONS PTY LIMITED  
 (11) AU-B-2016201187  
 (21) 2016201187 (22) 25.02.2016  
 (54) A WEB BASED SYSTEM FOR VOICE AND VIDEO INTERNET TELEPHONY SERVICE PROVISIONING AND CLIENT SIDE CALLER ENDPOINT INSTANTIATION FOR CALL ESTABLISHMENT  
 (51) Int. Cl.  
*H04M 3/22* ( 2006.01 )  
*G06F 15/16* ( 2006.01 )  
 (31) 2015900651 (32) 25.02.15 (33) AU  
 (43) 22.09.2016  
 (44) 26.03.2020  
 (72) Farah, George Boshra  
 (74) Patentec Patent Attorneys

(71) Ferno-Washington, Inc.  
 (11) AU-B-2016250559  
 (21) 2016250559 (22) 21.04.2016  
 (54) Container mounting assembly  
 (51) Int. Cl.  
*B60R 11/00* ( 2006.01 )  
 (87) WO2016/172327  
 (31) 62/150,660 (32) 21.04.15 (33) US  
 (43) 27.10.2016  
 (44) 26.03.2020  
 (72) Schroeder, Timothy Paul; Drake, Charles Delbert; Bar-Erez, Eyal  
 (74) Griffith Hack

(71) FMC Corporation  
 (11) AU-B-2018201718  
 (21) 2018201718 (22) 09.03.2018  
 (54) Use of 3-isoxazolidinones compounds as selective herbicides  
 (51) Int. Cl.  
*A01N 43/80* ( 2006.01 )  
 (43) 05.04.2018  
 (44) 26.03.2020  
 (62) 2015218838  
 (72) Walter, James F.; Nicholson, Paul; Burnett, Alison; Lappin, James; Chahal, Gurinderbir; Shinn, Sandra; D'Amico Jr., Frank J.  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) FNA GROUP, INC.  
 (11) AU-B-2018202852  
 (21) 2018202852 (22) 24.04.2018  
 (54) PRESSURE WASHER SAFETY LOCK  
 (51) Int. Cl.  
*B05B 9/01* ( 2006.01 )  
*B05B 12/00* ( 2018.01 )  
*B08B 3/02* ( 2006.01 )  
 (31) 62/489,738 (32) 25.04.17 (33) US  
 (43) 08.11.2018  
 (44) 26.03.2020  
 (72) Alexander, Gus; Kolicheski, Paulo Rogerio Funk; Gilpatrick, Richard James  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Fracture ID, Inc.  
 (11) AU-B-2015314992  
 (21) 2015314992 (22) 10.09.2015  
 (54) Apparatus and method using measurements taken while drilling to map mechanical boundaries and mechanical rock properties along a borehole  
 (51) Int. Cl.  
*E21B 47/14* ( 2006.01 )  
 (87) WO2016/040669  
 (31) 62/048,669 (32) 10.09.14 (33) US  
 (43) 17.03.2016  
 (44) 26.03.2020  
 (72) Neale, R. Christopher; Lakings, James D.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gako International GmbH  
 (11) AU-B-2015254717  
 (21) 2015254717 (22) 29.04.2015  
 (54) Pharmacy formulation production system and pharmacy formulation production method for producing pharmaceutical individual formulations  
 (51) Int. Cl.  
*B01F 13/10* ( 2006.01 )  
 (87) WO2015/165943  
 (31) 10 2014 105 989.1 (32) 29.04.14 (33) DE  
 (43) 05.11.2015  
 (44) 26.03.2020  
 (72) Konietzko, Matthias  
 (74) Phillips Ormonde Fitzpatrick

(71) Ganeden Biotech, Inc.  
 (11) AU-B-2017261473  
 (21) 2017261473 (22) 14.11.2017

Applications Accepted - Name Index cont'd

(54) Probiotic Grain-Based Compositions

- (51) Int. Cl.  
**A23L 7/104** ( 2016.01 )  
**A23L 7/109** ( 2016.01 )  
**A23L 23/10** ( 2016.01 )  
**A23L 33/135** ( 2016.01 )  
**C12N 1/20** ( 2006.01 )

(43) 30.11.2017

(44) 26.03.2020

(62) 2016201194

(72) Farmer, Sean; Lefkowitz, Andrew R.; Bush, Michael; Maske, David

(74) Spruson & Ferguson

(71) Gelliner Limited

(11) AU-B-2017304749

(21) 2017304749 (22) 24.07.2017

(54) Payment confirmation system and method

(51) Int. Cl.

**G06Q 20/20** ( 2012.01 )

**G06Q 20/32** ( 2012.01 )

(87) WO2018/020225

(31) 1613132.8 (32) 29.07.16 (33) GB

(43) 01.02.2018

(44) 26.03.2020

(72) Moshal, Martin Paul; Villiers, David De

(74) Spruson & Ferguson

(71) Genzyme Corporation

(11) AU-B-2018203261

(21) 2018203261 (22) 10.05.2018

(54) Engineered anti-TGF-beta antibodies and antigen-binding fragments

(51) Int. Cl.

**C07K 16/22** ( 2006.01 )

**A61K 39/00** ( 2006.01 )

**A61K 39/395** ( 2006.01 )

**C07K 14/495** ( 2006.01 )

**C12P 21/08** ( 2006.01 )

(43) 31.05.2018

(44) 26.03.2020

(62) 2014249051

(72) Wei, Ronnie; Moulin, Aaron; Mathieu, Magali; Pan, Clark; Park, Sunghae; Qiu, Huawei

(74) Watermark Intellectual Property Pty Ltd

Georgia State University Research Foundation Inc. see Beth Israel Deaconess Medical Center

(21) 2014342254

(71) Global Blood Therapeutics, Inc.

(11) AU-B-2018260808

(21) 2018260808 (22) 06.11.2018

(54) COMPOUNDS AND USES THEREOF FOR THE MODULATION OF HEMOGLOBIN

(51) Int. Cl.

**C07D 401/12** ( 2006.01 )

**A61K 31/4427** ( 2006.01 )

**A61P 7/00** ( 2006.01 )

**C07D 207/08** ( 2006.01 )

**C07D 211/08** ( 2006.01 )

**C07D 211/20** ( 2006.01 )

(43) 22.11.2018

(44) 26.03.2020

(62) 2014237340

(72) Xu, Qing; Li, Zhe; Gwaltney II, Stephen L.

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC

(11) AU-B-2017442245

(21) 2017442245 (22) 08.12.2017

(54) System for securing a personal digital assistant with stacked data structures

(51) Int. Cl.

**G10L 15/22** ( 2006.01 )

**G06F 9/44** ( 2018.01 )

**G06F 21/32** ( 2013.01 )

(87) WO2019/112626

(43) 13.06.2019

(44) 26.03.2020

(72) Kothari, Anshul; Jain, Tarun; Bhaya, Gaurav

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Graco Minnesota Inc.

(11) AU-B-2016257652

(21) 2016257652 (22) 28.04.2016

(54) Pneumatic timing valve

(51) Int. Cl.

**F04B 7/02** ( 2006.01 )

**F04B 23/02** ( 2006.01 )

(87) WO2016/178889

(31) 62/155,568 (32) 01.05.15 (33) US

(43) 10.11.2016

(44) 26.03.2020

(72) Krech, Jacob K.; Meyer, Corey D.; Allie, David J.; Rogers, Daniel J.; Shaw, Derek R.; Ingebrand, John R.; Daniski, Joseph A.

(74) Spruson & Ferguson

(71) GSW Creative Corporation

(11) AU-B-2018264051

(21) 2018264051 (22) 14.11.2018

(54) A VAPORIZATION DEVICE, METHOD OF USING THE DEVICE, A CHARGING CASE, A KIT, AND A VIBRATION ASSEMBLY

(51) Int. Cl.

**A61M 15/06** ( 2006.01 )

**A61M 11/00** ( 2006.01 )

(31) 16100150 (32) 09.08.18 (33) US

(43) 27.02.2020

(44) 26.03.2020

(72) Fornarelli, Thomas

(74) RnB IP Pty Ltd

(71) Gudpod Corp.

(11) AU-B-2015236736

(21) 2015236736 (22) 23.02.2015

(54) System for mixing beverages and method of doing the same

(51) Int. Cl.

**A47J 43/044** ( 2006.01 )

(87) WO2015/148027

(31) 61/972,020 (32) 28.03.14 (33) US  
 14/278,762 15.05.14 US

(43) 01.10.2015

(44) 26.03.2020

(72) Ochoa, Gian-Carlo; Duffy, Brendan J.; Penna, Chris; Van Deursen, Gary; Fagen, Ben W.

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gynesonics, Inc.

(11) AU-B-2018222955

(21) 2018222955 (22) 29.08.2018

(54) Methods and systems for controlled deployment of needle structures in tissue

(51) Int. Cl.

**A61M 25/06** ( 2006.01 )

**A61B 1/04** ( 2006.01 )

**A61M 5/162** ( 2006.01 )

(43) 20.09.2018

(44) 26.03.2020

(62) 2013312372

(72) MUNROW, Michael A.; UECKER, Darrin; PLACEK, Brian; KWAN, Harry; TOUB, David; HINMAN, Cameron D.; DANITZ, David J.

(74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.

(11) AU-B-2015405776

(21) 2015405776 (22) 14.08.2015

(54) Biopolymer based cationic surfactant for clay stabilization and prevention of sludging

(51) Int. Cl.

**C09K 8/08** ( 2006.01 )

**C09K 8/035** ( 2006.01 )

(87) WO2017/030537

(43) 23.02.2017

(44) 26.03.2020

(72) Agashe, Snehalata Sachin; Belakshe, Ravikant S.

(74) Spruson & Ferguson

(71) Hamilton Medical AG

(11) AU-B-2015270508

(21) 2015270508 (22) 03.06.2015

(54) Ventilation system with mechanical ventilation and extracorporeal blood gas exchange

(51) Int. Cl.

**A61M 1/16** ( 2006.01 )

**A61M 16/00** ( 2006.01 )

**A61M 16/10** ( 2006.01 )

(87) WO2015/185618

(31) 10 2014 107 980.9 (32) 05.06.14 (33) DE

(43) 10.12.2015

(44) 26.03.2020

(72) Laubscher, Thomas; Novotni, Dominik

(74) Phillips Ormonde Fitzpatrick

(71) Hendon Semiconductors Pty Ltd

(11) AU-B-2015316165

(21) 2015316165 (22) 04.09.2015

(54) An OFF/ON operating state, brightness adjustment and pre-settable brightness level programmable mode control arrangement for a phase cutting control dimmer and a method of operation thereof

(51) Int. Cl.

**H05B 45/31** ( 2020.01 )

Applications Accepted - Name Index cont'd

**H05B 39/04** ( 2006.01 )  
**(87)** WO2016/037213  
**(31)** 2014903579 **(32)** 09.09.14 **(33)** AU  
**(43)** 17.03.2016  
**(44)** 26.03.2020  
**(72)** Cook, Matthew  
**(74)** Collison & Co

**(71)** Henkel AG & Co. KGaA  
**(11)** AU-B-2016288363  
**(21)** 2016288363 **(22)** 20.06.2016  
**(54)** Method for producing a liquid, surfactant-containing composition  
**(51)** Int. Cl.  
**C11D 11/00** ( 2006.01 )  
**C11D 11/04** ( 2006.01 )  
**C11D 17/00** ( 2006.01 )  
**(87)** WO2017/001218  
**(31)** 102015212131.3 **(32)** 30.06.15 **(33)** DE  
**(43)** 05.01.2017  
**(44)** 26.03.2020  
**(72)** Bellomi, Luca; Meier, Frank; Edwards, Sheila; Sunder, Matthias; Bösemann, Gerd  
**(74)** Spruson & Ferguson

**(71)** Hi-Tex, Inc.  
**(11)** AU-B-2018250406  
**(21)** 2018250406 **(22)** 17.10.2018  
**(54)** Liquid repelling coating  
**(51)** Int. Cl.  
**D06M 17/00** ( 2006.01 )  
**D06M 15/263** ( 2006.01 )  
**D06M 15/31** ( 2006.01 )  
**(43)** 08.11.2018  
**(44)** 26.03.2020  
**(62)** 2013359873  
**(72)** Greene, Richard Wayne; Sullivan Jr., Alfred Hardy; King, Charles C.  
**(74)** Shelston IP Pty Ltd.

**(71)** Hobic Cat Company  
**(11)** AU-B-2018319543  
**(21)** 2018319543 **(22)** 13.02.2018  
**(54)** Propulsion device for watercraft  
**(51)** Int. Cl.  
**B63H 1/30** ( 2006.01 )  
**B63H 1/36** ( 2006.01 )  
**B63H 16/00** ( 2006.01 )  
**B63H 16/10** ( 2006.01 )  
**(87)** WO2019/040116  
**(31)** 15/683,287 **(32)** 22.08.17 **(33)** US  
**(43)** 28.02.2019  
**(44)** 26.03.2020  
**(72)** DOW, Philip James; KETTERMAN, Gregory Scott; CZARNOWSKI, James Taylor; BRACKETT, Drew William; YEL-LIN, Shane; MYERS, John  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Honeywell International Inc.  
**(11)** AU-B-2015385701  
**(21)** 2015385701 **(22)** 12.03.2015  
**(54)** Wireless mesh network gas detection real time location system  
**(51)** Int. Cl.  
**H04W 48/16** ( 2009.01 )  
**(87)** WO2016/141582

**(43)** 15.09.2016  
**(44)** 26.03.2020  
**(72)** Liu, James; Hsi, Peter; Zhao, Pengjun; Ren, Kai; Li, Xiaoxiong  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Hoya Lens Thailand Ltd.  
**(11)** AU-B-2018334588  
**(21)** 2018334588 **(22)** 28.09.2018  
**(54)** Spectacle lens and spectacles  
**(51)** Int. Cl.  
**G02C 7/10** ( 2006.01 )  
**(31)** 2017-191691 **(32)** 29.09.17 **(33)** JP  
**(43)** 18.04.2019  
**(44)** 26.03.2020  
**(72)** Ogo, Yoichi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Hoya Lens Thailand Ltd.  
**(11)** AU-B-2018334589  
**(21)** 2018334589 **(22)** 28.09.2018  
**(54)** Spectacle lens and spectacles  
**(51)** Int. Cl.  
**G02C 7/10** ( 2006.01 )  
**(31)** 2017-191687 **(32)** 29.09.17 **(33)** JP  
**(43)** 18.04.2019  
**(44)** 26.03.2020  
**(72)** Ogo, Yoichi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** I.D.E. Technologies Ltd  
**(11)** AU-B-2016295562  
**(21)** 2016295562 **(22)** 13.07.2016  
**(54)** Improved reverse osmosis or nanofiltration process for cleaning water  
**(51)** Int. Cl.  
**B01D 61/02** ( 2006.01 )  
**B01D 61/08** ( 2006.01 )  
**B01D 61/12** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
**(87)** WO2017/013536  
**(31)** 1512979.4 **(32)** 23.07.15 **(33)** GB  
**(43)** 26.01.2017  
**(44)** 26.03.2020  
**(72)** Drak, Alex; Efrat, Tomer; Zaken, Roi  
**(74)** Michael Buck IP

**(71)** I.D.E. Technologies Ltd  
**(11)** AU-B-2017279000  
**(21)** 2017279000 **(22)** 31.05.2017  
**(54)** Environmentally friendly water intake and pretreatment system  
**(51)** Int. Cl.  
**E02B 1/00** ( 2006.01 )  
**A01K 61/70** ( 2017.01 )  
**A01K 79/02** ( 2006.01 )  
**B01D 24/22** ( 2006.01 )  
**B01D 24/46** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**E03B 3/04** ( 2006.01 )  
**C02F 103/08** ( 2006.01 )  
**(87)** WO2017/212371  
**(31)** 1609911.1 **(32)** 07.06.16 **(33)** GB  
**(43)** 14.12.2017

**(44)** 26.03.2020  
**(72)** Liberman, Boris; Faigon, Miriam; Greenberg, Gal; Levitin, Vitaly  
**(74)** Michael Buck IP

**Idemitsu Kosan Co., Ltd. see SDS Biotech K.K.**  
**(21)** 2014335393

**(71)** Illinois Tool Works Inc.  
**(11)** AU-B-2018207327  
**(21)** 2018207327 **(22)** 23.07.2018  
**(54)** Improvements for a gas-powered fixing tool  
**(51)** Int. Cl.  
**B25C 1/08** ( 2006.01 )  
**(43)** 09.08.2018  
**(44)** 26.03.2020  
**(62)** 2016229422  
**(72)** Cordeiro, Pierre; Herelien, Patrick; Nayrac, Frederic; Ricordi, Christian; Vettoretti, Alain  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Illinois Tool Works Inc.  
**(11)** AU-B-2018207329  
**(21)** 2018207329 **(22)** 23.07.2018  
**(54)** Improvements for a gas-powered fixing tool  
**(51)** Int. Cl.  
**B25C 1/08** ( 2006.01 )  
**(43)** 09.08.2018  
**(44)** 26.03.2020  
**(62)** 2016229422  
**(72)** Cordeiro, Pierre; Herelien, Patrick; Nayrac, Frederic; Ricordi, Christian; Vettoretti, Alain  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Illumina, Inc.  
**(11)** AU-B-2014284560  
**(21)** 2014284560 **(22)** 25.06.2014  
**(54)** Sequencing by orthogonal synthesis  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2015/002789  
**(31)** 61/842,501 **(32)** 03.07.13 **(33)** US  
**(43)** 08.01.2015  
**(44)** 26.03.2020  
**(72)** Fabani, Martin Maria; Rogert Bacigalupo, Maria Candelaria; Moon, John A.  
**(74)** WRAYS PTY LTD

**(71)** IMD Natural Solutions GmbH  
**(11)** AU-B-2017251254  
**(21)** 2017251254 **(22)** 11.04.2017  
**(54)** Formulation systems for antimicrobial glycolipids  
**(51)** Int. Cl.  
**A01N 43/14** ( 2006.01 )  
**A01N 63/32** ( 2020.01 )  
**A01P 1/00** ( 2006.01 )  
**C07H 15/04** ( 2006.01 )  
**C12P 19/44** ( 2006.01 )  
**(87)** WO2017/178497  
**(31)** 16165029.6 **(32)** 13.04.16 **(33)** EP  
**(43)** 19.10.2017

Applications Accepted - Name Index cont'd

(44) 26.03.2020  
 (72) Henkel, Thomas; Bitzer, Jens  
 (74) Davies Collison Cave Pty Ltd

(71) Imeasureu Limited  
 (11) AU-B-2015237956  
 (21) 2015237956 (22) 18.02.2015  
 (54) Lower limb loading assessment systems and methods  
 (51) Int. Cl.  
 A61B 5/11 ( 2006.01 )  
 G01P 15/00 ( 2006.01 )  
 (87) WO2015/145273  
 (31) 622954 (32) 25.03.14 (33) NZ  
 (43) 01.10.2015  
 (44) 26.03.2020  
 (72) Finch, Mark; Besier, Thor Franciscus  
 (74) AJ PARK

(71) Immunovia AB  
 (11) AU-B-2014247083  
 (21) 2014247083 (22) 02.04.2014  
 (54) Methods and arrays for use in biomarker detection for prostate cancer  
 (51) Int. Cl.  
 G01N 33/574 ( 2006.01 )  
 G01N 33/68 ( 2006.01 )  
 (87) WO2014/161910  
 (31) 1305940.7 (32) 02.04.13 (33) GB  
 (43) 09.10.2014  
 (44) 26.03.2020  
 (72) Borrebaeck, Carl Arne Krister; Wingren, Christer Lars Bertil  
 (74) WRAYS PTY LTD

(71) Instytut Biologii Doswiadczalnej im. M. Nenckiego Polskiej Akademii Nauk  
 (11) AU-B-2014367369  
 (21) 2014367369 (22) 19.12.2014  
 (54) A method for detecting an increased risk of developing skin cancer and a use of a genotype variant of the GRHL3 gene  
 (51) Int. Cl.  
 C12Q 1/68 ( 2006.01 )  
 (87) WO2015/093998  
 (31) P.410049 (32) 03.11.14 (33) PL  
 MI2013A002141 19.12.13 IT  
 (43) 25.06.2015  
 (44) 26.03.2020  
 (72) Kikulska, Agnieszka; Wilanowski, Tomasz Michal; Rutkowski, Piotr Lukasz  
 (74) Allens Patent & Trade Mark Attorneys

(71) Intel Corporation  
 (11) AU-B-2018202906  
 (21) 2018202906 (22) 27.04.2018  
 (54) RESOURCE ALLOCATION TECHNIQUES FOR DEVICE-TO-DEVICE (D2D) COMMUNICATIONS  
 (51) Int. Cl.  
 H04W 72/04 ( 2009.01 )  
 H04W 68/00 ( 2009.01 )  
 H04W 88/02 ( 2009.01 )  
 H04W 88/08 ( 2009.01 )  
 (43) 17.05.2018

(44) 26.03.2020  
 (62) 2015231395  
 (72) PANTELEEV, Sergey; KHORYAEV, Alexey; CHATTERJEE, Debdeep  
 (74) Spruson & Ferguson

(71) Iron Therapeutics Holdings AG  
 (11) AU-B-2015204192  
 (21) 2015204192 (22) 06.01.2015  
 (54) Dosage regimen of ferric trimaltol  
 (51) Int. Cl.  
 A61K 31/351 ( 2006.01 )  
 A61K 33/26 ( 2006.01 )  
 A61P 1/00 ( 2006.01 )  
 (87) WO2015/101971  
 (31) 1418708.2 (32) 21.10.14 (33) GB  
 1400171.3 06.01.14 GB  
 (43) 09.07.2015  
 (44) 26.03.2020  
 (72) Schweiger, Christian; Sterritt, Carl Andrew; Howell, Julian David  
 (74) Shelston IP Pty Ltd.

(71) Iturria Avalos, D.  
 (11) AU-B-2016316512  
 (21) 2016316512 (22) 29.08.2016  
 (54) Tamper-evident seal for electricity meters  
 (51) Int. Cl.  
 G09F 3/00 ( 2006.01 )  
 (87) WO2017/039428  
 (31) MX/a/2015/011480 (32) 02.09.15 (33) MX  
 MX/a/2016/009940 29.07.16 MX  
 (43) 09.03.2017  
 (44) 26.03.2020  
 (72) Iturria Avalos, Dario; Iturria Macazaga, Guillermo  
 (74) Discover IP

(71) Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven  
 (11) AU-B-2015326930  
 (21) 2015326930 (22) 30.09.2015  
 (54) Mono- or di-substituted indole derivatives as dengue viral replication inhibitors  
 (51) Int. Cl.  
 C07D 209/42 ( 2006.01 )  
 A61K 31/404 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 (87) WO2016/050841  
 (31) 14187374.5 (32) 01.10.14 (33) EP  
 15159164.1 16.03.15 EP  
 (43) 07.04.2016  
 (44) 26.03.2020  
 (72) Kesteleyn, Bart Rudolf Romanie; Bonfanti, Jean-Francois; Jonckers, Tim Hugo Maria; Raboisson, Pierre Jean-Marie Bernard; Bardiot, Dorothee Alice Marie-Eve; Marchand, Arnaud Didier M.  
 (74) Shelston IP Pty Ltd.

(71) Joy Global Surface Mining Inc  
 (11) AU-B-2016222775  
 (21) 2016222775 (22) 24.02.2016  
 (54) Industrial machine having a power control system  
 (51) Int. Cl.  
 H02J 3/12 ( 2006.01 )

G06Q 50/06 ( 2012.01 )  
 (87) WO2016/138109  
 (31) 14/630,756 (32) 25.02.15 (33) US  
 (43) 01.09.2016  
 (44) 26.03.2020  
 (72) Taylor, Wesley P.  
 (74) Griffith Hack

(71) Jura Elektroapparate AG  
 (11) AU-B-2015207965  
 (21) 2015207965 (22) 03.08.2015  
 (54) Grinder for grinding coffee beans as well as coffee machine comprising such a grinder  
 (51) Int. Cl.  
 A47J 42/10 ( 2006.01 )  
 (31) 14405061.4 (32) 12.08.14 (33) EP  
 (43) 03.03.2016  
 (44) 26.03.2020  
 (72) Sahli, Georg; Probst, Stephan; Buttiker, Philipp  
 (74) Davies Collison Cave Pty Ltd

Katholieke Universiteit Leuven see Janssen Pharmaceuticals, Inc.  
 (21) 2015326930

(71) Klox Technologies Inc.  
 (11) AU-B-2015337786  
 (21) 2015337786 (22) 30.10.2015  
 (54) Photoactivatable fibers and fabric media  
 (51) Int. Cl.  
 D01F 1/10 ( 2006.01 )  
 A61N 5/06 ( 2006.01 )  
 C09K 11/02 ( 2006.01 )  
 C09K 11/06 ( 2006.01 )  
 (87) WO2016/065488  
 (31) 62/073,795 (32) 31.10.14 (33) US  
 (43) 06.05.2016  
 (44) 26.03.2020  
 (72) Piergallini, Remigio; Loupis, Nikolaos; Ohayon, David  
 (74) Shelley Rowland

(71) Knauf Gips KG  
 (11) AU-B-2014401105  
 (21) 2014401105 (22) 15.07.2014  
 (54) Method and apparatus for producing a gypsum plasterboard  
 (51) Int. Cl.  
 B28B 3/12 ( 2006.01 )  
 B28B 19/00 ( 2006.01 )  
 (87) WO2016/008511  
 (43) 21.01.2016  
 (44) 26.03.2020  
 (72) Bredoux, Vincent  
 (74) FPA Patent Attorneys Pty Ltd

(71) Koninklijke Philips N.V.  
 (11) AU-B-2014259459  
 (21) 2014259459 (22) 24.04.2014  
 (54) Medical prognosis and prediction of treatment response using multiple cellular signalling pathway activities  
 (51) Int. Cl.  
 C12Q 1/68 ( 2006.01 )  
 (87) WO2014/174003

Applications Accepted - Name Index cont'd

(31) 13165471.7 (32) 26.04.13 (33) EP  
(43) 30.10.2014  
(44) 26.03.2020  
(72) Verhaegh, Wilhelmus Franciscus Johannes;  
Van Ooijen, Hendrik Jan; Van De Stolpe,  
Anja; Alves De Inda, Marcia  
(74) FB Rice Pty Ltd

(71) Koninklijke Philips N.V.  
(11) AU-B-2015317099  
(21) 2015317099 (22) 06.09.2015  
(54) Apparatus and method for roasting coffee  
beans, and coffee machine  
(51) Int. Cl.  
*A47J 37/00* ( 2006.01 )  
(87) WO2016/041794  
(31) 14189832.0 (32) 22.10.14 (33) EP  
PCT/ 19.09.14 CN  
CN2014/086896  
(43) 24.03.2016  
(44) 26.03.2020  
(72) Tan, Jingwei; Shi, Jun; Wang, Yanyan;  
Zhou, Jun; Kelly, Declan Patrick  
(74) FB Rice Pty Ltd

(71) Krohne AG  
(11) AU-B-2015200452  
(21) 2015200452 (22) 30.01.2015  
(54) NUCLEAR MAGNETIC FLOWMETER  
AND METHOD FOR OPERATING A  
NUCLEAR MAGNETIC FLOWMETER  
(51) Int. Cl.  
*G01F 1/716* ( 2006.01 )  
*G01F 1/74* ( 2006.01 )  
*G01R 33/44* ( 2006.01 )  
(31) 10 2014 007 509.5 (32) 23.05.14 (33) DE  
10 2014 101 324.2 14.07.14 DE  
(43) 10.12.2015  
(44) 26.03.2020  
(72) Hogendoorn, Cornelis Johannes; Zoetewij,  
Marco Leendert; Bousché, Olaf Jean Paul;  
Tromp, Rutger Reinout; Cerioni, Lucas Ma-  
tias Ceferino  
(74) Spruson & Ferguson

(71) L3 Open Water Power, Inc.  
(11) AU-B-2018301816  
(21) 2018301816 (22) 12.07.2018  
(54) Electrochemical power system using  
aqueous dissolved oxygen  
(51) Int. Cl.  
*C25B 1/02* ( 2006.01 )  
(87) WO2019/014474  
(31) 62/531,418 (32) 12.07.17 (33) US  
(43) 17.01.2019  
(44) 26.03.2020  
(72) MCKAY, Ian Salmon; KOVACS, Jason R.;  
BENCK, Jesse Daniel; ZUGIC, Branko  
(74) Dark IP

(71) Lamello AG  
(11) AU-B-2016218106  
(21) 2016218106 (22) 03.02.2016  
(54) ANCHOR ELEMENT, FASTENING  
DEVICE, METHOD FOR PRODUCING  
AN ANCHOR ELEMENT, AND METH-

OD FOR INSTALLING A FASTENING  
DEVICE  
(51) Int. Cl.  
*F16B 13/00* ( 2006.01 )  
(87) WO2016/128271  
(31) 10 2015 202 593.4 (32) 12.02.15 (33) DE  
(43) 18.08.2016  
(44) 26.03.2020  
(72) Seiler, Philipp; Jeker, Patrick  
(74) Davies Collison Cave Pty Ltd

(71) Laminar Medica Limited  
(11) AU-B-2016214162  
(21) 2016214162 (22) 29.01.2016  
(54) A thermally insulated container and method  
for making same  
(51) Int. Cl.  
*B65D 81/38* ( 2006.01 )  
*B65D 43/02* ( 2006.01 )  
*F25D 3/08* ( 2006.01 )  
(87) WO2016/124891  
(31) 1501915.1 (32) 05.02.15 (33) GB  
(43) 11.08.2016  
(44) 26.03.2020  
(72) Knight, Philip; Talbot, Scott; Thomas,  
Geraint  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD

(71) LG Electronics Inc.  
(11) AU-B-2017262306  
(21) 2017262306 (22) 25.04.2017  
(54) Cleaner holder  
(51) Int. Cl.  
*A47L 9/32* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
(87) WO2017/196004  
(31) 10-2016-0108643 (32) 25.08.16 (33) KR  
10-2016-0056462 09.05.16 KR  
(43) 16.11.2017  
(44) 26.03.2020  
(72) Kim, Namhee; Nam, Bohyun; Hwang, Jun-  
gbae; Kim, Jinju; Bae, Sehwan  
(74) Davies Collison Cave Pty Ltd

(71) LG Electronics Inc.  
(11) AU-B-2017265784  
(21) 2017265784 (22) 28.02.2017  
(54) Vacuum cleaner  
(51) Int. Cl.  
*A47L 5/08* ( 2006.01 )  
*A47L 7/00* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
(87) WO2017/200187  
(31) 10-2016-0060445 (32) 17.05.16 (33) KR  
(43) 23.11.2017  
(44) 26.03.2020  
(72) Kwak, Donghoon; Kim, Sungjun  
(74) Davies Collison Cave Pty Ltd

(71) LG Electronics Inc.  
(11) AU-B-2019200303  
(21) 2019200303 (22) 17.01.2019  
(54) Mowing robot  
(51) Int. Cl.  
*G05D 1/10* ( 2006.01 )  
*A01D 34/00* ( 2006.01 )

(31) 10-2018-0007091 (32) 19.01.18 (33) KR  
(43) 08.08.2019  
(44) 26.03.2020  
(72) Lee, Jaehoon; Shin, Seungin; Jeong, Jae-  
hoon  
(74) Watermark Intellectual Property Pty Ltd

(71) Lianyungang Jinkang Hexin Pharmaceutic-  
al Co., Ltd.  
(11) AU-B-2015311370  
(21) 2015311370 (22) 04.09.2015  
(54) Composition of (6S)-5-methyl tetrahydrofo-  
lic acid or salt thereof as well as preparation  
thereof and application thereof  
(51) Int. Cl.  
*A61K 31/519* ( 2006.01 )  
*A61P 7/06* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C07D 475/04* ( 2006.01 )  
(87) WO2016/034145  
(31) 201410449916.5 (32) 04.09.14 (33) CN  
(43) 10.03.2016  
(44) 26.03.2020  
(72) Cheng, Yongzhi; Cheng, Zhi  
(74) WRAYS PTY LTD

(71) Light Field Lab, Inc.  
(11) AU-B-2017296074  
(21) 2017296074 (22) 14.07.2017  
(54) Selective propagation of energy in light  
field and holographic waveguide arrays  
(51) Int. Cl.  
*G02B 27/18* ( 2006.01 )  
*G03H 1/04* ( 2006.01 )  
(87) WO2018/014010  
(31) 62/366,076 (32) 24.07.16 (33) US  
62/362,602 15.07.16 US  
62/507,500 17.05.17 US  
(43) 18.01.2018  
(44) 26.03.2020  
(72) Karafin, Jonathan Sean; Bevenssee, Brendan  
Elwood  
(74) Baldwins Intellectual Property

(71) Luigi Lavazza S.p.A.  
(11) AU-B-2016337566  
(21) 2016337566 (22) 14.10.2016  
(54) Process for treating gaseous effluents de-  
veloped in coffee roasting installation  
(51) Int. Cl.  
*A23F 5/04* ( 2006.01 )  
(87) WO2017/064654  
(31) 102015000062406 (32) 16.10.15 (33) IT  
(43) 20.04.2017  
(44) 26.03.2020  
(72) Furfori, Stefania; Zattarin, Luciano; Deor-  
sola, Fabio Alessandro; Bensaid, Samir;  
Russo, Nunzio; Fino, Debora; Pirone, Raf-  
faele; Piumetti, Marco  
(74) Phillips Ormonde Fitzpatrick



Applications Accepted - Name Index cont'd

(71) Madad Pty Ltd  
 (11) AU-B-2017322092  
 (21) 2017322092 (22) 25.08.2017  
 (54) Mattress  
 (51) Int. Cl.  
*A47C 27/06* ( 2006.01 )  
*A47C 23/05* ( 2006.01 )  
*A47C 23/26* ( 2006.01 )  
*A47C 23/30* ( 2006.01 )  
*A47C 23/32* ( 2006.01 )  
*A47C 27/04* ( 2006.01 )  
 (87) WO2018/039708  
 (31) 2016903434 (32) 29.08.16 (33) AU  
 (43) 08.03.2018  
 (44) 26.03.2020  
 (72) Just, Morrison  
 (74) Spruson & Ferguson

(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital Inc.  
 (11) AU-B-2015274456  
 (21) 2015274456 (22) 11.06.2015  
 (54) Self-assembled residence devices and related methods  
 (51) Int. Cl.  
*A61M 29/04* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (87) WO2015/191925  
 (31) 62/010,992 (32) 11.06.14 (33) US  
 (43) 17.12.2015  
 (44) 26.03.2020  
 (72) Bellinger, Andrew; Zhang, Shiyi; Traverso, Carlo Giovanni; Langer, Robert S.; Mo, Stacy; Lin, Jiaqi; Diccio, Angela; Glettig, Dean Liang; Wood Jr., Lowell L.; Eckhoff, Philip A.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Mederis Diabetes, LLC  
 (11) AU-B-2015266854  
 (21) 2015266854 (22) 28.05.2015  
 (54) Improved peptide pharmaceuticals for insulin resistance  
 (51) Int. Cl.  
*C07K 19/00* ( 2006.01 )  
*A61K 38/26* ( 2006.01 )  
*A61P 31/10* ( 2006.01 )  
*C07K 14/605* ( 2006.01 )  
 (87) WO2015/184177  
 (31) 62/004,156 (32) 28.05.14 (33) US  
 (43) 03.12.2015  
 (44) 26.03.2020  
 (72) Nestor, John J.  
 (74) AJ PARK

(71) Medline Industries, Inc.  
 (11) AU-B-2017210506  
 (21) 2017210506 (22) 01.08.2017  
 (54) PROTECTIVE APPAREL AND SUPPORT APPARATUS  
 (51) Int. Cl.  
*A41D 13/12* ( 2006.01 )  
 (43) 07.09.2017

(44) 26.03.2020  
 (62) 2015252076  
 (72) Czajka Jr., Francis A.; Kutsch, John H.; Lother, Troy; Lackowski, Vince  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Medtrade Products Limited  
 (11) AU-B-2016210992  
 (21) 2016210992 (22) 27.01.2016  
 (54) Composition for a wound dressing  
 (51) Int. Cl.  
*A61L 15/28* ( 2006.01 )  
 (87) WO2016/120621  
 (31) 1501333.7 (32) 27.01.15 (33) GB  
 (43) 04.08.2016  
 (44) 26.03.2020  
 (72) Hoggarth, Andrew; Hardy, Craig  
 (74) Spruson & Ferguson

(71) Medtrade Products Limited  
 (11) AU-B-2016210993  
 (21) 2016210993 (22) 27.01.2016  
 (54) Composition for a wound dressing  
 (51) Int. Cl.  
*A61L 15/28* ( 2006.01 )  
*A61L 15/42* ( 2006.01 )  
*A61L 15/46* ( 2006.01 )  
 (87) WO2016/120622  
 (31) 1501334.5 (32) 27.01.15 (33) GB  
 (43) 04.08.2016  
 (44) 26.03.2020  
 (72) Hoggarth, Andrew; Hardy, Craig  
 (74) Spruson & Ferguson

(71) Merck Patent GmbH  
 (11) AU-B-2016239270  
 (21) 2016239270 (22) 31.03.2016  
 (54) Imidazolonyl quinolines and use thereof as ATM kinase inhibitors  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/4375* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2016/155884  
 (31) 15000968.6 (32) 02.04.15 (33) EP  
 (43) 06.10.2016  
 (44) 26.03.2020  
 (72) Fuchss, Thomas; Schiemann, Kai  
 (74) Griffith Hack

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2015274708  
 (21) 2015274708 (22) 10.06.2015  
 (54) Rule-based video importance analysis  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
 (87) WO2015/191650  
 (31) 14/303,466 (32) 12.06.14 (33) US  
 (43) 17.12.2015  
 (44) 26.03.2020  
 (72) Suri, Nitin; Wang, Tzong-Jhy; Mehendale, Omkar; Ivory, Andrew S.; Sproule, William D.  
 (74) Davies Collison Cave Pty Ltd

(71) Monsanto Technology LLC  
 (11) AU-B-2016312603  
 (21) 2016312603 (22) 25.08.2016  
 (54) Novel insect inhibitory proteins  
 (51) Int. Cl.  
*A01N 63/60* ( 2020.01 )  
*A61K 35/742* ( 2015.01 )  
*C07K 14/325* ( 2006.01 )  
*C12N 15/32* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2017/035364  
 (31) 62/210,737 (32) 27.08.15 (33) US  
 (43) 02.03.2017  
 (44) 26.03.2020  
 (72) Bowen, David J.; Chay, Catherine A.; Ciche, Todd A.; Kesanapalli, Uma R.; Lutke, Jennifer L.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) MorphoTrust USA, LLC  
 (11) AU-B-2014308610  
 (21) 2014308610 (22) 22.08.2014  
 (54) System and method for identity management  
 (51) Int. Cl.  
*G06F 21/31* ( 2013.01 )  
*H04L 9/32* ( 2006.01 )  
 (87) WO2015/027216  
 (31) 62/011,699 (32) 13.06.14 (33) US  
 61/869,176 23.08.13 US  
 61/930,884 23.01.14 US  
 61/879,390 18.09.13 US  
 (43) 26.02.2015  
 (44) 26.03.2020  
 (72) Bouse, Margaret; Miu, Stephen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Myriad Genetics, Inc.  
 (11) AU-B-2014248007  
 (21) 2014248007 (22) 04.04.2014  
 (54) Methods and materials for assessing homologous recombination deficiency  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*G01N 33/15* ( 2006.01 )  
 (87) WO2014/165785  
 (31) 61/913,762 (32) 09.12.13 (33) US  
 61/809,105 05.04.13 US  
 (43) 09.10.2014  
 (44) 26.03.2020  
 (72) Abkevich, Victor; Timms, Kirsten; Gutin, Alexander  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

NantCell, Inc. see Etubics Corporation  
 (21) 2017268822

Nant Holdings IP, LLC see Etubics Corporation  
 (21) 2017268822

Nant Holdings IP, LLC see Nantomics, LLC  
 (21) 2018201019

Applications Accepted - Name Index cont'd

(71) Nantomics, LLC; Nant Holdings IP, LLC  
 (11) AU-B-2018201019  
 (21) 2018201019 (22) 12.02.2018  
 (54) Systems and methods for comprehensive analysis of molecular profiles across multiple tumor and germline exomes  
 (51) Int. Cl.  
**G16H 50/20** ( 2018.01 )  
 (43) 01.03.2018  
 (44) 26.03.2020  
 (62) 2015266612  
 (72) SANBORN, John Zachary; VASKE, Charles Joseph; BENZ, Stephen Charles; RABIZADEH, Shahrooz; SOON-SHIONG, Patrick  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) NapiFeryn BioTech Sp. zo.o  
 (11) AU-B-2015361292  
 (21) 2015361292 (22) 11.12.2015  
 (54) Mild fractionation of functional isolates derived from grains and oilseeds  
 (51) Int. Cl.  
**A23J 1/00** ( 2006.01 )  
**A23J 1/14** ( 2006.01 )  
**A23J 3/16** ( 2006.01 )  
 (87) WO2016/093698  
 (31) 2013960 (32) 11.12.14 (33) NL  
 (43) 16.06.2016  
 (44) 26.03.2020  
 (72) Wnukowski, Piotr; Kozłowska, Magdalena  
 (74) James & Wells Intellectual Property

(71) NEC Corporation  
 (11) AU-B-2017340733  
 (21) 2017340733 (22) 02.10.2017  
 (54) COMMUNICATION DEVICE, COMMUNICATION METHOD, COMMUNICATION SYSTEM, AND COMMUNICATION PROGRAM  
 (51) Int. Cl.  
**H04L 9/16** ( 2006.01 )  
**H04L 9/14** ( 2006.01 )  
 (87) WO2018/066509  
 (31) 2016-195775 (32) 03.10.16 (33) JP  
 (43) 12.04.2018  
 (44) 26.03.2020  
 (72) Ono, Masakazu  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Nemaska Lithium Inc.  
 (11) AU-B-2018204540  
 (21) 2018204540 (22) 22.06.2018  
 (54) PROCESSES FOR PREPARING LITHIUM CARBONATE  
 (51) Int. Cl.  
**C01D 15/08** ( 2006.01 )  
**B01D 61/42** ( 2006.01 )  
**C25B 1/10** ( 2006.01 )  
 (43) 19.07.2018  
 (44) 26.03.2020  
 (62) 2014339705  
 (72) MACKIE, Stephen Charles; GLADKOVAS, Mykolas; SYMONS,

Peter; GENDERS, J. David; MAGNAN, Jean-Fran#ois; CLAYTON, Genevi#eve; BOURASSA, Guy; PEARSE, Gary  
 (74) Baldwins Intellectual Property

(71) Netflix, Inc.  
 (11) AU-B-2017229995  
 (21) 2017229995 (22) 10.03.2017  
 (54) Perspective correction for curved display screens  
 (51) Int. Cl.  
**G09G 3/00** ( 2006.01 )  
**H04N 17/00** ( 2006.01 )  
 (87) WO2017/156465  
 (31) 62/306,577 (32) 10.03.16 (33) US  
 15/097,055 12.04.16 US  
 (43) 14.09.2017  
 (44) 26.03.2020  
 (72) Russell, Michael  
 (74) FPA Patent Attorneys Pty Ltd

(71) New Zealand Steel Limited  
 (11) AU-B-2017279719  
 (21) 2017279719 (22) 21.12.2017  
 (54) HOLLOW SECTION STRUCTURAL MEMBER  
 (51) Int. Cl.  
**E04C 3/30** ( 2006.01 )  
 (43) 25.01.2018  
 (44) 26.03.2020  
 (62) 2014200899  
 (72) CLEMENTS, NICHOLAS ALEXANDER STEPHEN  
 (74) Griffith Hack

(71) Nottingham University Hospitals NHS Trust  
 (11) AU-B-2015287435  
 (21) 2015287435 (22) 03.07.2015  
 (54) Magnetic resonance imaging methods for the study of gastrointestinal transit  
 (51) Int. Cl.  
**A61B 5/055** ( 2006.01 )  
**A61K 49/18** ( 2006.01 )  
**G01R 33/56** ( 2006.01 )  
 (87) WO2016/005731  
 (31) 1412040.6 (32) 07.07.14 (33) GB  
 (43) 14.01.2016  
 (44) 26.03.2020  
 (72) Marciani, Luca; Harris, Roy; Hoard, Caroline Louise; Gowland, Penelope Anne; Perkins, Alan Christopher; Fox, Mark Robert; Spiller, Robin Charles  
 (74) WRAYS PTY LTD

(71) Novacyte Therapeutics Company.,LTD  
 (11) AU-B-2017273871  
 (21) 2017273871 (22) 02.06.2017  
 (54) Polymer linkers and their uses  
 (51) Int. Cl.  
**C08F 265/02** ( 2006.01 )  
 (87) WO2017/210566  
 (31) 62/345,557 (32) 03.06.16 (33) US  
 (43) 07.12.2017  
 (44) 26.03.2020  
 (72) Sun, Binyuan  
 (74) FB Rice Pty Ltd

(71) Novelis Inc.  
 (11) AU-B-2016344192  
 (21) 2016344192 (22) 28.10.2016  
 (54) High strength 7xxx aluminum alloys and methods of making the same  
 (51) Int. Cl.  
**C22C 21/10** ( 2006.01 )  
**C22F 1/053** ( 2006.01 )  
 (87) WO2017/075319  
 (31) 62/326,858 (32) 25.04.16 (33) US  
 62/248,796 30.10.15 US  
 (43) 04.05.2017  
 (44) 26.03.2020  
 (72) Kamat, Rajeev G.; Chakrabarti, Dhruva J.; Mohanty, Rashmi Ranjan; Kulkarni, Rahul Vilas; Bendzinski, Duane E.; Timm, Juer-gen  
 (74) Davies Collison Cave Pty Ltd

(71) Noxopharm Limited  
 (11) AU-B-2016401508  
 (21) 2016401508 (22) 28.07.2016  
 (54) Improvements in cancer treatment  
 (51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 9/02** ( 2006.01 )  
**A61K 31/382** ( 2006.01 )  
**A61K 31/473** ( 2006.01 )  
**A61K 47/44** ( 2006.01 )  
**A61K 47/46** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2017/173474  
 (31) 62/318,946 (32) 06.04.16 (33) US  
 (43) 12.10.2017  
 (44) 26.03.2020  
 (72) Kelly, Graham  
 (74) FPA Patent Attorneys Pty Ltd

(71) NTT DoCoMo, Inc.  
 (11) AU-B-2016283374  
 (21) 2016283374 (22) 24.06.2016  
 (54) User terminal, wireless base station, and wireless communication method  
 (51) Int. Cl.  
**H04W 28/04** ( 2009.01 )  
**H04L 1/16** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
 (87) WO2016/208726  
 (31) 2015-128735 (32) 26.06.15 (33) JP  
 (43) 29.12.2016  
 (44) 26.03.2020  
 (72) Takeda, Kazuki; Harada, Hiroki; Nagata, Satoshi; Uchino, Tooru  
 (74) Spruson & Ferguson

(71) ObsEva S.A.  
 (11) AU-B-2014364962  
 (21) 2014364962 (22) 15.12.2014  
 (54) Oral formulations of pyrrolidine derivatives  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
 (87) WO2015/091365  
 (31) 13197606.0 (32) 17.12.13 (33) EP  
 (43) 25.06.2015

Applications Accepted - Name Index cont'd

- (44) 26.03.2020  
 (72) Chollet, Andre; Pohl, Olivier  
 (74) Collison & Co
- 
- (71) Omeros Corporation; University of Leicester  
 (11) AU-B-2018200437  
 (21) 2018200437 (22) 19.01.2018  
 (54) Methods for treating conditions associated with MASP-2 dependent complement activation  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )
- (43) 08.02.2018  
 (44) 26.03.2020  
 (62) 2016200531  
 (72) Demopulos, Gregory A.; Dudler, Tom; Schwaeble, Hans-Wilhelm  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Omeros Corporation; University of Leicester  
 (11) AU-B-2018200721  
 (21) 2018200721 (22) 31.01.2018  
 (54) Compositions and methods of inhibiting MASP-1, MASP-2 and/or MASP-3 for treatment of paroxysmal nocturnal hemoglobinuria  
 (51) Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )
- (43) 22.02.2018  
 (44) 26.03.2020  
 (62) 2013267909  
 (72) Schwaeble, Hans-Wilhelm; Demopulos, Gregory A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Opentable Inc.  
 (11) AU-B-2014367165  
 (21) 2014367165 (22) 12.11.2014  
 (54) Mobile payments integrated with a booking system  
 (51) Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 50/12** ( 2012.01 )
- (87) WO2015/094522  
 (31) 155/KOL/2014 (32) 06.02.14 (33) IN  
 14/186,120 21.02.14 US  
 1437/KOL/2013 19.12.13 IN
- (43) 25.06.2015  
 (44) 26.03.2020  
 (72) Angrish, Rohan; Deshpande, Rishi; Deorah, Kashyap; Pandita, Tapan; Mandrawadkar, Ulhas; Krity, Keshav; Dalsania, Sanjay; Kumar, Abhay; Arthurs, Dave  
 (74) RnB IP Pty Ltd
- 
- (71) Optibiotix Limited  
 (11) AU-B-2015341572  
 (21) 2015341572 (22) 05.11.2015  
 (54) Composition  
 (51) Int. Cl.

- A23L 29/20** ( 2016.01 )  
**A23C 9/123** ( 2006.01 )  
**A23C 9/154** ( 2006.01 )  
**A23L 29/244** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/16** ( 2016.01 )  
**A23L 33/20** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61K 31/736** ( 2006.01 )
- (87) WO2016/071693  
 (31) 1502355.9 (32) 12.02.15 (33) GB  
 PCT/ 05.11.14 GB  
 GB2014/053288
- (43) 12.05.2016  
 (44) 26.03.2020  
 (72) O'Hara, Stephen Patrick  
 (74) Spruson & Ferguson
- 
- (71) Orthotaxy  
 (11) AU-B-2017372744  
 (21) 2017372744 (22) 25.10.2017  
 (54) Surgical system for cutting an anatomical structure according to at least one target plane  
 (51) Int. Cl.  
**A61B 17/15** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**A61B 34/30** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
**A61B 90/11** ( 2016.01 )  
**B25J 9/00** ( 2006.01 )
- (87) WO2018/103945  
 (31) 16306645.9 (32) 08.12.16 (33) EP  
 (43) 14.06.2018  
 (44) 26.03.2020  
 (72) Lavallee, Stéphane; Demanget, Nicolas; Collet, Hervé; Girardeau-Montaut, Daniel; Chabanas, Laurence; Urvoy, François  
 (74) Spruson & Ferguson
- 
- (71) Oxular Limited  
 (11) AU-B-2015316709  
 (21) 2015316709 (22) 18.09.2015  
 (54) Ophthalmic delivery device  
 (51) Int. Cl.  
**A61M 5/20** ( 2006.01 )  
**A61F 9/00** ( 2006.01 )
- (87) WO2016/042162  
 (31) 62/052,952 (32) 19.09.14 (33) US  
 (43) 24.03.2016  
 (44) 26.03.2020  
 (72) Yamamoto, Ronald K.; Conston, Stanley R.  
 (74) FB Rice Pty Ltd
- 
- (71) Pavmed Inc.  
 (11) AU-B-2015355062  
 (21) 2015355062 (22) 01.12.2015  
 (54) Self-anchoring catheters and methods of use  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )
- (87) WO2016/089894  
 (31) 62/085,838 (32) 01.12.14 (33) US  
 (43) 09.06.2016

- (44) 26.03.2020  
 (72) Aklog, Lishan; Deguzman, Brian J.  
 (74) Shelston IP Pty Ltd.
- 
- (71) Performance Materials NA, Inc.  
 (11) AU-B-2018229543  
 (21) 2018229543 (22) 14.09.2018  
 (54) TRANSLUCENT WHITE POLYMER COMPOSITION AND ITS USE IN GLASS LAMINATES AND OTHER ARTICLES  
 (51) Int. Cl.  
**C08L 33/00** ( 2006.01 )
- (43) 04.10.2018  
 (44) 26.03.2020  
 (62) 2016259299  
 (72) HANSEN, Steven M.; SMITH, Rebecca L.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Pharmacyclics LLC  
 (11) AU-B-2014339815  
 (21) 2014339815 (22) 24.10.2014  
 (54) Methods of treating and preventing graft versus host disease  
 (51) Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )
- (87) WO2015/061751  
 (31) 61/895,981 (32) 25.10.13 (33) US  
 61/973,176 31.03.14 US  
 61/910,945 02.12.13 US  
 61/973,173 31.03.14 US
- (43) 30.04.2015  
 (44) 26.03.2020  
 (72) Miklos, David; Byrd, John C.; Dubovsky, Jason A.; Muthusamy, Natarajan; Johnson, Amy Jo  
 (74) Spruson & Ferguson
- 
- Pharmacyclics LLC see Regents of the University of Minnesota**  
 (21) 2014360758

- (71) Pharnext  
 (11) AU-B-2015220717  
 (21) 2015220717 (22) 23.02.2015  
 (54) New compositions for treating mechanical neuronal injuries  
 (51) Int. Cl.  
**A61K 31/047** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61K 31/485** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )
- (87) WO2015/124763  
 (31) 14/187,841 (32) 24.02.14 (33) US  
 (43) 27.08.2015  
 (44) 26.03.2020  
 (72) Cohen, Daniel; Nabirochkin, Serguei; Chumakov, Ilya  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Phenox GmbH  
 (11) AU-B-2016227624  
 (21) 2016227624 (22) 04.03.2016  
 (54) Implant insertion system

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**A61F 2/966** ( 2013.01 )  
**A61F 2/82** ( 2006.01 )  
**A61F 2/90** ( 2006.01 )  
(87) WO2016/139357  
(31) 10 2015 103 240.6 (32) 05.03.15 (33) DE  
(43) 09.09.2016  
(44) 26.03.2020  
(72) Henkes, Hans; Monstadt, Hermann;  
Hannes, Ralf; Rolla, Stefan; Salin, Manuel  
(74) Spruson & Ferguson

(71) Philip Morris Products S.A.  
(11) AU-B-2018253829  
(21) 2018253829 (22) 15.03.2018  
(54) Aerosol-generating system with overheat-  
ing prevention  
(51) Int. Cl.  
**A24F 47/00** ( 2006.01 )  
(87) WO2018/192722  
(31) 17166852.8 (32) 18.04.17 (33) EP  
(43) 25.10.2018  
(44) 26.03.2020  
(72) Colotte, Guillaume; Bilat, Stephane  
(74) Spruson & Ferguson

(71) Pixium Vision  
(11) AU-B-2014274232  
(21) 2014274232 (22) 28.05.2014  
(54) Smart prosthesis for facilitating artificial  
vision using scene abstraction  
(51) Int. Cl.  
**G06T 1/00** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
(87) WO2014/193990  
(31) 61/828,124 (32) 28.05.13 (33) US  
(43) 04.12.2014  
(44) 26.03.2020  
(72) Chichilnisky, Eduardo-Jose; Greschner,  
Martin; Jepson, Lauren  
(74) Shelston IP Pty Ltd.

(71) Poulton Technologies Limited  
(11) AU-B-2019201581  
(21) 2019201581 (22) 07.03.2019  
(54) Pipe connector  
(51) Int. Cl.  
**F16L 19/075** ( 2006.01 )  
**F16L 21/00** ( 2006.01 )  
**F16L 21/04** ( 2006.01 )  
**F16L 37/14** ( 2006.01 )  
(43) 28.03.2019  
(44) 26.03.2020  
(62) 2014320147  
(72) GOESS-SAURAU, Konrad; COPLE-  
STONE, Rodney  
(74) Griffith Hack

(71) PPG Industries Ohio, Inc.  
(11) AU-B-2017379878  
(21) 2017379878 (22) 20.12.2017  
(54) Plastic substrate adhesion promoter with  
random copolymer  
(51) Int. Cl.  
**C08F 220/18** ( 2006.01 )  
**C09D 133/08** ( 2006.01 )

**C09J 133/08** ( 2006.01 )  
(87) WO2018/119089  
(31) 15/386,361 (32) 21.12.16 (33) US  
(43) 28.06.2018  
(44) 26.03.2020  
(72) Wang, Wei; Hui, Chinming; Deng, Lan;  
Thomas, Stephen John; Ziegler, Terri L.;  
Janoski Sr., Richard A.  
(74) MINTER ELLISON

(71) Precision Planting LLC  
(11) AU-B-2018200214  
(21) 2018200214 (22) 10.01.2018  
(54) Systems, methods and apparatus for multi-  
row agricultural implement control and  
monitoring  
(51) Int. Cl.  
**A01C 7/18** ( 2006.01 )  
(43) 01.02.2018  
(44) 26.03.2020  
(62) 2013295763  
(72) BAURER, Phil; SAUDER, Tim;  
STOLLER, Jason; SAUDER, Derek;  
HODEL, Jeremy  
(74) Spruson & Ferguson

(71) PressCise AB  
(11) AU-B-2016236123  
(21) 2016236123 (22) 24.03.2016  
(54) A bandage securing device  
(51) Int. Cl.  
**A61F 15/00** ( 2006.01 )  
**A61F 13/00** ( 2006.01 )  
(87) WO2016/153421  
(31) 1550354-3 (32) 25.03.15 (33) SE  
(43) 29.09.2016  
(44) 26.03.2020  
(72) Lundh, Torbjörn; Vasilis, Jonatan; Damm,  
Josefin  
(74) WRAYS PTY LTD

(71) Pride Mobility Products Corp.  
(11) AU-B-2016229024  
(21) 2016229024 (22) 10.03.2016  
(54) Lift chair control device  
(51) Int. Cl.  
**A47C 3/18** ( 2006.01 )  
**A61G 5/04** ( 2006.01 )  
**A61G 5/14** ( 2006.01 )  
(87) WO2016/145160  
(31) 62/130,681 (32) 10.03.15 (33) US  
(43) 15.09.2016  
(44) 26.03.2020  
(72) Davies, Robert Williams; Shoemaker, Brett  
Alan  
(74) FPA Patent Attorneys Pty Ltd

(71) PureWick Corporation  
(11) AU-B-2017378729  
(21) 2017378729 (22) 14.12.2017  
(54) Micro-climate-manged skin care, including  
wound care  
(51) Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61G 7/057** ( 2006.01 )

**A61M 27/00** ( 2006.01 )  
(87) WO2018/118619  
(31) 15/384,196 (32) 19.12.16 (33) US  
(43) 28.06.2018  
(44) 26.03.2020  
(72) Newton, Camille Rose  
(74) Spruson & Ferguson

(71) Qualcomm Incorporated  
(11) AU-B-2016320902  
(21) 2016320902 (22) 09.09.2016  
(54) Improved colour remapping information  
supplemental enhancement information  
message processing  
(51) Int. Cl.  
**H04N 19/70** ( 2014.01 )  
(87) WO2017/044740  
(31) 62/216,254 (32) 09.09.15 (33) US  
15/260,148 08.09.16 US  
(43) 16.03.2017  
(44) 26.03.2020  
(72) Ramasubramonian, Adarsh Krishnan;  
Rusanovskyy, Dmytro; Lee, Sungwon; Sole  
Rojals, Joel; Bugdayci Sansli, Done; Kar-  
czewicz, Marta  
(74) Madderms Pty Ltd

(71) Regents of the University of Minnesota;  
Pharmacyclics LLC  
(11) AU-B-2014360758  
(21) 2014360758 (22) 02.12.2014  
(54) Methods of treating and preventing al-  
loantibody driven chronic graft versus host  
disease  
(51) Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
(87) WO2015/084857  
(31) 61/973,178 (32) 31.03.14 (33) US  
61/910,944 02.12.13 US  
(43) 11.06.2015  
(44) 26.03.2020  
(72) Blazar, Bruce R.; Flynn, Ryan  
(74) Spruson & Ferguson

(71) Regents of the University of Minnesota  
(11) AU-B-2017272168  
(21) 2017272168 (22) 05.12.2017  
(54) DECELLULARIZATION AND RECEL-  
LULARIZATION OF ORGANS AND  
TISSUES  
(51) Int. Cl.  
**A61M 1/10** ( 2006.01 )  
(43) 21.12.2017  
(44) 26.03.2020  
(62) 2015224503  
(72) Ott, Harald; Taylor, Doris  
(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Regreen Technologies, Inc.  
(11) AU-B-2016388325  
(21) 2016388325 (22) 29.08.2016  
(54) Apparatus for thermal treatment of organic  
waste

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**F26B 3/20** ( 2006.01 )  
**F26B 17/20** ( 2006.01 )  
(87) WO2017/127137  
(31) 15/001,091 (32) 19.01.16 (33) US  
(43) 27.07.2017  
(44) 26.03.2020  
(72) Mardikian, Albert  
(74) Cotters Patent & Trade Mark Attorneys

(71) Regreen Technologies, Inc.  
(11) AU-B-2016393244  
(21) 2016393244 (22) 10.09.2016  
(54) Apparatus for pressing and dehydrating of waste  
(51) Int. Cl.  
**F26B 17/00** ( 2006.01 )  
**F26B 17/18** ( 2006.01 )  
**F26B 17/20** ( 2006.01 )  
(87) WO2017/142592  
(31) 15/048,513 (32) 19.02.16 (33) US  
(43) 24.08.2017  
(44) 26.03.2020  
(72) Mardikian, Albert  
(74) Cotters Patent & Trade Mark Attorneys

(71) Research Triangle Institute  
(11) AU-B-2018203770  
(21) 2018203770 (22) 29.05.2018  
(54) REGENERABLE SOLVENT MIXTURES FOR ACID-GAS SEPARATION  
(51) Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**B01D 53/40** ( 2006.01 )  
**B01D 53/48** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01D 53/96** ( 2006.01 )  
(43) 21.06.2018  
(44) 26.03.2020  
(62) 2013225757  
(72) Coleman, Luke; Lail, Marty  
(74) Spruson & Ferguson

(71) Revivicor, Inc.  
(11) AU-B-2018203351  
(21) 2018203351 (22) 14.05.2018  
(54) Multi-transgenic pigs for diabetes treatment  
(51) Int. Cl.  
**A61K 35/39** ( 2006.01 )  
**A01K 67/027** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
(43) 31.05.2018  
(44) 26.03.2020  
(62) 2016204067  
(72) Ayares, David  
(74) FPA Patent Attorneys Pty Ltd

**Rohm and Haas Company see Dow Global Technologies LLC**  
(21) 2018206714

(71) Royal Melbourne Institute of Technology  
(11) AU-B-2014336971  
(21) 2014336971 (22) 30.09.2014  
(54) Piezoelectric actuation platform

(51) Int. Cl.  
**H01L 41/18** ( 2006.01 )  
**H01L 41/27** ( 2013.01 )  
**H03H 3/02** ( 2006.01 )  
(87) WO2015/054742  
(31) 2013903999 (32) 17.10.13 (33) AU  
(43) 23.04.2015  
(44) 26.03.2020  
(72) Rezk, Amgad; Yeo, Leslie; Friend, James  
(74) Watermark Intellectual Property Pty Ltd

(71) Ruentex Engineering & Construction Co., Ltd.  
(11) AU-B-2018222984  
(21) 2018222984 (22) 30.08.2018  
(54) Apparatus and method for manufacturing a helical stirrup  
(51) Int. Cl.  
**B21F 27/10** ( 2006.01 )  
**B21F 27/12** ( 2006.01 )  
**B21F 31/00** ( 2006.01 )  
**E02D 5/34** ( 2006.01 )  
**E04C 5/06** ( 2006.01 )  
(31) 107100322 (32) 04.01.18 (33) TW  
(43) 18.07.2019  
(44) 26.03.2020  
(72) Yin, Samuel; Huang, Po-Chuan  
(74) Watermark Intellectual Property Pty Ltd

(71) SAAB AB  
(11) AU-B-2014414121  
(21) 2014414121 (22) 19.12.2014  
(54) Pivot axle arrangement  
(51) Int. Cl.  
**H01Q 1/08** ( 2006.01 )  
**F16C 11/04** ( 2006.01 )  
**H01Q 1/32** ( 2006.01 )  
(87) WO2016/099366  
(43) 23.06.2016  
(44) 26.03.2020  
(72) Cedertorn, Daniel; Östberg, Johan  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Samsung Electronics Co., Ltd.  
(11) AU-B-2015368014  
(21) 2015368014 (22) 22.12.2015  
(54) VACUUM CLEANER AND CONTROL METHOD FOR THE SAME  
(51) Int. Cl.  
**A47L 9/00** ( 2006.01 )  
(87) WO2016/105076  
(31) 10-2014-0190408 (32) 26.12.14 (33) KR  
(43) 30.06.2016  
(44) 26.03.2020  
(72) Kim, Dong Wook; Kwon, Ki Hwan; Yoon, Jin Wook; Ha, Dong Woo; Hong, Seok Man  
(74) Phillips Ormonde Fitzpatrick

(71) Samyang Biopharmaceuticals Corporation  
(11) AU-B-2017377761  
(21) 2017377761 (22) 10.08.2017  
(54) Porous microparticles of biodegradable polymer, and polymer filler comprising same  
(51) Int. Cl.

**C08J 3/12** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61L 27/18** ( 2006.01 )  
**B01J 13/02** ( 2006.01 )  
**C08L 67/04** ( 2006.01 )  
**C08L 101/16** ( 2006.01 )  
(87) WO2018/110792  
(31) 10-2017-0099514 (32) 07.08.17 (33) KR  
10-2016-0169309 13.12.16 KR  
(43) 21.06.2018  
(44) 26.03.2020  
(72) Kim, Jin Su; Shin, Wang Soo; Park, Na Jeong; Koh, Young Joo; Kim, Jun Bae  
(74) Spruson & Ferguson

**Sangamo Therapeutics, Inc. see CHDI Foundation, Inc.**  
(21) 2015255877

(71) Schwarze Industries, Inc.  
(11) AU-B-2018251900  
(21) 2018251900 (22) 13.04.2018  
(54) Roadway sweeper with multiple sweeping modes  
(51) Int. Cl.  
**E01H 1/00** ( 2006.01 )  
**E01H 1/02** ( 2006.01 )  
**E01H 1/04** ( 2006.01 )  
**E01H 1/05** ( 2006.01 )  
**E01H 1/08** ( 2006.01 )  
(87) WO2018/191621  
(31) 62/485,879 (32) 14.04.17 (33) US  
62/503,923 09.05.17 US  
62/505,973 14.05.17 US  
(43) 18.10.2018  
(44) 26.03.2020  
(72) Glubrecht, Dale D.; Giles, Brian; Crunk III, Felix W.; Schrimsher, Ronald J.; Howley, Sean H.; Berke, Jared N.; Madderra, John D.  
(74) Watermark Intellectual Property Pty Ltd

(71) SDS Biotech K.K.; Idemitsu Kosan Co., Ltd.  
(11) AU-B-2014335393  
(21) 2014335393 (22) 14.10.2014  
(54) Novel microorganism and use thereof  
(51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A01G 7/00** ( 2006.01 )  
(87) WO2015/056666  
(31) 2013-216834 (32) 17.10.13 (33) JP  
(43) 23.04.2015  
(44) 26.03.2020  
(72) Inai, Koji; Tanaka, Motoki; Amaki, Yusuke  
(74) FB Rice Pty Ltd

(71) Shandong University of Science and Technology  
(11) AU-B-2016231638  
(21) 2016231638 (22) 23.09.2016  
(54) A type of high pressure resistant borehole sealing device and method  
(51) Int. Cl.  
**E21B 33/13** ( 2006.01 )  
(31) 201610015413.6 (32) 11.01.16 (33) CN  
(43) 27.07.2017

Applications Accepted - Name Index cont'd

- (44) 26.03.2020  
 (72) Cheng, Weimin; Ni, Guanhua; Wang, Gang; Liu, Zhen; Yu, Yanbin  
 (74) Shelston IP Pty Ltd.
- 
- (71) Shanton Pharma Co., Ltd.  
 (11) AU-B-2016212625  
 (21) 2016212625 (22) 28.01.2016  
 (54) Prevention or treatment of uric acid or gout disease  
 (51) Int. Cl.  
*C07D 473/06* ( 2006.01 )  
*A61K 31/522* ( 2006.01 )  
*A61P 13/04* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 19/06* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 473/08* ( 2006.01 )  
 (87) WO2016/119570  
 (31) 201510079809.2 (32) 13.02.15 (33) CN  
 201510048096.3 30.01.15 CN  
 201510080714.2 13.02.15 CN  
 201510216089.X 30.04.15 CN  
 (43) 04.08.2016  
 (44) 26.03.2020  
 (72) Zhang, Qian; Huang, Zhenhua; Liu, Jinrong; Chi, Shuangshuang  
 (74) Shelston IP Pty Ltd.
- 
- (71) SharkNinja Operating LLC  
 (11) AU-B-2015385762  
 (21) 2015385762 (22) 30.10.2015  
 (54) Food processor system  
 (51) Int. Cl.  
*A47J 45/02* ( 2006.01 )  
*A47J 43/07* ( 2006.01 )  
 (87) WO2016/144393  
 (31) 62/129,493 (32) 06.03.15 (33) US  
 (43) 15.09.2016  
 (44) 26.03.2020  
 (72) Potter, Daniel Stephen  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Shell Internationale Research Maatschappij B.V.  
 (11) AU-B-2017291185  
 (21) 2017291185 (22) 27.06.2017  
 (54) Apparatus and process for purifying syngas  
 (51) Int. Cl.  
*B01J 19/32* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
*B01D 53/58* ( 2006.01 )  
*C10K 1/00* ( 2006.01 )  
*C10K 1/02* ( 2006.01 )  
*C10K 1/10* ( 2006.01 )  
 (87) WO2018/001991  
 (31) 16176628.2 (32) 28.06.16 (33) EP  
 (43) 04.01.2018  
 (44) 26.03.2020  
 (72) Rewagad, Rohit Ramesh; Bouma, Jelle Sipke  
 (74) Spruson & Ferguson
- 
- (71) Siemens Aktiengesellschaft  
 (11) AU-B-2016413470  
 (21) 2016413470 (22) 27.06.2016

- (54) An inorganic fiber reinforced gas separator for electrochemical conversion processes  
 (51) Int. Cl.  
*C25B 13/08* ( 2006.01 )  
*C25B 1/10* ( 2006.01 )  
*H01M 8/1048* ( 2016.01 )  
 (87) WO2018/001448  
 (43) 04.01.2018  
 (44) 26.03.2020  
 (72) Hansen, Martin Kalmar; Therkildsen, Kasper Tipsmark  
 (74) Spruson & Ferguson
- 
- (71) Siemens Aktiengesellschaft  
 (11) AU-B-2017219691  
 (21) 2017219691 (22) 10.02.2017  
 (54) Method and equipment for combustion of ammonia  
 (51) Int. Cl.  
*F23C 6/04* ( 2006.01 )  
*F02C 3/00* ( 2006.01 )  
*F23C 9/06* ( 2006.01 )  
 (87) WO2017/140595  
 (31) 1602617.1 (32) 15.02.16 (33) GB  
 (43) 24.08.2017  
 (44) 26.03.2020  
 (72) Bulat, Ghenadie; Hughes, Timothy; May, Jonathan; Wilkinson, Ian  
 (74) Spruson & Ferguson
- 
- (71) Siemens Aktiengesellschaft  
 (11) AU-B-2017271220  
 (21) 2017271220 (22) 21.04.2017  
 (54) Subsea uninterruptible power supply  
 (51) Int. Cl.  
*H01M 8/18* ( 2006.01 )  
*H01M 8/20* ( 2006.01 )  
*H01M 10/38* ( 2006.01 )  
 (87) WO2017/202553  
 (31) 16170949.8 (32) 24.05.16 (33) EP  
 (43) 30.11.2017  
 (44) 26.03.2020  
 (72) Aarskog, Fredrik Gundersen  
 (74) Spruson & Ferguson
- 
- (71) Siemens Industry, Inc.  
 (11) AU-B-2017312718  
 (21) 2017312718 (22) 25.04.2017  
 (54) System and method for testing a building control system that controls and monitors environmental conditions in a building  
 (51) Int. Cl.  
*G05B 15/02* ( 2006.01 )  
*G05B 23/02* ( 2006.01 )  
 (87) WO2018/034708  
 (31) 15/241,876 (32) 19.08.16 (33) US  
 (43) 22.02.2018  
 (44) 26.03.2020  
 (72) Ryan, Douglas; Hendrix Jr., John A.; Schuler, Michael S.; Walker, Chad Jason  
 (74) Spruson & Ferguson
- 
- (71) Sirna Therapeutics, Inc.  
 (11) AU-B-2018223027  
 (21) 2018223027 (22) 31.08.2018

- (54) Post-synthetic orthogonal amidation plus metal catalyzed azide-alkyne cycloaddition click chemistry on siRNA  
 (51) Int. Cl.  
*A61K 31/712* ( 2006.01 )  
 (43) 20.09.2018  
 (44) 26.03.2020  
 (62) 2013361605  
 (72) ZEWGE, Daniel; COPELAND, Gregory T.; LI, Zhen; ARMSTRONG III, Joseph, D.  
 (74) Griffith Hack
- 
- (71) Smart Medical Systems Ltd.  
 (11) AU-B-2015294857  
 (21) 2015294857 (22) 23.07.2015  
 (54) Controlled furling balloon assembly  
 (51) Int. Cl.  
*A61M 25/10* ( 2006.01 )  
 (87) WO2016/016883  
 (31) 61/999,457 (32) 28.07.14 (33) US  
 (43) 04.02.2016  
 (44) 26.03.2020  
 (72) Terliuc, Gad; Luria, Gilad  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Snowflake Inc.  
 (11) AU-B-2015219106  
 (21) 2015219106 (22) 18.02.2015  
 (54) Caching systems and methods  
 (51) Int. Cl.  
*G06F 12/00* ( 2006.01 )  
 (87) WO2015/126962  
 (31) 14/518,971 (32) 20.10.14 (33) US  
 61/941,986 19.02.14 US  
 (43) 27.08.2015  
 (44) 26.03.2020  
 (72) Dageville, Benoit; Cruanes, Thierry; Zukowski, Marcin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Softbank Robotics Europe  
 (11) AU-B-2017230784  
 (21) 2017230784 (22) 07.03.2017  
 (54) Data communication bus for a robot  
 (51) Int. Cl.  
*G05B 19/418* ( 2006.01 )  
 (87) WO2017/153384  
 (31) 16305255.8 (32) 07.03.16 (33) EP  
 (43) 14.09.2017  
 (44) 26.03.2020  
 (72) Smal, Ludovic; Serre, Julien  
 (74) FB Rice Pty Ltd
- 
- (71) Solenis Technologies, L.P.  
 (11) AU-B-2015308492  
 (21) 2015308492 (22) 26.08.2015  
 (54) Powdery water-soluble cationic polymer composition  
 (51) Int. Cl.  
*C02F 1/56* ( 2006.01 )  
*C08L 33/00* ( 2006.01 )  
*C08L 39/00* ( 2006.01 )  
*C08L 51/00* ( 2006.01 )  
*D21H 17/46* ( 2006.01 )  
 (87) WO2016/030407  
 (31) 14182775.8 (32) 29.08.14 (33) EP  
 (43) 03.03.2016

Applications Accepted - Name Index cont'd

(44) 26.03.2020  
 (72) Bierganns, Patric; Brocher, Markus  
 (74) Spruson & Ferguson

(71) Sone Farm Co., Ltd.  
 (11) AU-B-2018281512  
 (21) 2018281512 (22) 28.05.2018  
 (54) Extracellular polysaccharide of lactic acid bacteria and use thereof  
 (51) Int. Cl.  
 C12P 19/04 ( 2006.01 )  
 A23K 20/163 ( 2016.01 )  
 A23L 33/125 ( 2016.01 )  
 A61K 8/73 ( 2006.01 )  
 A61K 31/715 ( 2006.01 )  
 A61P 37/08 ( 2006.01 )  
 C08B 37/00 ( 2006.01 )  
 C12P 19/28 ( 2006.01 )  
 B01D 15/36 ( 2006.01 )  
 C12N 1/20 ( 2006.01 )

(87) WO2018/225557  
 (31) 2017-114172 (32) 09.06.17 (33) JP  
 (43) 13.12.2018  
 (44) 26.03.2020  
 (72) Sugiyama, Masanori  
 (74) Watermark Intellectual Property Pty Ltd

(71) Sorrento Therapeutics, Inc.  
 (11) AU-B-2018202465  
 (21) 2018202465 (22) 06.04.2018  
 (54) Antigen binding proteins that bind PD-L1  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )

(43) 26.04.2018  
 (44) 26.03.2020  
 (62) 2013267161  
 (72) ZHOU, Heyue; GASTWIRT, Randy;  
 SWANSON, Barbara A.; GRAY, John Dixon;  
 KAUFMANN, Gunnar F.  
 (74) FB Rice Pty Ltd

(71) SpecGX LLC  
 (11) AU-B-2016268344  
 (21) 2016268344 (22) 25.05.2016  
 (54) Preparation of sufentanil citrate and sufentanil base  
 (51) Int. Cl.  
 C07D 401/06 ( 2006.01 )  
 A61K 31/4535 ( 2006.01 )  
 C07D 409/06 ( 2006.01 )

(87) WO2016/191472  
 (31) 62/166,911 (32) 27.05.15 (33) US  
 (43) 01.12.2016  
 (44) 26.03.2020  
 (72) Klemm, George Helmut; Orr, Brian; Mc-Clenaghan, Joel  
 (74) Phillips Ormonde Fitzpatrick

(71) SunPower Corporation  
 (11) AU-B-2018201664  
 (21) 2018201664 (22) 07.03.2018  
 (54) Photovoltaic cell and laminate metallization  
 (51) Int. Cl.  
 H01L 31/18 ( 2006.01 )  
 (43) 29.03.2018

(44) 26.03.2020  
 (62) 2014303149  
 (72) HARLEY, Gabriel  
 (74) Spruson & Ferguson

(71) Surgique, Inc.  
 (11) AU-B-2015333641  
 (21) 2015333641 (22) 14.10.2015  
 (54) Branching multi-lumen tube set for laparoscopic surgical procedures involving smoke evacuation  
 (51) Int. Cl.  
 A61B 17/34 ( 2006.01 )  
 A61M 13/00 ( 2006.01 )  
 (87) WO2016/061191  
 (31) 14/514,857 (32) 15.10.14 (33) US  
 (43) 21.04.2016  
 (44) 26.03.2020  
 (72) Mastri, Dominick; Blier, Kenneth  
 (74) FB Rice Pty Ltd

(71) Susavion Biosciences, Inc.  
 (11) AU-B-2015364559  
 (21) 2015364559 (22) 17.12.2015  
 (54) Immunotherapy treatments and compositions  
 (51) Int. Cl.  
 A61K 38/00 ( 2006.01 )  
 (87) WO2016/100679  
 (31) 62/094,944 (32) 19.12.14 (33) US  
 (43) 23.06.2016  
 (44) 26.03.2020  
 (72) Eggink, Laura L.; Hooper, J. Kenneth  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Syntho Biopharmaceuticals B.V.  
 (11) AU-B-2015261768  
 (21) 2015261768 (22) 22.05.2015  
 (54) Site-specific conjugation of linker drugs to antibodies and resulting ADCs  
 (51) Int. Cl.  
 A61K 47/50 ( 2017.01 )  
 (87) WO2015/177360  
 (31) 14169493.5 (32) 22.05.14 (33) EP  
 (43) 26.11.2015  
 (44) 26.03.2020  
 (72) Ariaans, Gerardus Joseph Andreas; Coumans, Rudy Gerardus Elisabeth  
 (74) Shelston IP Pty Ltd.

(71) TAOLight Company Limited  
 (11) AU-B-2014404171  
 (21) 2014404171 (22) 22.08.2014  
 (54) LED illumination device and method  
 (51) Int. Cl.  
 F21S 2/00 ( 2006.01 )  
 F21S 8/00 ( 2006.01 )  
 F21V 19/00 ( 2006.01 )  
 (87) WO2016/026153  
 (43) 25.02.2016  
 (44) 26.03.2020  
 (72) Li, Huahui; Wang, Jiezhao; Zhao, Yingying; Delalande, Bertrand; Couthouis, Bruno; Leroy, Jean-Eudes; Wu, Libo  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Tarveda Therapeutics, Inc.  
 (11) AU-B-2018204037  
 (21) 2018204037 (22) 07.06.2018  
 (54) Targeted conjugates and particles and formulations thereof  
 (51) Int. Cl.  
 A61K 9/14 ( 2006.01 )  
 A61K 51/00 ( 2006.01 )  
 (43) 21.06.2018  
 (44) 26.03.2020  
 (62) 2015284236  
 (72) ALARGOVA, Rossitza G.; BILODEAU, Mark T.; DUNBAR, Craig A.; KADIYALA, Sudhakar; SHINDE, Rajesh R.; LIM SOO, Patrick; SWERYDA-KRAWIEC, Beata; WHITE, Brian H.; BAZINET, Patrick Rosaire; WOOSTER, Richard  
 (74) Griffith Hack

(71) Tata Consultancy Services Limited  
 (11) AU-B-2016367532  
 (21) 2016367532 (22) 12.12.2016  
 (54) Devices and methods for non-invasive monitoring of substance in a body  
 (51) Int. Cl.  
 A61B 5/083 ( 2006.01 )  
 A61B 5/097 ( 2006.01 )  
 A61B 5/145 ( 2006.01 )  
 G01N 33/497 ( 2006.01 )  
 (87) WO2017/098485  
 (31) 4655/MUM/2015 (32) 10.12.15 (33) IN  
 (43) 15.06.2017  
 (44) 26.03.2020  
 (72) Kimbahune, Sanjay Madhukar; Kopparapu, Sunil Kumar; Ghouse, Syed Mohammad; Doke, Pankaj Harish  
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Tata Consultancy Services Limited  
 (11) AU-B-2018201670  
 (21) 2018201670 (22) 07.03.2018  
 (54) BILSTM-SIAMESE NETWORK BASED CLASSIFIER FOR IDENTIFYING TARGET CLASS OF QUERIES AND PROVIDING RESPONSES THEREOF  
 (51) Int. Cl.  
 G06N 5/00 ( 2006.01 )  
 G06F 40/00 ( 2020.01 )  
 G06Q 10/10 ( 2012.01 )  
 (31) 201721032101 (32) 11.09.17 (33) IN  
 (43) 28.03.2019  
 (44) 26.03.2020  
 (72) AGARWAL, Puneet; KHURANA, Prerna; SHROFF, Gautam; VIG, Lovekesh; SRINIVASAN, Ashwin  
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Tata Consultancy Services Limited  
 (11) AU-B-2018201883  
 (21) 2018201883 (22) 16.03.2018  
 (54) SYSTEMS AND METHODS FOR INCLUSIVE CAPTCHA  
 (51) Int. Cl.  
 G06F 21/36 ( 2013.01 )  
 G06N 99/00 ( 2010.01 )  
 (31) 201721025362 (32) 17.07.17 (33) IN

Applications Accepted - Name Index cont'd

(43) 31.01.2019  
 (44) 26.03.2020  
 (72) JADHAV, Charudatta; AGRAWAL, Sumeet; PALADUGU, Madhu Priyatam Venkata  
 (74) James & Wells Intellectual Property

(71) Tersus Pharmaceuticals, LLC  
 (11) AU-B-2015269353  
 (21) 2015269353 (22) 04.06.2015  
 (54) Methods of treating chronic dry eye disease using C16:1n7 palmitoleate and derivatives thereof  
 (51) Int. Cl.  
**A61K 31/231** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
 (87) WO2015/187997  
 (31) 62/008,489 (32) 05.06.14 (33) US 62/007,782 04.06.14 US  
 (43) 10.12.2015  
 (44) 26.03.2020  
 (72) O'Haimhirgin, Lochlainn  
 (74) Davies Collison Cave Pty Ltd

(71) The Ames Companies, Inc.  
 (11) AU-B-2015268692  
 (21) 2015268692 (22) 14.12.2015  
 (54) Self-watering planter  
 (51) Int. Cl.  
**A01G 27/06** ( 2006.01 )  
**A01G 27/04** ( 2006.01 )  
 (31) 14/596,521 (32) 14.01.15 (33) US  
 (43) 28.07.2016  
 (44) 26.03.2020  
 (72) Hung, Chun Wai; Guillory, Patrick; Walesh, Patricia  
 (74) Davies Collison Cave Pty Ltd

The Brigham and Women's Hospital Inc. see Massachusetts Institute of Technology  
 (21) 2015274456

(71) The Chemours Company FC, LLC  
 (11) AU-B-2016291719  
 (21) 2016291719 (22) 12.07.2016  
 (54) Method for removing nitriles from hydrocyanide  
 (51) Int. Cl.  
**C01C 3/02** ( 2006.01 )  
 (87) WO2017/011428  
 (31) 62/192,108 (32) 14.07.15 (33) US  
 (43) 19.01.2017  
 (44) 26.03.2020  
 (72) Parten, William David; Dixon, Randall O.; Bowford, Monique; Maxwell, Gary R.; Grise, Steven Lamar  
 (74) Houlihan<sup>2</sup> Pty Ltd

The Coca-Cola Company see Changchun Meihe Science and Technology Development Co., Ltd  
 (21) 2015320134

(71) The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.  
 (11) AU-B-2018203170  
 (21) 2018203170 (22) 07.05.2018  
 (54) Multimeric Fusion Protein Vaccine And Immunotherapeutic  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/02** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61K 39/21** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
 (43) 24.05.2018  
 (44) 26.03.2020  
 (62) 2013295647  
 (72) Mond, James J.; Snapper, Clifford M.; Cui, Xinle  
 (74) WRAYS PTY LTD

(71) The Lubrizol Corporation  
 (11) AU-B-2016250002  
 (21) 2016250002 (22) 12.04.2016  
 (54) Additive compositions for drilling fluids and methods for their use  
 (51) Int. Cl.  
**C09K 8/32** ( 2006.01 )  
 (87) WO2016/168177  
 (31) 62/148,234 (32) 16.04.15 (33) US  
 (43) 20.10.2016  
 (44) 26.03.2020  
 (72) Mettath, Sashikumar; Chang, Zen-Yu  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Université de Liège; Centre Hospitalier Universitaire de Liège  
 (11) AU-B-2015346277  
 (21) 2015346277 (22) 12.11.2015  
 (54) Treatment of hormonal disorders of growth  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**A61P 5/06** ( 2006.01 )  
 (87) WO2016/077620  
 (31) 62/078,517 (32) 12.11.14 (33) US  
 (43) 19.05.2016  
 (44) 26.03.2020  
 (72) Beckers, Albert; Daly, Adrian Francis; Fauz, Fabio Rueda; Stratakis, Constantine A.; Trivellin, Giampaolo  
 (74) Spruson & Ferguson

(71) Third Pole, Inc.  
 (11) AU-B-2020201511  
 (21) 2020201511 (22) 28.02.2020  
 (54) Systems And Methods For Ambulatory Generation Of Nitric Oxide  
 (51) Int. Cl.  
**C01B 21/32** ( 2006.01 )  
**A61M 16/10** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )  
 (43) 19.03.2020  
 (44) 26.03.2020  
 (62) 2018224329  
 (72) ZAPOL, David G.; HALL, Gregory W.; SCHOLZ, Wolfgang; APOLLONIO, Ben-

jamin; HEIRTZLER, Frank; FERENCZ, Andrew  
 (74) WRAYS PTY LTD

---

(71) Tionesta, LLC  
 (11) AU-B-2018358937  
 (21) 2018358937 (22) 29.10.2018  
 (54) Method and system for monitoring a mobile asset  
 (51) Int. Cl.  
**H04W 4/70** ( 2018.01 )  
**G01S 5/02** ( 2010.01 )  
**G01S 19/13** ( 2010.01 )  
**H04B 17/27** ( 2015.01 )  
**H04B 17/318** ( 2015.01 )  
**H04B 17/364** ( 2015.01 )  
**H04L 12/26** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**H04W 4/02** ( 2018.01 )  
**H04W 56/00** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )  
 (87) WO2019/089462  
 (31) 15/799,299 (32) 31.10.17 (33) US  
 (43) 09.05.2019  
 (44) 26.03.2020  
 (72) Struhsaker, Paul; Cianos, Nicholas; Li, Chenchen Jimmy  
 (74) Spruson & Ferguson

(71) Torrent Pharmaceuticals Limited  
 (11) AU-B-2016245418  
 (21) 2016245418 (22) 05.04.2016  
 (54) Novel pyridinium compounds  
 (51) Int. Cl.  
**C07D 409/06** ( 2006.01 )  
**A61K 31/4436** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07C 53/126** ( 2006.01 )  
 (87) WO2016/162785  
 (31) 1473/MUM/2015 (32) 08.04.15 (33) IN  
 (43) 13.10.2016  
 (44) 26.03.2020  
 (72) Dutt, Chaitanya; Gupta, Rameshchandra; Patel, Manish; Abraham, Jaya; Mishra, Vivek; Kesarwani, Amit; Deshpande, Shailesh; Zambad, shital kumar; Mathur, Anoop; Kotecha, Jignesh; Latad, Sachin; Chaudhari, Anita  
 (74) Griffith Hack

(71) Toyota Jidosha Kabushiki Kaisha  
 (11) AU-B-2018253558  
 (21) 2018253558 (22) 25.10.2018  
 (54) Vehicle  
 (51) Int. Cl.  
**B60R 7/04** ( 2006.01 )  
**B60J 5/04** ( 2006.01 )  
**B60N 3/10** ( 2006.01 )  
**B60R 11/00** ( 2006.01 )  
 (31) 2017-209221 (32) 30.10.17 (33) JP  
 (43) 16.05.2019  
 (44) 26.03.2020  
 (72) QIU, Zekai; KITAOKA, Hironobu; YAMAMURO, Naoki; KOSHO, Kozo; SUGIYAMA, Hiroaki; IKEGAMI, Makoto  
 (74) Spruson & Ferguson



Applications Accepted - Name Index cont'd

Université de Liège see The United States of America, as represented by The Secretary, Department of Health and Human Services  
(21) 2015346277

University of Leicester see Omeros Corporation  
(21) 2018200437

University of Leicester see Omeros Corporation  
(21) 2018200721

(71) University of Maryland, Baltimore  
(11) AU-B-2015342867  
(21) 2015342867 (22) 06.11.2015  
(54) CD8alpha and T cell receptor variants and methods of using same in modulating immune cell responses  
(51) Int. Cl.  
C07K 14/705 ( 2006.01 )  
C07K 16/46 ( 2006.01 )  
C12N 15/62 ( 2006.01 )  
(87) WO2016/073875  
(31) 62/076,120 (32) 06.11.14 (33) US  
62/130,092 09.03.15 US  
(43) 12.05.2016  
(44) 26.03.2020  
(72) Davila, Eduardo  
(74) Shelston IP Pty Ltd.

(71) Upwire Pty Ltd  
(11) AU-B-2016222286  
(21) 2016222286 (22) 18.02.2016  
(54) Managing the generation of text messages  
(51) Int. Cl.  
H04L 29/00 ( 2006.01 )  
G06F 15/00 ( 2006.01 )  
H04L 12/00 ( 2006.01 )  
(87) WO2016/131106  
(31) 2015900556 (32) 18.02.15 (33) AU  
2015904827 23.11.15 AU  
(43) 25.08.2016  
(44) 26.03.2020  
(72) Brophy, Ben; Berkinshaw, Shane  
(74) FB Rice Pty Ltd

(71) Vale S.A.  
(11) AU-B-2015202368  
(21) 2015202368 (22) 05.05.2015  
(54) Method and system for quality control in gamma-gamma data during mineral exploration  
(51) Int. Cl.  
G01V 5/04 ( 2006.01 )  
E21B 41/00 ( 2006.01 )  
E21B 47/00 ( 2012.01 )  
E21B 49/00 ( 2006.01 )  
(31) 61/988,810 (32) 05.05.14 (33) US  
14/701,180 30.04.15 US  
(43) 19.11.2015  
(44) 26.03.2020  
(72) Pereira, Wanderson Roberto; Carlos, Dionisio Uendro  
(74) Spruson & Ferguson

(71) Vallaurix Pte. Ltd.  
(11) AU-B-2016255690  
(21) 2016255690 (22) 28.04.2016  
(54) Pharmaceutical compound  
(51) Int. Cl.  
C07K 14/685 ( 2006.01 )  
(87) WO2016/174610  
(31) 15165537.0 (32) 28.04.15 (33) EP  
(43) 03.11.2016  
(44) 26.03.2020  
(72) Wolgen, Philippe; Callens, Roland  
(74) Watermark Intellectual Property Pty Ltd

(71) Van Der Merwe, M.  
(11) AU-B-2016213999  
(21) 2016213999 (22) 05.02.2016  
(54) Mounting of an object  
(51) Int. Cl.  
F16B 1/00 ( 2006.01 )  
A47B 96/06 ( 2006.01 )  
A47F 5/08 ( 2006.01 )  
F16B 5/00 ( 2006.01 )  
F16B 7/22 ( 2006.01 )  
(87) WO2016/125113  
(31) 2015/00842 (32) 05.02.15 (33) ZA  
2015/06805 14.09.15 ZA  
(43) 11.08.2016  
(44) 26.03.2020  
(72) Van Der Merwe, Morne  
(74) WRAYS PTY LTD

(71) Vasdeblock Medical ApS  
(11) AU-B-2016260925  
(21) 2016260925 (22) 12.05.2016  
(54) Occlusion device for reversible occlusion of a biological tube  
(51) Int. Cl.  
A61F 6/20 ( 2006.01 )  
(87) WO2016/180426  
(31) 15167312.6 (32) 12.05.15 (33) EP  
(43) 17.11.2016  
(44) 26.03.2020  
(72) Lindeburg, Niels  
(74) WRAYS PTY LTD

(71) Vasopharm GmbH  
(11) AU-B-2015239736  
(21) 2015239736 (22) 30.03.2015  
(54) Solid pharmaceutical compositions comprising biopterin derivatives and uses of such compositions  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 9/19 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
A61K 47/02 ( 2006.01 )  
A61P 9/10 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
(87) WO2015/150294  
(31) 14162727.3 (32) 31.03.14 (33) EP  
(43) 08.10.2015  
(44) 26.03.2020  
(72) Scheurer, Peter; Tegtmeyer, Frank; Schinzel, Reinhard  
(74) Spruson & Ferguson

(71) VoiceAge Corporation  
(11) AU-B-2014391078  
(21) 2014391078 (22) 25.07.2014  
(54) Methods, encoder and decoder for linear predictive encoding and decoding of sound signals upon transition between frames having different sampling rates  
(51) Int. Cl.  
G10L 19/12 ( 2006.01 )  
G10L 19/06 ( 2006.01 )  
G10L 19/26 ( 2013.01 )  
(87) WO2015/157843  
(31) 61/980,865 (32) 17.04.14 (33) US  
(43) 22.10.2015  
(44) 26.03.2020  
(72) Salami, Redwan; Eksler, Vaclav  
(74) IP SOLVED (ANZ) PTY. LTD.

(71) W. L. Gore & Associates, Inc.  
(11) AU-B-2017326087  
(21) 2017326087 (22) 12.09.2017  
(54) Staged deployment of expandable implant  
(51) Int. Cl.  
A61F 2/954 ( 2013.01 )  
A61F 2/966 ( 2013.01 )  
A61F 2/97 ( 2013.01 )  
(87) WO2018/052878  
(31) 62/394,858 (32) 15.09.16 (33) US  
(43) 22.03.2018  
(44) 26.03.2020  
(72) Byrne, Austin A.; Norris, Patrick M.  
(74) Griffith Hack

(71) Well Stone Co.  
(11) AU-B-2015207191  
(21) 2015207191 (22) 13.01.2015  
(54) Catecholamine production accelerator, and therapeutic and preventive agent and therapeutic and preventive food composition for diseases caused by catecholamine deficiency  
(51) Int. Cl.  
A61K 35/56 ( 2006.01 )  
A61P 25/16 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
A61P 43/00 ( 2006.01 )  
(87) WO2015/108014  
(31) 2014-007845 (32) 20.01.14 (33) JP  
(43) 23.07.2015  
(44) 26.03.2020  
(72) Ishii, Yoichi; Nemoto, Takayuki; Okamoto, Takeshi  
(74) Griffith Hack

(71) Welltec Oilfield Solutions AG  
(11) AU-B-2017272797  
(21) 2017272797 (22) 01.06.2017  
(54) Downhole power supply device  
(51) Int. Cl.  
E21B 41/00 ( 2006.01 )  
(87) WO2017/207732  
(31) 16172602.1 (32) 02.06.16 (33) EP  
(43) 07.12.2017  
(44) 26.03.2020  
(72) Nesgaard, Carsten  
(74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

- (71) ZS Pharma, Inc.
- (11) AU-B-2014346576
- (21) 2014346576 (22) 07.11.2014
- (54) Microporous zirconium silicate for the treatment of hyperkalemia
- (51) Int. Cl.
  - A61K 9/14 ( 2006.01 )
  - A61K 33/24 ( 2006.01 )
  - B01J 39/14 ( 2006.01 )
  - C07F 7/02 ( 2006.01 )
- (87) WO2015/070019
- (31) 62/015,215 (32) 20.06.14 (33) US
  - 62/053,732 22.09.14 US
  - 61/914,354 10.12.13 US
  - 61/930,328 22.01.14 US
  - 61/930,336 22.01.14 US
  - 62/005,484 30.05.14 US
  - 61/901,886 08.11.13 US
- (43) 14.05.2015
- (44) 26.03.2020
- (72) Keyser, Donald Jeffrey; Guillem, Alvaro F.
- (74) Phillips Ormonde Fitzpatrick

Numerical Index

<b>2014244116</b>	Alnylam Pharmaceuticals, Inc.	<b>2015313928</b>	De Ridder, D.
<b>2014247083</b>	Immunovia AB	<b>2015314992</b>	Fracture ID, Inc.
<b>2014248007</b>	Myriad Genetics, Inc.	<b>2015316165</b>	Hendon Semiconductors Pty Ltd
<b>2014252706</b>	Digital (ID) Entity Limited	<b>2015316606</b>	EZE Shoring (Halifax) Limited
<b>2014259459</b>	Koninklijke Philips N.V.	<b>2015316709</b>	Oxular Limited
<b>2014274232</b>	Pixium Vision	<b>2015317099</b>	Koninklijke Philips N.V.
<b>2014284560</b>	Illumina, Inc.	<b>2015320134</b>	Changchun Meihe Science and Technology Development Co., Ltd; The Coca-Cola Company
<b>2014308610</b>	MorphoTrust USA, LLC		Ethicon LLC
<b>2014324884</b>	Cytomx Therapeutics, Inc.	<b>2015321822</b>	Expro Petrotech AS
<b>2014335393</b>	SDS Biotech K.K.; Idemitsu Kosan Co., Ltd.	<b>2015324684</b>	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven
<b>2014336971</b>	Royal Melbourne Institute of Technology	<b>2015326930</b>	
<b>2014339815</b>	Pharmacyclics LLC		Surgiquest, Inc.
<b>2014342254</b>	Beth Israel Deaconess Medical Center; Georgia State University Research Foundation Inc.	<b>2015333641</b>	Atrin Pharmaceuticals LLC
		<b>2015333738</b>	Eni S.p.A.
<b>2014346576</b>	ZS Pharma, Inc.	<b>2015334525</b>	Klox Technologies Inc.
<b>2014360758</b>	Regents of the University of Minnesota; Pharmacyclics LLC	<b>2015337786</b>	Optibiotix Limited
<b>2014363944</b>	Allakos Inc.	<b>2015341572</b>	Alpinestars Research Srl
<b>2014364962</b>	ObsEva S.A.	<b>2015341929</b>	University of Maryland, Baltimore
<b>2014367165</b>	Opentable Inc.	<b>2015342867</b>	Casale SA
<b>2014367369</b>	Instytut Biologii Doswiadczalnej im. M. Nenckiego Polskiej Akademii Nauk	<b>2015345542</b>	The United States of America, as represented by The Secretary, Department of Health and Human Services; Université de Liège; Centre Hospitalier Universitaire de Liège
		<b>2015346277</b>	Bermad CS Ltd.
<b>2014368768</b>	Akzo Nobel Chemicals International B.V.		Davies, C.
<b>2014375301</b>	Chiesi Farmaceutici S.p.A.	<b>2015346970</b>	Pavmed Inc.
<b>2014391078</b>	VoiceAge Corporation	<b>2015354406</b>	NapiFeryn BioTech Sp. zo.o
<b>2014401105</b>	Knauf Gips KG	<b>2015355062</b>	Susavion Biosciences, Inc.
<b>2014404171</b>	TAOLight Company Limited	<b>2015361292</b>	Samsung Electronics Co., Ltd.
<b>2014407862</b>	Cellix Bio Private Limited	<b>2015368014</b>	BASF SE
<b>2014414121</b>	SAAB AB	<b>2015370455</b>	Asahi Group Holdings, Ltd.
<b>2015200452</b>	Krohne AG	<b>2015376023</b>	Honeywell International Inc.
<b>2015202368</b>	Vale S.A.	<b>2015385701</b>	SharkNinja Operating LLC
<b>2015204192</b>	Iron Therapeutics Holdings AG	<b>2015385762</b>	Halliburton Energy Services, Inc.
<b>2015207191</b>	Well Stone Co.	<b>2015405776</b>	FARAH & SONS PTY LIMITED
<b>2015207965</b>	Jura Elektroapparate AG	<b>2016201187</b>	Animal Health International, Inc.
<b>2015211492</b>	3d-Radar AS	<b>2016201815</b>	Covidien LP
<b>2015219106</b>	Snowflake Inc.	<b>2016202115</b>	Medtrade Products Limited
<b>2015220717</b>	Pharnext	<b>2016210992</b>	Medtrade Products Limited
<b>2015229790</b>	Evoqua Water Technologies LLC	<b>2016210993</b>	Shanton Pharma Co., Ltd.
<b>2015236736</b>	Gudpod Corp.	<b>2016212625</b>	Van Der Merwe, M.
<b>2015237956</b>	Imeasureu Limited	<b>2016213999</b>	Laminar Medica Limited
<b>2015239736</b>	Vasopharm GmbH	<b>2016214162</b>	Lamello AG
<b>2015247375</b>	Ab Initio Technology LLC	<b>2016218106</b>	Casale SA
<b>2015247859</b>	Amicus Therapeutics, Inc.	<b>2016222007</b>	Upwire Pty Ltd
<b>2015250913</b>	Bayer Aktiengesellschaft	<b>2016222286</b>	Joy Global Surface Mining Inc
<b>2015254717</b>	Gako International GmbH	<b>2016222775</b>	Phenox GmbH
<b>2015255614</b>	andmetics GmbH	<b>2016227624</b>	Pride Mobility Products Corp.
<b>2015255877</b>	CHDI Foundation, Inc.; Sangamo Therapeutics, Inc.	<b>2016229024</b>	Shandong University of Science and Technology
<b>2015261768</b>	Synthon Biopharmaceuticals B.V.	<b>2016231638</b>	Bayer CropScience Aktiengesellschaft
<b>2015264243</b>	B.G. Negev Technologies and Applications Ltd.; Children's Hospital Medical Center	<b>2016232316</b>	Boston Scientific Scimed, Inc.
		<b>2016235822</b>	PressCise AB
<b>2015266854</b>	Mederis Diabetes, LLC	<b>2016236123</b>	Merck Patent GmbH
<b>2015268692</b>	The Ames Companies, Inc.	<b>2016239270</b>	Biomet C.V.
<b>2015269353</b>	Tersus Pharmaceuticals, LLC	<b>2016243847</b>	Torrent Pharmaceuticals Limited
<b>2015270508</b>	Hamilton Medical AG	<b>2016245418</b>	The Lubrizol Corporation
<b>2015274456</b>	Massachusetts Institute of Technology; The Brigham and Women's Hospital Inc.	<b>2016250002</b>	Ferno-Washington, Inc.
		<b>2016250559</b>	Vallaurix Pte. Ltd.
<b>2015274708</b>	Microsoft Technology Licensing, LLC	<b>2016255690</b>	Cryovac, LLC
<b>2015287435</b>	Nottingham University Hospitals NHS Trust	<b>2016256231</b>	Caterpillar Inc.
<b>2015289035</b>	Everbright Pharmaceuticals S.a.r.l.	<b>2016256689</b>	Graco Minnesota Inc.
<b>2015290119</b>	Aquablok, Ltd.	<b>2016257652</b>	Vasdeblock Medical ApS
<b>2015292700</b>	Ab Initio Technology LLC.	<b>2016260925</b>	Commissariat a l'Energie Atomique et aux Energies Alternatives
<b>2015293890</b>	Areva Mines	<b>2016266881</b>	SpecGX LLC
<b>2015294857</b>	Smart Medical Systems Ltd.		Carter, M.
<b>2015296285</b>	Daly, T.		NTT DoCoMo, Inc.
<b>2015301609</b>	Excelsior Medical Corporation		Centrexion Therapeutics Corporation
<b>2015301712</b>	Baxalta Incorporated	<b>2016268344</b>	
<b>2015306128</b>	Boehringer Ingelheim International GmbH	<b>2016281533</b>	
<b>2015308492</b>	Solenis Technologies, L.P.	<b>2016283374</b>	
<b>2015311370</b>	Lianyungang Jinkang Hexin Pharmaceutical Co., Ltd.	<b>2016287584</b>	

Applications Accepted - Numerical Index cont'd

2016288363	Henkel AG & Co. KGaA	2018201710	ESCO Group LLC
2016289413	Bayer CropScience Aktiengesellschaft	2018201717	Dow AgroSciences LLC
2016290074	Cargill, Incorporated	2018201718	FMC Corporation
2016291719	The Chemours Company FC, LLC	2018201883	Tata Consultancy Services Limited
2016294564	Aquarius Engines (A.M.) Ltd.	2018202465	Sorrento Therapeutics, Inc.
2016295562	I.D.E. Technologies Ltd	2018202589	Cardinal Health Switzerland 515 GmbH
2016301400	Facebook, Inc.	2018202678	Bayer HealthCare LLC
2016312603	Monsanto Technology LLC	2018202852	FNA GROUP, INC.
2016316512	Iturria Avalos, D.	2018202906	Intel Corporation
2016320902	Qualcomm Incorporated	2018202965	Aerie Pharmaceuticals, Inc
2016328274	Digi-Star, LLC	2018203170	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
2016337566	Luigi Lavazza S.p.A.	2018203261	Genzyme Corporation
2016344192	Novelis Inc.	2018203351	Revivicor, Inc.
2016357002	Casio Computer Co., Ltd.	2018203443	Coupe, P.
2016367532	Tata Consultancy Services Limited	2018203758	BASF Agrochemical Products B.V.
2016382954	Dish Technologies L.L.C.	2018203759	BASF Agrochemical Products B.V.
2016388325	Regreen Technologies, Inc.	2018203770	Research Triangle Institute
2016393244	Regreen Technologies, Inc.	2018204037	Tarveda Therapeutics, Inc.
2016401508	Noxopharm Limited	2018204540	Nemaska Lithium Inc.
2016413470	Siemens Aktiengesellschaft	2018205070	ESS-HELP, INC.
2016428734	China University of Mining and Technology	2018206714	Dow Global Technologies LLC; Rohm and Haas Company
2017210506	Medline Industries, Inc.	2018206772	Apple Inc.
2017219691	Siemens Aktiengesellschaft	2018207327	Illinois Tool Works Inc.
2017229995	Netflix, Inc.	2018207329	Illinois Tool Works Inc.
2017230784	Softbank Robotics Europe	2018211017	Booz Allen Hamilton Inc.
2017242919	DSM IP Assets B.V.	2018222955	Gynesonics, Inc.
2017249660	Dupont Nutrition Biosciences ApS	2018222984	Ruentex Engineering & Construction Co., Ltd.
2017251254	IMD Natural Solutions GmbH	2018223027	Sirna Therapeutics, Inc.
2017261473	Ganeden Biotech, Inc.	2018229543	Performance Materials NA, Inc.
2017261849	Commonwealth Scientific and Industrial Research Organisa- tion	2018239251	Cardiac Pacemakers, Inc.
2017262306	LG Electronics Inc.	2018250406	Hi-Tex, Inc.
2017265784	LG Electronics Inc.	2018251900	Schwarze Industries, Inc.
2017268383	Cambridge Sound Management, Inc.	2018253558	Toyota Jidosha Kabushiki Kaisha
2017268822	Eubics Corporation; Nant Holdings IP, LLC; NantCell, Inc.	2018253829	Philip Morris Products S.A.
2017271220	Siemens Aktiengesellschaft	2018260808	Global Blood Therapeutics, Inc.
2017272168	Regents of the University of Minnesota	2018264051	GSW Creative Corporation
2017272797	Welltec Oilfield Solutions AG	2018281512	Sone Farm Co., Ltd.
2017272959	Altesse	2018285445	4D Pharma Research Limited
2017273871	Novacyte Therapeutics Company.,LTD	2018286611	Becton, Dickinson and Company
2017279000	I.D.E. Technologies Ltd	2018301816	L3 Open Water Power, Inc.
2017279719	New Zealand Steel Limited	2018319543	Hobie Cat Company
2017285386	Desalitech Ltd	2018333834	Clean Barrow Pty Ltd
2017291185	Shell Internationale Research Maatschappij B.V.	2018334588	Hoya Lens Thailand Ltd.
2017296074	Light Field Lab, Inc.	2018334589	Hoya Lens Thailand Ltd.
2017304749	Gelliner Limited	2018350897	Alteryx, Inc.
2017312718	Siemens Industry, Inc.	2018358937	Tionesta, LLC
2017320734	ExxonMobil Upstream Research Company	2019200303	LG Electronics Inc.
2017322092	Madad Pty Ltd	2019201050	Electrocore LLC
2017325794	Apple Inc.	2019201581	Poulton Technologies Limited
2017326087	W. L. Gore & Associates, Inc.	2019201980	Accenture Global Solutions Limited
2017339516	Burton, M.	2019202497	BASF Corporation
2017340733	NEC Corporation	2019284093	Adeka Corporation
2017343414	Beijing Dongfang Biotech Co. Ltd.; Beijing Jingyitaixiang Technology Development Co. Ltd.	2020201306	Apple Inc.
2017360374	CHEP Technology Pty Limited	2020201511	Third Pole, Inc.
2017362740	Colgate-Palmolive Company		
2017372744	Orthotaxy		
2017377761	Samyang Biopharmaceuticals Corporation		
2017378729	PureWick Corporation		
2017379878	PPG Industries Ohio, Inc.		
2017442245	Google LLC		
2018200039	DEKA Products Limited Partnership		
2018200214	Precision Planting LLC		
2018200437	Omeros Corporation; University of Leicester		
2018200721	Omeros Corporation; University of Leicester		
2018201019	Nantomics, LLC; Nant Holdings IP, LLC		
2018201132	Acceleron Pharma Inc.		
2018201613	Dow AgroSciences LLC		
2018201634	ESCO Group LLC		
2018201664	SunPower Corporation		
2018201670	Tata Consultancy Services Limited		

IPC Index

<b><u>A01C 7 /-</u></b>	<b><u>A01N 59 /-</u></b>	2015341572 2017249660 2017261473 2018281512 2018285445	2015385762	<b><u>A61F 9 /-</u></b>	2018202465 2018203170 2018203261
2018200214	2015376023		<b><u>A47L 5 /-</u></b>	2015316709	
<b><u>A01D 34 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23L 7 /-</u></b>	2017265784	<b><u>A61G 5 /-</u></b>	<b><u>A61K 47 /-</u></b>
2019200303	2015376023 2016312603 2017251254	2017261473	<b><u>A47L 7 /-</u></b>	2016229024	2015239736 2015261768 2015289035 2016401508
<b><u>A01F 15 /-</u></b>		<b><u>A24F 47 /-</u></b>	2017265784	<b><u>A61G 7 /-</u></b>	
2016201815	<b><u>A01N 65 /-</u></b>	2018253829	<b><u>A47L 9 /-</u></b>	2017378729	<b><u>A61K 48 /-</u></b>
<b><u>A01G 27 /-</u></b>	2018203758	<b><u>A41D 1 /-</u></b>	2015368014 2017262306 2017265784	<b><u>A61K 31 /-</u></b>	2015255877
2015268692	<b><u>A01P 1 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A61B 1 /-</u></b>	2014244116 2014339815 2014360758 2014375301 2014407862 2015204192 2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61K 49 /-</u></b>
<b><u>A01G 7 /-</u></b>	2017251254	2015341929	2018222955	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2014342254 2015287435
2014335393 2015376023	<b><u>A01P 21 /-</u></b>	2017210506	<b><u>A61B 17 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61K 51 /-</u></b>
<b><u>A01H 5 /-</u></b>	2015376023	<b><u>A41F 1 /-</u></b>	2015321822 2015333641 2016202115 2016235822 2016243847 2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2018204037
2018201717	<b><u>A01P 3 /-</u></b>	2015341929	<b><u>A61B 34 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61K 8 /-</u></b>
<b><u>A01K 29 /-</u></b>	2018203759	<b><u>A45C 13 /-</u></b>	2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2014368768 2018281512
2016328274	<b><u>A01P 5 /-</u></b>	2017272959	<b><u>A61B 5 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61K 9 /-</u></b>
<b><u>A01K 61 /-</u></b>	2018203758	<b><u>A45C 3 /-</u></b>	2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2014346576 2014364962 2014375301 2015239736 2015289035 2016401508 2017242919 2017377761 2018204037
2017279000	<b><u>A01P 7 /-</u></b>	2017272959	<b><u>A61B 90 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 15 /-</u></b>
<b><u>A01K 67 /-</u></b>	2018203758	<b><u>A45D 26 /-</u></b>	2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2016210992 2016210993
2018203351	<b><u>A23C 9 /-</u></b>	2015255614	<b><u>A61B 5 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 2 /-</u></b>
<b><u>A01K 79 /-</u></b>	2015341572	<b><u>A47B 96 /-</u></b>	2015237956 2015264243 2015287435 2016328274 2016367532	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2018286611
2017279000	<b><u>A23F 5 /-</u></b>	2016213999	<b><u>A61C 17 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 27 /-</u></b>
<b><u>A01N 25 /-</u></b>	2016337566	<b><u>A47C 23 /-</u></b>	2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2017377761 2018204037
2015354406 2015376023	<b><u>A23G 9 /-</u></b>	2017322092	<b><u>A61B 90 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 15 /-</u></b>
<b><u>A01N 37 /-</u></b>	2016290074	<b><u>A47C 27 /-</u></b>	2016202115 2017372744	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2016210992 2016210993
2018203758 2018203759	<b><u>A23J 1 /-</u></b>	2017322092	<b><u>A61C 17 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 2 /-</u></b>
<b><u>A01N 43 /-</u></b>	2015361292	<b><u>A47C 3 /-</u></b>	2017362740	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2018286611
2016232316 2016289413 2017251254 2018201718 2018203758 2018203759	<b><u>A23J 3 /-</u></b>	2016229024	<b><u>A61C 5 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 27 /-</u></b>
<b><u>A01N 47 /-</u></b>	2015361292	<b><u>A47F 5 /-</u></b>	2017339516	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2017377761
20162289413 2017251254 2018201718 2018203758 2018203759	<b><u>A23K 20 /-</u></b>	2016213999	<b><u>A61F 13 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 31 /-</u></b>
<b><u>A01N 47 /-</u></b>	2018281512	<b><u>A47J 37 /-</u></b>	2016236123 2017378729	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2018286611
2017242919	<b><u>A23L 2 /-</u></b>	2015317099	<b><u>A61F 15 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61M 1 /-</u></b>
2018203758 2018203759	2017242919	<b><u>A47J 42 /-</u></b>	2016236123 2017378729	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2015270508 2017272168 2018200039
<b><u>A01N 51 /-</u></b>	<b><u>A23L 23 /-</u></b>	2015207965	<b><u>A61F 2 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61L 31 /-</u></b>
2018203758 2018203759	2017261473	<b><u>A47J 43 /-</u></b>	2014274232 2016227624 2017326087 2018202589	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61M 11 /-</u></b>
<b><u>A01N 51 /-</u></b>	<b><u>A23L 29 /-</u></b>	2015236736 2015385762	<b><u>A61F 6 /-</u></b>	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2018264051
2018203758	2015341572	<b><u>A47J 45 /-</u></b>	2016260925	2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	<b><u>A61M 13 /-</u></b>
<b><u>A01N 53 /-</u></b>	<b><u>A23L 33 /-</u></b>			2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	2015333641
2018203758				2015220717 2015239736 2015247859 2015269353 2015289035 2015306128 2015311370 2015326930 2015341572 2016212625 2016239270 2016245418 2016268344 2016287584 2016401508 2018202965 2018223027 2018260808 2018281512	

Applications Accepted - IPC Index cont'd

<b><u>A61M 15 /-</u></b>	<b><u>A61P 25 /-</u></b>	<b><u>B01D 24 /-</u></b>	<b><u>B21F 27 /-</u></b>	<b><u>B63H 16 /-</u></b>	<b><u>C02F 103 /-</u></b>
2014375301 2018264051	2014407862 2015207191 2015220717	2017279000	2018222984	2018319543	2017279000
<b><u>A61M 16 /-</u></b>	2015239736 2015247859 2015311370 2018285445	<b><u>B01D 53 /-</u></b>	<b><u>B21F 31 /-</u></b>	<b><u>B65B 29 /-</u></b>	<b><u>C05C 9 /-</u></b>
2015270508 2020201511		2015345542 2017291185 2018203770	2018222984	2016256231	2015370455
<b><u>A61M 25 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B25C 1 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>C05G 3 /-</u></b>
2015294857 2015355062 2018202589 2018222955 2018286611	2015269353 2018202965	2016295562 2017285386 2018204540	2018207327 2018207329	2016256231	2015370455
<b><u>A61M 27 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>B01F 13 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B65D 19 /-</u></b>	<b><u>C07C 219 /-</u></b>
2017378729	2015289035 2015311370 2016212625 2016287584	2015254717	2017372744	2017360374	2015296285
<b><u>A61M 29 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>B01F 15 /-</u></b>	<b><u>B28B 19 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>C07C 271 /-</u></b>
2015274456 2018202589	2016245418 2018203351	2015250913	2014401105	2016214162	2014407862
<b><u>A61M 31 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B01F 7 /-</u></b>	<b><u>B28B 3 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C07C 273 /-</u></b>
2015274456	2015266854 2015326930	2015250913	2014401105	2016214162 2016256231	2015345542
<b><u>A61M 39 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01J 7 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C07C 29 /-</u></b>
2015301609 2018286611	2015306128 2016239270 2016401508 2017343414	2015250913 2017291185	2016357002	2014375301	2015320134
<b><u>A61M 5 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01J 13 /-</u></b>	<b><u>B41M 3 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C07C 31 /-</u></b>
2015316709 2018222955	2014339815 2014360758 2014363944 2015311370 2018281512	2017377761	2016357002	2018203443	2015320134
<b><u>A61N 1 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01J 19 /-</u></b>	<b><u>B41M 5 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C07C 333 /-</u></b>
2015313928 2016266881 2018239251 2019201050	2014360758 2015207191 2015311370	2015250913 2017291185	2016357002	2018203443	2015296285
<b><u>A61N 5 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01J 25 /-</u></b>	<b><u>B60B 37 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C07C 53 /-</u></b>
2015337786 2016266881	2014360758 2015207191 2015311370	2015320134	2016281533	2018333834	2016245418
<b><u>A61P 1 /-</u></b>	<b><u>A61P 5 /-</u></b>	<b><u>B01J 39 /-</u></b>	<b><u>B60J 5 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C07C 69 /-</u></b>
2015204192	2015346277	2014346576	2018253558	2018333834	2014407862
<b><u>A61P 13 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01J 8 /-</u></b>	<b><u>B60N 3 /-</u></b>	<b><u>C01B 21 /-</u></b>	<b><u>C07D 207 /-</u></b>
2016212625	2015311370 2018260808	2016222007	2018253558	2020201511	2018260808
<b><u>A61P 17 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B05B 11 /-</u></b>	<b><u>B60Q 1 /-</u></b>	<b><u>C01B 25 /-</u></b>	<b><u>C07D 209 /-</u></b>
2015311370	2015239736 2015311370	2015354406	2018205070	2015229790	2015326930
<b><u>A61P 19 /-</u></b>	<b><u>A61Q 5 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B60R 11 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07D 211 /-</u></b>
2015311370 2016212625 2018201132	2014368768	2018202852	2016250559 2018253558	2016222007	2018260808
<b><u>A61P 21 /-</u></b>	<b><u>B01D 15 /-</u></b>	<b><u>B05B 7 /-</u></b>	<b><u>B60R 7 /-</u></b>	<b><u>C01C 1 /-</u></b>	<b><u>C07D 213 /-</u></b>
2017249660	2018281512	2015354406	2018253558	2016222007	2016289413
		<b><u>B05B 9 /-</u></b>	<b><u>B62B 1 /-</u></b>	<b><u>C01C 3 /-</u></b>	<b><u>C07D 241 /-</u></b>
		2018202852	2018333834	2016291719	2015333738
		<b><u>B07B 1 /-</u></b>	<b><u>B62B 5 /-</u></b>	<b><u>C01D 15 /-</u></b>	<b><u>C07D 271 /-</u></b>
		2018333834	2018204540	2018204540	2016232316
		<b><u>B08B 3 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 401 /-</u></b>
		2018202852	2015229790 2015308492 2016295562 2017279000 2017285386	2015229790 2015308492 2016295562 2017279000 2017285386	2016268344 2016289413 2018260808
		<b><u>B09B 3 /-</u></b>			
		2015290119			

Applications Accepted - IPC Index cont'd

<b>C07D 405 /-</b>	2018202465 2018203261	<b>C09D 17 /-</b>		<b>E04H 1 /-</b>	2015346970
2016287584		2019202497	<b>C22F 1 /-</b>	2018203443	<b>F16L 19 /-</b>
<b>C07D 409 /-</b>	<b>C07K 19 /-</b>	<b>C09J 133 /-</b>	2016344192		2019201581
2016245418	2015266854	2017379878	<b>C25B 1 /-</b>	<b>E21B 33 /-</b>	<b>F16L 21 /-</b>
2016268344	<b>C08B 37 /-</b>	<b>C09K 11 /-</b>	2016413470 2018204540 2018301816	2015334525 2016231638	2019201581
<b>C07D 417 /-</b>	2018281512	2015337786	<b>C25B 13 /-</b>	<b>E21B 41 /-</b>	<b>F16L 37 /-</b>
2016289413	<b>C08F 10 /-</b>	<b>C09K 8 /-</b>		2015202368 2017272797	2019201581
<b>C07D 471 /-</b>	2019284093	2015405776 2016250002	2016413470	<b>E21B 47 /-</b>	<b>F16M 11 /-</b>
2016239270	<b>C08F 220 /-</b>	<b>C10K 1 /-</b>	2015337786	2015202368 2015314992 2017320734	2018333834
<b>C07D 473 /-</b>	2017379878	2017291185	<b>D06M 15 /-</b>	<b>E21B 49 /-</b>	<b>F21S 2 /-</b>
2016212625	<b>C08F 265 /-</b>	<b>C11D 11 /-</b>	2018250406		2014404171
<b>C07D 475 /-</b>	2017273871	2016288363	<b>D06M 17 /-</b>	2015202368 2015324684	<b>F21S 8 /-</b>
2015311370	<b>C08J 3 /-</b>	2016288363	2018250406	<b>E21D 15 /-</b>	2014404171
<b>C07D 487 /-</b>	2017377761	<b>C11D 17 /-</b>	2015308492	2016428734	<b>F21V 19 /-</b>
2015306128	<b>C08K 5 /-</b>	2016288363	<b>D21H 17 /-</b>	<b>F02B 71 /-</b>	2014404171
<b>C07D 498 /-</b>	2015296285	<b>C12N 1 /-</b>	2015308492	2016294564	<b>F23C 6 /-</b>
2015306128	<b>C08L 101 /-</b>	2014335393 2017261473 2018281512	<b>D21H 19 /-</b>	<b>F02C 3 /-</b>	<b>F23C 9 /-</b>
<b>C07F 7 /-</b>	2017377761	<b>C12N 15 /-</b>	2019202497	2017219691	2017219691
2014346576	<b>C08L 33 /-</b>	2014244116 2015342867 2016312603 2017268822 2017343414 2018200437 2018201132 2018201613 2018201717	<b>E01H 1 /-</b>	<b>F04B 23 /-</b>	<b>F25D 3 /-</b>
<b>C07F 9 /-</b>	2015308492 2018229543	<b>C12N 5 /-</b>	2018251900	2016257652	2016214162
2015296285	<b>C08L 39 /-</b>	2018201613 2018203351	<b>E02B 1 /-</b>	<b>F04B 7 /-</b>	<b>F26B 17 /-</b>
<b>C07H 15 /-</b>	2015308492	<b>C12N 9 /-</b>	2017279000	2016257652	2016388325 2016393244
2017251254	<b>C08L 51 /-</b>	2018201613 2018203351	<b>E02D 17 /-</b>	<b>F04F 13 /-</b>	<b>F26B 3 /-</b>
<b>C07H 21 /-</b>	2015308492	2018201613 2018203351	2015316606	2017285386	2016388325
2015255877 2018201132 2018201717	<b>C08L 67 /-</b>	<b>C12N 9 /-</b>	<b>E02D 5 /-</b>	<b>F16B 1 /-</b>	2016388325
<b>C07K 1 /-</b>	2017377761	2015301712	2018222984	2016213999	<b>G01F 1 /-</b>
2015301712	<b>C08L 95 /-</b>	<b>C12P 19 /-</b>	<b>E02F 3 /-</b>	<b>F16B 13 /-</b>	2015200452
<b>C07K 14 /-</b>	2015296285	2017251254 2018281512	2018201634 2018201710	2016218106	<b>G01J 1 /-</b>
2015266854 2015301712 2015342867 2015346277 2016255690 2016312603 2017268822 2018201132 2018203261	<b>C09B 17 /-</b>	<b>C12P 21 /-</b>	<b>E03B 3 /-</b>	<b>F16B 5 /-</b>	2017261849
2014324884 2014363944 2015342867 2017343414 2018200721 2018201132	2014342254	2018203261	2017279000	2016213999	<b>G01N 1 /-</b>
<b>C09D 133 /-</b>	<b>C09C 1 /-</b>	<b>C12Q 1 /-</b>	<b>E04B 1 /-</b>	<b>F16C 11 /-</b>	2015324684
2017379878	2019202497	2014248007 2014259459 2014284560 2014367369	2018203443	2014414121	2014247083 2014248007 2016367532 2018201132
<b>C09D 167 /-</b>	<b>C09C 3 /-</b>	<b>C22C 21 /-</b>	<b>E04C 3 /-</b>	<b>F16D 3 /-</b>	<b>G01P 15 /-</b>
2018206714	2019202497	2016344192	2017279719	2016256689	2015237956
			<b>E04C 5 /-</b>	<b>F16K 1 /-</b>	<b>G01R 33 /-</b>
			2018222984		

Applications Accepted - IPC Index cont'd

2015200452 2015287435	<b><u>G06F 16 /-</u></b>	2018201634	<b><u>H04L 1 /-</u></b>	<b><u>H05B 39 /-</u></b>
<b><u>G01S 13 /-</u></b>	2015292700	<b><u>G09F 3 /-</u></b>	2016283374	2015316165
2018211017	<b><u>G06F 21 /-</u></b>	2016316512	<b><u>H04L 12 /-</u></b>	<b><u>H05B 45 /-</u></b>
<b><u>G01S 19 /-</u></b>	2014252706	<b><u>G09G 3 /-</u></b>	2016222286	2015316165
2018358937	2014308610	2017229995	2016301400	
	2017442245	2017325794	2018358937	
<b><u>G01S 5 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G10K 11 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2018211017	2018206772	2017268383	2016222286	
2018358937	2019201980	<b><u>G10L 15 /-</u></b>	2016301400	
<b><u>G01T 1 /-</u></b>	<b><u>G06F 40 /-</u></b>	2017442245	2016382954	
2015293890	2018201670	2019201980	2018358937	
<b><u>G01V 3 /-</u></b>	<b><u>G06F 7 /-</u></b>	<b><u>G10L 19 /-</u></b>	<b><u>H04L 9 /-</u></b>	
2015211492	2015292700	2014391078	2014308610	
<b><u>G01V 5 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G16H 50 /-</u></b>	2017340733	
2015202368	2017442245	2018201019	<b><u>H04M 3 /-</u></b>	
<b><u>G01W 1 /-</u></b>	2018350897	2018202678	2016201187	
2017261849	<b><u>G06K 7 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H04N 17 /-</u></b>	
<b><u>G02B 27 /-</u></b>	2018211017	2018201664	2017229995	
2017296074	<b><u>G06K 9 /-</u></b>	<b><u>H01L 41 /-</u></b>	<b><u>H04N 19 /-</u></b>	
<b><u>G02C 7 /-</u></b>	2015274708	2014336971	2016320902	
2018334588	2020201306	<b><u>H01M 10 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2018334589	<b><u>G06N 5 /-</u></b>	2017271220	2016382954	
<b><u>G03H 1 /-</u></b>	2018201670	<b><u>H01M 8 /-</u></b>	<b><u>H04R 1 /-</u></b>	
2017296074	<b><u>G06N 99 /-</u></b>	2016413470	2017268383	
<b><u>G05B 15 /-</u></b>	2018201883	2017271220	<b><u>H04W 28 /-</u></b>	
2017312718	<b><u>G06Q 10 /-</u></b>	<b><u>H01Q 1 /-</u></b>	2016283374	
<b><u>G05B 19 /-</u></b>	2014367165	2014414121	<b><u>H04W 4 /-</u></b>	
2017230784	2018201670	2015211492	2018358937	
<b><u>G05B 23 /-</u></b>	2018206772	<b><u>H01Q 9 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2017312718	2019201980	2015211492	2015385701	
<b><u>G05D 1 /-</u></b>	2014367165	<b><u>H02J 3 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2019200303	2017304749	2016222775	2018358937	
<b><u>G06F 11 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H02K 21 /-</u></b>	<b><u>H04W 68 /-</u></b>	
2015247375	2014367165	2016256689	2018202906	
<b><u>G06F 12 /-</u></b>	2016222775	<b><u>H02S 10 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2015219106	2018201710	2017261849	2016283374	
2018350897	2018206772	<b><u>H03H 3 /-</u></b>	2018202906	
<b><u>G06F 15 /-</u></b>	<b><u>G06T 1 /-</u></b>	2014336971	<b><u>H04W 84 /-</u></b>	
2016201187	2014274232	<b><u>H04B 17 /-</u></b>	2018358937	
2016222286	<b><u>G06T 5 /-</u></b>	2018358937	<b><u>H04W 88 /-</u></b>	
	2014274232		2018202906	
	<b><u>G08B 23 /-</u></b>			



**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

- 
- (71) Apple Inc.  
 (11) AU-B-2019101597  
 (21) 2019101597 (22) 13.12.2019  
 (54) Devices, methods, and graphical user interfaces for system-wide behavior for 3D models  
 (51) Int. Cl.  
*G06F 3/048* ( 2013.01 )  
*G06T 19/00* ( 2011.01 )  
 (45) 26.03.2020  
 (62) 2019101021  
 (72) DASCOLA, Jonathan R.; LEMAY, Stephen O.; FAULKNER, Jeffrey M.; ADDEY, David J.; LUI, David; YERKES, Giancarlo; FORSSELL, Lisa K.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Fuller Family Holdings Pty Ltd  
 (11) AU-B-2019100660  
 (21) 2019100660 (22) 18.06.2019  
 (54) Shelving with a display support strip  
 (51) Int. Cl.  
*A47F 5/08* ( 2006.01 )  
 (31) 2018902492 (32) 09.07.18 (33) AU  
 (45) 26.03.2020  
 (62) 2018204559  
 (72) Fuller, Peter Ronald  
 (74) Intellepro
- 
- (71) Opus RV Pty Ltd  
 (11) AU-B-2017101418  
 (21) 2017101418 (22) 24.10.2017  
 (54) Inflatable Vehicle Roof Tent and Annexe  
 (51) Int. Cl.  
*B60P 3/345* ( 2006.01 )  
*E04H 15/06* ( 2006.01 )  
 (31) 2017902530 (32) 29.06.17 (33) AU  
 (45) 26.03.2020  
 (72) Hill, Malcolm; Harrison, Jonathan; Hawkins, Ben; Dodd, Jason; Liu, Ben  
 (74) Arceo IP
- 
- (71) Schneider Electric (Australia) Pty Limited  
 (11) AU-B-2019100722  
 (21) 2019100722 (22) 02.07.2019  
 (54) COMPONENT, METHOD AND SYSTEM FOR ELECTRICAL CONNECTION SYSTEM  
 (51) Int. Cl.  
*H05K 7/00* ( 2006.01 )  
 (45) 26.03.2020  
 (62) 2015275232  
 (72) de Man, Gerrit; Reuter, Mark  
 (74) Madderns Pty Ltd
- 
- (71) Wareing, C.  
 (11) AU-B-2018100328  
 (21) 2018100328 (22) 15.03.2018  
 (54) Brace

**Numerical Index**

**2017101418** Opus RV Pty Ltd  
**2018100328** Wareing, C.  
**2019100660** Fuller Family Holdings Pty Ltd  
**2019100722** Schneider Electric (Australia) Pty Limited  
**2019101597** Apple Inc.

**IPC Index**

**A47F 5 /-**

2019100660

**B60P 3 /-**

2017101418

**E04H 15 /-**

2017101418

**E04H 17 /-**

2018100328

**E06B 11 /-**

2018100328

**G06F 3 /-**

2019101597

**G06T 19 /-**

2019101597

**H05K 7 /-**

2019100722

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018229534 **USG Boral Building Products Pty Limited** ( CSR Building Products Limited )

**Opposition Withdrawn - Proceed to Grant**

2019203460 **Mayerle, D.** ( Seed Terminator Holdings Pty Ltd )

**Patents Granted**

**Standard Patents**

2013273783	2013355237	2013368748	2013371589
2014202041	2014204085	2014212471	2014228981
2014237357	2014250650	2014261436	2014262377
2014274844	2014285564	2014300400	2014300709
2014302505	2014303393	2014305989	2014317861
2014331953	2014337870	2014340239	2014345358
2014385207	2014398232	2014398233	2014415504
2015202529	2015204201	2015209191	2015209597
2015210763	2015214443	2015215008	2015215862
2015218851	2015221599	2015223574	2015226833
2015227414	2015228543	2015230679	2015231198
2015236271	2015236464	2015236759	2015237245
2015238959	2015241133	2015243088	2015243094
2015243419	2015243869	2015248899	2015249170
2015249279	2015249699	2015252764	2015253260
2015253262	2015257874	2015259331	2015259533
2015260773	2015260783	2015264299	2015268729
2015271256	2015273623	2015274243	2015278232
2015280108	2015281799	2015284135	2015289125
2015292209	2015292833	2015295324	2015305312
2015306085	2015308583	2015308696	2015310656
2015311563	2015315849	2015323611	2015330958
2015333668	2015334547	2015334664	2015337767
2015339039	2015339687	2015341477	2015342634
2015344949	2015353789	2015357607	2015359243
2015360270	2015361614	2015364718	2015365348
2015366060	2015366617	2015371136	2015378668
2015395722	2016200658	2016201280	2016201499
2016206598	2016209502	2016211774	2016213836
2016217974	2016228125	2016229833	2016236116
2016244148	2016248179	2016250078	2016254323
2016255683	2016265016	2016273217	2016274427
2016284173	2016285545	2016286205	2016291068
2016301131	2016304694	2016310629	2016326695
2016329409	2016333143	2016336266	2016339513
2016353096	2016354117	2016354558	2016359035
2016376401	2016380868	2016381357	2016381558
2016383549	2016383553	2016386539	2016393639
2016394258	2016405051	2016407189	2016407426
2016432061	2017203194	2017203949	2017215931
2017216450	2017217834	2017222240	2017225775
2017229039	2017232090	2017232206	2017244263
2017245752	2017246996	2017248423	2017248433
2017248738	2017251830	2017252245	2017257559
2017258839	2017258941	2017258995	2017262515
2017265041	2017265103	2017267294	2017269437
2017270987	2017272196	2017276223	2017279600
2017286167	2017286412	2017289548	2017293369
2017302249	2017305436	2017307312	2017309964
2017313818	2017320462	2017325967	2017338778
2017343976	2017351024	2017351942	2017360377
2017372774	2017378158	2017389652	2017392604
2017395784	2018200291	2018200514	2018201166
2018201193	2018201241	2018201295	2018201384

**Patents Granted**

**Standard Patents**

2018201553	2018201823	2018202455	2018202456
2018202457	2018202669	2018202792	2018202844
2018203049	2018203109	2018203245	2018203406
2018203516	2018204282	2018204412	2018204548
2018204789	2018204875	2018205078	2018205143
2018206788	2018208751	2018214007	2018214820
2018217216	2018217299	2018220021	2018220140
2018226470	2018229499	2018236694	2018236723
2018236900	2018241147	2018241183	2018247202
2018250345	2018253582	2018256596	2018256604
2018260950	2018274981	2018278876	2019200349
2019200463	2019200571	2019200869	2019200983
2019201046	2019202270	2019203392	2019203594
2019236622	2019246841		

**Innovation Patents**

2016102438	2019101456	2019101460	2019101679
2019101720	2020100143	2020100220	2020100221
2020100222	2020100223	2020100225	2020100227
2020100228	2020100229	2020100230	2020100231
2020100232	2020100233	2020100234	2020100235
2020100236	2020100237	2020100239	2020100240
2020100243	2020100244	2020100245	2020100246
2020100248	2020100249	2020100250	2020100252
2020100253	2020100254	2020100255	2020100256
2020100259	2020100260	2020100261	2020100262
2020100264	2020100265	2020100266	2020100269
2020100270	2020100272	2020100274	2020100275
2020100276			

**Revocation**

It is hereby notified that the offer by the Patentee **Hender, M.** to surrender Patent 2011200321 which was advertised in the Official Journal of 06.02.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2003225024	E.I. Du Pont De Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2003234451	E.I. Du Pont De Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2004285035	E.I. Dupont De Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2004298276	Exelis Inc.	The patent has been assigned to <b>Elbit Systems of America, LLC</b>
2005207968	E.I. Dupont De Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2005233181	E. I. du Pont de Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2005277733	Mitsubishi Chemical Media Co., Ltd.	The patent has been assigned to <b>CMC Magnetics Corporation</b>
2005301406	Fibre-Gen Instruments Limited	The patent has been assigned to <b>Fibre Gen Holdings Limited</b>
2005309953	E. I. du Pont de Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>
2006261541	002134761 ONTARIO LTD.	The patent has been assigned to <b>Real Tech Holdings Inc.</b>
2006304765	E. I. du Pont de Nemours and Company	The patent has been assigned to <b>Performance Materials NA, Inc.</b>

**Assignments Registered**

2006320431 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2006320577 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2006332747 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2007203127 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**

2007227291 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2007299727 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2007304996 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2008200237 Johnson & Johnson Consumer France SAS The patent has been assigned to **RoC Opco LLC**

2008202676 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**

2008207887 Linq3 The patent has been assigned to **e2interactive, Inc. d/b/a e2Interactive, Inc.**

2008344979 Loidl, Walter The patent has been assigned to **HY-DROTAURUS Patent-Verwaltungs- und Verwertungs-GmbH**

2009216829 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2009225824 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2009225931 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2009293400 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2009308728 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2009308737 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2009308805 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2009322355 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2009333719 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2009333797 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2009343906 Hitachi Chemical Company, Ltd. The patent has been assigned to **Hitachi Chemical Diagnostics Systems Co., Ltd.**

2010262898 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2010326099 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

**Assignments Registered**

2010340403 AllgoTech AB The patent has been assigned to **Allgotech Production AB**

2011282567 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2011296049 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**

2011369287 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2011369288 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2012216863 Metso Minerals (France) S.A. The patent has been assigned to **Metso Minerals, Inc.**

2012255046 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2012268659 Exelis, Inc. The patent has been assigned to **Elbit Systems of America, LLC**

2012275287 Inhibrx, LP The patent has been assigned to **Inhibrx, Inc.**

2012280287 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2012301782 E.I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**

2012324789 Alcon Pharmaceuticals Ltd. The patent has been assigned to **Novartis AG**

2012324790 Alcon Pharmaceuticals Ltd. The patent has been assigned to **Novartis AG**

2012328881 Linq3 Technologies The patent has been assigned to **e2interactive, Inc. d/b/a e2Interactive, Inc.**

2012396396 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2013207603 Siemens Plc. The patent has been assigned to **Siemens Mobility Limited**

2013216847 Alcon Research, Ltd. The patent has been assigned to **Novartis AG**

2013257525 Amcor Limited The patent has been assigned to **Orora Packaging Australia Pty Ltd**

2013313282 McNally, Elizabeth; Heydemann, Ahlke; Ceco, Ermelinda The patent has been assigned to **Ikaika Therapeutics, LLC**

2013334573 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**

2013376427 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2013407859 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**

2014200277 PharmaBio Corporation The patent has been assigned to **NITTA Corporation**

2014213009 The University of Queensland; The Regents of the University of California; DendroCyte BioTech Pty Ltd The patent has been assigned to **Kira Biotech Pty Limited; The Regents of the University of California; The University of Queensland**

**Assignments Registered**

- 2014225993 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**
- 2014241824 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**
- 2014249544 Exelis Inc. The patent has been assigned to **Elbit Systems of America, LLC**
- 2014262814 Aspen Medical Partners, LLC The patent has been assigned to **Fiji Manufacturing, LLC**
- 2014383641 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**
- 2014391862 ABB HV Cables (Switzerland) GmbH The patent has been assigned to **NKT HV Cables AB**
- 2015226854 Aspen Medical Partners, LLC The patent has been assigned to **Fiji Manufacturing, LLC**
- 2015300006 Hyogo College Of Medicine The patent has been assigned to **Okamura, Haruki; Yamanishi, Kyosuke; Tanaka, Yoshimasa**
- 2016204459 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**
- 2016210635 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**
- 2016259299 E. I. du Pont de Nemours and Company The patent has been assigned to **Performance Materials NA, Inc.**
- 2016280444 Aspen Medical Partners, LLC The patent has been assigned to **Fiji Manufacturing, LLC**
- 2017218972 PharmaBio Corporation The patent has been assigned to **NITTA Corporation**
- 2017279724 Inhibrx, LP The patent has been assigned to **Inhibrx, Inc.**
- 2019100564 The Trustee for AML Unit Trust The patent has been assigned to **Plexum Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2013229173 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 19 Nov 2019

For the goods LORVIQUA lorlatinib

**Applications Accepted**

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

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

2003304497 **Wyeth LLC**

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

For the goods NERLYNX neratinib (as maleate)

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**Corrigenda**

In Vol 34 , No 10 , Page(s) 1466 under the heading **Amendments - Application for Amendments** Under the name Sandvik Intellectual Property AB, Patent No. 2010223134 correct the date of statements filed to read 31 Jan 2020 and 26 Feb 2020

In Vol 34 , No 10 , Page(s) 1524 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Separation Technologies LLC, Application No. 2018323964, under INID (72) correct the co-inventor to HRACH Jr., Frank J.

In Vol 34 , No 11 , Page(s) 1656 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Guangzhou Xaircraft Technology Co., Ltd, Application No. 2018333537, under INID (71) correct the applicant name to Sofic (Ste Francaise d'Instruments de Chirurgie)

In Vol 34 , No 7 , Page(s) 1047 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Cryovac, Inc., Application No. 2018304519, under INID (71) correct the applicant name to Cryovac, LLC

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

- |            |   |
|------------|---|
| 2014306366 | <b>The Product Makers (Australia) Pty Ltd</b>                                       |
| 2015202575 | <b>Epitech Group S.r.l.</b>   |
| 2015293548 | <b>Suez Groupe</b>  |
| 2015355126 | <b>The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.</b> |
| 2016384433 | <b>Wiiiv Wearables Inc.</b>   |
| 2017272255 | <b>President and Fellows of Harvard College</b>                                     |
| 2017352992 | <b>China Merchants Loscam (Asia Pacific) Co., Limited</b>                           |
| 2018203087 | <b>Regeneron Pharmaceuticals, Inc.</b>  |
| 2018230405 | <b>Flexicon Corporation</b>   |
| 2018286577 | <b>LG Electronics Inc.</b>  |