



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	1535
Amendments Made .....	1535
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	1537
Amendments Made Under Section 105 .....	1538

#### Applications Accepted

Name Index .....	1605
Numerical Index .....	1622
IPC Index .....	1624

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	1532
---	------

#### Applications Open to Public Inspection

Name Index .....	1539
Numerical Index .....	1552
IPC Index .....	1554

Assignments before Grant, Section 113 .....	1533
---	------

Assignments Registered .....	1630
------------------------------	------

#### Certified Innovation Patents

Name Index .....	1627
Numerical Index .....	1628
IPC Index .....	1629

#### Complete Applications Filed

Name Index .....	1524
Numerical Index .....	1529

Corrigenda .....	1631
------------------	------

Extensions of Term of Standard Patents .....	1631
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>1534</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	1530
Numerical Index .....	1531
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	1556
Numerical Index .....	1594
IPC Index .....	1598
<b>Patents Granted .....</b>	<b>1630</b>
<b>Provisional Applications Filed</b>	
Name Index .....	1520
Numerical Index .....	1523
<b>Specifications Republished .....</b>	<b>1632</b>

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Mar 2019 .

<hr/> <p>(71) Assent Financial Services Pty Ltd (21) 2019900704 (22) 04.03.2019 (54) Directors Guarantee Insurance</p> <hr/> <p>(71) August, D. (21) 2019900648 (22) 28.02.2019 (54) Metric graduated colour tool for the assessment of skin injuries and human tissue</p> <hr/> <p>(71) AUSTECH PROJECTS PTY LTD (21) 2019900730 (22) 06.03.2019 (54) Load Management &amp; Support System (APLMSS) is a developed concept for load management &amp; support for reticulated cables of structured wiring systems</p> <hr/> <p>(71) Azzurra Imports Pty Ltd (21) 2019900694 (22) 04.03.2019 (54) A Waste Collection Device</p> <hr/> <p>(71) Baks, H. (21) 2019900683 (22) 02.03.2019 (54) Omnidirectional wind turbine for electricity generation</p> <hr/> <p><b>Bernal Arango, E.J. see Spiryagin, M.</b> (21) 2019900676</p> <hr/> <p><b>Bosomworth, C. see Spiryagin, M.</b> (21) 2019900676</p> <hr/> <p>(71) Bucceri, A. (21) 2019900673 (22) 01.03.2019 (54) An improved impeller apparatus for snow making including a quick replacement bearing and screw conveyor vacuum pipe</p> <hr/>	<p>(71) Burrows, K. (21) 2019900695 (22) 04.03.2019 (54) A Wind Turbine System</p> <hr/> <p>(71) Buttriss, J. (21) 2019900663 (22) 01.03.2019 (54) A multi-account configurable bank card</p> <hr/> <p>(71) Bye, E. (21) 2019900674 (22) 01.03.2019 (54) The candle is made from traditional wax and wick. The wick starts at the base and splits into two halves that follow the shape of a love heart. The wicks meet at the top, in the centre of the heart. The wicks are covered with wax to form a solid cylinder. The solid cylinder with the wick in the centre follows the outside contour of a heart shape. In the centre of the heart is a thin layer of wax. This thin layer may or may not be the same colour as the cylinder section. This thin layer can have writing on it. Writing can be printed on or written in wax</p> <hr/> <p>(71) Calderwood, J. (21) 2019900697 (22) 04.03.2019 (54) Method of Making Mining Tools with Tungsten Inserts</p> <hr/> <p>(71) Canning, J. (21) 2019900687 (22) 03.03.2019 (54) Invention of optical tweezers on a chip and applications</p> <hr/> <p>(71) Carnac - Project Delivery Services Pty Ltd; SMCO PTY LTD (21) 2019900671 (22) 01.03.2019 (54) Process for converting oxalate or organate impurities present in a caustic aqueous solution</p> <hr/>	<p>(71) Central Queensland University; Insyte Solutions Pty Ltd (21) 2019900705 (22) 04.03.2019 (54) Control System for Operating Long Vehicles</p> <hr/> <p>(71) Chillemi, K. (21) 2019900682 (22) 01.03.2019 (54) Functional Legacy Mindset</p> <hr/> <p>(71) CMI Operations Pty Ltd (21) 2019900675 (22) 01.03.2019 (54) A pin retaining device and uses thereof</p> <hr/> <p>(71) Commonwealth Scientific and Industrial Research Organisation; Queensland University of Technology (21) 2019900665 (22) 01.03.2019 (54) Vertical branched graphene</p> <hr/> <p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900709 (22) 05.03.2019 (54) Ruthenium catalyst compositions and membranes comprising the same</p> <hr/> <p>(71) CORBETT, J. (21) 2019900698 (22) 04.03.2019 (54) System and Method of Delivering Material to Low Earth Orbit</p> <hr/> <p>(71) Curtis, M. (21) 2019900688 (22) 04.03.2019 (54) COMPOSITE BEAM</p> <hr/> <p>(71) Davis, G. (21) 2019900670 (22) 01.03.2019 (54) Lifting Device</p> <hr/> <p><b>de St. Amatus, B. see de St. Amatus, A.</b> (21) 2019900394</p> <hr/>
--	---	---

Provisional Applications Filed - Name Index cont'd

(71) de St. Amatus, A.; de St. Amatus, B.  
(21) 2019900394 (22) 07.02.2019  
(54) Appl is Potentially Prohibited

(71) EDSBUILT PTY LTD  
(21) 2019900708 (22) 04.03.2019  
(54) security swipe system for heavy machinery

(71) EMvision Medical Devices Ltd  
(21) 2019900703 (22) 04.03.2019  
(54) Stoke monitoring

(71) EtchCO Pty Ltd  
(21) 2019900701 (22) 04.03.2019  
(54) SECURE PRODUCT

(71) Garvan Institute of Medical Research  
(21) 2019900678 (22) 01.03.2019  
(54) Modified binding proteins

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900690 (22) 04.03.2019  
(54) A TISSUE CULTURE ACTUATION SYSTEM, A METHOD OF TISSUE CULTURE ACTUATION, COMPUTER EXECUTABLE STEPS FOR CONTROLLING A TISSUE CULTURE ACTUATION SYSTEM, AND A COMPUTER FOR CONTROLLING A TISSUE CULTURE ACTUATION SYSTEM

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900699 (22) 04.03.2019  
(54) AN ATTACHMENT MEANS FOR ATTACHING A MEDICAL DEVICE TO TISSUE, A SYSTEM FOR ATTACHING A MEDICAL DEVICE TO TISSUE, A MEDICAL DEVICE HAVING AN ATTACHMENT MEANS, A METHOD OF ATTACHING A MEDICAL DEVICE TO TISSUE, AND A METHOD OF MANUFACTURING AN ATTACHMENT MEANS

(71) Griffiths, P.  
(21) 2019900692 (22) 04.03.2019  
(54) GROUNDING AND EMF SHIELDING FABRIC AND METHOD TO PRODUCE THEREOF

(71) Hanifin, A.  
(21) 2019900711 (22) 05.03.2019  
(54) APPARATUS FOR SCREENING OVERFLOW

(71) Hansen Price Pty Ltd  
(21) 2019900718 (22) 05.03.2019  
(54) Collapsible Mast

Hayman, M. see Spiryagin, M.  
(21) 2019900676

(71) Hou, C.  
(21) 2019900700 (22) 04.03.2019  
(54) This innovation relates to electrical energy systems in recreational and special vehicles and boats that use lithium batteries. Lithium battery chemistry is stressed if stored in a fully charged state which reduces the residual energy capacity of the lithium battery over time. This innovation introduces an automatic power charging system that holds the battery voltage at less than maximum voltage to maintain the lithium battery in a relaxed state. It does this with a simple on/off switch which may be physical or digitally transmitted.

Insyte Solutions Pty Ltd see Central Queensland University  
(21) 2019900705

Judge, D. see Spiryagin, M.  
(21) 2019900676

(71) Judge, N.  
(21) 2019900707 (22) 04.03.2019  
(54) A LASER TARGET SHOOTING SYSTEM AND METHOD OF USE THEREOF

(71) Khosla, V.; Pillay, P.  
(21) 2019900684 (22) 02.03.2019  
(54) Byte-me offers non-preferential digital authentication for all publishers who create, publish or share content online

(71) Leroux, A.  
(21) 2019900713 (22) 05.03.2019  
(54) Safety Device

Makin, B. see Spiryagin, M.  
(21) 2019900676

(71) Marks, S.  
(21) 2019900716 (22) 05.03.2019  
(54) Support

(71) Martin, C.  
(21) 2019900681 (22) 01.03.2019  
(54) A device and method for cooling medication

(71) Medrotech Pty Ltd  
(21) 2019900727 (22) 06.03.2019  
(54) EXERCISE in DEVICE (EID) - A SYSTEM AND APPARATUS TO EMULATE PHYSICAL ACTIVITY

(71) Momentum Concepts Pty Ltd  
(21) 2019900689 (22) 04.03.2019  
(54) STORAGE CONTAINERS

(71) Monash University  
(21) 2019900664 (22) 01.03.2019  
(54) Graphene coating

Nielsen, D. see Spiryagin, M.  
(21) 2019900676

(71) No. 97 Holdings Pty Ltd  
(21) 2019900710 (22) 05.03.2019  
(54) An eCommerce System

(71) Pacific Plant Hire Pty Ltd  
(21) 2019900696 (22) 04.03.2019  
(54) A CABLE DISPENSING ASSEMBLY

Pillay, P. see Khosla, V.  
(21) 2019900684

Queensland University of Technology see Commonwealth Scientific and Industrial Research Organisation  
(21) 2019900665

(71) Radaich, S.  
(21) 2019900702 (22) 04.03.2019  
(54) A steering system for a shopping trolley

(71) Red Piranha Limited  
(21) 2019900717 (22) 05.03.2019  
(54) Network Data Traffic Identification

(71) Sattler, J.  
(21) 2019900720 (22) 05.03.2019  
(54) An Improved Fish Hook

(71) Sealite Pty Ltd  
(21) 2019900693 (22) 04.03.2019  
(54) Sector light and lens

SMCO PTY LTD see Carnac - Project Delivery Services Pty Ltd  
(21) 2019900671

Sneath, B. see Spiryagin, M.  
(21) 2019900676

Provisional Applications Filed - Name Index cont'd

(71) Spiryagin, M.; Nielsen, D.; Sneath, B.;  
Bernal Arango, E.J.; Bosomworth, C.;  
Hayman, M.; Makin, B.; Judge, D.  
(21) 2019900676 (22) 01.03.2019  
(54) Intelligent system and methods for  
monitoring rolling stock condition per-  
formance and faults

(71) Taylor, S.  
(21) 2019900685 (22) 03.03.2019  
(54) Boot and binding interface

(71) The University of Melbourne  
(21) 2019900677 (22) 01.03.2019  
(54) Automated determination of locations of  
donor atoms

(71) The University of Sydney  
(21) 2019900667 (22) 01.03.2019  
(54) Vacuum-insulated glazing unit and  
method of making the same

(71) The University of Sydney  
(21) 2019900669 (22) 01.03.2019  
(54) A method of manufacturing a vacuum  
insulated glazing unit

(71) The University of Western Australia  
(21) 2019900679 (22) 01.03.2019  
(54) SYSTEM METHOD AND COM-  
PUTER-ACCESSIBLE MEDIUM FOR  
IN-VIVO OPTICAL COHERENCE  
PERIMETRY

(71) Thomas, J.  
(21) 2019900712 (22) 05.03.2019  
(54) Mounting system and method

(71) Thomsen, P.N.  
(21) 2019900686 (22) 03.03.2019  
(54) Valve for a Dispenser, Dispensing  
Pouch and Method of forming the Same

(71) Vast Solar Pty Ltd  
(21) 2019900731 (22) 06.03.2019  
(54) Method and system for controlling the  
operation of a CSP receiver

(71) Vaughan, J.  
(21) 2019900722 (22) 05.03.2019  
(54) A Piezo-electric ignition device for ignit-  
ing combustible gases with a magnet-  
ic, or mechanically mountable base that  
negates the need for flint type igniters.

(71) Vernx Biotechnology Pty Ltd  
(21) 2019900666 (22) 01.03.2019  
(54) METHODS FOR INCREASING THE  
BRANCHED CHAIN FATTY ACID  
CONTENT IN RUMINANTS

(71) Waldbaum, N.  
(21) 2019900691 (22) 04.03.2019  
(54) A CHILD BEHAVIOR MODIFICATION  
METHOD AND APPARATUS

(71) WANG, J.  
(21) 2019900719 (22) 05.03.2019  
(54) Sprinkler head grass trimmer

(71) Webber, G.  
(21) 2019900680 (22) 01.03.2019  
(54) Wedge wave making device

(71) Wet-Seal Holdings Pty Ltd  
(21) 2019900672 (22) 01.03.2019  
(54) Wetting apparatus

(71) WHEEN, A.  
(21) 2019900668 (22) 01.03.2019  
(54) Spherical Structure and Method of Con-  
struction

(71) ZIRCON CHAMBERS PTY. LTD.  
(21) 2019900715 (22) 05.03.2019  
(54) FREEZE MARKING SYSTEM AND  
METHOD

**Numerical Index**

2019900394	de St. Amatus, A.; de St. Amatus, B.
2019900648	August, D.
2019900663	Buttriss, J.
2019900664	Monash University
2019900665	Commonwealth Scientific and Industrial Research Organisation; Queensland University of Technology
2019900666	Vernx Biotechnology Pty Ltd
2019900667	The University of Sydney
2019900668	WHEEN, A.
2019900669	The University of Sydney
2019900670	Davis, G.
2019900671	Carnac - Project Delivery Services Pty Ltd; SMCO PTY LTD
2019900672	Wet-Seal Holdings Pty Ltd
2019900673	Bucceri, A.
2019900674	Bye, E.
2019900675	CMI Operations Pty Ltd
2019900676	Spiryagin, M.; Nielsen, D.; Sneath, B.; Bernal Arango, E.J.; Bosomworth, C.; Hayman, M.; Makin, B.; Judge, D.
2019900677	The University of Melbourne
2019900678	Garvan Institute of Medical Research
2019900679	The University of Western Australia
2019900680	Webber, G.
2019900681	Martin, C.
2019900682	Chillemi, K.
2019900683	Baks, H.
2019900684	Khosla, V.; Pillay, P.
2019900685	Taylor, S.
2019900686	Thomsen, P.N.
2019900687	Canning, J.
2019900688	Curtis, M.
2019900689	Momentum Concepts Pty Ltd
2019900690	Global Surgical Innovations Holdings Pty Ltd
2019900691	Waldbaum, N.
2019900692	Griffiths, P.
2019900693	Sealite Pty Ltd
2019900694	Azzurra Imports Pty Ltd
2019900695	Burrows, K.
2019900696	Pacific Plant Hire Pty Ltd
2019900697	Calderwood, J.
2019900698	CORBETT, J.
2019900699	Global Surgical Innovations Holdings Pty Ltd
2019900700	Hou, C.
2019900701	EtchCO Pty Ltd
2019900702	Radaich, S.
2019900703	EMvision Medical Devices Ltd
2019900704	Assent Financial Services Pty Ltd
2019900705	Central Queensland University; Insyte Solutions Pty Ltd
2019900707	Judge, N.
2019900708	EDSBUILT PTY LTD
2019900709	Commonwealth Scientific and Industrial Research Organisation
2019900710	No. 97 Holdings Pty Ltd
2019900711	Hanifin, A.
2019900712	Thomas, J.
2019900713	Leroux, A.
2019900715	ZIRCON CHAMBERS PTY. LTD.
2019900716	Marks, S.
2019900717	Red Piranha Limited
2019900718	Hansen Price Pty Ltd
2019900719	WANG, J.
2019900720	Sattler, J.
2019900722	Vaughan, J.
2019900727	Medrotech Pty Ltd
2019900730	AUSTECH PROJECTS PTY LTD
2019900731	Vast Solar Pty Ltd

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Mar 2019 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

(71) 8 Rivers Capital, LLC (21) 2019201409 (22) 28.02.2019 (54) Method and system for power production with improved efficiency (62) 2015287965	(71) Alios BioPharma, Inc. (21) 2019201403 (22) 28.02.2019 (54) Aza-pyridone compounds and uses thereof (62) 2014318832	MENTOSA GTPASE REGULATOR (RPGR) (62) 2015247777
(71) Abbott Diabetes Care Inc. (21) 2019201453 (22) 01.03.2019 (54) Method and apparatus for determining medication dose information (62) 2017228654	(71) Allied-Tek (Thailand) Company Limited (21) 2019201401 (22) 28.02.2019 (54) TIPPER PLATFORM (62) 2017370316	(71) Aristocrat Technologies Australia Pty Limited (21) 2019201436 (22) 28.02.2019 (54) A METHOD AND SYSTEM FOR SETTING DISPLAY RESOLUTION (62) 2017200705
(71) Abiomed, Inc. (21) 2019201492 (22) 05.03.2019 (54) Graft for use with counterpulsation device (62) 2017251776	(71) Alnylam Pharmaceuticals, Inc. (21) 2019201470 (22) 04.03.2019 (54) Compositions and methods for inhibition of expression of apolipoprotein C-III (APOC3) genes (62) 2017204360	(71) Aristocrat Technologies Australia Pty Limited (21) 2019201515 (22) 05.03.2019 (54) GAMING METHOD, GAMING SYSTEM AND GAME CONTROLLER (62) 2017225134
(71) Accenture Global Solutions Limited (21) 2019201406 (22) 28.02.2019 (54) TRANSFORMATION PLATFORM (31) 201841008558 (32) 08.03.18 (33) IN 16/284,643 25.02.19 US	(71) Alpharma Pharmaceuticals, LLC (21) 2019201397 (22) 27.02.2019 (54) Formulations and methods for attenuating respiratory depression induced by opioid overdose (62) 2017213491	(71) Array BioPharma Inc. (21) 2019201400 (22) 27.02.2019 (54) 1-((3S,4R)-4-(3-FLUOROPHENYL)-1-(2-METHOXYETHYL)PYRROLIDIN-3-YL)-3-(4-METHYL-3-(2-METHYL-PYRIMIDIN-5-YL)-1-PHENYL-1H-PYRAZOL-5-YL)UREA AS A TRKA KINASE INHIBITOR (62) 2015259075
(71) Accenture Global Solutions Limited (21) 2019201496 (22) 05.03.2019 (54) CLOSED-LOOP UNIFIED METADATA ARCHITECTURE WITH UNIVERSAL METADATA REPOSITORY (62) 2017258966	(71) ALSTOM Transport Technologies (21) 2019201445 (22) 01.03.2019 (54) An insulating joint for electrically insulating a pair of adjacent rail sections and railway track comprising such insulating joint (31) 15/910,255 (32) 02.03.18 (33) US	(71) Ashworth Bros., Inc. (21) 2019201420 (22) 28.02.2019 (54) Spiral conveyor system (62) 2016297781
(71) Accenture Global Solutions Limited (21) 2019201510 (22) 05.03.2019 (54) PLATFORM FOR SUPPORTING MULTIPLE VIRTUAL AGENT APPLICATIONS (62) 2017265080	(71) AMO Wavefront Sciences, LLC. (21) 2019201457 (22) 01.03.2019 (54) Method of qualifying light spots for optical measurements and measurement instrument employing method of qualifying light spots (62) 2017202831	(71) ATI Properties LLC (21) 2019201439 (22) 28.02.2019 (54) ENHANCED TECHNIQUES FOR CENTRIFUGAL CASTING OF MOL-TEN MATERIALS (62) 2016204925
(71) Acoustic Zoom, Inc. (21) 2019201443 (22) 01.03.2019 (54) SYSTEM AND METHOD FOR SPATIALLY IMAGING AND CHARACTERIZING PROPERTIES OF ROCK FORMATIONS USING SPECULAR AND NON-SPECULAR BEAMFORMING (31) 62/636,995 (32) 01.03.18 (33) US	(71) Apple Inc. (21) 2019201452 (22) 01.03.2019 (54) Attachment apparatuses and associated methods of use and manufacture (62) 2017201586	(71) Austworld Commodities Pty Ltd (21) 2019201421 (22) 28.02.2019 (54) IMPROVED FERRULE BEND
(71) Aevoe International Ltd (21) 2019201487 (22) 04.03.2019 (54) Touch screen cover (62) 2014240332	(71) Applied Genetic Technologies Corporation (21) 2019201527 (22) 05.03.2019 (54) CODON OPTIMIZED NUCLEIC ACID ENCODING A RETINITIS PIG-	(71) Becton, Dickinson and Company (21) 2019201418 (22) 28.02.2019 (54) External files for distribution of molecular diagnostic tests and determination of compatibility between tests (62) 2016265968
		(71) BIOrest Ltd. (21) 2019201468 (22) 04.03.2019

Complete Applications Filed - Name Index cont'd

<p>(54) Liposome formulation and manufacture (62) 2018203028</p> <hr/> <p>(71) Bitstrata Systems Inc. (21) 2019201429 (22) 28.02.2019 (54) System and method for measuring grain cart weight (62) 2014411244</p> <hr/> <p>(71) BLUESCOPE STEEL LIMITED (21) 2019201514 (22) 05.03.2019 (54) Panel lock fence (62) 2017200694</p> <hr/> <p>(71) Braintree Laboratories, Inc. (21) 2019201511 (22) 05.03.2019 (54) Dual use oral pharmaceutical composition tablets of sulfate salts and methods of use thereof (62) 2014227598</p> <hr/> <p>(71) CAN-AM TOOL CORP. (21) 2019201504 (22) 05.03.2019 (54) Method of biasing a drywall corner flusher and a drywall corner flusher (31) 2,997,305 (32) 05.03.18 (33) CA</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2019201467 (22) 04.03.2019 (54) System and method of reducing effects of turbulence in an image</p> <hr/> <p>(71) Cantor Index, LLC (21) 2019201495 (22) 05.03.2019 (54) COMPUTER GRAPHICS PROCESSING METHODS AND SYSTEMS FOR PRESENTATION OF GRAPHICS OBJECTS OR TEXT IN A WAGERING ENVIRONMENT (62) 2017219026</p> <hr/> <p>(71) CARDIOVASCULAR BIOTHERAPEUTICS, INC. (21) 2019201407 (22) 28.02.2019 (54) Angiogenic compositions for wounds, articular joints and graft materials (62) 2014228170</p> <hr/> <p>(71) Clinical Genomics Pty. Ltd. (21) 2019201419 (22) 28.02.2019 (54) A method of screening for colorectal cancer (62) 2013262435</p> <hr/> <p>(71) CMC Biologics A/s (21) 2019201507 (22) 05.03.2019 (54) A high cell density fill and draw fermentation process (62) 2015248888</p> <hr/>	<p>(71) ConMed Corporation (21) 2019201450 (22) 01.03.2019 (54) System and method for securing tissue to bone (62) 2014237579</p> <hr/> <p>(71) Covidien LP (21) 2019201427 (22) 28.02.2019 (54) Method and apparatus to account for transponder tagged objects used during clinical procedures, employing a trocar (31) 16/279,403 (32) 19.02.19 (33) US 62/648,539 27.03.18 US 62/648,534 27.03.18 US</p> <hr/> <p>(71) Covidien LP (21) 2019201430 (22) 28.02.2019 (54) Method and apparatus to account for transponder tagged objects used during clinical procedures, employing a trocar (31) 62/648,539 (32) 27.03.18 (33) US 62/648,534 27.03.18 US 16/279,460 19.02.19 US</p> <hr/> <p>(71) Covidien LP (21) 2019201517 (22) 05.03.2019 (54) Brachytherapy buttress (31) 15/951,295 (32) 12.04.18 (33) US</p> <hr/> <p>(71) CSI Cells Co., Ltd. (21) 2019201444 (22) 01.03.2019 (54) A method for producing a textured structure of a crystalline silicon solar cell (62) 2017204336</p> <hr/> <p>(71) Daon Holdings Limited (21) 2019201491 (22) 05.03.2019 (54) Method of Host-Directed Illumination and System for Conducting Host-Directed Illumination (62) 2017268670</p> <hr/> <p>(71) Deere &amp; Company (21) 2019201472 (22) 04.03.2019 (54) Overhead power cable detection and avoidance (31) 15/943,849 (32) 03.04.18 (33) US</p> <hr/> <p>(71) Depuy Ireland Unlimited Company (21) 2019201516 (22) 05.03.2019 (54) Orthopaedic tibial prosthesis having tibial augments (62) 2014201272</p> <hr/> <p>(71) Dolby International AB (21) 2019201490 (22) 05.03.2019 (54) Method and apparatus for compressing and decompressing a Higher Order Ambisonics signal representation (62) 2016262783</p> <hr/>	<p>(71) Dragontail Systems Ltd. (21) 2019201466 (22) 04.03.2019 (54) Apparatus and method for monitoring preparation of a food product (62) 2017204283</p> <hr/> <p>(71) Dust Solutions Pty Ltd (21) 2019201437 (22) 28.02.2019 (54) Real time monitoring of dust at a mine-site and dust suppression system based thereon (31) 2018900685 (32) 02.03.18 (33) AU</p> <hr/> <p>(71) DV8 Technology Limited (21) 2019201449 (22) 01.03.2019 (54) Borehole survey instrument and method (31) 1803346.4 (32) 01.03.18 (33) GB</p> <hr/> <p>(71) Environmental Management Confederation, Inc. (21) 2019201414 (22) 28.02.2019 (54) High voltage connection for sparse material (62) 2015349900</p> <hr/> <p>(71) ESAB AB (21) 2019201426 (22) 28.02.2019 (54) Arc voltage sensing and control for a welding apparatus (31) 15/907,351 (32) 28.02.18 (33) US</p> <hr/> <p>(71) Eurochampionn bvba (21) 2019201489 (22) 05.03.2019 (54) Plant Cultivation Apparatus (31) 18160306.9 (32) 06.03.18 (33) EP 18185546.1 25.07.18 EP 18200784.9 16.10.18 EP</p> <hr/> <p>(71) Facebook, Inc. (21) 2019201455 (22) 01.03.2019 (54) Targeting advertisements to customized groups of users of an online system (62) 2014323498</p> <hr/> <p>(71) Facebook, Inc. (21) 2019201483 (22) 04.03.2019 (54) Social context for offsite advertisements (62) 2013309428</p> <hr/> <p>(71) Ferno-Washington, Inc. (21) 2019201508 (22) 05.03.2019 (54) Powered roll-in cots having wheel alignment mechanisms (62) 2014223409</p> <hr/> <p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2019201462 (22) 04.03.2019 (54) BREATHING CONTROL USING HIGH FLOW RESPIRATION ASSISTANCE (62) 2014275572</p> <hr/>
--	--	---

Complete Applications Filed - Name Index cont'd

<p>(71) Foundation Medicine, Inc. (21) 2019201446 (22) 01.03.2019 (54) Optimization of multigene analysis of tumor samples (62) 2018279012</p>	<p>berg-Universität Mainz Gemeinnützige GmbH (21) 2019201513 (22) 05.03.2019 (54) Therapy involving antibodies against Claudin 18.2 for treatment of cancer (62) 2014234684</p>	<p>(71) iControl Networks, Inc. (21) 2019201476 (22) 04.03.2019 (54) Control system user interface (62) 2017201365</p>
<p>(71) Frank's International, LLC (21) 2019201428 (22) 28.02.2019 (54) Coating system for tubular gripping components (62) 2017202112</p>	<p>(71) Genieus Biotechnology, Inc. (21) 2019201456 (22) 01.03.2019 (54) Modulated immunodominance therapy (62) 2017203671</p>	<p>(71) Illinois Tool Works Inc. (21) 2019201464 (22) 04.03.2019 (54) Spindle for latch assembly (31) 2018900941 (32) 22.03.18 (33) AU</p>
<p>(71) Frank's International, LLC (21) 2019201525 (22) 05.03.2019 (54) Power Tong Torque Reaction System (31) 16/291,361 (32) 04.03.19 (33) US 62/641,319 10.03.18 US</p>	<p>(71) Glaxo Group Limited (21) 2019201505 (22) 05.03.2019 (54) MODIFIED PROTEINS AND PEPTIDES (62) 2016277685</p>	<p>(71) Illinois Tool Works Inc. (21) 2019201518 (22) 05.03.2019 (54) Concrete slab load transfer apparatus and method of manufacturing same (31) 16/279,368 (32) 19.02.19 (33) US 62/640,901 09.03.18 US</p>
<p>(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2019201415 (22) 28.02.2019 (54) Speech reproduction device configured for masking reproduced speech in a masked speech zone (62) 2016208741</p>	<p>(71) GlaxoSmithKline Intellectual Property Development Limited (21) 2019201480 (22) 04.03.2019 (54) HETEROCYCLIC AMIDES AS KINASE INHIBITORS (62) 2016263156</p>	<p>(71) Implantica Patent Ltd (21) 2019201440 (22) 28.02.2019 (54) Operable implant comprising an electrical motor and a gear system (62) 2014230252</p>
<p>(71) Fuji Xerox Co., Ltd. (21) 2019201501 (22) 05.03.2019 (54) Image processing apparatus, case processing apparatus, case processing system, program, image processing method, case processing method, and computer readable medium (62) 2017202990</p>	<p>(71) GOJO INDUSTRIES, INC. (21) 2019201506 (22) 05.03.2019 (54) COMPOSITIONS AND METHODS WITH EFFICACY AGAINST SPORES AND OTHER ORGANISMS (62) 2015214041</p>	<p>(71) INCYTE HOLDINGS CORPORATION (21) 2019201423 (22) 28.02.2019 (54) HETEROCYCLYLAMINES AS PI3K INHIBITORS (62) 2017206260</p>
<p>(71) Fuji Xerox Co., Ltd. (21) 2019201528 (22) 05.03.2019 (54) Case application apparatus, case processing system, and program (62) 2017202990</p>	<p>(71) Google LLC (21) 2019201469 (22) 04.03.2019 (54) CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR QUANTUM ANNEALING PROCESSES (62) 2014373701</p>	<p>(71) INJECTO A/S (21) 2019201477 (22) 04.03.2019 (54) PISTON FOR USE A SYRINGE WITH SPECIFIC DIMENSIONAL RATIO OF A SEALING STRUCTURE (62) 2014277300</p>
<p>(71) FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS (21) 2019201493 (22) 05.03.2019 (54) METHOD FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF BREAST CANCER METASTASIS (62) 2016266009</p>	<p>(71) Heraeus Medical GmbH (21) 2019201519 (22) 05.03.2019 (54) Knee spacer system with irrigation device (31) 10 2018 106 704.6 (32) 21.03.18 (33) DE</p>	<p>Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania (21) 2019201424</p>
<p>(71) Gallagher Group Limited (21) 2019201425 (22) 28.02.2019 (54) VEGETATION MEASUREMENT APPARATUS, SYSTEMS, AND METHODS (31) 740348 (32) 28.02.18 (33) NZ</p>	<p>(71) HGT Precision Co., Ltd. (21) 2019201503 (22) 05.03.2019 (54) Adjustable Register Bell Housing (31) 740507 (32) 06.03.18 (33) NZ</p>	<p>(71) Insitu, Inc. (21) 2019201447 (22) 01.03.2019 (54) Unmanned vehicle simulation (62) 2014349143</p>
<p>(71) Ganymed Pharmaceuticals AG; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Guten-</p>	<p>(71) HOEL, S.; PERLMAN, T. (21) 2019201413 (22) 28.02.2019 (54) SURGERY TABLE ATTACHMENT APPARATUS (62) 2016201158</p>	<p>INSTITUCIO CATALANA DE RECERCA I ESTUDIS see FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA) (21) 2019201493</p>
	<p>(71) Hufcor, Inc. (21) 2019201523 (22) 05.03.2019 (54) Panel power connector (31) 15/912,993 (32) 06.03.18 (33) US</p>	<p>(71) iRobot Corporation (21) 2019201524 (22) 05.03.2019 (54) Autonomous mobile robot (62) 2015241429</p>
		<p>(71) Ishida Co., Ltd. (21) 2019201396 (22) 27.02.2019 (54) CASE FORMING, PACKING, AND SEALING APPARATUS (31) 2018-033024 (32) 27.02.18 (33) JP</p>

Complete Applications Filed - Name Index cont'd

<p>(71) Kabbage, Inc. (21) 2019201435 (22) 28.02.2019 (54) Apparatus to provide liquid funds in the online auction and marketplace environment (62) 2017202445</p>	<p>(71) Medos International Sarl (21) 2019201442 (22) 01.03.2019 (54) Methods, systems, and devices for instability repair (31) 15/913,340 (32) 06.03.18 (33) US</p>	<p>(54) A SYSTEM, METHOD, COMPUTER PROGRAM AND DATA SIGNAL FOR CREATING, EXECUTING AND VERIFYING AN ELECTRONIC AGREEMENT (31) 2018903452 (32) 13.09.18 (33) AU</p>
<p>(71) Kimura Kohki Co., Ltd. (21) 2019201473 (22) 04.03.2019 (54) Pneumatic radiation unit (31) 2018-44837 (32) 13.03.18 (33) JP 2018-63924 29.03.18 JP</p>	<p>(71) Medrobotics (21) 2019201509 (22) 05.03.2019 (54) Articulating surgical instruments and methods of deploying the same (62) 2014205413</p>	<p>(71) Samson Clinical Pty Ltd (21) 2019201399 (22) 27.02.2019 (54) TREATMENT OF AUTOIMMUNE DISEASE</p>
<p>(71) Komatsu Ltd. (21) 2019201404 (22) 28.02.2019 (54) Control system for work vehicle, and method for setting trajectory of work implement (62) 2017272278</p>	<p>(71) Mexichem Fluor S.A. de C.V. (21) 2019201520 (22) 05.03.2019 (54) PHARMACEUTICAL COMPOSITION (62) 2016364005</p>	<p>(71) SAMSUNG ELECTRONICS CO., LTD. (21) 2019201441 (22) 01.03.2019 (54) Electronic device for processing user voice input (31) 10-2018-0035387 (32) 27.03.18 (33) KR</p>
<p>(71) La Vit Technology LLC (21) 2019201438 (22) 28.02.2019 (54) Capsule Based System For Preparing And Dispensing A Beverage (62) 2017202482</p>	<p>(71) Mexichem Fluor S.A. de C.V. (21) 2019201521 (22) 05.03.2019 (54) PHARMACEUTICAL COMPOSITION (62) 2016364005</p>	<p>Schneiders, S. see Visuray Intech Ltd (bvi) (21) 2019201410</p>
<p>(71) Lopez, T. (21) 2019201460 (22) 03.03.2019 (54) Guided Adjustable Microphone Stand</p>	<p>(71) Microbion Corporation (21) 2019201434 (22) 28.02.2019 (54) Bismuth-thiols as antiseptics for agricultural, industrial and other uses (62) 2017200712</p>	<p>(71) Sinclair, M.; Moore, O. (21) 2019201500 (22) 05.03.2019 (54) A compact disc album rehousing (31) 2018900699 (32) 05.03.18 (33) AU</p>
<p>(71) LUBRIS LLC (21) 2019201478 (22) 04.03.2019 (54) Production of recombinant lubricin (62) 2014340080</p>	<p>Moore, O. see Sinclair, M. (21) 2019201500</p>	<p>(71) Snap-on Incorporated (21) 2019201402 (22) 28.02.2019 (54) Adjustable pliers (31) 16/106,361 (32) 21.08.18 (33) US</p>
<p>(71) Magic Leap, Inc. (21) 2019201411 (22) 28.02.2019 (54) System and method for augmented and virtual reality (62) 2017201063</p>	<p>(71) NantOmics, LLC (21) 2019201463 (22) 04.03.2019 (54) SRM/MRM ASSAYS FOR PROFILING TUMOR TISSUE (31) 62/640,632 (32) 09.03.18 (33) US</p>	<p>(71) Stesik, P. (21) 2019201458 (22) 01.03.2019 (54) FOOD HOLDER</p>
<p>(71) Maregade Rx, LLC (21) 2019201412 (22) 28.02.2019 (54) Product and method for treating diarrhea (62) 2017251701</p>	<p>(71) Neupharma, Inc. (21) 2019201461 (22) 04.03.2019 (54) CERTAIN CHEMICAL ENTITIES, COMPOSITIONS, AND METHODS (62) 2014308616</p>	<p>(71) Stryker Corporation (21) 2019201486 (22) 04.03.2019 (54) Medical/surgical lavage unit with a handpiece having a barrel that can be pivoted relative to the handgrip (62) 2013382125</p>
<p>(71) Marine Canada Acquisition Inc. (21) 2019201481 (22) 04.03.2019 (54) Marine vessel control system for controlling movement of a marine vessel having four propulsion units (62) 2015218152</p>	<p>PERLMAN, T. see HOEL, S. (21) 2019201413</p>	<p>(71) Tata Consultancy Services Limited (21) 2019201484 (22) 04.03.2019 (54) Method and system for vehicle speed profile generation (62) 2017205114</p>
<p>(71) McCloskey International Limited (21) 2019201475 (22) 04.03.2019 (54) Stacker with wheel assembly (31) 16/203,379 (32) 28.11.18 (33) US</p>	<p>(71) Polaris Industries Inc. (21) 2019201482 (22) 04.03.2019 (54) Two-wheeled vehicle (62) 2017225088</p>	<p>(71) Tata Consultancy Services Limited (21) 2019201494 (22) 05.03.2019 (54) Non-contact material inspection (31) 201821041789 (32) 05.11.18 (33) IN</p>
<p>(71) Redenbach Lee Lawyers Pty Ltd (21) 2019201432 (22) 28.02.2019</p>	<p>(71) President and Fellows of Harvard College (21) 2019201488 (22) 05.03.2019 (54) CAS9 VARIANTS AND USES THEREOF (62) 2014315070</p>	<p>(71) Tate &amp; Lyle Ingredients Americas LLC; Tate &amp; Lyle Technology Limited (21) 2019201408 (22) 28.02.2019 (54) Improved sweetener (62) 2015263073</p>

Complete Applications Filed - Name Index cont'd

**Tate & Lyle Technology Limited see Tate & Lyle Ingredients Americas LLC**  
**(21)** 2019201408

LOCATE THE DESIRED OBJECT OR SERVICE

**(62)** 2017201509

**(71)** The Boeing Company  
**(21)** 2019201433 **(22)** 28.02.2019  
**(54)** Electromagnetic reception using metamaterial  
**(31)** 15/956,408 **(32)** 18.04.18 **(33)** US

**(71)** University of Florida Research Foundation, Incorporated  
**(21)** 2019201369 **(22)** 27.02.2019  
**(54)** Regulation of cancer using natural compounds and/or diet  
**(62)** 2014240467

**(71)** Therabiol, Inc.  
**(21)** 2019201405 **(22)** 28.02.2019  
**(54)** HIV antigens and antibodies  
**(62)** 2014224049

**(71)** Valeritas, Inc  
**(21)** 2019201416 **(22)** 28.02.2019  
**(54)** Hydraulically actuated pump for long duration medicament administration  
**(62)** 2017202411

**(71)** THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY  
**(21)** 2019201512 **(22)** 05.03.2019  
**(54)** Methods and compositions for treatment of cartilage and disc tissue pathologies  
**(62)** 2014311219

**(71)** Viavi Solutions Inc.  
**(21)** 2019201454 **(22)** 01.03.2019  
**(54)** Article with curved patterns formed of aligned pigment flakes  
**(62)** 2017216528

**(71)** The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
**(21)** 2019201424 **(22)** 28.02.2019  
**(54)** Vaccines having an antigen and interleukin-21 as an adjuvant  
**(62)** 2015323944

**(71)** Visuray Intech Ltd (bvi); Schneiders, S.  
**(21)** 2019201410 **(22)** 28.02.2019  
**(54)** Methods and means for identifying fluid type inside a conduit  
**(62)** 2016254357

**(71)** The University of Notre Dame  
**(21)** 2019201497 **(22)** 05.03.2019  
**(54)** Chimeric spider silk and uses thereof  
**(62)** 2017201493

**(71)** VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ  
**(21)** 2019201459 **(22)** 01.03.2019  
**(54)** A PHOTOVOLTAIC ELEMENT WITH AN INCLUDED RESONATOR  
**(62)** 2016277740

**(71)** The Walter and Eliza Hall Institute of Medical Research  
**(21)** 2019201465 **(22)** 04.03.2019  
**(54)** PURIFICATION METHOD

**(71)** W. L. Gore & Associates, Inc.  
**(21)** 2019201417 **(22)** 28.02.2019  
**(54)** Valved conduit  
**(62)** 2015333658

**(71)** Tritium Holdings Pty Ltd  
**(21)** 2019201448 **(22)** 01.03.2019  
**(54)** A TRANSFORMER WITH IMPROVED HEAT DISSIPATION  
**(62)** 2015207667

**(71)** Wayne State University  
**(21)** 2019201474 **(22)** 04.03.2019  
**(54)** METHOD OF ENHANCING DELIVERY OF THERAPEUTIC COMPOUNDS TO THE EYE  
**(62)** 2014243925

**TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Ganymed Pharmaceuticals AG**  
**(21)** 2019201513

**(71)** Weatherford Technology Holdings, LLC  
**(21)** 2019201431 **(22)** 28.02.2019  
**(54)** Wellbore completion  
**(62)** 2017200407

**(71)** Tutupata, Inc.  
**(21)** 2019201398 **(22)** 27.02.2019  
**(54)** FINDING OBJECTS OR SERVICES UTILIZING A COMMUNICATION LINK TO ENLIST THE HELP OF AND REWARD THIRD PARTIES TO HELP

**(71)** Xyleco, Inc.  
**(21)** 2019201422 **(22)** 28.02.2019  
**(54)** Processing biomass  
**(62)** 2017200443

**(71)** Zlotkin, A.  
**(21)** 2019201479 **(22)** 04.03.2019  
**(54)** Use of peptides in antibiotic resistance  
**(62)** 2014343371

Numerical Index

<b>2019201369</b>	University of Florida Research Foundation, Incorporated	<b>2019201460</b>	Lopez, T.
<b>2019201396</b>	Ishida Co., Ltd.	<b>2019201461</b>	Neupharma, Inc.
<b>2019201397</b>	Alpharma Pharmaceuticals, LLC	<b>2019201462</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2019201398</b>	Tutupata, Inc.	<b>2019201463</b>	NantOmics, LLC
<b>2019201399</b>	Samson Clinical Pty Ltd	<b>2019201464</b>	Illinois Tool Works Inc.
<b>2019201400</b>	Array BioPharma Inc.	<b>2019201465</b>	The Walter and Eliza Hall Institute of Medical Research
<b>2019201401</b>	Allied-Tek (Thailand) Company Limited	<b>2019201466</b>	Dragontail Systems Ltd.
<b>2019201402</b>	Snap-on Incorporated	<b>2019201467</b>	Canon Kabushiki Kaisha
<b>2019201403</b>	Alios BioPharma, Inc.	<b>2019201468</b>	BIOrest Ltd.
<b>2019201404</b>	Komatsu Ltd.	<b>2019201469</b>	Google LLC
<b>2019201405</b>	Therabiol, Inc.	<b>2019201470</b>	Alnylam Pharmaceuticals, Inc.
<b>2019201406</b>	Accenture Global Solutions Limited	<b>2019201472</b>	Deere & Company
<b>2019201407</b>	CARDIOVASCULAR BIOTHERAPEUTICS, INC.	<b>2019201473</b>	Kimura Kohki Co., Ltd.
<b>2019201408</b>	Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited	<b>2019201474</b>	Wayne State University
<b>2019201409</b>	8 Rivers Capital, LLC	<b>2019201475</b>	McCloskey International Limited
<b>2019201410</b>	Visuray Intech Ltd (bvi); Schneiders, S.	<b>2019201476</b>	iControl Networks, Inc.
<b>2019201411</b>	Magic Leap, Inc.	<b>2019201477</b>	INJECTO A/S
<b>2019201412</b>	Maregade Rx, LLC	<b>2019201478</b>	LUBRIS LLC
<b>2019201413</b>	HOEL, S.; PERLMAN, T.	<b>2019201479</b>	Zlotkin, A.
<b>2019201414</b>	Environmental Management Confederation, Inc.	<b>2019201480</b>	GlaxoSmithKline Intellectual Property Development Limited
<b>2019201415</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	<b>2019201481</b>	Marine Canada Acquisition Inc.
<b>2019201416</b>	Valeritas, Inc	<b>2019201482</b>	Polaris Industries Inc.
<b>2019201417</b>	W. L. Gore & Associates, Inc.	<b>2019201483</b>	Facebook, Inc.
<b>2019201418</b>	Becton, Dickinson and Company	<b>2019201484</b>	Tata Consultancy Services Limited
<b>2019201419</b>	Clinical Genomics Pty. Ltd.	<b>2019201486</b>	Stryker Corporation
<b>2019201420</b>	Ashworth Bros., Inc.	<b>2019201487</b>	Aevoe International Ltd
<b>2019201421</b>	Austworld Commodities Pty Ltd	<b>2019201488</b>	President and Fellows of Harvard College
<b>2019201422</b>	Xyleco, Inc.	<b>2019201489</b>	Eurochampion bvba
<b>2019201423</b>	INCYTE HOLDINGS CORPORATION	<b>2019201490</b>	Dolby International AB
<b>2019201424</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.	<b>2019201491</b>	Daon Holdings Limited
<b>2019201425</b>	Gallagher Group Limited	<b>2019201492</b>	Abiomed, Inc.
<b>2019201426</b>	ESAB AB	<b>2019201493</b>	FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS
<b>2019201427</b>	Covidien LP	<b>2019201494</b>	Tata Consultancy Services Limited
<b>2019201428</b>	Frank's International, LLC	<b>2019201495</b>	Cantor Index, LLC
<b>2019201429</b>	Bitstrata Systems Inc.	<b>2019201496</b>	Accenture Global Solutions Limited
<b>2019201430</b>	Covidien LP	<b>2019201497</b>	The University of Notre Dame
<b>2019201431</b>	Weatherford Technology Holdings, LLC	<b>2019201500</b>	Sinclair, M.; Moore, O.
<b>2019201432</b>	Redenbach Lee Lawyers Pty Ltd	<b>2019201501</b>	Fuji Xerox Co., Ltd.
<b>2019201433</b>	The Boeing Company	<b>2019201503</b>	HGT Precision Co., Ltd.
<b>2019201434</b>	Microbion Corporation	<b>2019201504</b>	CAN-AM TOOL CORP.
<b>2019201435</b>	Kabbage, Inc.	<b>2019201505</b>	Glaxo Group Limited
<b>2019201436</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201506</b>	GOJO INDUSTRIES, INC.
<b>2019201437</b>	Dust Solutions Pty Ltd	<b>2019201507</b>	CMC Biologics A/s
<b>2019201438</b>	La Vit Technology LLC	<b>2019201508</b>	Ferno-Washington, Inc.
<b>2019201439</b>	ATI Properties LLC	<b>2019201509</b>	Medrobotics
<b>2019201440</b>	Implantica Patent Ltd	<b>2019201510</b>	Accenture Global Solutions Limited
<b>2019201441</b>	SAMSUNG ELECTRONICS CO., LTD.	<b>2019201511</b>	Braintree Laboratories, Inc.
<b>2019201442</b>	Medos International Sarl	<b>2019201512</b>	THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY
<b>2019201443</b>	Acoustic Zoom, Inc.	<b>2019201513</b>	Ganymed Pharmaceuticals AG; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
<b>2019201444</b>	CSI Cells Co., Ltd.	<b>2019201514</b>	BLUESCOPE STEEL LIMITED
<b>2019201445</b>	ALSTOM Transport Technologies	<b>2019201515</b>	Aristocrat Technologies Australia Pty Limited
<b>2019201446</b>	Foundation Medicine, Inc.	<b>2019201516</b>	Depuy Ireland Unlimited Company
<b>2019201447</b>	Insitu, Inc.	<b>2019201517</b>	Covidien LP
<b>2019201448</b>	Tritium Holdings Pty Ltd	<b>2019201518</b>	Illinois Tool Works Inc.
<b>2019201449</b>	DV8 Technology Limited	<b>2019201519</b>	Heraeus Medical GmbH
<b>2019201450</b>	ConMed Corporation	<b>2019201520</b>	Mexichem Fluor S.A. de C.V.
<b>2019201452</b>	Apple Inc.	<b>2019201521</b>	Mexichem Fluor S.A. de C.V.
<b>2019201453</b>	Abbott Diabetes Care Inc.	<b>2019201523</b>	Hufcor, Inc.
<b>2019201454</b>	Viavi Solutions Inc.	<b>2019201524</b>	iRobot Corporation
<b>2019201455</b>	Facebook, Inc.	<b>2019201525</b>	Frank's International, LLC
<b>2019201456</b>	Geneius Biotechnology, Inc.	<b>2019201527</b>	Applied Genetic Technologies Corporation
<b>2019201457</b>	AMO Wavefront Sciences, LLC.	<b>2019201528</b>	Fuji Xerox Co., Ltd.
<b>2019201458</b>	Stesik, P.		
<b>2019201459</b>	VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Mar 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) Ansalone, A. (21) 2019100218 (22) 28.02.2019 (54) A real-time shopping cart and personal checkout. A software application where the user is able to use a device such as a mobile phone or tablet, to scan an items barcode or identifier in a physical store i.e. Woolworths then pay for the item via the application and proceed to exit the store without the aid of a person or a self serve checkout. (31) 2018903817 (32) 09.10.18 (33) AU</p>	<p>(54) RAIL-TYPE PORTABLE SATELLITE COMMUNICATION ANTENNA (62) PCT/CN2016/097323</p> <p>(71) Fiteni, E. (21) 2019100225 (22) 01.03.2019 (54) 3D Virtual Human AI Broking System</p> <p>(71) Functional Intelligence Pty Ltd (21) 2019100220 (22) 28.02.2019 (54) Online personal development tool (31) 2018900718 (32) 06.03.18 (33) AU</p>	<p>(71) Makdessi, C. (21) 2019100230 (22) 04.03.2019 (54) Battery Alaram and Monitor</p> <p>(71) Mung, K.F. (21) 2019100214 (22) 27.02.2019 (54) Unique Environment Friendly Vertical Grill Bamboo Charcoal Oven</p> <p>(71) North China University of Science and Technology (21) 2019100215 (22) 27.02.2019 (54) AUTOMATIC BLOOD TEST DEVICE (31) 201821946627.6 (32) 23.11.18 (33) CN</p>
<p>(71) Apple Inc. (21) 2019100222 (22) 28.02.2019 (54) User interfaces for health monitoring (31) 62/657,881 (32) 15.04.18 (33) US 16/143,909 27.09.18 US 16/143,959 27.09.18 US 16/143,997 27.09.18 US PA 201870599 15.09.18 DK PA 201870600 15.09.18 DK 62/641,994 12.03.18 US PA 201870601 15.09.18 DK 62/643,699 15.03.18 US PA 201870602 15.09.18 DK 62/657,870 15.04.18 US 16/144,030 27.09.18 US</p>	<p>(71) Girgis, A. (21) 2019100207 (22) 26.02.2019 (54) A dumbbell alternative comprising a grip handle, with a protruding bar in front and a supporting element behind, connected in such a way that a user can fix a weight along the protruding bar and grip the grip handle, as a supporting element rests against the users forearm to counter any weight on the protruding arm.</p> <p><b>Gold, T. see Gold, A.</b> (21) 2019100217</p>	<p>(71) Pertot, S. (21) 2019100205 (22) 26.02.2019 (54) Samile - Alcohol Based Cotton Piece Swab For Cleaning Teeth</p> <p><b>Roberts, S. see Tavaziva, B.</b> (21) 2019100224</p>
<p>(71) Bennet, S. (21) 2019100228 (22) 03.03.2019 (54) Integrated Payload Delivery System for Search and Rescue Applications</p>	<p>(71) Gold, A.; Gold, T. (21) 2019100217 (22) 28.02.2019 (54) Method and Process of Establishing Financial and Insurance Services in Real Time by means of a Software Platform and a Secure Smart Apparatus (31) 10201901529V (32) 21.02.19 (33) SG</p>	<p>(71) Shukla, A. (21) 2019100227 (22) 03.03.2019 (54) IMPROVED VIDEO CONTENT DISTRIBUTION ON A RETAIL CARD THROUGH ONLINE OFFLINE INTEGRATION ON A SINGLE PLATFORM</p>
<p>(71) BISSELL Inc. (21) 2019100229 (22) 04.03.2019 (54) Extraction cleaner (31) 62/638,477 (32) 05.03.18 (33) US</p>	<p>(71) Harrigan Family Holdings Pty Ltd (21) 2019100219 (22) 28.02.2019 (54) REAL TIME SURF CONDITIONS WARNING DISPLAY AND SYSTEM THEREOF (31) 2018900716 (32) 01.03.18 (33) AU</p>	<p>(71) Tavaziva, B.; Roberts, S. (21) 2019100224 (22) 28.02.2019 (54) Sensory Sanctuary - An innovative and unique therapeutic care model for children and young people away from home.</p>
<p>(71) draffin, s. (21) 2019100216 (22) 27.02.2019 (54) Novel means of copy protection for 3D printing or additive manufacturing design files. Our invention is a method of copy protection and unique identification of ownership as it applies to standard file formats for 3D printing and/or additive manufacturing. It works by embedding a unique identifier into common 3D printing digital files. Once our unique identifier is inserted into design, it can be used to identify potential theft and/or misuse of traced digital designs.</p>	<p>(71) HumAlnify (21) 2019100226 (22) 02.03.2019 (54) Remote detection devices to aid electroencephalography in a brain computer interface headset</p>	<p>(71) Unilumin Group Co.,Ltd (21) 2019100231 (22) 04.03.2019 (54) CONNECTOR (62) PCT/CN2017/116965</p>
<p>(71) E4E Information Technologies Co., Ltd. (21) 2019100223 (22) 28.02.2019</p>	<p>(71) JALT TECHNOLOGIES PTY LTD (21) 2019100221 (22) 28.02.2019 (54) APPARATUS FOR ARRANGING STEEL REINFORCEMENT PRIOR TO A CONCRETE POUR (62) PCT/AU2018/050282</p>	

**Numerical Index**

<b>2019100205</b>	Pertot, S.	<b>2019100222</b>	Apple Inc.
<b>2019100207</b>	Girgis, A.	<b>2019100223</b>	E4E Information Technologies Co., Ltd.
<b>2019100214</b>	Mung, K.F.	<b>2019100224</b>	Tavaziva, B.; Roberts, S.
<b>2019100215</b>	North China University of Science and Technology	<b>2019100225</b>	Fiteni, E.
<b>2019100216</b>	draffin, s.	<b>2019100226</b>	HumAlnify
<b>2019100217</b>	Gold, A.; Gold, T.	<b>2019100227</b>	Shukla, A.
<b>2019100218</b>	Ansalone, A.	<b>2019100228</b>	Bennet, S.
<b>2019100219</b>	Harrigan Family Holdings Pty Ltd	<b>2019100229</b>	BISSELL Inc.
<b>2019100220</b>	Functional Intelligence Pty Ltd	<b>2019100230</b>	Makdessi, C.
<b>2019100221</b>	JALT TECHNOLOGIES PTY LTD	<b>2019100231</b>	Unilumin Group Co.,Ltd

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

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
  
- 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

**1999**

- 1999018489 ( 14 )    1999018490 ( 14 )    1999018524 ( 14 )
- 1999018525 ( 14 )    1999018531 ( 14 )    1999018536 ( 14 )
- 1999018545 ( 14 )    1999018566 ( 14 )    1999018575 ( 14 )
- 1999018578 ( 14 )    1999018594 ( 14 )    1999018595 ( 14 )
- 1999026270 ( 14 )    1999026430 ( 14 )    1999027551 ( 14 )
- 1999027563 ( 14 )    1999027564 ( 14 )    1999027567 ( 14 )
- 1999027989 ( 14 )    1999028000 ( 14 )    1999028021 ( 14 )
- 1999028203 ( 14 )    1999028204 ( 14 )    1999028643 ( 14 )
- 1999028646 ( 14 )    1999028715 ( 14 )    1999028849 ( 14 )
- 1999028869 ( 14 )    1999028871 ( 14 )    1999028897 ( 14 )
- 1999028960 ( 14 )    1999029321 ( 14 )    1999029493 ( 14 )
- 1999029773 ( 14 )    1999029882 ( 14 )    1999030651 ( 14 )
- 1999030699 ( 14 )    1999031434 ( 14 )    1999032432 ( 14 )
- 1999032571 ( 14 )    1999032586 ( 14 )    1999032642 ( 14 )
- 1999054339 ( 14 )    1999054542 ( 14 )    1999055836 ( 14 )
- 1999055851 ( 14 )    1999058992 ( 14 )    1999060210 ( 14 )

**2000**

- 2000069249 ( 14 )    2000070168 ( 14 )    2000070637 ( 14 )
- 2000072796 ( 14 )    2000078835 ( 14 )

**2001**

- 2001023047 ( 14 )    2001054190 ( 14 )    2001063546 ( 14 )
- 2001083699 ( 14 )    2001086705 ( 14 )    2001281754 ( 14 )
- 2001284172 ( 14 )    2001284560 ( 14 )    2001284656 ( 14 )
- 2001285096 ( 14 )    2001286648 ( 14 )    2001286763 ( 14 )

**2002**

- 2002212173 ( 14 )    2002300704 ( 14 )    2002300731 ( 14 )
- 2002321528 ( 14 )    2002323371 ( 14 )    2002329787 ( 14 )
- 2002331697 ( 14 )    2002331723 ( 14 )    2002332646 ( 14 )
- 2002333481 ( 14 )    2002340825 ( 14 )

**2003**

- 2003203767 ( 14 )    2003236442 ( 14 )    2003236463 ( 14 )
- 2003246343 ( 14 )    2003256164 ( 14 )    2003259959 ( 14 )
- 2003263943 ( 14 )    2003265547 ( 14 )    2003272836 ( 14 )
- 2003274916 ( 14 )

**2004**

- 2004200167 ( 14 )    2004205160 ( 14 )    2004205175 ( 14 )
- 2004266150 ( 14 )    2004270175 ( 14 )    2004270826 ( 14 )
- 2004274546 ( 14 )

**2005**

- 2005201625 ( 14 )    2005204249 ( 14 )    2005275555 ( 14 )
- 2005275578 ( 14 )    2005276432 ( 14 )    2005279680 ( 14 )
- 2005280286 ( 14 )    2005280704 ( 14 )    2005284061 ( 14 )
- 2005287348 ( 14 )

**2006**

- 2006203630 ( 14 )    2006203643 ( 14 )    2006204629 ( 14 )
- 2006282123 ( 14 )    2006282894 ( 14 )    2006282906 ( 14 )
- 2006284088 ( 14 )    2006284513 ( 14 )    2006284515 ( 14 )
- 2006284524 ( 14 )    2006289409 ( 14 )

**2007**

- 2007211860 ( 14 )    2007287427 ( 14 )    2007287747 ( 14 )
- 2007288103 ( 14 )    2007288344 ( 14 )    2007288566 ( 14 )
- 2007288620 ( 14 )    2007297046 ( 14 )    2007351499 ( 14 )

**2008**

- 2008229673 ( 14 )    2008288768 ( 14 )    2008288806 ( 14 )
- 2008288853 ( 14 )    2008289447 ( 14 )    2008289529 ( 14 )
- 2008290217 ( 14 )    2008293102 ( 14 )    2008293652 ( 14 )
- 2008296564 ( 14 )    2008296600 ( 14 )    2008301208 ( 14 )
- 2008305441 ( 14 )    2008360718 ( 14 )

**2009**

- 2009200551 ( 14 )    2009243428 ( 14 )    2009282712 ( 14 )
- 2009282886 ( 14 )    2009285467 ( 14 )    2009286346 ( 14 )
- 2009288349 ( 14 )    2009288440 ( 14 )    2009288915 ( 14 )

**2010**

- 2010200401 ( 14 )    2010214631 ( 14 )    2010214633 ( 14 )
- 2010214634 ( 14 )    2010214660 ( 14 )    2010214663 ( 14 )
- 2010221813 ( 14 )    2010286130 ( 14 )    2010286753 ( 14 )
- 2010287033 ( 14 )    2010287215 ( 14 )    2010288550 ( 14 )
- 2010288666 ( 14 )    2010290103 ( 14 )    2010291521 ( 14 )
- 2010291653 ( 14 )    2010293055 ( 14 )    2010295333 ( 5C )
- 2010341217 ( 14 )

**2011**

- 2011100227 ( 22 )    2011100230 ( 22 )    2011100232 ( 22 )
- 2011100235 ( 22 )    2011100248 ( 22 )    2011100256 ( 22 )
- 2011101086 ( 22E )    2011202293 ( 14 )    2011203187 ( 14 )
- 2011213823 ( 14 )    2011213841 ( 14 )    2011221341 ( 14 )
- 2011293053 ( 14 )    2011293349 ( 14 )    2011293393 ( 14 )
- 2011293574 ( 14 )    2011293974 ( 14 )    2011293978 ( 14 )
- 2011294801 ( 14 )    2011295170 ( 14 )    2011295171 ( 14 )
- 2011297270 ( 14 )    2011301761 ( 14 )    2011315778 ( 14 )

**2012**

- 2012200011 ( 14 )    2012201892 ( 14 )    2012216248 ( 14 )
- 2012216408 ( 14 )    2012216415 ( 14 )    2012216428 ( 14 )

2012298491 ( 14 ) 2012298495 ( 14 ) 2012300181 ( 14 )  
 2012300190 ( 14 ) 2012300520 ( 14 ) 2012303619 ( 14 )  
 2012304792 ( 14 ) 2012304801 ( 14 ) 2012304803 ( 14 )  
 2012305513 ( 14 ) 2012305578 ( 14 ) 2012307629 ( 14 )  
 2012313001 ( 14 ) 2012329364 ( 14 ) 2012387985 ( 14 )  
 2012388103 ( 14 ) 2012388105 ( 14 )

**2013**

2013100244 ( 22 ) 2013202278 ( 14 ) 2013202280 ( 14 )  
 2013202281 ( 14 ) 2013204040 ( 14 ) 2013219171 ( 14 )  
 2013284327 ( 5C ) 2013302434 ( 5C ) 2013304958 ( 14 )  
 2013305477 ( 14 ) 2013305714 ( 4C ) 2013305777 ( 14 )  
 2013305941 ( 14 ) 2013313239 ( 5C ) 2013328198 ( 14 )  
 2013338543 ( 4C ) 2013358890 ( 5C ) 2013398353 ( 14 )

**2014**

2014201744 ( 5C ) 2014206235 ( 4A ) 2014208314 ( 5C )  
 2014210676 ( 14 ) 2014214879 ( 5C ) 2014215960 ( 4C )  
 2014215961 ( 14 ) 2014215980 ( 14 ) 2014216005 ( 4B )  
 2014216039 ( 4C ) 2014216043 ( 4A ) 2014216190 ( 5C )  
 2014226290 ( 25D ) 2014233695 ( 5C ) 2014235383 ( 5C )  
 2014235500 ( 5C ) 2014237965 ( 5C ) 2014256412 ( 5C )  
 2014266237 ( 4C ) 2014267844 ( 5C ) 2014292911 ( 5C )  
 2014298248 ( 5C ) 2014308549 ( 4C ) 2014308553 ( 4C )  
 2014308556 ( 4C ) 2014308673 ( 4C ) 2014308835 ( 4C )  
 2014308874 ( 4C ) 2014308877 ( 4D ) 2014310255 ( 14 )  
 2014310273 ( 14 ) 2014310404 ( 4D ) 2014310569 ( 4C )  
 2014310615 ( 14 ) 2014310930 ( 4C ) 2014311467 ( 4C )  
 2014311517 ( 5C ) 2014311524 ( 4C ) 2014311585 ( 4C )  
 2014315527 ( 4C ) 2014318219 ( 4C ) 2014319880 ( 4A )  
 2014323399 ( 14 ) 2014323737 ( 14 ) 2014336021 ( 25D )  
 2014359409 ( 5C ) 2014369013 ( 5C ) 2014404070 ( 4C )  
 2014404071 ( 4B ) 2014415265 ( 5C ) 2014415266 ( 5C )

**2015**

2015101147 ( 22E ) 2015101154 ( 22E ) 2015101160 ( 22E )  
 2015101937 ( 18C ) 2015201482 ( 5C ) 2015201662 ( 5C )  
 2015206110 ( 5C ) 2015224575 ( 5C ) 2015227154 ( 5C )  
 2015227307 ( 5C ) 2015228534 ( 5C ) 2015230839 ( 12A )  
 2015231321 ( 5C ) 2015238666 ( 25D ) 2015241514 ( 5C )  
 2015244725 ( 5C ) 2015246991 ( 5C ) 2015289193 ( 5C )  
 2015289922 ( 5C ) 2015344739 ( 5C ) 2015359359 ( 5C )  
 2015381240 ( 5C )

**2016**

2016101488 ( 22E ) 2016101495 ( 22E ) 2016101500 ( 22E )  
 2016101510 ( 22E ) 2016101794 ( 22G ) 2016102383 ( 22E )  
 2016206120 ( 5C ) 2016209906 ( 5C ) 2016210672 ( 5C )  
 2016211368 ( 5C ) 2016212555 ( 5C ) 2016217055 ( 5C )  
 2016228202 ( 4C ) 2016238436 ( 5C ) 2016247203 ( 5C )  
 2016250496 ( 5C ) 2016259318 ( 5C ) 2016261383 ( 5C )  
 2016265994 ( 5C ) 2016269461 ( 5C ) 2016273964 ( 5C )  
 2016274701 ( 25D ) 2016277749 ( 4C ) 2016282075 ( 25D )  
 2016284943 ( 5C ) 2016318212 ( 5C )

**2017**

2017200286 ( 4C ) 2017200287 ( 4C ) 2017200474 ( 5C )  
 2017200534 ( 5C ) 2017200770 ( 12C ) 2017201491 ( 5C )  
 2017201512 ( 5C ) 2017201575 ( 5C ) 2017201871 ( 5C )  
 2017201938 ( 5C ) 2017202209 ( 5C ) 2017202368 ( 5C )  
 2017202592 ( 5C ) 2017202631 ( 5C ) 2017202909 ( 5C )  
 2017202934 ( 5C ) 2017203012 ( 5C ) 2017203044 ( 4C )  
 2017203102 ( 5C ) 2017203137 ( 5C ) 2017203342 ( 5C )  
 2017203345 ( 5C ) 2017203699 ( 25D ) 2017203701 ( 25D )  
 2017204347 ( 5C ) 2017204796 ( 5C ) 2017208387 ( 5C )  
 2017210507 ( 5C ) 2017210520 ( 5C ) 2017216518 ( 5C )  
 2017261610 ( 4C ) 2017261636 ( 4C )

**2018**

2018100878 ( 21F ) 2018200627 ( 5CN ) 2018900759 ( 12AN )

**2019**

2019201290 ( 12A ) 2019900624 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014259603 Altaviz, LLC The application has been assigned to **Aicon Pharmaceuticals, Ltd.**

**2015**

2015200317 TRU-TEST LIMITED The application has been assigned to **Datamars SA**

2015221115 La Vecchia, Carmine; La Vecchia, Erminia The application has been assigned to **La Vecchia, Nunzio**

2015235840 Barkly Protects, Inc. The application has been assigned to **Alert Logic, Inc.**

2015270839 Tethis, Inc. The application has been assigned to **Anavo Technologies, LLC**

2015316243 Tru-Test Limited The application has been assigned to **Datamars SA**

2015319850 Jones, Mitchell; Progenity, Inc.; Drlik, Mark; Proch McMechan, Christian; Labbe, Alain The application has been assigned to **Progenity, Inc.**

2015323994 Destefano, Mark; Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

**2016**

2016210764 Filblast Pty Ltd The application has been assigned to **Fanca Technologies Pty Ltd**

2016225174 Warszawski Uniwersytet Medyczny; Instytut Farmaceutyczny The application has been assigned to **Warszawski Uniwersytet Medyczny**

2016243416 Veritas US IP Holdings LLC The application has been assigned to **VERITAS TECHNOLOGIES LLC**

2016266067 Tru-Test Limited The application has been assigned to **Datamars SA**

2016296130 Smart Wave Technologies Corp. The application has been assigned to **Smart Wave Technologies Inc.**

2016366302 HPPE, LLC The application has been assigned to **Integrity Bio-Chemicals, LLC**

2016372789 Therapeutics Inc. The application has been assigned to **Mayne Pharma LLC**

2016372790 Therapeutics Inc. The application has been assigned to **Mayne Pharma LLC**

**2017**

2017202444 Jury, Kevin The application has been assigned to **VOIDECK IPCO LIMITED**

**Assignments before Grant, Section 113**

2017202802 Stanley Security Solutions, Inc. The application has been assigned to **dormakaba USA Inc.**

2017204285 Illinois Tool Works Inc. The application has been assigned to **Anderson, Stephen; Anderson, Bruce**

2017210486 Filblast Pty Ltd The application has been assigned to **Fanca Technologies Pty Ltd**

2017212717 Zhou, Heyue The application has been assigned to **Sorrento Therapeutics, Inc.**

2017251721 Theranos, Inc. The application has been assigned to **Theranos IP Company, LLC**

2017262615 Bayer CropScience Aktiengesellschaft The application has been assigned to **BASF SE**

2017280065 Oregon Health and Science University; Aeras The application has been assigned to **International AIDS Vaccine Initiative, Inc.; Oregon Health and Science University**

2017285424 Aeras The application has been assigned to **International AIDS Vaccine Initiative, Inc.**

**2018**

2018201113 Tru-Test Limited The application has been assigned to **Datamars SA**

2018203728 Theranos, Inc. The application has been assigned to **Theranos IP Company, LLC**

2018204120 Theranos, Inc. The application has been assigned to **Theranos IP Company, LLC**

2018208691 Theranos, Inc. The application has been assigned to **Theranos IP Company, LLC**

2018213998 Theranos, Inc. The application has been assigned to **Theranos IP Company, LLC**

2018220082 Vactronix Scientific, Inc. The application has been assigned to **Vactronix Scientific, LLC**

2018264124 Vactronix Scientific, Inc. The application has been assigned to **Vactronix Scientific, LLC**

2018900580 Winson, Daniel The application has been assigned to **Agsensio Pty Ltd**

2018902308 Fisser, Maximilian; Alan Badcock, Rodney The application has been assigned to **Victoria Link Limited**

2018903168 Mega Group Australia Pty Ltd The application has been assigned to **Simply Professional Pty. Ltd.**

**Assignments before Grant, Section 113****2019**

2019900404 Harper, Eliot The application has been assigned to **AttributeValue Pty Ltd**

**Extensions of Time, Section 223****Applications Received**

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

**2002**

2002022980 **Warner, B.N.** An application to extend the time from 06 Mar 2017 to 06 Mar 2019 in which to pay the renewal fee has been filed . Address for service - Catalyst Intellectual Property PO Box Q1466 Queen Victoria Building NSW 1230 AU

**2010**

2010200255 **Institut National de la Recherche Agronomique** An application to extend the time from 05 Jul 2018 to 05 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2010266280 **Balanced Body, Inc.** An application to extend the time from 01 Jul 2018 to 01 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2017**

2017223404 **Biofire Defense, LLC** An application to extend the time from 22 Sep 2018 to 22 Mar 2019 in which to enter the national phase has been filed . Address for service - Kevin Ashby PO Box 900 Samford QLD 4520 AU

**Applications Allowed - Section 223(2)****2009**

2009200775 **Wyszynski, A.** The time in which to pay a continuation fee has been extended to 26 Nov 2018 . Address for service - Maya Sunny Honey Pty Ltd 14 Boronia Drive Voyager Point NSW 2172 AU

**2011**

2011206416 **Organica Zartkoruen Mukodo Reszvenytarsasag (Zrt.)** The time in which to pay a renewal fee has been extended to 13 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2011363948 **MAK Engineering Projects Pty Limited** The time in which to pay a continuation fee has been extended to 25 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2014**

2014244162 **Fluidic, Inc.** The time in which to pay a renewal fee has been extended to 13 Nov 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Extensions of Time, Section 223**

**2015**

2015336923 **Long, D.A.J.** The time in which to request examination has been extended to 04 Mar 2019 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2015354406 **Davies, C.** The time in which to request Examination has been extended to 24 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016279062 **The Broad Institute Inc.; Massachusetts Institute Of Technology; President And Fellows Of Harvard College; Rutgers, The State University Of New Jersey; Skolkovo Institute Of Science And Technology (skoltech); Koon, Eugene; Zhang, Feng; Wolf, Yuri I.; Shmakov, Sergey; Severinov, Konstantin; Semenova, Ekaterina; Minakhin, Leonid; Makarova, Kira S.; Konermann, Silvana; Joung, Julia; Gootenberg, Jonathan S.; Abudayyeh, Omar O.** The time in which to enter the National Phase has been extended to 18 Jul 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016279077 **The Broad Institute Inc.; Massachusetts Institute Of Technology; President And Fellows Of Harvard College; Rutgers, The State University Of New Jersey; Skolkovo Institute Of Science And Technology (skoltech); Severinov, Konstantin; Zhang, Feng; Wolf, Yuri I.; Shmakov, Sergey; Semenova, Ekaterina; Minakhin, Leonid; Makarova, Kira S.; Koonin, Eugene; Konermann, Silvana; Joung, Julia; Gootenberg, Jonathan S.; Abudayyeh, Omar O.; Lander, Eric S.** The time in which to enter the National Phase has been extended to 18 Jul 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016319403 **Savroc Ltd** The time in which to enter the National Phase has been extended to 09 Oct 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016406378 **Turun Yliopisto** The time in which to enter the National Phase has been extended to 09 Jan 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

**2017**

2017200156 **AUCKLAND UNISERVICES LIMITED** The time in which to pay a continuation fee has been extended to 09 Dec 2018 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2017263107 **Turun Yliopisto** The time in which to enter the National Phase has been extended to 09 Jan 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017283818 **Beestripe Llc** The time in which to enter the National Phase has been extended to 16 Mar 2019 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

**2018**

2018200568 **Johnson & Johnson Vision Care, Inc.** The time in which to pay a continuation fee has been extended to 28 Dec 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018256558 **Donovan Group NZ Limited; Donovan, B.N.; McColium, K.** The time in which to claim the convention priority date has been

**Extensions of Time, Section 223**

extended to 18 Nov 2018 . Address for service - Baldwins Intellectual Property L 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**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.

**2012**

2012262645 Improved barrier construction **Industrial Galvanizers Corporation Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2019 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

**2013**

2013202132 DETERMINING A NUCLEIC ACID SEQUENCE IMBALANCE USING MULTIPLE MARKERS **THE CHINESE UNIVERSITY OF HONG KONG** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2014**

2014373773 Compounds and methods of use **Medivation Technologies LLC** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014405569 Differential flowmeter tool **Micro Motion, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016265916 Security gate **Dorel Juvenile Group, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017101231 A Rotary Engine with Wear Plate **Billet Inco Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made**

**2012**

2012321092 **Terragen Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 29 Oct 2018

**Amendments****2014**

2014261928 **ZTE Corporation** The nature of the amendment is: Amend the invention title to read Method and device for processing interference, network control unit and user equipment

2014410207 **Kimberly-Clark Worldwide, Inc.** The nature of the amendment is: Amend the name of the inventor to read Robertson, John C.; Long, Andrew Mark; Sullivan, Shawn Jeffery and Boulos, Jonathan D.

**2015**

2015213678 **Respivant Sciences GmbH** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2018

**2016**

2016203509 **Land, B.** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2019

2016216697 **Relypsa, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2018

2016243922 **The Scripps Research Institute** The nature of the amendment is: Amend the name of the inventor to read Lerner, Richard A.; Zhang, Hongkai; Mc Donald, Patricia; Xie, Jia; Sturchler, Emmanuel and Dawson, Philip

2016247845 **Rosemount Analytical Inc.** The nature of the amendment is: Application is to proceed under the number 2016102411

2016256740 **Cheyne, B.** The nature of the amendment is: Application is to proceed under the number 2016102410

2016293900 **BrainOn Inc.** The nature of the amendment is: Amend the invention title to read COMPOSITION, CONTAINING EXTRACTS OF PHLOMIS UMBROSA TURCZ AND CYNANCHUM WILFORDII AS ACTIVE INGREDIENTS, FOR PROMOTING MOTOR ABILITY AND MUSCLES

2016342269 **Jounce Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Reeves, Jason Windham; Feldman, Igor; Harvey, Christopher; Sathyanarayanan, Sriram; Hirsch, Heather; Mackenzie, Lauren Pepper; Deshpande, Amit; Sazinsky, Stephen; Michaelson, Jennifer S. and Elpek, Kutlu Goksu

2016420618 **Volter Oy** The nature of the amendment is: Amend the invention title to read A Combined Heat and Power Plant and a Method for Improving the Burning Process in a Combined Heat and Power Plant

**2017**

2017230275 **Bayer CropScience Aktiengesellschaft** The nature of the amendment is: Amend the name of the inventor to read Scott, Henry C.

2017238223 **Visa International Service Association** The nature of the amendment is: Amend the name of the inventor to read Chitalia, Jalpesh; Purves, Thomas; Ansari, Ansar; Shastry, Vishwanath; Williams, Otto; Carvalho, Kevin; Chandoor, Madhuri; Gupta, Amit; Kannem-bath, Manoj and Shrauger, Samuel Blake

**Amendments**

2017263531 **Bayer Healthcare LLC; Baldwin, S.; Carpenter, S.; Kim, N.; Meyer, T.; Vancleave, J.** The nature of the amendment is as shown in the statement filed 19 Feb 2019

2017293206 **Yupo Corporation** The nature of the amendment is: Amend the invention title to read Electrostatic adsorbable laminated sheet and display material

2017293937 **Irani-Cohen, Z.; Laderman, E.; Biomerica, Inc.** The nature of the amendment is: Amend the priority details to read 62/359,909 08 Jul 2016 US

2017301071 **FG Innovation Company Limited; Sharp Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Terminal apparatus, base station apparatus, communication method, and integrated circuit

2017302668 **Novartis AG; The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the invention title to read Combination therapies of chimeric antigen receptors and PD-1 inhibitors

2017302774 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Base station apparatus, terminal apparatus, and communication method

2017303719 **FG Innovation Company Limited; Sharp Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Terminal apparatus, base station apparatus, communication method, and integrated circuit

2017306546 **Amgen Inc.** The nature of the amendment is: Amend the name of the inventor to read BEAVER, Matthew; Cui, Sheng and Shi, Xianqing

2017309001 **Dainihon Jochugiku Co., Ltd.** The nature of the amendment is: Amend the invention title to read Antifungal composition, antifungal spray product and antifungal method

2017309417 **Telefonaktiebolaget LM Ericsson (publ)** The nature of the amendment is: Amend the invention title to read New DCI formats for non-anchor operations

2017313632 **Joint Stock Company "BIOCAD"** The nature of the amendment is as shown in the statement filed 18 Feb 2019

2017313842 **InteKrin Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read PPARgamma AGONIST FOR TREATMENT OF BONE DISORDERS

2017321972 **Somnio Global Holdings, LLC** The nature of the amendment is: Amend the name of the inventor to read Mohanty, Pravansu S.; Golota, Volodymyr; Chunduri, Tejasvi; Swamy Naidu Ugapathy, Raj Siman; Appia, Vigneswaran Hirachand and Varadarajan, Vikram

2017327140 **Zeon Corporation; Yupo Corporation** The nature of the amendment is: Amend the invention title to read Laminated sheet and method for producing the same

**Amendments**

2017351537 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Indoor unit and air-conditioning apparatus

2017389652 **Gree Electric Appliances, Inc. Of Zhuhai** The nature of the amendment is: Amend the invention title to read AIR-SOURCE HEAT PUMP HEATER AND CONTROL METHOD AND APPARATUS FOR AIR-SOURCE HEAT PUMP HEATER

**2018**

2018201239 **Wellstat Therapeutics Corporation** The nature of the amendment is: Amend the name of the inventor to read Simpson, David M.; Zerby, Dennis Bryan; Lu, Ming; Von Borstel, Reid W.; Li, Rui; Reading, Julian and Wolpe, Stephen

2018201254 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Karunamuni, Chanaka G.; Alonso Ruiz, Marcos; De Vries, Nathan; Walkin, Brandon M.; Lemay, Stephen O.; Foss, Christopher P.; Stack, Caelan G.; Bernstein, Jeffrey T.; Missig, Julian K.; Dong, Linda L.; Kedia, Shubham; Wan, Wan Si; Tyler, William M.; Suh, Bongsoo and Navidpour, Seyed M.

2018201419 **Chenghuei KU** The nature of the amendment is: Amend the name of the inventor to read KU, Chenghuei

2018203465 **Mazarick, M.** The nature of the amendment is: Amend the priority details to read 15/688,836 28 Aug 2017 US

2018267537 **Accenture Global Solutions Limited** The nature of the amendment is: Amend the priority details to read 2017208239 and 2017228695

2018903784 **Envision Sciences Pty Ltd** The nature of the amendment is: Amend the invention title to read Methods for Confirming Detection and Evaluating the Progression of a Cancer

**2019**

2019100013 **DRÄGER SAFETY AG & CO. KGAA** The nature of the amendment is: Amend the priority details to read PCT/EP2018/072002

2019201134 **22nd Century Limited, LLC** The nature of the amendment is: Amend the name of the inventor to read HASHIMOTO, Takashi and KATO, Akira

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

**2002**

2002356468 Millennium Technology Limited The name of the patentee has been altered to **MillenTech Limited**

**2007**

2007291884 SenSen Networks Pty Ltd The name of the patentee has been altered to **SENSEN NETWORKS GROUP PTY LTD**

**2010**

2010295307 Pharmacorp CC The name of the patentee has been altered to **Pharmacorp (Pty) Ltd**

**Amendments**

**2011**

2011221882 Dematic Systems GmbH The name of the patentee has been altered to **Dematic GmbH**

2011275902 Dematic Systems GmbH The name of the patentee has been altered to **Dematic GmbH**

2011308863 Dematic Systems GmbH The name of the patentee has been altered to **Dematic GmbH**

**2012**

2012213681 Dematic Systems GmbH The name of the patentee has been altered to **Dematic GmbH**

2012347786 Colabs The name of the patentee has been altered to **CoLabs Medical, Inc.**

**2013**

2013204065 C3-Jian, Inc.; The Regents of the University of California The name of the patentee has been altered to **C3 Jian, LLC; The Regents of the University of California**

**2014**

2014398171 Bullseye Pumps Pty Ltd The name of the applicant has been altered to **Solidsvac Pty Ltd**

**2015**

2015241373 Kirin-Amgen, Inc. The name of the applicant has been altered to **Amgen K-A, Inc.**

2015289504 Biocurity Holdings, Inc. The name of the applicant has been altered to **BioCurity Pharmaceuticals Inc.**

2015336923 Long, Dale Arthur John The name of the applicant has been altered to **Power, S.; Long, D.A.J.**

2015409253 SCA Hygiene Products AB. The name of the patentee has been altered to **Essity Hygiene and Health Aktiebolag**

2015409412 SCA Hygiene Products AB. The name of the patentee has been altered to **Essity Hygiene and Health Aktiebolag**

2015410208 SCA Hygiene Products AB. The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**

2015410275 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**

2015410277 SCA Hygiene Products AB The name of the applicant has been altered to **Essity Hygiene and Health Aktiebolag**

2015410598 SCA Hygiene Products AB. The name of the patentee has been altered to **Essity Hygiene and Health Aktiebolag**

**2016**

2016228293 C3-Jian, Inc.; The Regents of the University of California The name of the patentee has been altered to **C3 Jian, LLC; The Regents of the University of California**

**Amendments**

2016229798 Cytex Industries, Inc. The name of the applicant has been altered to **Cytex Industries Inc.**

2016254147 Nanofiber Solutions, Inc. The name of the applicant has been altered to **Nanofiber Solutions, LLC**

**2017**

2017238201 The Regents of the University of California The name of the applicant has been altered to **Nanotech Energy, Inc.; The Regents of the University of California**

2017261372 Triastek, Inc The name of the applicant has been altered to **Triastek, Inc.**

2017313839 Intekrin Therapeutics, Inc. The name of the applicant has been altered to **InteKrin Therapeutics, Inc.**

2017359115 Biosurgical S.l The name of the applicant has been altered to **Biosurgical S.L.**

**2018**

2018900961 CSL Limited; RMIT University The name of the applicant has been altered to **CSL Limited**

2018902728 Made From Good Deeds The name of the applicant has been altered to **Hadiwibawa, C.**

**2019**

2019201236 Nanofiber Solutions, Inc. The name of the applicant has been altered to **Nanofiber Solutions, LLC**

2019900588 Lin, Yen The name of the applicant has been altered to **Lim, Y.**

**Amendments Made Under Section 105**

Court Order by the Federal Court of New South Wales, NSD 656 of 2017  
Australian Patent/Patent Application 2002326114 in the name of Neurim Pharmaceuticals (1991) Ltd.  
The amendments advertised in the Official Journal of Patents dated 01 Jun 2017 have been made in accordance with a Court Order 19 Feb 2019 .

Applications Open to Public Inspection

Name Index

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

---

(71) 8 Rivers Capital, LLC  
 (11) AU-A-2019201409  
 (21) 2019201409 (22) 28.02.2019  
 (54) Method and system for power production with improved efficiency  
 (51) Int. Cl.  
*F02C 3/34* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015287965  
 (72) ALLAM, Rodney John; FORREST, Brock Alan; FETVEDT, Jeremy Eron  
 (74) Griffith Hack

---

(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2019201453  
 (21) 2019201453 (22) 01.03.2019  
 (54) Method and apparatus for determining medication dose information  
 (51) Int. Cl.  
*A61M 31/00* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017228654  
 (72) Taub, Marc Barry; Budiman, Erwin Satrya; Karan, Jai; Dunn, Timothy Christian  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Abraxis BioScience, LLC  
 (11) AU-A-2019201357  
 (21) 2019201357 (22) 27.02.2019  
 (54) METHODS OF TREATMENT OF PEDI-  
 ATRIC SOLID TUMOR  
 (51) Int. Cl.  
*A61K 31/337* ( 2006.01 )  
*A61K 47/42* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014228386  
 (72) BENETTAIB, Bouchra; ELIAS, Ileana; RENSCHLER, Markus; DESAI, Neil P.  
 (74) AJ PARK

---

(71) Acorn Engineering Company  
 (11) AU-A-2018226463  
 (21) 2018226463 (22) 06.09.2018  
 (54) Pneumatic controller  
 (51) Int. Cl.  
*G05D 7/06* ( 2006.01 )  
*F16K 7/00* ( 2006.01 )  
*F16K 7/07* ( 2006.01 )  
*F16K 7/16* ( 2006.01 )  
 (31) 15/698,116 (32) 07.09.17 (33) US  
 (43) 21.03.2019  
 (72) GALEAZZI, Carlos J.; ZINN, Thomas Kent; HAHN, Ronald T.  
 (74) Spruson & Ferguson

---

(71) Actuant Corporation  
 (11) AU-A-2018222981

(21) 2018222981 (22) 30.08.2018  
 (54) Hybrid spring for a hydraulic cylinder  
 (51) Int. Cl.  
*F15B 15/14* ( 2006.01 )  
*F16J 10/00* ( 2006.01 )  
 (31) 62/553,338 (32) 01.09.17 (33) US  
 (43) 21.03.2019  
 (72) STANFORD, Frantz  
 (74) Griffith Hack

---

(71) Adobe Inc.  
 (11) AU-A-2018213997  
 (21) 2018213997 (22) 07.08.2018  
 (54) SELF-LEARNING MODEL AND AP-  
 PARATUS FOR SMART FEATURE  
 SUGGESTIONS BASED ON TEXTUAL  
 ANALYSIS  
 (51) Int. Cl.  
*G06F 17/27* ( 2006.01 )  
 (31) 15/694,173 (32) 01.09.17 (33) US  
 (43) 21.03.2019  
 (72) Ali, Mohammad Javed; Jain, Arihant; Murarka, Ankur; Gaurav, Amit; Rastogi, Mudit  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) AGIT GLOBAL IP HOLDINGS, LLC  
 (11) AU-A-2018226459  
 (21) 2018226459 (22) 06.09.2018  
 (54) SURFBOARD STRUCTURE WITH FIN  
 ASSEMBLY  
 (51) Int. Cl.  
*B63B 35/79* ( 2006.01 )  
 (31) 106130572 (32) 07.09.17 (33) TW  
 (43) 21.03.2019  
 (72) YEH, Tzong In  
 (74) AJ PARK

---

(71) Alios BioPharma, Inc.  
 (11) AU-A-2019201403  
 (21) 2019201403 (22) 28.02.2019  
 (54) Aza-pyridone compounds and uses thereof  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014318832  
 (72) Beigelman, Leonid; Smith, David Bernard; Stoycheva, Antitsa Dimitrova; Hendricks, Robert Than  
 (74) Shelston IP Pty Ltd.

---

**Alkahest, Inc. see The Board of Trustees of the Leland Stanford Junior University**  
 (21) 2019201337

---

(71) Allied-Tek (Thailand) Company Limited  
 (11) AU-A-2019201401  
 (21) 2019201401 (22) 28.02.2019  
 (54) TIPPER PLATFORM  
 (51) Int. Cl.  
*B65G 67/40* ( 2006.01 )  
*B65G 67/32* ( 2006.01 )  
*B66F 7/22* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017370316  
 (72) Pongkachorn, Somporn; Pongkachorn, Saniva; Sukthuyat, Nawin  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Alpharma Pharmaceuticals, LLC  
 (11) AU-A-2019201397  
 (21) 2019201397 (22) 27.02.2019  
 (54) Formulations and methods for attenuat-  
 ing respiratory depression induced by  
 opioid overdose  
 (51) Int. Cl.  
*A61K 9/50* ( 2006.01 )  
*A61K 31/485* ( 2006.01 )  
*A61P 11/16* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017213491  
 (72) Lamson, Michael J.; Goli, Veeraindar  
 (74) Davies Collison Cave Pty Ltd

---

(71) ALSTOM Transport Technologies  
 (11) AU-A-2018222956  
 (21) 2018222956 (22) 29.08.2018  
 (54) Method for controlling the circulation of  
 vehicles in a network  
 (51) Int. Cl.  
*B61L 27/00* ( 2006.01 )  
*G06F 17/00* ( 2006.01 )  
*H04L 12/00* ( 2006.01 )  
 (31) 17 58096 (32) 01.09.17 (33) FR  
 (43) 21.03.2019  
 (72) Bresson, Mathieu; Ballesteros, Javier  
 (74) Davies Collison Cave Pty Ltd

---

(71) AMO Groningen B.V.  
 (11) AU-A-2019201360  
 (21) 2019201360 (22) 27.02.2019  
 (54) Lenses systems and methods for  
 providing binocular customized treat-  
 ments to correct presbyopia  
 (51) Int. Cl.  
*A61F 2/16* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2013353764  
 (72) Canovas, Carmen Vidal; Van Der  
 Mooren, Marrie H.; Franssen, Luuk;  
 Weeber, Hendrik A.  
 (74) FPA Patent Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- (71) AMO Wavefront Sciences, LLC.  
 (11) AU-A-2019201457  
 (21) 2019201457 (22) 01.03.2019  
 (54) Method of qualifying light spots for optical measurements and measurement instrument employing method of qualifying light spots  
 (51) Int. Cl.  
 A61B 3/10 ( 2006.01 )  
 A61B 3/103 ( 2006.01 )  
 A61B 3/107 ( 2006.01 )  
 A61B 3/117 ( 2006.01 )  
 G01B 11/25 ( 2006.01 )  
 G01M 11/02 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017202831  
 (72) Raymond, Thomas D.; Dixon, John Grant; Farrer, Stephen W.; Xiong, Wei; Neal, Daniel R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Amydis Diagnostics, Inc.; The Regents of the University of California  
 (11) AU-A-2019201325  
 (21) 2019201325 (22) 26.02.2019  
 (54) AMYLOID TARGETING AGENTS AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
 C07D 401/14 ( 2006.01 )  
 C07C 255/58 ( 2006.01 )  
 C07C 255/59 ( 2006.01 )  
 C07C 311/35 ( 2006.01 )  
 C07D 241/04 ( 2006.01 )  
 C07D 333/22 ( 2006.01 )  
 C07D 401/04 ( 2006.01 )  
 C07D 405/04 ( 2006.01 )  
 C07D 405/10 ( 2006.01 )  
 C07D 407/10 ( 2006.01 )  
 C07D 409/04 ( 2006.01 )  
 C07D 409/10 ( 2006.01 )  
 C07D 409/14 ( 2006.01 )  
 C07H 13/00 ( 2006.01 )  
 C07H 13/04 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015231239  
 (72) Yang, Jerry; Theodorakis, Emmanuel A.; Sarraf, Stella  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2019201374  
 (21) 2019201374 (22) 27.02.2019  
 (54) Synchronization and verification groups among related devices  
 (51) Int. Cl.  
 H04W 4/08 ( 2009.01 )  
 H04L 29/08 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016271071  
 (72) ADLER, Mitchell D.; BROUWER, Michael; WHALLEY, Andrew R.; HURLEY, John C.; MURPHY, Richard F.; FINKELSTEIN, David P.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2019201452  
 (21) 2019201452 (22) 01.03.2019
- 
- (54) Attachment apparatuses and associated methods of use and manufacture  
 (51) Int. Cl.  
 A41F 1/00 ( 2006.01 )  
 A43C 1/00 ( 2006.01 )  
 A45C 13/00 ( 2006.01 )  
 A45C 13/10 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017201586  
 (72) RUSSELL-CLARKE, Peter N.; HANKEY, Evans; HOENIG, Julian; ROHRBACH, Matthew D.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Aqseptence Group Pty Ltd  
 (11) AU-A-2018203109  
 (21) 2018203109 (22) 04.05.2018  
 (54) Sieve bend  
 (51) Int. Cl.  
 B07B 1/12 ( 2006.01 )  
 B07B 1/46 ( 2006.01 )  
 (31) 2017903598 (32) 06.09.17 (33) AU  
 (43) 21.03.2019  
 (72) LAZZARINI, David John; CAJEE, Yusuf; SOLOMON, Ian Robert  
 (74) FB Rice Pty Ltd
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204307  
 (21) 2018204307 (22) 15.06.2018  
 (54) A GAMING DEVICE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 (31) 62/553,983 (32) 04.09.17 (33) US  
 15/916,038 08.03.18 US  
 (43) 21.03.2019  
 (72) PENACHO, Gary Joseph; TUOMEY, Thomas  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204310  
 (21) 2018204310 (22) 15.06.2018  
 (54) A GAMING MACHINE  
 (51) Int. Cl.  
 A63F 13/00 ( 2014.01 )  
 A63F 13/50 ( 2014.01 )  
 G07F 17/00 ( 2006.01 )  
 G07F 17/34 ( 2006.01 )  
 (31) 62/553,990 (32) 04.09.17 (33) US  
 (43) 21.03.2019  
 (72) PENACHO, Gary Joseph; TUOMEY, Thomas  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204312  
 (21) 2018204312 (22) 15.06.2018  
 (54) A GAMING MACHINE  
 (51) Int. Cl.  
 A63F 13/50 ( 2014.01 )  
 A63F 13/00 ( 2014.01 )  
 G07F 17/00 ( 2006.01 )  
 (31) 62/553,990 (32) 04.09.17 (33) US
- 
- (43) 21.03.2019  
 (72) PENACHO, Gary Joseph; TUOMEY, Thomas; HENDRICKS, Bradley  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204323  
 (21) 2018204323 (22) 15.06.2018  
 (54) A GAMING MACHINE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 (31) 15/694,959 (32) 04.09.17 (33) US  
 (43) 21.03.2019  
 (72) MEYER, Jason; SANDERS, Liam; CHAN, Matthew; BATSIOKIS, Amy  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204797  
 (21) 2018204797 (22) 29.06.2018  
 (54) AN ELECTRONIC GAMING MACHINE WITH BASE GAMES AND UPGRADED FREE FEATURE GAMES WITH MULTIPLE VERSIONS DISPLAYED  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 A63F 13/45 ( 2014.01 )  
 (31) 62/554,402 (32) 05.09.17 (33) US  
 (43) 21.03.2019  
 (72) KENDALL, Karen; BATSIOKIS, Amy  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018222966  
 (21) 2018222966 (22) 29.08.2018  
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 A63F 9/24 ( 2006.01 )  
 A63F 13/00 ( 2014.01 )  
 (31) 2017903582 (32) 05.09.17 (33) AU  
 (43) 21.03.2019  
 (72) BRYANT, Natalie; CRISPINO, Oliver  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018223050  
 (21) 2018223050 (22) 31.08.2018  
 (54) GAMING SYSTEM AND METHOD OF GAMING  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 (31) 62/553,980 (32) 04.09.17 (33) US  
 16/059,878 09.08.18 US  
 (43) 21.03.2019  
 (72) REYNOLDS, Christopher; BURCZYK, Damien; PIPPIN, Adam  
 (74) Griffith Hack
-

Applications Open to Public Inspection - Name Index cont'd

- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018223055  
 (21) 2018223055 (22) 31.08.2018  
 (54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC GAME INCLUDING A WHEEL BASED BONUS GAME  
 (51) Int. Cl.  
 A63F 13/45 ( 2014.01 )  
 G07F 17/32 ( 2006.01 )  
 (31) 16/109,048 (32) 22.08.18 (33) US  
 62/553,241 01.09.17 US  
 (43) 21.03.2019  
 (72) LOADER, James; CHAN, Matthew  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018223057  
 (21) 2018223057 (22) 31.08.2018  
 (54) GAMING SYSTEM AD METHOD OF GAMING  
 (51) Int. Cl.  
 A63F 13/52 ( 2014.01 )  
 A63F 13/26 ( 2014.01 )  
 (31) 62/553,974 (32) 04.09.17 (33) US  
 16/117,237 30.08.18 US  
 (43) 21.03.2019  
 (72) MARKS, Daniel  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018223059  
 (21) 2018223059 (22) 31.08.2018  
 (54) ITERATIVE RE-SPIN PROCESS FOR ELECTRONIC GAMING MACHINE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 (31) 62/554,299 (32) 05.09.17 (33) US  
 16/118,152 30.08.18 US  
 (43) 21.03.2019  
 (72) SATTERLIE, Eric  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201436  
 (21) 2019201436 (22) 28.02.2019  
 (54) A METHOD AND SYSTEM FOR SETTING DISPLAY RESOLUTION  
 (51) Int. Cl.  
 G06F 3/14 ( 2006.01 )  
 G09G 5/00 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017200705  
 (72) NEDELJKOVIC, Petar; GERRONE, Peter John; TOMICIC, Zoran  
 (74) Griffith Hack
- 
- (71) Array BioPharma Inc.  
 (11) AU-A-2019201400  
 (21) 2019201400 (22) 27.02.2019  
 (54) 1-((3S,4R)-4-(3-FLUOROPHENYL)-1-(2-METHOXYETHYL)PYRROLIDIN-3-YL)-3-(4-METHYL-3-(2-METHYL-PYRIMIDIN-5-YL)-1-PHENYL-1H-PYRAZOL-5-YL)UREA AS A TRKA KINASE INHIBITOR  
 (51) Int. Cl.  
 C07D 403/12 ( 2006.01 )  
 A61K 31/4155 ( 2006.01 )  
 C07D 401/14 ( 2006.01 )  
 C07D 403/14 ( 2006.01 )  
 C07D 405/14 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015259075  
 (72) Allen, Shelley; Andrews, Steven W.; Baer, Brian; Crane, Zackary; Liu, Weidong; Watson, Daniel John  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Ashworth Bros., Inc.  
 (11) AU-A-2019201420  
 (21) 2019201420 (22) 28.02.2019  
 (54) Spiral conveyor system  
 (51) Int. Cl.  
 B65G 21/18 ( 2006.01 )  
 B65G 17/06 ( 2006.01 )  
 B65G 17/30 ( 2006.01 )  
 B65G 17/38 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016297781  
 (72) Neely, Darroll Joseph; Hobbs, Bryan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Asphalt Systems, Inc.  
 (11) AU-A-2018201587  
 (21) 2018201587 (22) 06.03.2018  
 (54) Coating system for asphalt and related methods  
 (51) Int. Cl.  
 C09D 195/00 ( 2006.01 )  
 C08L 9/08 ( 2006.01 )  
 C08L 95/00 ( 2006.01 )  
 C09D 109/08 ( 2006.01 )  
 (31) 15/691,248 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (72) LaRusso, Joseph; Grose, Bradley Richard  
 (74) Baldwins Intellectual Property
- 
- (71) ATI Properties LLC  
 (11) AU-A-2019201439  
 (21) 2019201439 (22) 28.02.2019  
 (54) ENHANCED TECHNIQUES FOR CENTRIFUGAL CASTING OF MOL-TEN MATERIALS  
 (51) Int. Cl.  
 B22D 13/06 ( 2006.01 )  
 B22C 9/08 ( 2006.01 )  
 B22D 13/10 ( 2006.01 )  
 B22D 27/04 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016204925  
 (72) FOLTZ IV, John W.; MARTINEZ-AYERS, Raul A.; FOSDICK, Aaron L.  
 (74) K&L Gates
- 
- (71) AUCKLAND UNISERVICES LIMITED  
 (11) AU-A-2019200884  
 (21) 2019200884 (22) 08.02.2019
- 
- (71) Amino acid and peptide conjugates and conjugation process  
 (51) Int. Cl.  
 C07C 227/16 ( 2006.01 )  
 C07C 229/02 ( 2006.01 )  
 C07C 321/12 ( 2006.01 )  
 C07K 1/02 ( 2006.01 )  
 C07K 14/00 ( 2006.01 )  
 C07K 14/435 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014300503  
 (72) WRIGHT, Thomas Hugh; BRIMBLE, Margaret Anne; DUNBAR, Peter Roderick; WILLIAMS, Geoffrey Martyn  
 (74) AJ PARK
- 
- (71) AWOIS, LLC  
 (11) AU-A-2017279708  
 (21) 2017279708 (22) 21.12.2017  
 (54) METHOD AND SYSTEM FOR DISPENSING LAUNDRY CHEMISTRY BASED UPON OZONE CONCENTRATION  
 (51) Int. Cl.  
 D06F 35/00 ( 2006.01 )  
 (31) 15/690,550 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (72) DANIELS, Ralph G.  
 (74) Adams Pluck
- 
- (71) Baker, W.  
 (11) AU-A-2017221884  
 (21) 2017221884 (22) 02.09.2017  
 (54) The "Foot Keyboard" is a computer key system that aims to replicate the functional controls of a normal keyboard on the floor. This is effective for people with limited use of their hands who find it difficult to use two functions at one time. The keyboard is not limited to one control. It has multi functions that include the TAB, SHIFT, CONTROL, ESC, ENTER and ALT keys. This is not limited as any key control could be wired to the floor pad as required.  
 (51) Int. Cl.  
 G06F 3/02 ( 2006.01 )  
 (43) 21.03.2019  
 (72) Baker, William Owen  
 (74) William Owen Baker
- 
- (71) Bayer Intellectual Property GmbH  
 (11) AU-A-2019201365  
 (21) 2019201365 (22) 27.02.2019  
 (54) Substituted picolinic acids and pyrimidine-4-carboxylic acids, method for the production thereof, and use thereof as herbicides and plant growth regulators  
 (51) Int. Cl.  
 C07D 401/04 ( 2006.01 )  
 A01N 43/40 ( 2006.01 )  
 C07D 403/04 ( 2006.01 )  
 C07D 405/04 ( 2006.01 )  
 C07D 409/04 ( 2006.01 )  
 C07D 413/04 ( 2006.01 )  
 C07D 417/04 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 21.03.2019  
 (62) 2017204231  
 (72) Gerhard Hoffmann, Michael; Brunjes, Marco; Doller, Uwe; Dietrich, Hans-Jorg; Hauser-Hahn, Isolde; Rosinger, Christopher Hugh; Gatzweiler, Elmar; Heinemann, Ines  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2019201351  
 (21) 2019201351 (22) 26.02.2019  
 (54) Recycled resin compositions and disposable medical devices made therefrom  
 (51) Int. Cl.  
**A61M 5/315** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017261528  
 (72) Kulshrestha, Ankur S.; Yevmenenko, Yan; Kommireddy, Dinesh S.; Wong, Andrew; Mottahed, Behzad; Quinn, Michael V.; Calistri-Yeh, Mildred; Amora, Lourdes Pia L.  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2019201418  
 (21) 2019201418 (22) 28.02.2019  
 (54) External files for distribution of molecular diagnostic tests and determination of compatibility between tests  
 (51) Int. Cl.  
**G01N 35/00** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016265968  
 (72) Steel, Adam; Wojeck, Thomas; Young, Mlke; Larsen, Mark  
 (74) FB Rice Pty Ltd
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018211319  
 (21) 2018211319 (22) 03.08.2018  
 (54) A MEDICAL PATCH FOR SIMULTANEOUSLY SENSING ECG SIGNALS AND IMPEDANCE-INDICATIVE ELECTRICAL SIGNALS  
 (51) Int. Cl.  
**A61B 5/0408** ( 2006.01 )  
**A61B 5/053** ( 2006.01 )  
**A61B 5/06** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )  
 (31) 15/689,177 (32) 29.08.17 (33) US  
 (43) 21.03.2019  
 (72) Govari, Assaf  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018211321  
 (21) 2018211321 (22) 03.08.2018  
 (54) HETERODYNE-MIMICKING ADAPTER  
 (51) Int. Cl.  
**A61B 50/00** ( 2016.01 )  
**H01R 31/06** ( 2006.01 )  
 (31) 15/689,677 (32) 29.08.17 (33) US

- (43) 21.03.2019  
 (72) Govari, Assaf; Gliner, Vadim  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018220134  
 (21) 2018220134 (22) 24.08.2018  
 (54) MESH FITTING ALGORITHM  
 (51) Int. Cl.  
**A61B 5/0432** ( 2006.01 )  
**A61B 5/0408** ( 2006.01 )  
 (31) 15/696,975 (32) 06.09.17 (33) US  
 (43) 21.03.2019  
 (72) Cohen, Benjamin; Zar, Lior; Katz, Natan Sharon; Turgeman, Aharon  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018223017  
 (21) 2018223017 (22) 31.08.2018  
 (54) ENT GUIDEWIRE WITH CAMERA ON TIP  
 (51) Int. Cl.  
**A61B 1/04** ( 2006.01 )  
**A61B 1/05** ( 2006.01 )  
**A61B 1/227** ( 2006.01 )  
**A61B 1/233** ( 2006.01 )  
 (31) 62/554,922 (32) 06.09.17 (33) US  
 16/101,503 12.08.18 US  
 (43) 21.03.2019  
 (72) Govari, Assaf; Algawi, Yehuda; Sitnitsky, Ilya  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018223018  
 (21) 2018223018 (22) 31.08.2018  
 (54) SINGLE HANDED ENT TOOL  
 (51) Int. Cl.  
**A61B 1/05** ( 2006.01 )  
**A61B 1/04** ( 2006.01 )  
**A61B 1/233** ( 2006.01 )  
 (31) 16/101,502 (32) 12.08.18 (33) US  
 62/554,894 06.09.17 US  
 (43) 21.03.2019  
 (72) Govari, Assaf; Algawi, Yehuda; Sitnitsky, Ilya  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018223019  
 (21) 2018223019 (22) 31.08.2018  
 (54) METHOD AND APPARATUS FOR ENHANCEMENT OF BRONCHIAL AIRWAYS REPRESENTATIONS USING VASCULAR MORPHOLOGY  
 (51) Int. Cl.  
**G06T 15/00** ( 2011.01 )  
**A61B 5/06** ( 2006.01 )  
 (31) 15/696,519 (32) 06.09.17 (33) US  
 (43) 21.03.2019  
 (72) Zoabi, Akram; Zrihem, Yaniv Ben; Dekel, Zvi  
 (74) Spruson & Ferguson

- (71) BIRMINGHAM, P.  
 (11) AU-A-2017221886  
 (21) 2017221886 (22) 04.09.2017  
 (54) Method and device for joint replacement  
 (51) Int. Cl.  
**A61F 2/34** ( 2006.01 )  
 (43) 21.03.2019  
 (72) BIRMINGHAM, Patrick  
 (74) Griffith Hack
- 
- (71) Bitstrata Systems Inc.  
 (11) AU-A-2019201429  
 (21) 2019201429 (22) 28.02.2019  
 (54) System and method for measuring grain cart weight  
 (51) Int. Cl.  
**G01G 19/08** ( 2006.01 )  
**A01D 41/00** ( 2006.01 )  
**A01D 90/02** ( 2006.01 )  
**G01G 19/12** ( 2006.01 )  
**G01G 23/01** ( 2006.01 )  
**G01G 23/18** ( 2006.01 )  
**G01S 1/00** ( 2006.01 )  
**G06Q 50/02** ( 2012.01 )  
 (43) 21.03.2019  
 (62) 2014411244  
 (72) Meier, Ian; Lockerbie, Michael  
 (74) FB Rice Pty Ltd
- 
- (71) Britax Romer Kindersicherheit GmbH  
 (11) AU-A-2018226466  
 (21) 2018226466 (22) 06.09.2018  
 (54) CHILD SAFETY SEAT WITH HEADREST HEIGHT ADJUSTMENT MECHANISM  
 (51) Int. Cl.  
**B60N 2/28** ( 2006.01 )  
 (31) 17001495.5 (32) 06.09.17 (33) EP  
 (43) 21.03.2019  
 (72) Schmitz, Michael; Henseler, Richard  
 (74) Madderns Pty Ltd
- 
- (71) Bugdojo Holdings Pty Ltd  
 (11) AU-A-2018202545  
 (21) 2018202545 (22) 11.04.2018  
 (54) Communication Platform for Software Testing  
 (51) Int. Cl.  
**G06F 11/36** ( 2006.01 )  
 (31) 2017903590 (32) 05.09.17 (33) AU  
 (43) 21.03.2019  
 (72) CONWAY, Ashley  
 (74) FB Rice Pty Ltd
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2017225006  
 (21) 2017225006 (22) 05.09.2017  
 (54) Use of PDL measurement properties to adjust scaling for optimised physical measurement  
 (51) Int. Cl.  
**G06T 3/40** ( 2006.01 )  
**G06F 3/14** ( 2006.01 )  
 (43) 21.03.2019  
 (72) Wyatt, Peter Vincent; Liu, Jun  
 (74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2017225022  
 (21) 2017225022 (22) 05.09.2017  
 (54) Method, system and apparatus for processing image data  
 (51) Int. Cl.  
*G06T 11/60* ( 2006.01 )  
 (43) 21.03.2019  
 (72) Slack-Smith, Delilah Gloria  
 (74) Spruson & Ferguson
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2017225023  
 (21) 2017225023 (22) 05.09.2017  
 (54) System and method for determining a camera pose  
 (51) Int. Cl.  
*G06K 9/52* ( 2006.01 )  
*G06T 7/60* ( 2017.01 )  
 (43) 21.03.2019  
 (72) Fletcher, Peter Alleine; Morgan-Mar, David Peter; Arnison, Matthew Raphael; Mason, Timothy Stephen  
 (74) Spruson & Ferguson
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2017225027  
 (21) 2017225027 (22) 05.09.2017  
 (54) Method, apparatus and system for encoding and decoding video data  
 (51) Int. Cl.  
*H04N 19/00* ( 2014.01 )  
 (43) 21.03.2019  
 (72) Dorrell, Andrew James  
 (74) Spruson & Ferguson
- 
- (71) CARDIOVASCULAR BIOTHERAPEUTICS, INC.  
 (11) AU-A-2019201407  
 (21) 2019201407 (22) 28.02.2019  
 (54) Angiogenic compositions for wounds, articular joints and graft materials  
 (51) Int. Cl.  
*A61K 38/18* ( 2006.01 )  
*A61K 49/04* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014228170  
 (72) GARDNER, Vance; THOMAS, Kenneth; YU, Hon; ANDERSON, Edwin  
 (74) Griffith Hack
- 
- (71) Caterpillar Inc.  
 (11) AU-A-2018220043  
 (21) 2018220043 (22) 22.08.2018  
 (54) SYSTEM AND METHOD FOR DETERMINING A HEALTH STATUS OF A TANK  
 (51) Int. Cl.  
*F15B 19/00* ( 2006.01 )  
*G05B 23/00* ( 2006.01 )  
 (31) 15/690,389 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (72) BRINKMAN, Jason; CARPENTER, Richard Andrew  
 (74) FPA Patent Attorneys Pty Ltd

- 
- (71) CEDA Services and Projects LP  
 (11) AU-A-2018226412  
 (21) 2018226412 (22) 04.09.2018  
 (54) PROCESS TO OBTAIN THIN LAYERS OF DRIED AND CONSOLIDATED MATURE FINES TAILINGS  
 (51) Int. Cl.  
*B03B 5/68* ( 2006.01 )  
*B01D 24/02* ( 2006.01 )  
 (31) 62/554,416 (32) 05.09.17 (33) US  
 (43) 21.03.2019  
 (72) Gates, Ian D.; Wang, Jingyi; Fried, Spencer; Su, Yi  
 (74) Madderns Pty Ltd
- 
- (71) Celgene Quanticel Research, Inc.  
 (11) AU-A-2019201352  
 (21) 2019201352 (22) 26.02.2019  
 (54) Bromodomain inhibitors  
 (51) Int. Cl.  
*C07D 211/94* ( 2006.01 )  
*A61K 31/472* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61K 31/501* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014337064  
 (72) BENNETT, Michael John; BETAN-CORT, Juan Manuel; BOLOOR, Amogh; KALDOR, Stephen W.; STAFFORD, Jeffrey Alan; VEAL, James Marvin  
 (74) Spruson & Ferguson
- 
- (71) Clinical Genomics Pty. Ltd.  
 (11) AU-A-2019201419  
 (21) 2019201419 (22) 28.02.2019  
 (54) A method of screening for colorectal cancer  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2013262435  
 (72) Lapointe, Lawrence Charles; Pedersen, Susanne K.; Baker, Rohan; Gaur, Snigdha; Thomas, Melissa  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Clover Network, Inc.  
 (11) AU-A-2018200864  
 (21) 2018200864 (22) 06.02.2018  
 (54) Multi-use near field communication front end on a point of sale system  
 (51) Int. Cl.  
*G06Q 20/20* ( 2012.01 )  
*G06F 9/48* ( 2006.01 )  
*H04B 5/00* ( 2006.01 )  
 (31) 15/698,462 (32) 07.09.17 (33) US  
 (43) 21.03.2019  
 (72) PATWARDHAN, Ketan; GO-PALAKRISHNAN, Narayanan; PAN, Victor; CASTILLO, James  
 (74) Spruson & Ferguson

- 
- Commonwealth Scientific and Industrial Research Organisation see Cotton Seed Distributors Ltd  
 (21) 2017221847
- 
- Commonwealth Scientific and Industrial Research Organisation see Cotton Seed Distributors Ltd  
 (21) 2017221848
- 
- (71) Computime, Ltd.  
 (11) AU-A-2018214046  
 (21) 2018214046 (22) 08.08.2018  
 (54) Smart and robust wall socket with integrated universal serial bus (USB)  
 (51) Int. Cl.  
*H02J 3/34* ( 2006.01 )  
*G01R 21/06* ( 2006.01 )  
*G01R 21/133* ( 2006.01 )  
*H01R 13/00* ( 2006.01 )  
 (31) 62/551,334 (32) 29.08.17 (33) US  
 15/985,187 21.05.18 US  
 (43) 21.03.2019  
 (72) YILMAZ, Hamza; CHOI, Hung Bun; HO, Michael; XU, Jerry; ZHOU, FP; TAO, Tom; CHEN, ZH; LIU, Kevin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Conbraco Industries, Inc  
 (11) AU-A-2018220011  
 (21) 2018220011 (22) 21.08.2018  
 (54) SPILL-RESISTANT VACUUM BREAKER VALVE  
 (51) Int. Cl.  
*F16K 15/18* ( 2006.01 )  
*E03B 7/10* ( 2006.01 )  
*E03B 9/02* ( 2006.01 )  
 (31) 15/689,262 (32) 29.08.17 (33) US  
 (43) 21.03.2019  
 (72) Yontz, Phillip Theodore  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Conductix-Wampfler Pty Ltd  
 (11) AU-A-2018223009  
 (21) 2018223009 (22) 30.08.2018  
 (54) ROLLER RETAINING ARRANGEMENT  
 (51) Int. Cl.  
*B66C 13/12* ( 2006.01 )  
*H02G 11/00* ( 2006.01 )  
 (31) 2017903583 (32) 05.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Lo, Ching Men; Wheatley, Stuart Russell  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) ConMed Corporation  
 (11) AU-A-2019201450  
 (21) 2019201450 (22) 01.03.2019  
 (54) System and method for securing tissue to bone  
 (51) Int. Cl.  
*A61B 17/04* ( 2006.01 )  
*A61F 2/08* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 21.03.2019  
 (62) 2014237579  
 (72) HEAVEN, Malcolm; GREELIS, John P.; SIRIVONG, Mikxay; YUREK, Matthew T.  
 (74) Griffith Hack

---

(71) CONTAINER ROTATION SYSTEMS PTY LTD  
 (11) AU-A-2018214082  
 (21) 2018214082 (22) 09.08.2018  
 (54) A CARGO CONTAINER  
 (51) Int. Cl.  
*B65D 88/12* ( 2006.01 )  
*B65D 88/54* ( 2006.01 )  
 (31) 2017903561 (32) 04.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Bridle, Murray Robert  
 (74) Adams Pluck

---

(71) Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2017221847  
 (21) 2017221847 (22) 01.09.2017  
 (54) Cotton variety Sicot 711RRF  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )  
*A01H 5/10* ( 2006.01 )  
*D03D 25/00* ( 2006.01 )  
 (43) 21.03.2019  
 (72) Stillier, Warwick  
 (74) Davies Collison Cave Pty Ltd

---

(71) Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2017221848  
 (21) 2017221848 (22) 01.09.2017  
 (54) Cotton variety Sicot 812RRF  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )  
*A01H 5/10* ( 2006.01 )  
*D03D 25/00* ( 2006.01 )  
 (43) 21.03.2019  
 (72) Stillier, Warwick  
 (74) Davies Collison Cave Pty Ltd

---

(71) Covidien LP  
 (11) AU-A-2018222883  
 (21) 2018222883 (22) 27.08.2018  
 (54) Access apparatus with integrated fluid connector and control valve  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61M 13/00* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
*A61M 39/22* ( 2006.01 )  
 (31) 62/555,231 (32) 07.09.17 (33) US  
 16/106,871 21.08.18 US  
 (43) 21.03.2019  
 (72) TOKARZ, Christopher  
 (74) Spruson & Ferguson

---

(71) Covidien LP  
 (11) AU-A-2019201379

(21) 2019201379 (22) 27.02.2019  
 (54) Modular microwave generators and methods for operating modular microwave generators  
 (51) Int. Cl.  
*H05B 6/66* ( 2006.01 )  
*A61B 18/18* ( 2006.01 )  
*A61N 5/02* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017203359  
 (72) BRANNAN, Joseph D.; BEHNKE, Robert J.  
 (74) Spruson & Ferguson

---

(71) CSI Cells Co., Ltd.  
 (11) AU-A-2019201444  
 (21) 2019201444 (22) 01.03.2019  
 (54) A method for producing a textured structure of a crystalline silicon solar cell  
 (51) Int. Cl.  
*H01L 21/02* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017204336  
 (72) Zou, Shuai; Wang, Xusheng; Xing, Guoqiang  
 (74) FB Rice Pty Ltd

---

(71) Daewoong Co., Ltd.  
 (11) AU-A-2019201315  
 (21) 2019201315 (22) 26.02.2019  
 (54) Method for producing botulinum toxin  
 (51) Int. Cl.  
*C12P 21/02* ( 2006.01 )  
*B01D 15/36* ( 2006.01 )  
*C07K 1/16* ( 2006.01 )  
*C07K 1/18* ( 2006.01 )  
*C07K 1/30* ( 2006.01 )  
*C07K 1/34* ( 2006.01 )  
*C07K 1/36* ( 2006.01 )  
*C07K 14/33* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016364597  
 (72) Kim, Kyoung-Yun; Kim, Chung Sei; Kim, Myung Seob; Sul, Hye-Young  
 (74) FB Rice Pty Ltd

---

(71) DisperSol Technologies, LLC  
 (11) AU-A-2017221888  
 (21) 2017221888 (22) 04.09.2017  
 (54) DIRECT PROBE SENSED TEMPERATURE METHOD FOR SPEED CHANGE FOR HEAT SENSITIVE PORTIONS OF A THERMOKINETICALLY MELT BLENDED BATCH  
 (51) Int. Cl.  
*B01F 13/00* ( 2006.01 )  
 (43) 21.03.2019  
 (72) Brough, Chris  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

---

(71) Endemic Landscapes Pty Ltd  
 (11) AU-A-2018222914  
 (21) 2018222914 (22) 28.08.2018  
 (54) DRAINAGE SYSTEM  
 (51) Int. Cl.

*E02B 11/00* ( 2006.01 )  
*A01G 9/02* ( 2018.01 )  
*B01D 63/08* ( 2006.01 )  
*E03C 1/12* ( 2006.01 )  
 (31) 2017903529 (32) 01.09.17 (33) AU  
 (43) 21.03.2019  
 (72) McMillan, Nick  
 (74) Spruson & Ferguson

---

(71) Eng IP Pty Ltd  
 (11) AU-A-2018226477  
 (21) 2018226477 (22) 06.09.2018  
 (54) An adjustable support system and support member for pipe  
 (51) Int. Cl.  
*F16L 3/00* ( 2006.01 )  
 (31) 2017903628 (32) 07.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Smithson, Bradley James  
 (74) Spruson & Ferguson

---

(71) Environmental Management Confederation, Inc.  
 (11) AU-A-2019201414  
 (21) 2019201414 (22) 28.02.2019  
 (54) High voltage connection for sparse material  
 (51) Int. Cl.  
*B03C 3/14* ( 2006.01 )  
*B03C 3/155* ( 2006.01 )  
*B03C 3/28* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015349900  
 (72) Wisser, Forwood C.  
 (74) Eagar & Associates Pty Ltd

---

(71) Eris Innovations, LLC  
 (11) AU-A-2019201368  
 (21) 2019201368 (22) 27.02.2019  
 (54) NON-BIASED, CENTRALLY-CLEARED FINANCIAL INSTRUMENT AND METHOD OF CLEARING AND SETTLING  
 (51) Int. Cl.  
*G06Q 40/00* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017272139  
 (72) WILSON Jr., Donald R.; YU, Yuhua  
 (74) Peter Maxwell & Associates

---

(71) ESCO Group LLC  
 (11) AU-A-2019201394  
 (21) 2019201394 (22) 27.02.2019  
 (54) Monitoring ground-engaging products from earth working equipment  
 (51) Int. Cl.  
*E02F 3/00* ( 2006.01 )  
*E02F 9/26* ( 2006.01 )  
*G08B 23/00* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016219013  
 (72) Carpenter, Christopher M.; Zuendel, Karsten D.; Hyde, Steven D.; Lander, Javier; Betournay, Jason W.  
 (74) MINTER ELLISON

Applications Open to Public Inspection - Name Index cont'd

(71) Ethicon, Inc.  
 (11) AU-A-2018223016  
 (21) 2018223016 (22) 31.08.2018  
 (54) APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT  
 (51) Int. Cl.  
**A61L 2/18** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
 (31) 15/696,420 (32) 06.09.17 (33) US  
 (43) 21.03.2019  
 (72) Yang, Sungwook; Omidbakhsh, Navid  
 (74) Spruson & Ferguson

(71) Facebook, Inc.  
 (11) AU-A-2019201388  
 (21) 2019201388 (22) 27.02.2019  
 (54) Platform show pages  
 (51) Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
 (43) 21.03.2019  
 (62) 2014308731  
 (72) TSENG, Erick  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Facebook, Inc.  
 (11) AU-A-2019201455  
 (21) 2019201455 (22) 01.03.2019  
 (54) Targeting advertisements to customized groups of users of an online system  
 (51) Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
 (43) 21.03.2019  
 (62) 2014323498  
 (72) SCHECTER, Greg; GOLUB, Benjamin; FEDOROV, Vladimir; SOBEL, Jason Scott  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Fater S.p.A.  
 (11) AU-A-2018206811  
 (21) 2018206811 (22) 20.07.2018  
 (54) A STERILIZING APPARATUS, IN PARTICULAR FOR STERILIZING POST-CONSUMER ABSORBENT SANITARY PRODUCTS  
 (51) Int. Cl.  
**A61L 11/00** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**A61F 15/00** ( 2006.01 )  
**A61L 2/07** ( 2006.01 )  
**B09B 3/00** ( 2006.01 )  
**B29B 17/02** ( 2006.01 )  
 (31) 102017000099949 (32) 06.09.17 (33) IT  
 (43) 21.03.2019  
 (72) Somma, Marcello; Vaccaro, Giorgio; Pagotto, Amedeo  
 (74) Phillips Ormonde Fitzpatrick

(71) Ferno-Washington, Inc.  
 (11) AU-A-2019201370  
 (21) 2019201370 (22) 27.02.2019  
 (54) Powered ambulance cot with an automated cot control system

(51) Int. Cl.  
**A61G 1/02** ( 2006.01 )  
**A61G 1/056** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2018204469  
 (72) BLICKENSDEFER, Colleen Q.; MARGILL, Brian M.; WELLS, Timothy R.; SAR, Preeti; ROBINSON, Derick C.; VALENTINO, Nicholas V.; CLARK, Michael D.  
 (74) Griffith Hack

(71) Foundation Medicine, Inc.  
 (11) AU-A-2019201446  
 (21) 2019201446 (22) 01.03.2019  
 (54) Optimization of multigene analysis of tumor samples  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C40B 30/10** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2018279012  
 (72) Downing, Sean R.; Jarosz, Mirna; Lipson, Doron; Otto, Geoffrey Alan; Parker, Alexander N.; Shapiro, Mikhail G.; Stephens, Philip James; Yelensky, Roman  
 (74) FB Rice Pty Ltd

(71) Frank's International, LLC  
 (11) AU-A-2019201428  
 (21) 2019201428 (22) 28.02.2019  
 (54) Coating system for tubular gripping components  
 (51) Int. Cl.  
**B66C 1/42** ( 2006.01 )  
**E21B 19/02** ( 2006.01 )  
**E21B 19/06** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017202112  
 (72) DOMEK, Brennan S.; ANGELLE, Jeremy Richard  
 (74) Spruson & Ferguson

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 (11) AU-A-2019201415  
 (21) 2019201415 (22) 28.02.2019  
 (54) Speech reproduction device configured for masking reproduced speech in a masked speech zone  
 (51) Int. Cl.  
**G10K 11/175** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016208741  
 (72) WALTHER, Andreas; SCHNEIDER, Martin; HABETS, Emanuel; HELLMUTH, Oliver  
 (74) Griffith Hack

(71) GALERA LABS, LLC  
 (11) AU-A-2019201392  
 (21) 2019201392 (22) 27.02.2019  
 (54) METHODS FOR TREATMENT OF DISEASES  
 (51) Int. Cl.  
**C07F 13/00** ( 2006.01 )

**A61K 33/32** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016247160  
 (72) KEENE, Jeffery L.; RILEY, Dennis P.; BEARDSLEY, Robert A.  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Geneius Biotechnology, Inc.  
 (11) AU-A-2019201456  
 (21) 2019201456 (22) 01.03.2019  
 (54) Modulated immunodominance therapy  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/245** ( 2006.01 )  
**A61K 39/29** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017203671  
 (72) Slanetz, Alfred E.  
 (74) FPA Patent Attorneys Pty Ltd

(71) General Mills, Inc.  
 (11) AU-A-2017325593  
 (21) 2017325593 (22) 01.09.2017  
 (54) Gluten-free tortillas  
 (51) Int. Cl.  
**A23L 11/00** ( 2016.01 )  
 (43) 21.03.2019  
 (72) Cammarota, Carina Claudia; Ng, Christine S.T.; Plaza Garcia, Jonas  
 (74) Spruson & Ferguson

(71) Google LLC  
 (11) AU-A-2019201386  
 (21) 2019201386 (22) 27.02.2019  
 (54) AUTOMATED CLICK TYPE SELECTION FOR CONTENT PERFORMANCE OPTIMIZATION  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014399168  
 (72) ZHANG, Guannan; ZHU, Yongtai  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gopak Limited  
 (11) AU-A-2018220009  
 (21) 2018220009 (22) 21.08.2018  
 (54) Furniture leg assembly  
 (51) Int. Cl.  
**A47B 3/08** ( 2006.01 )  
 (31) 1714026.0 (32) 01.09.17 (33) GB  
 (43) 21.03.2019  
 (72) McCaffrey, Andrew  
 (74) Spruson & Ferguson

(71) HEE Solar, L.L.C.  
 (11) AU-A-2019201229  
 (21) 2019201229 (22) 21.02.2019  
 (54) PEROVSKITE MATERIAL LAYER PROCESSING  
 (51) Int. Cl.  
**H01L 51/00** ( 2006.01 )  
**C07F 7/24** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**C23C 14/06** ( 2006.01 )  
**C23C 16/50** ( 2006.01 )  
**H01L 51/42** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2016294314  
**(72)** Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** HOEL, S.; PERLMAN, T.  
**(11)** AU-A-2019201413  
**(21)** 2019201413 **(22)** 28.02.2019  
**(54)** SURGERY TABLE ATTACHMENT APPARATUS  
**(51)** Int. Cl.  
**A61G 13/08** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2016201158  
**(72)** HOEL, Stephen; PERLMAN, Timothy  
**(74)** AJ PARK

---

**(71)** Honda Motor Co., Ltd.  
**(11)** AU-A-2018214145  
**(21)** 2018214145 **(22)** 10.08.2018  
**(54)** Saddle riding vehicle  
**(51)** Int. Cl.  
**B62K 11/04** ( 2006.01 )  
**(31)** 2017-165540 **(32)** 30.08.17 **(33)** JP  
**(43)** 21.03.2019  
**(72)** KINOSHITA, Masayuki; KIYONO, Koji; SHIONO, Kenta  
**(74)** Spruson & Ferguson

---

**(71)** IGT  
**(11)** AU-A-2019201324  
**(21)** 2019201324 **(22)** 26.02.2019  
**(54)** GAMING SYSTEM, GAMING DEVICE AND METHOD FOR PROVIDING A MULTIPLE PLAYER, MULTIPLE GAME BONUSING ENVIRONMENT  
**(51)** Int. Cl.  
**A63F 9/24** ( 2006.01 )  
**G07F 17/34** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017202690  
**(72)** Nicely, Mark C.; Tan, Carmen; Weiss, Alan R.  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2019201440  
**(21)** 2019201440 **(22)** 28.02.2019  
**(54)** Operable implant comprising an electrical motor and a gear system  
**(51)** Int. Cl.  
**A61N 1/378** ( 2006.01 )  
**A61F 2/02** ( 2006.01 )  
**A61F 5/00** ( 2006.01 )  
**A61M 1/12** ( 2006.01 )  
**F04C 2/10** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
**A61F 2/48** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2014230252  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** INCYTE HOLDINGS CORPORATION  
**(11)** AU-A-2019201423  
**(21)** 2019201423 **(22)** 28.02.2019  
**(54)** HETEROCYCLYLAMINES AS PI3K INHIBITORS  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 27/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017206260  
**(72)** LI, Yun-Long; YAO, Wenqing; COMBS, Andrew P.; YUE, Eddy W.; MEI, Song; ZHU, Wenyu; GLENN, Joseph; MADUSKUIE Jr., Thomas P.; SPARKS, Richard B.; DOUTY, Brent  
**(74)** Houlihan<sup>2</sup> Pty Ltd

---

**(71)** Industrial Galvanizers Corporation Pty Ltd  
**(11)** AU-A-2018223024  
**(21)** 2018223024 **(22)** 31.08.2018  
**(54)** Guard Rail Post and Improvements  
**(51)** Int. Cl.  
**E01F 15/04** ( 2006.01 )  
**E01F 9/635** ( 2016.01 )  
**(31)** 2017903592 **(32)** 05.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** DIGNAM, John  
**(74)** Halfords IP

---

**(71)** INEOS Bio SA  
**(11)** AU-A-2019201333  
**(21)** 2019201333 **(22)** 26.02.2019  
**(54)** Thermal decomposition process for reducing agglomerate formation  
**(51)** Int. Cl.  
**C10J 3/00** ( 2006.01 )  
**C10J 3/72** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2014321482  
**(72)** OCFEMIA, Kim Carlo S.; BELL, Peter Simpson  
**(74)** Spruson & Ferguson

---

**Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania**  
**(21)** 2019201424

---

**(71)** Johnson & Johnson Vision Care, Inc.  
**(11)** AU-A-2018220111  
**(21)** 2018220111 **(22)** 23.08.2018  
**(54)** Atoric Surfaces to Minimize Secondary Astigmatism in Contact Lenses for the Correction of Astigmatism  
**(51)** Int. Cl.  
**G02C 7/06** ( 2006.01 )  
**(31)** 15/690,667 **(32)** 30.08.17 **(33)** US

**(43)** 21.03.2019  
**(72)** Wooley, C. Benjamin; Chen, Minghan  
**(74)** Spruson & Ferguson

---

**(71)** Johnstone, T.  
**(11)** AU-A-2018226376  
**(21)** 2018226376 **(22)** 03.09.2018  
**(54)** Water Safety Device  
**(51)** Int. Cl.  
**B63C 9/15** ( 2006.01 )  
**A63B 31/08** ( 2006.01 )  
**(31)** 2017903610 **(32)** 06.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** Johnstone, Thomas Todd  
**(74)** Armour IP Pty Ltd

---

**(71)** Joint Equity Developments Pty Ltd  
**(11)** AU-A-2018226502  
**(21)** 2018226502 **(22)** 07.09.2018  
**(54)** A MEDICAL FLUID AND DIAGNOSTIC SAMPLE COLLECTION TUBE LABEL  
**(51)** Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**B01L 99/00** ( 2010.01 )  
**B65C 3/08** ( 2006.01 )  
**(31)** 2017903630 **(32)** 07.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** Nancarrow, Jed  
**(74)** HopgoodGanin

---

**(71)** Joy Global Surface Mining Inc  
**(11)** AU-A-2018226449  
**(21)** 2018226449 **(22)** 06.09.2018  
**(54)** Lubrication system for a compressor  
**(51)** Int. Cl.  
**F04C 29/02** ( 2006.01 )  
**(31)** 62/554,838 **(32)** 06.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** McMAHON, Scott; LANUM, Michael D.  
**(74)** Griffith Hack

---

**(71)** Komatsu Ltd.  
**(11)** AU-A-2019201404  
**(21)** 2019201404 **(22)** 28.02.2019  
**(54)** Control system for work vehicle, and method for setting trajectory of work implement  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017272278  
**(72)** HASHIMOTO, Kazuhiro  
**(74)** Spruson & Ferguson

---

**(71)** Landos Biopharma, Inc.  
**(11)** AU-A-2019201231  
**(21)** 2019201231 **(22)** 21.02.2019  
**(54)** LANTHIONINE SYNTHETASE C-LIKE 2-BASED THERAPEUTICS  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- A61K 31/497** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**C07D 213/69** ( 2006.01 )  
**C07D 307/60** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2015337091  
**(72)** Bassaganya-Riera, Josep; Carbo Barrios, Adria; Gandour, Richard; Cooper, Julian D.; Hontecillas, Raquel  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** La Vit Technology LLC  
**(11)** AU-A-2019201438  
**(21)** 2019201438 **(22)** 28.02.2019  
**(54)** Capsule Based System For Preparing And Dispensing A Beverage  
**(51)** Int. Cl.  
**A47J 31/36** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017202482  
**(72)** LO FARO, Gian Matteo; LAVERACK, John R.; SHENTU, Yuanli; WESEMAN, Kurt R.; RIEHM, George E.; WEAVER, Greg G.  
**(74)** WRAYS PTY LTD
- 
- (71)** Lippert Components Inc.  
**(11)** AU-A-2018226508  
**(21)** 2018226508 **(22)** 07.09.2018  
**(54)** Retractable Awning Wind Damage Prevention  
**(51)** Int. Cl.  
**B60P 3/34** ( 2006.01 )  
**E04F 10/00** ( 2006.01 )  
**(31)** 62/555,244 **(32)** 07.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** PROHASZKA, Thomas Herman; HIG-BEE, Kenneth Alan; CATTERMOLE, David James; MANFREDA, John Peter  
**(74)** WRAYS PTY LTD
- 
- (71)** Lippert Components Inc.  
**(11)** AU-A-2018226509  
**(21)** 2018226509 **(22)** 07.09.2018  
**(54)** Retractable Awning Extension Control  
**(51)** Int. Cl.  
**B60P 3/34** ( 2006.01 )  
**E04F 10/00** ( 2006.01 )  
**(31)** 62/555,244 **(32)** 07.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** PROHASZKA, Thomas Herman; HIG-BEE, Kenneth Alan; CATTERMOLE, David James; MANFREDA, John Peter  
**(74)** WRAYS PTY LTD
- 
- (71)** LSP Products Group, Inc.  
**(11)** AU-A-2018226407  
**(21)** 2018226407 **(22)** 04.09.2018  
**(54)** Pipe hanger system  
**(51)** Int. Cl.  
**F16L 3/12** ( 2006.01 )  
**(31)** 62/554,688 **(32)** 06.09.17 **(33)** US
- 
- (43)** 21.03.2019  
**(72)** KERLIN, Andrew  
**(74)** FB Rice Pty Ltd
- 
- (71)** Lycopodium Minerals Pty Ltd  
**(11)** AU-A-2018219983  
**(21)** 2018219983 **(22)** 20.08.2018  
**(54)** CONVEYOR SKIRTING SYSTEM  
**(51)** Int. Cl.  
**B65G 21/20** ( 2006.01 )  
**(31)** 2017903574 **(32)** 04.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** Ruggiero, Bruno  
**(74)** WRAYS PTY LTD
- 
- (71)** Lycopodium Minerals Pty Ltd  
**(11)** AU-A-2018219986  
**(21)** 2018219986 **(22)** 20.08.2018  
**(54)** LINER BOLT  
**(51)** Int. Cl.  
**F16B 13/06** ( 2006.01 )  
**B65G 11/16** ( 2006.01 )  
**F16B 13/12** ( 2006.01 )  
**F16B 29/00** ( 2006.01 )  
**F16B 39/34** ( 2006.01 )  
**(31)** 2017903631 **(32)** 07.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** Ruggiero, Bruno; Caratti, Michael John  
**(74)** WRAYS PTY LTD
- 
- (71)** Magic Leap, Inc.  
**(11)** AU-A-2019201411  
**(21)** 2019201411 **(22)** 28.02.2019  
**(54)** System and method for augmented and virtual reality  
**(51)** Int. Cl.  
**G09G 5/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017201063  
**(72)** Miller, Samuel A.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Maregade Rx, LLC  
**(11)** AU-A-2019201412  
**(21)** 2019201412 **(22)** 28.02.2019  
**(54)** Product and method for treating diarrhea  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/34** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017251701  
**(72)** HOGAN II, Reed B.  
**(74)** Griffith Hack
- 
- (71)** MARTIN GmbH für Umwelt- und Energietechnik  
**(11)** AU-A-2018214150  
**(21)** 2018214150 **(22)** 10.08.2018  
**(54)** Combustion plant and method for operating a combustion plant  
**(51)** Int. Cl.  
**F23C 7/02** ( 2006.01 )  
**F23C 5/32** ( 2006.01 )
- 
- F23C 6/04** ( 2006.01 )  
**F23L 9/02** ( 2006.01 )  
**(31)** 10 2017 008 123.9 **(32)** 30.08.17 **(33)** DE  
**(43)** 21.03.2019  
**(72)** Martin, Ulrich; von Raven, Robert; Murer, Martin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** MasterCard International Incorporated  
**(11)** AU-A-2019201335  
**(21)** 2019201335 **(22)** 26.02.2019  
**(54)** A mechanism for authorising transactions conducted at unattended terminals  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/02** ( 2012.01 )  
**G06Q 20/04** ( 2012.01 )  
**G06Q 20/18** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/42** ( 2012.01 )  
**G07B 15/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2015310670  
**(72)** Cowen, Michael J.; Noe, James C.; George, Sagitha; Roberts, David A.; Ladds, Anouska  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** McGinley Engineered Solutions, LLC  
**(11)** AU-A-2019201451  
**(21)** 2019201451 **(22)** 01.03.2019  
**(54)** Surgical Saw With Sensing Technology For Determining Cut Through Of Bone And Depth Of The Saw Blade During Surgery  
**(51)** Int. Cl.  
**A61B 17/14** ( 2006.01 )  
**A61B 17/15** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2014346458  
**(72)** MCGINLEY, Joseph C.; LEUGERS, Martin; BLIVEN, Brian; MCCREA, Jim; MISHRA, Devjeet; FISHER, Lawson  
**(74)** WRAYS PTY LTD
- 
- (71)** Microbion Corporation  
**(11)** AU-A-2019201434  
**(21)** 2019201434 **(22)** 28.02.2019  
**(54)** Bismuth-thiols as antiseptics for agricultural, industrial and other uses  
**(51)** Int. Cl.  
**A01N 25/34** ( 2006.01 )  
**A01N 55/02** ( 2006.01 )  
**A01N 59/02** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A61K 31/095** ( 2006.01 )  
**A61K 33/24** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017200712  
**(72)** Baker, Brett Hugh James  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Micropure, Inc.  
**(11)** AU-A-2018241206  
**(21)** 2018241206 **(22)** 03.09.2018

Applications Open to Public Inspection - Name Index cont'd

(54) Aliphatic anionic compounds and oxidative compounds with improved stability and efficacy for use in pharmaceutical compositions  
 (51) Int. Cl.  
**C07C 303/00** ( 2006.01 )  
 (31) 62/676,170 (32) 24.05.18 (33) US  
 62/553,450 01.09.17 US  
 (43) 21.03.2019  
 (72) Shewale, Jaiprakash, G.; Cooley, William E.; Ratcliff, James L.; Garcia-Smith, Esmeralda Ann  
 (74) Davies Collison Cave Pty Ltd

(71) Microsoft Technology Licensing, LLC  
 (11) AU-A-2019201393  
 (21) 2019201393 (22) 27.02.2019  
 (54) Intelligent SIM selection supporting rich context of input factors  
 (51) Int. Cl.  
**H04W 4/00** ( 2009.01 )  
**H04W 8/18** ( 2009.01 )  
 (43) 21.03.2019  
 (62) 2017216499  
 (72) Howard, Gregory; Chory, Susan; He, Tony  
 (74) Davies Collison Cave Pty Ltd

(71) Miyakoshi Printing Machinery Co., Ltd.  
 (11) AU-A-2018202764  
 (21) 2018202764 (22) 20.04.2018  
 (54) Manufacturing Device of Laminated Label Body  
 (51) Int. Cl.  
**B31D 1/02** ( 2006.01 )  
 (31) 2017-165478 (32) 30.08.17 (33) JP  
 (43) 21.03.2019  
 (72) FUJIWARA, Reishi  
 (74) mdp Patent and Trade Mark Attorneys

(71) Monash University  
 (11) AU-A-2017225043  
 (21) 2017225043 (22) 06.09.2017  
 (54) ACRYLATE COATING COMPOSITIONS COMPRISING A UV-LIGHT CLEAVABLE CROSS-LINKING AGENT  
 (51) Int. Cl.  
**C09D 4/02** ( 2006.01 )  
**C08F 220/02** ( 2006.01 )  
**C08F 220/10** ( 2006.01 )  
**C08J 3/24** ( 2006.01 )  
 (43) 21.03.2019  
 (72) Abdalrh, Mustafa; Hearn, Milton Thomas William; Simon, George; Saito, Kei  
 (74) Phillips Ormonde Fitzpatrick

(71) MÜthing GmbH & Co. KG  
 (11) AU-A-2018217274  
 (21) 2018217274 (22) 16.08.2018  
 (54) Agricultural Working Apparatus  
 (51) Int. Cl.  
**A01D 43/10** ( 2006.01 )  
**A01B 33/02** ( 2006.01 )  
**A01D 34/34** ( 2006.01 )  
 (31) 102017008126.3 (32) 30.08.17 (33) DE

(43) 21.03.2019  
 (72) Arnold, Martin; Løer, Hubertus; MÜthing, Michael  
 (74) HopgoodGanim

---

(71) Netafim Ltd  
 (11) AU-A-2019201327  
 (21) 2019201327 (22) 26.02.2019  
 (54) Method of indoor mushroom cultivation  
 (51) Int. Cl.  
**A01G 18/60** ( 2018.01 )  
 (43) 21.03.2019  
 (62) 2017200474  
 (72) LEVANON, Dan; DANAY, Ofer; RAZ, Dov  
 (74) Griffith Hack

(71) Nevro Corporation  
 (11) AU-A-2019201361  
 (21) 2019201361 (22) 27.02.2019  
 (54) MULTI-FREQUENCY NEURAL TREATMENTS AND ASSOCIATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
**A61N 1/00** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016247208  
 (72) Alataris, Konstantinos; Caparso, Anthony; Erickson, Brian J.; Fang, Zi-Ping; Walker, Andre B.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Newton Biomechanics, LLC  
 (11) AU-A-2018223025  
 (21) 2018223025 (22) 31.08.2018  
 (54) FOOT AND ANKLE STRENGTHENING DEVICE  
 (51) Int. Cl.  
**A63B 21/00** ( 2006.01 )  
 (31) 16/117,526 (32) 30.08.18 (33) US  
 62/553,525 01.09.17 US  
 (43) 21.03.2019  
 (72) Michaud, Thomas C.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Novartis AG  
 (11) AU-A-2019201366  
 (21) 2019201366 (22) 27.02.2019  
 (54) Combinations of an anti-pd-1 antibody and a mek inhibitor and/or a braf inhibitor  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017202926  
 (72) HOOS, Axel  
 (74) Davies Collison Cave Pty Ltd

(71) Otis Elevator Company  
 (11) AU-A-2018222931

(21) 2018222931 (22) 28.08.2018  
 (54) Adaptive split group elevator operation  
 (51) Int. Cl.  
**B66B 1/20** ( 2006.01 )  
 (31) 15/691,373 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (72) Simcik, Paul S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Pacific Edge Limited  
 (11) AU-A-2019201377  
 (21) 2019201377 (22) 27.02.2019  
 (54) PROLIFERATION SIGNATURE AND PROGNOSIS FOR GASTROINTESTINAL CANCER  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017201785  
 (72) ANJOMSHOAA, Ahmad; REEVE, Anthony Edmund; LIN, Yu-Hsin; BLACK, Michael A.  
 (74) Baldwins Intellectual Property

PERLMAN, T. see HOEL, S.  
 (21) 2019201413

(71) PGS Geophysical AS  
 (11) AU-A-2018222932  
 (21) 2018222932 (22) 28.08.2018  
 (54) Seismic data acquisition for velocity modeling and imaging  
 (51) Int. Cl.  
**G01V 1/38** ( 2006.01 )  
**G01V 1/24** ( 2006.01 )  
 (31) 16/103,867 (32) 14.08.18 (33) US  
 62/551,275 29.08.17 US  
 (43) 21.03.2019  
 (72) Sharma, Arvind  
 (74) Davies Collison Cave Pty Ltd

(71) Radiation Services Group  
 (11) AU-A-2017225048  
 (21) 2017225048 (22) 06.09.2017  
 (54) TRACK MOUNTING FOR HERMETICALLY SEALING DOORS  
 (51) Int. Cl.  
**E06B 3/46** ( 2006.01 )  
**E06B 7/16** ( 2006.01 )  
 (43) 21.03.2019  
 (72) Zavasky, Dennis  
 (74) Franke Hyland

(71) Railblaza Limited  
 (11) AU-A-2018217261  
 (21) 2018217261 (22) 15.08.2018  
 (54) An extender for holding accessories  
 (51) Int. Cl.  
**F16M 11/38** ( 2006.01 )  
**B60R 11/00** ( 2006.01 )  
**F16M 11/12** ( 2006.01 )  
**F16M 11/20** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
 (31) 735256 (32) 05.09.17 (33) NZ

Applications Open to Public Inspection - Name Index cont'd

(43) 21.03.2019  
 (72) Pratt, Ross Gregory; Pratt, Christopher Ross  
 (74) AJ Pietras & Co

(71) Razer (Asia-Pacific) Pte. Ltd.  
 (11) AU-A-2019201227  
 (21) 2019201227 (22) 21.02.2019  
 (54) METHODS FOR MANAGING A PLURALITY OF VIRTUAL CREDITS AND VIRTUAL WALLETS  
 (51) Int. Cl.  
 G06Q 20/36 ( 2012.01 )  
 G06Q 20/30 ( 2012.01 )  
 (43) 21.03.2019  
 (62) 2015403303  
 (72) Lim, Zi Yang; Lee, Chun How  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Rohm and Haas Company  
 (11) AU-A-2018217319  
 (21) 2018217319 (22) 17.08.2018  
 (54) PROCESS FOR PREPARING AN AQUEOUS DISPERSION OF POLYMERIC MICROSPHERES  
 (51) Int. Cl.  
 C09D 147/00 ( 2006.01 )  
 (31) 62/638,993 (32) 06.03.18 (33) US  
 62/554,086 05.09.17 US  
 (43) 21.03.2019  
 (72) Bohling, James C.; Eryazici, Ibrahim; Harsh, Philip R.; Majumdar, Partha S.; Nungesser, Edwin  
 (74) Phillips Ormonde Fitzpatrick

(71) Romanowska, N.  
 (11) AU-A-2017225092  
 (21) 2017225092 (22) 07.09.2017  
 (54) Romanowska Quality Distribution  
 (51) Int. Cl.  
 G01N 33/00 ( 2006.01 )  
 (43) 21.03.2019  
 (72) Romanowska, Natalya  
 (74) Natalya Romanowska

(71) ROTOBAC LIMITED  
 (11) AU-A-2018226409  
 (21) 2018226409 (22) 04.09.2018  
 (54) A BUILDING SYSTEM AND COMPONENTS THEREOF  
 (51) Int. Cl.  
 E04B 1/38 ( 2006.01 )  
 E04B 1/08 ( 2006.01 )  
 (31) 735162 (32) 04.09.17 (33) NZ  
 (43) 21.03.2019  
 (72) Hanson, Dennis  
 (74) James & Wells Intellectual Property

(71) Safatli, H.  
 (11) AU-A-2018222923  
 (21) 2018222923 (22) 28.08.2018  
 (54) Roof safety device  
 (51) Int. Cl.  
 E04D 13/12 ( 2006.01 )  
 E04G 3/26 ( 2006.01 )

(31) 2017903572 (32) 04.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Safatli, Hafez  
 (74) WADESON

(71) Salera, D.  
 (11) AU-A-2018223012  
 (21) 2018223012 (22) 30.08.2018  
 (54) SOLAR POWERED STRUCTURE  
 (51) Int. Cl.  
 H02J 4/00 ( 2006.01 )  
 H02J 15/00 ( 2006.01 )  
 (31) 2017903492 (32) 30.08.17 (33) AU  
 (43) 21.03.2019  
 (72) Salera, Daniel  
 (74) mdp Patent and Trade Mark Attorneys

Schneiders, S. see Visuray Intech Ltd (bvi)  
 (21) 2019201410

(71) Sigma-Aldrich Co. LLC  
 (11) AU-A-2019201344  
 (21) 2019201344 (22) 26.02.2019  
 (54) CRISPR-BASED GENOME MODIFICATION AND REGULATION  
 (51) Int. Cl.  
 C12N 15/10 ( 2006.01 )  
 A61K 45/00 ( 2006.01 )  
 C12N 9/22 ( 2006.01 )  
 C12N 15/63 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2018229489  
 (72) Chen, Fuqiang; Davis, Gregory D.; Kang, Qiaohua; Knight, Scott W.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Singapore Health Services Pte. Ltd.  
 (11) AU-A-2019201234  
 (21) 2019201234 (22) 22.02.2019  
 (54) A METHOD AND A SYSTEM FOR CONTROLLING DISCOMFORT LEVEL  
 (51) Int. Cl.  
 A61M 5/172 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016259318  
 (72) Sia, Tiong Heng Alex  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sivantos Pte. Ltd.  
 (11) AU-A-2018204636  
 (21) 2018204636 (22) 26.06.2018  
 (54) Method for operating a hearing device  
 (51) Int. Cl.  
 H04R 25/00 ( 2006.01 )  
 (31) 10 2017 215 823.9 (32) 07.09.17 (33) DE  
 (43) 21.03.2019  
 (72) FISCHER, Eghart  
 (74) Spruson & Ferguson

(71) Sony Corporation  
 (11) AU-A-2019201383  
 (21) 2019201383 (22) 27.02.2019

(54) Image Processing Device and Image Processing Method  
 (51) Int. Cl.  
 H04N 19/513 ( 2014.01 )  
 H04N 13/20 ( 2018.01 )  
 (43) 21.03.2019  
 (62) 2017216494  
 (72) TAKAHASHI, Yoshitomo; HATTORI, Shinobu  
 (74) Griffith Hack

(71) Stryker Corporation  
 (11) AU-A-2019200725  
 (21) 2019200725 (22) 04.02.2019  
 (54) Navigation system including optical and non-optical sensors  
 (51) Int. Cl.  
 G01B 11/14 ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017264974  
 (72) Wu, Chunwu  
 (74) Davies Collison Cave Pty Ltd

(71) Sunvim Group Co., Ltd  
 (11) AU-A-2017261549  
 (21) 2017261549 (22) 15.11.2017  
 (54) A hollow fabric and manufacturing method thereof  
 (51) Int. Cl.  
 D03D 9/00 ( 2006.01 )  
 D03D 15/00 ( 2006.01 )  
 D03D 17/00 ( 2006.01 )  
 (31) 201710762434.9 (32) 30.08.17 (33) CN  
 (43) 21.03.2019  
 (72) CAI, Wenyan; CHEN, Tao; ZHAO, Hongyu  
 (74) James & Wells Intellectual Property

(71) Symbol Technologies, LLC  
 (11) AU-A-2018220008  
 (21) 2018220008 (22) 21.08.2018  
 (54) Imaging-based sensor calibration  
 (51) Int. Cl.  
 G01B 11/00 ( 2006.01 )  
 G06T 7/80 ( 2017.01 )  
 G12B 13/00 ( 2006.01 )  
 (31) 15/698,316 (32) 07.09.17 (33) US  
 15/912,073 05.03.18 US  
 (43) 21.03.2019  
 (72) OBOTNINE, Alexandre  
 (74) Spruson & Ferguson

(71) Symbol Technologies, LLC  
 (11) AU-A-2018220103  
 (21) 2018220103 (22) 23.08.2018  
 (54) Method and apparatus for support surface edge detection  
 (51) Int. Cl.  
 G06T 7/00 ( 2017.01 )  
 G01B 11/22 ( 2006.01 )  
 G06Q 99/00 ( 2006.01 )  
 H04N 13/271 ( 2018.01 )  
 (31) 15/698,361 (32) 07.09.17 (33) US  
 (43) 21.03.2019  
 (72) RZESZUTEK, Richard Jeffrey  
 (74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Tata Consultancy Services Limited  
 (11) AU-A-2018222950  
 (21) 2018222950 (22) 29.08.2018  
 (54) METHOD AND SYSTEM FOR ENTRY AND EXIT MONITORING USING BLUETOOTH LOW ENERGY (BLE) BEACONS  
 (51) Int. Cl.  
*H04W 4/021* ( 2018.01 )  
*H04W 4/80* ( 2018.01 )  
 (31) 201721030497 (32) 29.08.17 (33) IN  
 (43) 21.03.2019  
 (72) Bhaumik, Chirabrata; Agrawal, Amit Kumar; Barman, Abhijit; Ghosh, Shubhrangshu; Misra, Prateep  
 (74) Spruson & Ferguson

(71) Telefonix, Incorporated  
 (11) AU-A-2019201378  
 (21) 2019201378 (22) 27.02.2019  
 (54) USB cable and method for producing the same  
 (51) Int. Cl.  
*H02G 11/02* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017201917  
 (72) BURKE, Paul C.; DUBOIS, James L.  
 (74) Spruson & Ferguson

(71) The Board of Trustees of the Leland Stanford Junior University; The Regents of the University of California; Alkahest, Inc.; U.S. Government as represented by the Department of Veterans Affairs  
 (11) AU-A-2019201337  
 (21) 2019201337 (22) 26.02.2019  
 (54) Methods and compositions for treating aging-associated impairments  
 (51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61M 1/16* ( 2006.01 )  
*B01D 11/00* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2016265948  
 (72) Wyss-Coray, Anton; Villeda, Saul A.; Nikolich, Karoly  
 (74) FB Rice Pty Ltd

(71) The ESAB Group Inc.  
 (11) AU-A-2018220035  
 (21) 2018220035 (22) 22.08.2018  
 (54) Hybrid flow and pressure regulation  
 (51) Int. Cl.  
*G05D 7/00* ( 2006.01 )  
*H01M 8/04* ( 2016.01 )  
 (31) 15/690,613 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (72) BOYER, Robert; HENDERSON, John  
 (74) Spruson & Ferguson

(71) Therabiol, Inc.  
 (11) AU-A-2019201405  
 (21) 2019201405 (22) 28.02.2019  
 (54) HIV anitgens and antibodies

(51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2014224049  
 (72) Killian, Scott M.; Szakal, Evelin; Vyas, Girish  
 (74) FB Rice Pty Ltd

The Regents of the University of California see *Amydis Diagnostics, Inc.*  
 (21) 2019201325

The Regents of the University of California see The Board of Trustees of the Leland Stanford Junior University  
 (21) 2019201337

(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
 (11) AU-A-2019201424  
 (21) 2019201424 (22) 28.02.2019  
 (54) Vaccines having an antigen and interleukin-21 as an adjuvant  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61B 17/20* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015323944  
 (72) Weiner, David B.; Morrow, Matthew P.  
 (74) FB Rice Pty Ltd

(71) Thorium Power, Inc.  
 (11) AU-A-2019201209  
 (21) 2019201209 (22) 21.02.2019  
 (54) Fuel assembly  
 (51) Int. Cl.  
*G21C 3/08* ( 2006.01 )  
*G21C 3/322* ( 2006.01 )  
*G21C 3/326* ( 2006.01 )  
*G21C 3/60* ( 2006.01 )  
*G21C 3/64* ( 2006.01 )  
*G21C 21/10* ( 2006.01 )  
*G21C 3/06* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017213437  
 (72) Bashkirtsev, Sergey Mikhailovich; Kuznetsov, Valentin Fedorovich; Kevrolev, Valery Vladimirovich; Morozov, Alexey Glebovich; Montgomery, Michael H.  
 (74) Davies Collison Cave Pty Ltd

(71) Transking Innovations Pty Limited  
 (11) AU-A-2018223033  
 (21) 2018223033 (22) 31.08.2018  
 (54) An apparatus for assisting securement of loads  
 (51) Int. Cl.  
*B60P 7/08* ( 2006.01 )  
 (31) 2017903542 (32) 01.09.17 (33) AU  
 (43) 21.03.2019  
 (72) King, Lindsay  
 (74) Davies Collison Cave Pty Ltd

(71) Transtech Research Pty Ltd  
 (11) AU-A-2018223008  
 (21) 2018223008 (22) 30.08.2018  
 (54) SUPPORT ARRANGEMENT  
 (51) Int. Cl.  
*A47B 57/40* ( 2006.01 )  
*A47B 57/16* ( 2006.01 )  
*B62D 33/04* ( 2006.01 )  
 (31) 2017903604 (32) 06.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Balmer, Joel James  
 (74) Phillips Ormonde Fitzpatrick

(71) Trevithick, B.  
 (11) AU-A-2017221896  
 (21) 2017221896 (22) 04.09.2017  
 (54) WRIST BRACE  
 (51) Int. Cl.  
*A41D 13/08* ( 2006.01 )  
*A61F 5/05* ( 2006.01 )  
 (43) 21.03.2019  
 (72) Trevithick, Beverley Anne  
 (74) Bev Trevithick

(71) Tritium Holdings Pty Ltd  
 (11) AU-A-2019201448  
 (21) 2019201448 (22) 01.03.2019  
 (54) A TRANSFORMER WITH IMPROVED HEAT DISSIPATION  
 (51) Int. Cl.  
*H01F 27/08* ( 2006.01 )  
*H01F 27/10* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2015207667  
 (72) Finn, David; Rudzki, Alexander; Kennedy, James  
 (74) Michael Buck IP

(71) Trojan Oils Asset Holdings Pty Ltd  
 (11) AU-A-2018211243  
 (21) 2018211243 (22) 01.08.2018  
 (54) An Improved Liquid Waste Disposal Apparatus  
 (51) Int. Cl.  
*B65F 5/00* ( 2006.01 )  
 (31) 2017903609 (32) 06.09.17 (33) AU  
 (43) 21.03.2019  
 (72) Minas, Lazaros  
 (74) Chrysiliou IP

(71) Tutupata, Inc.  
 (11) AU-A-2019201398  
 (21) 2019201398 (22) 27.02.2019  
 (54) FINDING OBJECTS OR SERVICES UTILIZING A COMMUNICATION LINK TO ENLIST THE HELP OF AND REWARD THIRD PARTIES TO HELP LOCATE THE DESIRED OBJECT OR SERVICE  
 (51) Int. Cl.  
*G06Q 30/00* ( 2006.01 )  
 (43) 21.03.2019  
 (62) 2017201509  
 (72) Fong, Adeline; Wilson, Michael K.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

**U.S. Government as represented by the Department of Veterans Affairs see The Board of Trustees of the Leland Stanford Junior University**  
**(21)** 2019201337

---

**(71)** University of Florida Research Foundation, Incorporated  
**(11)** AU-A-2019201369  
**(21)** 2019201369 **(22)** 27.02.2019  
**(54)** Regulation of cancer using natural compounds and/or diet  
**(51)** Int. Cl.  
**A61K 31/353** ( 2006.01 )  
**A61K 31/12** ( 2006.01 )  
**A61K 31/26** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2014240467  
**(72)** Reynolds, Brent; Deleyrolle, Loic  
**(74)** Baldwins Intellectual Property

---

**(71)** Valeritas, Inc  
**(11)** AU-A-2019201416  
**(21)** 2019201416 **(22)** 28.02.2019  
**(54)** Hydraulically actuated pump for long duration medicament administration  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61M 5/155** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017202411  
**(72)** Gonnelli, Robert R.; McAllister, Devin V.; Levesque, Steven F.  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Velocity, The Greatest Phone Company Ever, Inc.  
**(11)** AU-A-2018222925  
**(21)** 2018222925 **(22)** 28.08.2018  
**(54)** System and method for delivering digital content  
**(51)** Int. Cl.  
**H04W 48/04** ( 2009.01 )  
**G06F 17/00** ( 2006.01 )  
**H04N 21/40** ( 2011.01 )  
**H04W 4/02** ( 2018.01 )  
**(31)** 62/551,304 **(32)** 29.08.17 **(33)** US  
 62/580,486 02.11.17 US  
**(43)** 21.03.2019  
**(72)** Kiley, Greg; Lehmann, Brandon  
**(74)** Shelston IP Pty Ltd.

---

**(71)** Viavi Solutions Inc.  
**(11)** AU-A-2019201454  
**(21)** 2019201454 **(22)** 01.03.2019  
**(54)** Article with curved patterns formed of aligned pigment flakes  
**(51)** Int. Cl.  
**B41M 1/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017216528  
**(72)** Coombs, Paul G.; Raksha, Vladimir P.; Hynes, John; Holden, Laurence  
**(74)** Spruson & Ferguson

**(71)** Viax Dental Technologies, LLC  
**(11)** AU-A-2019201385  
**(21)** 2019201385 **(22)** 27.02.2019  
**(54)** A DENTIST TOOL  
**(51)** Int. Cl.  
**A61C 1/08** ( 2006.01 )  
**A61C 13/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017204455  
**(72)** Jacquemyns, Evelyne  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Video Carsales Pty Ltd  
**(11)** AU-A-2017204593  
**(21)** 2017204593 **(22)** 29.08.2017  
**(54)** Car sales app that provides a live video experience of car products. Sellers can upload videos of their cars to create a visual experience for purchasers.  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**(43)** 21.03.2019  
**(72)** Tran, Jimmy  
**(74)** BURWOOD ACCOUNTING SERVICES PTY LTD

---

**(71)** Visuray Intech Ltd (bvi); Schneiders, S.  
**(11)** AU-A-2019201410  
**(21)** 2019201410 **(22)** 28.02.2019  
**(54)** Methods and means for identifying fluid type inside a conduit  
**(51)** Int. Cl.  
**G01N 33/28** ( 2006.01 )  
**E21B 47/10** ( 2006.01 )  
**G01N 23/203** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2016254357  
**(72)** Kambiz, Safinya; Spannuth, Melissa; Gunn, Spencer  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** VYSOKÉ UČENI TECHNICKÉ V BRNĚ  
**(11)** AU-A-2019201459  
**(21)** 2019201459 **(22)** 01.03.2019  
**(54)** A PHOTOVOLTAIC ELEMENT WITH AN INCLUDED RESONATOR  
**(51)** Int. Cl.  
**H01Q 1/24** ( 2006.01 )  
**H01Q 17/00** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2016277740  
**(72)** FIALA, Pavel  
**(74)** BOSH IP Pty Ltd

---

**(71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2019201417  
**(21)** 2019201417 **(22)** 28.02.2019  
**(54)** Valved conduit  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2015333658  
**(72)** ARMSTRONG, Joseph R.; BENNETT, Nathan L.; COLAVITO, Kyle W.; FIELD, Edwin W.  
**(74)** Griffith Hack

**(71)** Weatherford Technology Holdings, LLC  
**(11)** AU-A-2019201431  
**(21)** 2019201431 **(22)** 28.02.2019  
**(54)** Wellbore completion  
**(51)** Int. Cl.  
**E21B 34/14** ( 2006.01 )  
**E21B 43/26** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017200407  
**(72)** PURKIS, Daniel George; REID, Stephen  
**(74)** Spruson & Ferguson

---

**(71)** Woods, R.  
**(11)** AU-A-2018222888  
**(21)** 2018222888 **(22)** 27.08.2018  
**(54)** Swag  
**(51)** Int. Cl.  
**E04H 15/48** ( 2006.01 )  
**A47C 17/70** ( 2006.01 )  
**E04H 15/32** ( 2006.01 )  
**E04H 15/56** ( 2006.01 )  
**(31)** 2017903521 **(32)** 01.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** Woods, Richard  
**(74)** Michael Buck IP

---

**(71)** Xyleco, Inc.  
**(11)** AU-A-2019201422  
**(21)** 2019201422 **(22)** 28.02.2019  
**(54)** Processing biomass  
**(51)** Int. Cl.  
**C08L 97/02** ( 2006.01 )  
**C08H 8/00** ( 2010.01 )  
**C12P 7/10** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )  
**(43)** 21.03.2019  
**(62)** 2017200443  
**(72)** MEDOFF, Marshall; MASTERMAN, Thomas  
**(74)** Spruson & Ferguson

Numerical Index

<b>2017204593</b>	Video Carsales Pty Ltd	<b>2018223018</b>	Biosense Webster (Israel) Ltd.
<b>2017221847</b>	Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation	<b>2018223019</b>	Biosense Webster (Israel) Ltd.
<b>2017221848</b>	Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation	<b>2018223024</b>	Industrial Galvanizers Corporation Pty Ltd
<b>2017221884</b>	Baker, W.	<b>2018223025</b>	Newton Biomechanics, LLC
<b>2017221886</b>	BIRMINGHAM, P.	<b>2018223033</b>	Transking Innovations Pty Limited
<b>2017221888</b>	DisperSol Technologies, LLC	<b>2018223050</b>	Aristocrat Technologies Australia Pty Limited
<b>2017221896</b>	Trevithick, B.	<b>2018223055</b>	Aristocrat Technologies Australia Pty Limited
<b>2017225006</b>	Canon Kabushiki Kaisha	<b>2018223057</b>	Aristocrat Technologies Australia Pty Limited
<b>2017225022</b>	Canon Kabushiki Kaisha	<b>2018223059</b>	Aristocrat Technologies Australia Pty Limited
<b>2017225023</b>	Canon Kabushiki Kaisha	<b>2018226376</b>	Johnstone, T.
<b>2017225027</b>	Canon Kabushiki Kaisha	<b>2018226407</b>	LSP Products Group, Inc.
<b>2017225043</b>	Monash University	<b>2018226409</b>	ROTOBRAC LIMITED
<b>2017225048</b>	Radiation Services Group	<b>2018226412</b>	CEDA Services and Projects LP
<b>2017225092</b>	Romanowska, N.	<b>2018226449</b>	Joy Global Surface Mining Inc
<b>2017261549</b>	Sunvim Group Co., Ltd	<b>2018226459</b>	AGIT GLOBAL IP HOLDINGS, LLC
<b>2017279708</b>	AWOIS, LLC	<b>2018226463</b>	Acorn Engineering Company
<b>2017325593</b>	General Mills, Inc.	<b>2018226466</b>	Britax Romer Kindersicherheit GmbH
<b>2018200864</b>	Clover Network, Inc.	<b>2018226477</b>	Eng IP Pty Ltd
<b>2018201587</b>	Asphalt Systems, Inc.	<b>2018226502</b>	Joint Equity Developments Pty Ltd
<b>2018202545</b>	Bugdojo Holdings Pty Ltd	<b>2018226508</b>	Lippert Components Inc.
<b>2018202764</b>	Miyakoshi Printing Machinery Co., Ltd.	<b>2018226509</b>	Lippert Components Inc.
<b>2018203109</b>	Aqseptence Group Pty Ltd	<b>2018241206</b>	Micropure, Inc.
<b>2018204307</b>	Aristocrat Technologies Australia Pty Limited	<b>2019200725</b>	Stryker Corporation
<b>2018204310</b>	Aristocrat Technologies Australia Pty Limited	<b>2019200884</b>	AUCKLAND UNISERVICES LIMITED
<b>2018204312</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201209</b>	Thorium Power, Inc.
<b>2018204323</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201227</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2018204636</b>	Sivantos Pte. Ltd.	<b>2019201229</b>	HEE Solar, L.L.C.
<b>2018204797</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201231</b>	Landos Biopharma, Inc.
<b>2018206811</b>	Fater S.p.A.	<b>2019201234</b>	Singapore Health Services Pte. Ltd.
<b>2018211243</b>	Trojan Oils Asset Holdings Pty Ltd	<b>2019201315</b>	Daewoong Co., Ltd.
<b>2018211319</b>	Biosense Webster (Israel) Ltd.	<b>2019201324</b>	IGT
<b>2018211321</b>	Biosense Webster (Israel) Ltd.	<b>2019201325</b>	Amydis Diagnostics, Inc.; The Regents of the University of California
<b>2018213997</b>	Adobe Inc.	<b>2019201327</b>	Netafim Ltd
<b>2018214046</b>	Computime, Ltd.	<b>2019201333</b>	INEOS Bio SA
<b>2018214082</b>	CONTAINER ROTATION SYSTEMS PTY LTD	<b>2019201335</b>	MasterCard International Incorporated
<b>2018214145</b>	Honda Motor Co., Ltd.	<b>2019201337</b>	The Board of Trustees of the Leland Stanford Junior University; The Regents of the University of California; Alkahest, Inc.; U.S. Government as represented by the Department of Veterans Affairs
<b>2018214150</b>	MARTIN GmbH für Umwelt- und Energietechnik	<b>2019201344</b>	Sigma-Aldrich Co. LLC
<b>2018217261</b>	Railblaza Limited	<b>2019201351</b>	Becton, Dickinson and Company
<b>2018217274</b>	Müthing GmbH & Co. KG	<b>2019201352</b>	Celgene Quantical Research, Inc.
<b>2018217319</b>	Rohm and Haas Company	<b>2019201357</b>	Abraxis BioScience, LLC
<b>2018219983</b>	Lycopodium Minerals Pty Ltd	<b>2019201360</b>	AMO Groningen B.V.
<b>2018219986</b>	Lycopodium Minerals Pty Ltd	<b>2019201361</b>	Nevro Corporation
<b>2018220008</b>	Symbol Technologies, LLC	<b>2019201365</b>	Bayer Intellectual Property GmbH
<b>2018220009</b>	Gopak Limited	<b>2019201366</b>	Novartis AG
<b>2018220011</b>	Conbraco Industries, Inc	<b>2019201368</b>	Eris Innovations, LLC
<b>2018220035</b>	The ESAB Group Inc.	<b>2019201369</b>	University of Florida Research Foundation, Incorporated
<b>2018220043</b>	Caterpillar Inc.	<b>2019201370</b>	Ferno-Washington, Inc.
<b>2018220103</b>	Symbol Technologies, LLC	<b>2019201374</b>	Apple Inc.
<b>2018220111</b>	Johnson & Johnson Vision Care, Inc.	<b>2019201377</b>	Pacific Edge Limited
<b>2018220134</b>	Biosense Webster (Israel) Ltd.	<b>2019201378</b>	Telefonix, Incorporated
<b>2018222883</b>	Covidien LP	<b>2019201379</b>	Covidien LP
<b>2018222888</b>	Woods, R.	<b>2019201383</b>	Sony Corporation
<b>2018222914</b>	Endemic Landscapes Pty Ltd	<b>2019201385</b>	Viax Dental Technologies, LLC
<b>2018222923</b>	Safatli, H.	<b>2019201386</b>	Google LLC
<b>2018222925</b>	Velocity, The Greatest Phone Company Ever, Inc.	<b>2019201388</b>	Facebook, Inc.
<b>2018222931</b>	Otis Elevator Company	<b>2019201392</b>	GALERA LABS, LLC
<b>2018222932</b>	PGS Geophysical AS	<b>2019201393</b>	Microsoft Technology Licensing, LLC
<b>2018222950</b>	Tata Consultancy Services Limited	<b>2019201394</b>	ESCO Group LLC
<b>2018222956</b>	ALSTOM Transport Technologies	<b>2019201397</b>	Alpharma Pharmaceuticals, LLC
<b>2018222966</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201398</b>	Tutupata, Inc.
<b>2018222981</b>	Actuant Corporation	<b>2019201400</b>	Array BioPharma Inc.
<b>2018223008</b>	Transtech Research Pty Ltd	<b>2019201401</b>	Allied-Tek (Thailand) Company Limited
<b>2018223009</b>	Conductix-Wampfler Pty Ltd	<b>2019201403</b>	Alios BioPharma, Inc.
<b>2018223012</b>	Salera, D.		
<b>2018223016</b>	Ethicon, Inc.		
<b>2018223017</b>	Biosense Webster (Israel) Ltd.		

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

2019201404 Komatsu Ltd.  
2019201405 Therabiol, Inc.  
2019201407 CARDIOVASCULAR BIOTHERAPEUTICS, INC.  
2019201409 8 Rivers Capital, LLC  
2019201410 Visuray Intech Ltd (bvi); Schneiders, S.  
2019201411 Magic Leap, Inc.  
2019201412 Maregade Rx, LLC  
2019201413 HOEL, S.; PERLMAN, T.  
2019201414 Environmental Management Confederation, Inc.  
2019201415 Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
2019201416 Valeritas, Inc  
2019201417 W. L. Gore & Associates, Inc.  
2019201418 Becton, Dickinson and Company  
2019201419 Clinical Genomics Pty. Ltd.  
2019201420 Ashworth Bros., Inc.  
2019201422 Xyleco, Inc.  
2019201423 INCYTE HOLDINGS CORPORATION  
2019201424 The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
2019201428 Frank's International, LLC  
2019201429 Bitstrata Systems Inc.  
2019201431 Weatherford Technology Holdings, LLC  
2019201434 Microbion Corporation  
2019201436 Aristocrat Technologies Australia Pty Limited  
2019201438 La Vit Technology LLC  
2019201439 ATI Properties LLC  
2019201440 Implantica Patent Ltd  
2019201444 CSI Cells Co., Ltd.  
2019201446 Foundation Medicine, Inc.  
2019201448 Tritium Holdings Pty Ltd  
2019201450 ConMed Corporation  
2019201451 McGinley Engineered Solutions, LLC  
2019201452 Apple Inc.  
2019201453 Abbott Diabetes Care Inc.  
2019201454 Viavi Solutions Inc.  
2019201455 Facebook, Inc.  
2019201456 Geneius Biotechnology, Inc.  
2019201457 AMO Wavefront Sciences, LLC.  
2019201459 VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ

IPC Index

<b>A01B 33 /-</b> 2018217274	<b>A61B 17 /-</b> 2018222883 2019201424 2019201450 2019201451	2019201366 2019201405 2019201424 2019201456	<b>A61P 27 /-</b> 2019201423	<b>B22D 27 /-</b> 2019201439	<b>B66F 7 /-</b> 2019201401
<b>A01D 34 /-</b> 2018217274	<b>A61B 18 /-</b> 2019201379	<b>A61K 45 /-</b> 2019201344	<b>A61P 29 /-</b> 2019201392 2019201423	<b>B29B 17 /-</b> 2018206811	<b>C07C 227 /-</b> 2019200884
<b>A01D 41 /-</b> 2019201429	<b>A61B 3 /-</b> 2019201457	<b>A61K 47 /-</b> 2019201357	<b>A61P 31 /-</b> 2019201231 2019201403	<b>B31D 1 /-</b> 2018202764	<b>C07C 229 /-</b> 2019200884
<b>A01D 43 /-</b> 2018217274	<b>A61B 5 /-</b> 2018211319 2018220134 2018223019	<b>A61K 48 /-</b> 2019201337 2019201424	<b>A61P 35 /-</b> 2019201366 2019201369 2019201423	<b>B41M 1 /-</b> 2019201454	<b>C07C 255 /-</b> 2019201325
<b>A01D 90 /-</b> 2019201429	<b>A61B 50 /-</b> 2018211321	<b>A61K 49 /-</b> 2019201407	<b>A63B 21 /-</b> 2018223025	<b>B60N 2 /-</b> 2018226466	<b>C07C 303 /-</b> 2018241206
<b>A01G 18 /-</b> 2019201327	<b>A61C 1 /-</b> 2019201385	<b>A61K 9 /-</b> 2019201366 2019201397	<b>A63B 31 /-</b> 2018226376	<b>B60P 3 /-</b> 2018226508 2018226509	<b>C07C 311 /-</b> 2019201325
<b>A01G 9 /-</b> 2018222914	<b>A61C 13 /-</b> 2019201385	<b>A61L 11 /-</b> 2018206811	<b>A63F 13 /-</b> 2018204310 2018204312 2018204797 2018222966 2018223055 2018223057	<b>B60P 7 /-</b> 2018223033	<b>C07C 321 /-</b> 2019200884
<b>A01H 5 /-</b> 2017221847 2017221848	<b>A61F 13 /-</b> 2018206811	<b>A61L 2 /-</b> 2018206811 2018223016	<b>A63F 9 /-</b> 2018222966 2019201324	<b>B60R 11 /-</b> 2018217261	<b>C07D 211 /-</b> 2019201352
<b>A01N 25 /-</b> 2019201434	<b>A61F 15 /-</b> 2018206811	<b>A61M 1 /-</b> 2019201337 2019201440	<b>B01D 11 /-</b> 2019201337	<b>B61L 27 /-</b> 2018222956	<b>C07D 213 /-</b> 2019201231
<b>A01N 43 /-</b> 2019201365	<b>A61F 2 /-</b> 2017221886 2019201360 2019201417 2019201440 2019201450	<b>A61M 13 /-</b> 2018222883	<b>B01D 15 /-</b> 2019201315	<b>B62D 33 /-</b> 2018223008	<b>C07D 241 /-</b> 2019201325
<b>A01N 55 /-</b> 2019201434	<b>A61F 5 /-</b> 2017221896 2019201440	<b>A61M 31 /-</b> 2018222883 2019201453	<b>B01D 24 /-</b> 2018226412	<b>B62K 11 /-</b> 2018214145	<b>C07D 307 /-</b> 2019201231
<b>A01N 59 /-</b> 2019201434	<b>A61G 1 /-</b> 2019201370	<b>A61M 37 /-</b> 2019201416	<b>B01D 63 /-</b> 2018222914	<b>B63B 35 /-</b> 2018226459	<b>C07D 333 /-</b> 2019201325
<b>A01P 1 /-</b> 2019201434	<b>A61G 13 /-</b> 2019201413	<b>A61M 39 /-</b> 2018222883	<b>B01F 13 /-</b> 2017221888	<b>B63C 9 /-</b> 2018226376	<b>C07D 401 /-</b> 2019201231 2019201325 2019201365 2019201400
<b>A23L 11 /-</b> 2017325593	<b>A61K 31 /-</b> 2019201231 2019201352 2019201357 2019201366 2019201369 2019201397 2019201400 2019201403 2019201412 2019201423 2019201434	<b>A61M 5 /-</b> 2019201234 2019201351 2019201416	<b>B01D 24 /-</b> 2018226412	<b>B65C 3 /-</b> 2018226502	<b>C07D 403 /-</b> 2019201231 2019201365 2019201400
<b>A41D 13 /-</b> 2017221896	<b>A61K 33 /-</b> 2019201392 2019201434	<b>A61M 5 /-</b> 2019201234 2019201351 2019201416	<b>B01D 63 /-</b> 2018222914	<b>B65D 88 /-</b> 2018214082	<b>C07D 405 /-</b> 2019201325 2019201365 2019201400
<b>A41F 1 /-</b> 2019201452	<b>A61K 38 /-</b> 2019201407	<b>A61M 5 /-</b> 2019201234 2019201351 2019201416	<b>B01F 13 /-</b> 2017221888	<b>B65F 5 /-</b> 2018211243	<b>C07D 407 /-</b> 2019201325 2019201365 2019201400
<b>A43C 1 /-</b> 2019201452	<b>A61K 39 /-</b> 2019201337	<b>A61N 1 /-</b> 2018211319 2019201361 2019201440	<b>B01L 3 /-</b> 2018226502	<b>B65G 11 /-</b> 2018219986	<b>C07D 407 /-</b> 2019201325
<b>A45C 13 /-</b> 2019201452	<b>A61K 39 /-</b> 2019201337	<b>A61N 5 /-</b> 2019201379	<b>B01L 99 /-</b> 2018226502	<b>B65G 17 /-</b> 2019201420	<b>C07D 409 /-</b> 2019201325 2019201365
<b>A47B 3 /-</b> 2018220009	<b>A61K 39 /-</b> 2019201337	<b>A61P 1 /-</b> 2019201423	<b>B03B 5 /-</b> 2018226412	<b>B65G 21 /-</b> 2018219983 2019201420	<b>C07D 409 /-</b> 2019201325 2019201365
<b>A47B 57 /-</b> 2018223008	<b>A61K 39 /-</b> 2019201337	<b>A61P 11 /-</b> 2019201397	<b>B03C 3 /-</b> 2019201414	<b>B65G 67 /-</b> 2019201401	<b>C07D 413 /-</b> 2019201231 2019201365
<b>A47C 17 /-</b> 2018222888	<b>A61K 39 /-</b> 2019201337	<b>A61P 17 /-</b> 2019201423	<b>B07B 1 /-</b> 2018203109	<b>B66B 1 /-</b> 2018222931	<b>C07D 417 /-</b> 2019201365
<b>A47J 31 /-</b> 2019201438	<b>A61K 39 /-</b> 2019201337	<b>A61P 19 /-</b> 2019201423	<b>B09B 3 /-</b> 2018206811	<b>B66C 1 /-</b> 2019201428	<b>C07D 471 /-</b> 2019201423
<b>A61B 1 /-</b> 2018223017 2018223018	<b>A61K 39 /-</b> 2019201337	<b>A61P 19 /-</b> 2019201423	<b>B22C 9 /-</b> 2019201439	<b>B66C 13 /-</b> 2018223009	<b>C07D 487 /-</b> 2019201403 2019201423
			<b>B22D 13 /-</b> 2019201439		

Applications Open to Public Inspection - IPC Index cont'd

<b>C07F 13 /-</b> 2019201392	<b>C23C 16 /-</b> 2019201229	<b>E21B 43 /-</b> 2019201431	<b>G01M 11 /-</b> 2019201457	<b>G06Q 99 /-</b> 2018220103	<b>H02G 11 /-</b> 2018223009 2019201378
<b>C07F 7 /-</b> 2019201229	<b>C40B 30 /-</b> 2019201446	<b>E21B 47 /-</b> 2019201410	<b>G01N 23 /-</b> 2019201410	<b>G06T 11 /-</b> 2017225022	<b>H02J 15 /-</b> 2018223012
<b>C07H 13 /-</b> 2019201325	<b>D03D 15 /-</b> 2017261549	<b>F02C 3 /-</b> 2019201409	<b>G01N 33 /-</b> 2017225092 2019201410	<b>G06T 15 /-</b> 2018223019	<b>H02J 3 /-</b> 2018214046
<b>C07K 1 /-</b> 2019200884 2019201315	<b>D03D 17 /-</b> 2017261549	<b>F04C 2 /-</b> 2019201440	<b>G01N 35 /-</b> 2019201418	<b>G06T 3 /-</b> 2017225006	<b>H02J 4 /-</b> 2018223012
<b>C07K 14 /-</b> 2019200884 2019201315	<b>D03D 25 /-</b> 2017221847 2017221848	<b>F04C 29 /-</b> 2018226449	<b>G01R 21 /-</b> 2018214046	<b>G06T 7 /-</b> 2017225023 2018220008 2018220103	<b>H04B 5 /-</b> 2018200864
<b>C08F 220 /-</b> 2017225043	<b>D03D 9 /-</b> 2017261549	<b>F15B 15 /-</b> 2018222981	<b>G01S 1 /-</b> 2019201429	<b>G07B 15 /-</b> 2019201335	<b>H04L 12 /-</b> 2018222956
<b>C08H 8 /-</b> 2019201422	<b>D06F 35 /-</b> 2017279708	<b>F15B 19 /-</b> 2018220043	<b>G01V 1 /-</b> 2018222932	<b>G07F 17 /-</b> 2018204307 2018204310 2018204312 2018204323 2018204797 2018222966 2018223050 2018223055 2018223059 2019201324	<b>H04L 29 /-</b> 2019201374 2019201386
<b>C08J 3 /-</b> 2017225043	<b>E01F 15 /-</b> 2018223024	<b>F16B 13 /-</b> 2018219986	<b>G02C 7 /-</b> 2018220111	<b>G05B 23 /-</b> 2018220043	<b>H04N 13 /-</b> 2018220103 2019201383
<b>C08L 9 /-</b> 2018201587	<b>E01F 9 /-</b> 2018223024	<b>F16B 29 /-</b> 2018219986	<b>G05D 1 /-</b> 2019201404	<b>G05D 1 /-</b> 2019201404	<b>H04N 19 /-</b> 2017225027 2019201383
<b>C08L 95 /-</b> 2018201587	<b>E02B 11 /-</b> 2018222914	<b>F16B 39 /-</b> 2018219986	<b>G05D 7 /-</b> 2018220035 2018226463	<b>G08B 23 /-</b> 2019201394	<b>H04N 21 /-</b> 2018222925
<b>C08L 97 /-</b> 2019201422	<b>E02F 3 /-</b> 2019201394	<b>F16J 10 /-</b> 2018222981	<b>G06F 11 /-</b> 2018202545	<b>G09G 5 /-</b> 2019201411 2019201436	<b>H04R 25 /-</b> 2018204636
<b>C09D 109 /-</b> 2018201587	<b>E02F 9 /-</b> 2019201394	<b>F16K 15 /-</b> 2018220011	<b>G06F 17 /-</b> 2018213997 2018222925 2018222956 2019201386	<b>G10K 11 /-</b> 2019201415	<b>H04W 4 /-</b> 2018222925 2018222950 2019201374 2019201393
<b>C09D 147 /-</b> 2018217319	<b>E03B 7 /-</b> 2018220011	<b>F16K 7 /-</b> 2018226463	<b>G06F 17 /-</b> 2018213997 2018222925 2018222956 2019201386	<b>G12B 13 /-</b> 2018220008	<b>H04W 48 /-</b> 2018222925
<b>C09D 195 /-</b> 2018201587	<b>E03B 9 /-</b> 2018220011	<b>F16L 3 /-</b> 2018226407 2018226477	<b>G06F 3 /-</b> 2017221884 2017225006 2019201436	<b>G21C 21 /-</b> 2019201209	<b>H04W 8 /-</b> 2019201393
<b>C09D 4 /-</b> 2017225043	<b>E03C 1 /-</b> 2018222914	<b>F16M 11 /-</b> 2018217261	<b>G06F 9 /-</b> 2018200864	<b>G21C 3 /-</b> 2019201209	<b>H05B 6 /-</b> 2019201379
<b>C10J 3 /-</b> 2019201333	<b>E04B 1 /-</b> 2018226409	<b>F16M 13 /-</b> 2018217261	<b>G06K 9 /-</b> 2017225023	<b>H01F 27 /-</b> 2019201448	<b>No IPC Mark</b>
<b>C12N 15 /-</b> 2019201337 2019201344	<b>E04D 13 /-</b> 2018222923	<b>F23C 5 /-</b> 2018214150	<b>G06Q 20 /-</b> 2018200864 2019201227 2019201335	<b>H01L 21 /-</b> 2019201444	
<b>C12N 9 /-</b> 2019201344	<b>E04F 10 /-</b> 2018226508 2018226509	<b>F23C 6 /-</b> 2018214150	<b>G06Q 30 /-</b> 2017204593 2019201398 2019201455	<b>H01L 51 /-</b> 2019201229	
<b>C12P 19 /-</b> 2019201422	<b>E04G 3 /-</b> 2018222923	<b>F23C 7 /-</b> 2018214150	<b>G06Q 40 /-</b> 2019201368	<b>H01M 8 /-</b> 2018220035	
<b>C12P 21 /-</b> 2019201315	<b>E04H 15 /-</b> 2018222888	<b>F23L 9 /-</b> 2018214150	<b>G06Q 50 /-</b> 2019201388 2019201429 2019201455	<b>H01Q 1 /-</b> 2019201459	
<b>C12Q 1 /-</b> 2019201377 2019201419 2019201446	<b>E06B 3 /-</b> 2017225048	<b>G01B 11 /-</b> 2018220008 2018220103 2019200725 2019201457	<b>G06Q 50 /-</b> 2019201388 2019201429 2019201455	<b>H01Q 17 /-</b> 2019201459	
<b>C23C 14 /-</b> 2019201229	<b>E06B 7 /-</b> 2017225048	<b>G01G 19 /-</b> 2019201429		<b>H01R 13 /-</b> 2018214046	
	<b>E21B 19 /-</b> 2019201428	<b>G01G 23 /-</b> 2019201429		<b>H01R 31 /-</b> 2018211321	
	<b>E21B 34 /-</b> 2019201431				

PCT applications which have entered the National Phase

Name Index

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

---

(71) 22nd Century Limited, LLC  
 (11) AU-A-2017318597  
 (21) 2017318597 (22) 31.08.2017  
 (54) Transcription factor NTERF241 and methods of using the same  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/79** ( 2006.01 )  
 (87) WO2018/045140  
 (31) 62/382,895 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (72) Rushton, Paul  
 (74) Davies Collison Cave Pty Ltd

---

(71) 3M Innovative Properties Company  
 (11) AU-A-2017318955  
 (21) 2017318955 (22) 24.08.2017  
 (54) Electronic hearing protector with switchable electrical contacts  
 (51) Int. Cl.  
**H04R 25/00** ( 2006.01 )  
**A61F 11/08** ( 2006.01 )  
 (87) WO2018/044689  
 (31) 62/380,581 (32) 29.08.16 (33) US  
 (43) 08.03.2018  
 (72) Alban, David L.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) 3M Innovative Properties Company  
 (11) AU-A-2017321323  
 (21) 2017321323 (22) 29.08.2017  
 (54) Polymeric protector coating  
 (51) Int. Cl.  
**C09D 175/04** ( 2006.01 )  
**C08L 75/04** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )  
**C09D 5/20** ( 2006.01 )  
**C09D 7/00** ( 2006.01 )  
 (87) WO2018/044818  
 (31) 2016903441 (32) 30.08.16 (33) AU  
 (43) 08.03.2018  
 (72) Alizadeh, Kimia; Lee, Doo-Hyun; Di Scala, George; Hsu, Yu-Chieh; Nietfeld, Jon P.; Schwab, Jeffrey J.  
 (74) Davies Collison Cave Pty Ltd

---

(71) 3M Innovative Properties Company  
 (11) AU-A-2017321891  
 (21) 2017321891 (22) 01.09.2017  
 (54) Reticulated reflective material  
 (51) Int. Cl.  
**G02B 5/12** ( 2006.01 )  
**A41D 13/01** ( 2006.01 )  
**A41D 31/00** ( 2006.01 )  
**A62B 17/00** ( 2006.01 )  
**B29D 28/00** ( 2006.01 )  
**B32B 5/00** ( 2006.01 )

**G02B 5/136** ( 2006.01 )  
 (87) WO2018/045316  
 (31) 62/382,469 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Gold, Anne C.; Guttman, Silvia G. B.; Gilbert, Thomas J.; Voelker, Corey D.; Koch, Bernerd A.; Corrigan, Thomas R. J.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) 8 Rivers Capital, LLC  
 (11) AU-A-2017319585  
 (21) 2017319585 (22) 29.08.2017  
 (54) Systems and methods for power production including ion transport components  
 (51) Int. Cl.  
**F02C 1/06** ( 2006.01 )  
**F02C 3/34** ( 2006.01 )  
 (87) WO2018/042338  
 (31) 62/381,907 (32) 31.08.16 (33) US  
 (43) 08.03.2018  
 (72) Allam, Rodney John; Brown Jr., Glenn William; Hoff, Benjamin  
 (74) Spruson & Ferguson

---

(71) 9352-4585 Québec Inc.  
 (11) AU-A-2017306587  
 (21) 2017306587 (22) 31.07.2017  
 (54) Plumbing fittings  
 (51) Int. Cl.  
**F16L 21/08** ( 2006.01 )  
**E03C 1/12** ( 2006.01 )  
**E03C 1/22** ( 2006.01 )  
**F16L 21/03** ( 2006.01 )  
**F16L 37/08** ( 2006.01 )  
**F16L 37/091** ( 2006.01 )  
**F16L 47/04** ( 2006.01 )  
**F16L 47/08** ( 2006.01 )  
**F16L 47/12** ( 2006.01 )

(87) WO2018/023196  
 (31) 62/474,043 (32) 20.03.17 (33) US  
 62/369,119 31.07.16 US  
 62/376,942 19.08.16 US  
 62/482,721 07.04.17 US  
 (43) 08.02.2018  
 (72) Cardinale, Claudio  
 (74) Madderns Pty Ltd

---

(71) ABB Schweiz AG  
 (11) AU-A-2018209057  
 (21) 2018209057 (22) 10.01.2018  
 (54) Mechanical arrangement of subsea switchgear  
 (51) Int. Cl.  
**H02J 4/00** ( 2006.01 )  
**H02B 7/06** ( 2006.01 )  
**H02G 9/02** ( 2006.01 )  
 (87) WO2018/134101  
 (31) 17151905.1 (32) 18.01.17 (33) EP

(43) 26.07.2018  
 (72) Trandal, Arne  
 (74) Griffith Hack

---

(71) AbbVie Biotherapeutics Inc.  
 (11) AU-A-2017326329  
 (21) 2017326329 (22) 14.09.2017  
 (54) Anti-PD-1(CD279) antibodies  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
 (87) WO2018/053106  
 (31) 62/394,314 (32) 14.09.16 (33) US  
 (43) 22.03.2018  
 (72) Afar, Daniel E. H.; Harding, Fiona A.; Samayoa, Josue  
 (74) Spruson & Ferguson

---

(71) Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc.  
 (11) AU-A-2017307566  
 (21) 2017307566 (22) 04.08.2017  
 (54) Dosing regimens for treating metal-mediated conditions  
 (51) Int. Cl.  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/164** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )  
 (87) WO2018/027132  
 (31) 62/371,274 (32) 05.08.16 (33) US  
 62/371,280 05.08.16 US  
 (43) 08.02.2018  
 (72) Burke, Steven Keith; Bergeron Jr., Raymond J.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Abiomed, Inc.  
 (11) AU-A-2017318694  
 (21) 2017318694 (22) 01.09.2017  
 (54) Anti-suction blood pump inlet  
 (51) Int. Cl.  
**A61M 1/10** ( 2006.01 )  
 (87) WO2018/045299  
 (31) 62/382,471 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Corbett, Scott C.; Katerji, Ahmad El; Delorenzo, Charles  
 (74) Davies Collison Cave Pty Ltd

---

(71) Adaptix Ltd  
 (11) AU-A-2017310490  
 (21) 2017310490 (22) 19.07.2017  
 (54) Method and system for reconstructing 3-dimensional images from spatially and temporally overlapping x-rays  
 (51) Int. Cl.  
**A61B 6/00** ( 2006.01 )  
 (87) WO2018/029439  
 (31) 15/231,039 (32) 08.08.16 (33) US

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

- (43) 15.02.2018  
 (72) Hauser, Raphael; Klodt, Maria; Travish, Gil; Betteridge, Paul  
 (74) LAMINAR IP PTY LTD
- 
- (71) Aesculap AG  
 (11) AU-A-2017303481  
 (21) 2017303481 (22) 31.07.2017  
 (54) Implant and joint implant  
 (51) Int. Cl.  
*A61F 2/30* ( 2006.01 )  
*A61F 2/32* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
 (87) WO2018/020048  
 (31) 10 2016 114 059.7 (32) 29.07.16 (33) DE  
 (43) 01.02.2018  
 (72) Hagen, Thomas; Schulz, Thomas; Mann, Sacha T. W.; Grupp, Thomas  
 (74) Griffith Hack
- 
- (71) AgBiome, Inc.  
 (11) AU-A-2017324875  
 (21) 2017324875 (22) 06.09.2017  
 (54) Pesticidal genes and methods of use  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*C07K 14/195* ( 2006.01 )  
 (87) WO2018/048915  
 (31) 62/385,441 (32) 09.09.16 (33) US  
 62/448,410 20.01.17 US  
 62/383,773 06.09.16 US  
 62/477,036 27.03.17 US  
 (43) 15.03.2018  
 (72) Parks, Jessica; Roberts, Kira Bulazel; Thayer, Rebecca E.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) AgJunction LLC  
 (11) AU-A-2017346492  
 (21) 2017346492 (22) 16.10.2017  
 (54) An actuator for turning a steering wheel in automatic steering systems  
 (51) Int. Cl.  
*B62D 1/00* ( 2006.01 )  
*B62D 5/04* ( 2006.01 )  
*G05D 1/02* ( 2006.01 )  
 (87) WO2018/075397  
 (31) 62/409,210 (32) 17.10.16 (33) US  
 (43) 26.04.2018  
 (72) Joughin, Alan Robert  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Agriculture Victoria Services Pty Ltd  
 (11) AU-A-2017309821  
 (21) 2017309821 (22) 11.08.2017  
 (54) Methods of characterising endophytes  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*C12N 1/14* ( 2006.01 )  
 (87) WO2018/027276  
 (31) 2016903175 (32) 12.08.16 (33) AU  
 (43) 15.02.2018  
 (72) Spangenberg, German Carlos; Guthridge, Kathryn Michaela; Mann, Ross; Sawbridge, Timothy Ivor; Ekanayake, Piyumi Niroshini; Hettiarachchige, Inoka Kumari; Brohier, Natasha Denise; Rochfort, Simone Jane; Edwards, Jacqueline  
 (74) Jones Tulloch
- 
- (71) Agriculture Victoria Services Pty Ltd  
 (11) AU-A-2017310264  
 (21) 2017310264 (22) 11.08.2017  
 (54) Metabolite production in endophytes  
 (51) Int. Cl.  
*C12N 9/02* ( 2006.01 )  
 (87) WO2018/027275  
 (31) 2016903172 (32) 12.08.16 (33) AU  
 (43) 15.02.2018  
 (72) Spangenberg, German Carlos; Guthridge, Kathryn Michaela; Mann, Ross; Sawbridge, Timothy Ivor; Davidson, Sophie Elizabeth; Vassiliadis, Simone; Hettiarachchige, Inoka Kumari; Rochfort, Simone Jane; Ludlow, Emma Jane Isobel; Brohier, Natasha Denise  
 (74) Jones Tulloch
- 
- (71) Agrinos AS  
 (11) AU-A-2017319484  
 (21) 2017319484 (22) 30.08.2017  
 (54) Defined microbial compositions  
 (51) Int. Cl.  
*A01N 63/02* ( 2006.01 )  
*A01N 63/04* ( 2006.01 )  
*C05F 11/08* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
 (87) WO2018/045004  
 (31) 62/381,441 (32) 30.08.16 (33) US  
 (43) 08.03.2018  
 (72) Kendirgi, Frederic; Liu, Xing Liang; Wagner, D. Ry; Yoon, Sung-Yong H.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Air BP Limited  
 (11) AU-A-2017331392  
 (21) 2017331392 (22) 20.09.2017  
 (54) System and process  
 (51) Int. Cl.  
*B64D 37/16* ( 2006.01 )  
*B64D 37/32* ( 2006.01 )  
*B64F 1/28* ( 2006.01 )  
*B67D 7/34* ( 2010.01 )  
 (87) WO2018/054987  
 (31) 1616123.4 (32) 22.09.16 (33) GB  
 (43) 29.03.2018  
 (72) Dubenski, Paul Jerzy  
 (74) Spruson & Ferguson
- 
- (71) Ajou University Industry-Academic Cooperation Foundation  
 (11) AU-A-2017310163  
 (21) 2017310163 (22) 10.08.2017  
 (54) Cytokine fused to immunoglobulin Fc heterodimer and pharmaceutical composition comprising same  
 (51) Int. Cl.  
*C07K 14/54* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
*A61K 38/24* ( 2006.01 )  
*C07K 14/59* ( 2006.01 )  
 (87) WO2018/030806
- 
- (31) 10-2016-0101823 (32) 10.08.16 (33) KR  
 10-2017-0101594 10.08.17 KR  
 (43) 15.02.2018  
 (72) Kim, Yong Sung; Jung, Keunok; Ha, Ji Hee; Kim, Ye Jin; Choi, Dong Ki; Choi, Hye Ji  
 (74) Spruson & Ferguson
- 
- (71) Aleyegn Technologies LLC  
 (11) AU-A-2017322492  
 (21) 2017322492 (22) 08.09.2017  
 (54) Glaucoma treatment methods and apparatus  
 (51) Int. Cl.  
*A61N 1/02* ( 2006.01 )  
 (87) WO2018/049246  
 (31) 62/473,269 (32) 17.03.17 (33) US  
 62/385,234 08.09.16 US  
 (43) 15.03.2018  
 (72) Herekar, Rajeev; Herekar, Satish; Samples, John Randall  
 (74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
 (11) AU-A-2017315411  
 (21) 2017315411 (22) 24.08.2017  
 (54) Calculating individual carbon footprints  
 (51) Int. Cl.  
*G06Q 10/00* ( 2006.01 )  
 (87) WO2018/039445  
 (31) 201610717756.7 (32) 24.08.16 (33) CN  
 15/684,603 23.08.17 US  
 (43) 01.03.2018  
 (72) Jin, Huajing; Xu, Di; Li, Zhenhua; Bai, Xue  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) All Day Designs Ltd  
 (11) AU-A-2016417658  
 (21) 2016417658 (22) 01.08.2016  
 (54) Transportation apparatus  
 (51) Int. Cl.  
*B62B 7/04* ( 2006.01 )  
*B62B 7/12* ( 2006.01 )  
*B62K 9/02* ( 2006.01 )  
*B62K 13/00* ( 2006.01 )  
 (87) WO2018/025002  
 (43) 08.02.2018  
 (72) Day, Amanda  
 (74) FB Rice Pty Ltd
- 
- (71) Amazon Technologies, Inc.  
 (11) AU-A-2017321715  
 (21) 2017321715 (22) 31.08.2017  
 (54) Managed query service  
 (51) Int. Cl.  
*G06F 16/00* ( 2019.01 )  
*G06F 9/50* ( 2006.01 )  
 (87) WO2018/045185  
 (31) 62/382,477 (32) 01.09.16 (33) US  
 15/470,829 27.03.17 US  
 (43) 08.03.2018  
 (72) Kalathuru, Bhargava Ram; Fang, Jian; Wu, Xing; Yue, Yuanyuan; Gawande, Pratik Bhagwat; Hocanin, Turkey Mert; Denton, Jason Douglas; Natali, Luca;

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

Pathak, Rahul Sharma; Sinha, Abhishek Rajnikant; Maru, Sumeetkumar Veniklal; Tangamyan, Armen; Jiang, Yufeng  
**(74)** Phillips Ormonde Fitzpatrick

**(87)** WO2018/048955  
**(31)** 62/384,090 **(32)** 06.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Neal, Daniel R.; Copland, Richard J.  
**(74)** FPA Patent Attorneys Pty Ltd

**(43)** 01.03.2018  
**(72)** Coulston, Roger; Diec, David; Howe, Andrew Michael; Martinez-Santiago, Jose  
**(74)** FB Rice Pty Ltd

**(71)** AMO Development, LLC  
**(11)** AU-A-2017322480  
**(21)** 2017322480 **(22)** 08.09.2017  
**(54)** Systems and methods for obtaining iris registration and pupil centration for laser surgery  
**(51)** Int. Cl.  
**A61F 9/008** ( 2006.01 )  
**(87)** WO2018/049230  
**(31)** 62/385,147 **(32)** 08.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Chen, Li; Chernyak, Dimitri  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2017324176  
**(21)** 2017324176 **(22)** 30.08.2017  
**(54)** User interfaces for store-value accounts  
**(51)** Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
**G06Q 40/04** ( 2012.01 )  
**(87)** WO2018/048703  
**(31)** 62/384,043 **(32)** 06.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Van Os, Marcel; Ahn, Charles; Anton, Peter D.; Alabi, Oluwatomiwa B.; Pitschel, Donald W.; Dicker, George R.; Steele, Glen W.; Ruangchan, Danvin; Tickner, Simon; Webster, Shawn T.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Aquablok, Ltd.  
**(11)** AU-A-2017321804  
**(21)** 2017321804 **(22)** 01.09.2017  
**(54)** Use of composite particles for protecting a lifeline structure against seismic wave damage  
**(51)** Int. Cl.  
**C04B 14/12** ( 2006.01 )  
**C09D 4/02** ( 2006.01 )  
**C09D 7/40** ( 2018.01 )  
**E02B 3/12** ( 2006.01 )  
**E02B 7/06** ( 2006.01 )  
**E02D 5/18** ( 2006.01 )  
**E02D 19/16** ( 2006.01 )  
**(87)** WO2018/045257  
**(31)** 62/382,463 **(32)** 01.09.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Hull, John H.  
**(74)** Spruson & Ferguson

**(71)** AMO Development, LLC  
**(11)** AU-A-2017322503  
**(21)** 2017322503 **(22)** 08.09.2017  
**(54)** Eye tissue measurements  
**(51)** Int. Cl.  
**A61F 9/008** ( 2006.01 )  
**A61B 3/107** ( 2006.01 )  
**(87)** WO2018/049265  
**(31)** 62/385,167 **(32)** 08.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Malek Tabrizi, Alireza; Liu, Harvey I.; Fu, Hong  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2017330232  
**(21)** 2017330232 **(22)** 08.09.2017  
**(54)** Secure communication of network traffic  
**(51)** Int. Cl.  
**H04L 9/08** ( 2006.01 )  
**H04L 9/32** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )  
**(87)** WO2018/057321  
**(31)** 62/399,307 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Schaap, Tristan F.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Arecor Limited  
**(11)** AU-A-2017334289  
**(21)** 2017334289 **(22)** 29.09.2017  
**(54)** Novel formulations  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2018/060735  
**(31)** 1707190.3 **(32)** 05.05.17 **(33)** GB  
 1617866.7 21.10.16 GB  
 1616509.4 29.09.16 GB  
**(43)** 05.04.2018  
**(72)** Gerring, David; Howell, Sarah; Jezek, Jan; Zakrzewski, Leon  
**(74)** Shelston IP Pty Ltd.

**(71)** AmorePacific Corporation  
**(11)** AU-A-2017321948  
**(21)** 2017321948 **(22)** 28.08.2017  
**(54)** Oil-in-water type emulsion having excellent stability and cosmetic composition comprising same  
**(51)** Int. Cl.  
**A61K 8/73** ( 2006.01 )  
**A61K 8/06** ( 2006.01 )  
**A61K 8/19** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
**A61K 8/41** ( 2006.01 )  
**A61K 8/44** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**(87)** WO2018/044003  
**(31)** 10-2016-0110728 **(32)** 30.08.16 **(33)** KR  
**(43)** 08.03.2018  
**(72)** Han, Ji Yeon; Suh, Yu Mi; Kim, Sun Young; Shin, Ji Sik; Choi, Dong Won  
**(74)** FB Rice Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2017332620  
**(21)** 2017332620 **(22)** 08.09.2017  
**(54)** Network timing synchronization  
**(51)** Int. Cl.  
**H04J 3/06** ( 2006.01 )  
**G06F 21/64** ( 2013.01 )  
**H04L 9/12** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )  
**(87)** WO2018/057322  
**(31)** 62/399,313 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Shah, Birju, N.; Schaap, Tristan, F.; Zmuda, James, E.; Von Willich, Manfred  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Arecor Limited  
**(11)** AU-A-2017334290  
**(21)** 2017334290 **(22)** 29.09.2017  
**(54)** Novel formulations  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2018/060736  
**(31)** 1617866.7 **(32)** 21.10.16 **(33)** GB  
 1616509.4 29.09.16 GB  
 1707190.3 05.05.17 GB  
**(43)** 05.04.2018  
**(72)** Gerring, David; Howell, Sarah; Jezek, Jan; Zakrzewski, Leon  
**(74)** Shelston IP Pty Ltd.

**(71)** AMO Wavefront Sciences, LLC  
**(11)** AU-A-2017324944  
**(21)** 2017324944 **(22)** 06.09.2017  
**(54)** Optical measurement systems and processes with wavefront aberrometer having variable focal length lens  
**(51)** Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**A61B 3/00** ( 2006.01 )  
**A61B 3/103** ( 2006.01 )  
**A61B 3/107** ( 2006.01 )

**(71)** Aqdot Limited  
**(11)** AU-A-2017315222  
**(21)** 2017315222 **(22)** 11.08.2017  
**(54)** Suspension compositions  
**(51)** Int. Cl.  
**A61K 8/49** ( 2006.01 )  
**A61L 9/012** ( 2006.01 )  
**A61L 9/014** ( 2006.01 )  
**A61Q 15/00** ( 2006.01 )  
**(87)** WO2018/037209  
**(31)** 1614458.6 **(32)** 24.08.16 **(33)** GB

**(71)** Armatron Systems, LLC  
**(11)** AU-A-2017326927  
**(21)** 2017326927 **(22)** 13.09.2017  
**(54)** Method of reinforced cementitious construction by high speed extrusion printing and apparatus for using same  
**(51)** Int. Cl.  
**B28B 1/00** ( 2006.01 )  
**E04B 1/16** ( 2006.01 )

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

- (87) WO2018/052469  
 (31) 62/495,514 (32) 14.09.16 (33) US  
 (43) 22.03.2018  
 (72) Giles, Brian C.  
 (74) Shelston IP Pty Ltd.
- 
- (71) Arrowhead Pharmaceuticals, Inc  
 (11) AU-A-2017320582  
 (21) 2017320582 (22) 07.03.2017  
 (54) Targeting ligands  
 (51) Int. Cl.  
 A61K 31/713 ( 2006.01 )  
 C12N 15/11 ( 2006.01 )  
 C12N 15/87 ( 2006.01 )
- (87) WO2018/044350  
 (31) 62/456,339 (32) 08.02.17 (33) US  
 62/383,221 02.09.16 US  
 (43) 08.03.2018  
 (72) Li, Zhen; Pei, Tao; Glebocka, Agnieszka; Lawler, Michael; Fleitz, Fred; Altenhofer, Erich; Kumar, Pankaj  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Arthrex, Inc.  
 (11) AU-A-2017334538  
 (21) 2017334538 (22) 15.09.2017  
 (54) Instrument for manual insertion of button  
 (51) Int. Cl.  
 A61B 17/04 ( 2006.01 )
- (87) WO2018/063819  
 (31) 15/278,804 (32) 28.09.16 (33) US  
 (43) 05.04.2018  
 (72) Earhart, Todd; Denove, Pete; Gallen, Karen; Thomsen, Darren  
 (74) Spruson & Ferguson
- 
- (71) Arvos Ljungström LLC  
 (11) AU-A-2017313655  
 (21) 2017313655 (22) 10.02.2017  
 (54) Flexible seal for a rotary regenerative preheater  
 (51) Int. Cl.  
 F28D 19/04 ( 2006.01 )
- (87) WO2018/034694  
 (31) PCT/US2016/047318 (32) 17.08.16 (33) US  
 (43) 22.02.2018  
 (72) O'Boyle, Jeffrey  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Ascendis Pharma Bone Diseases A/S  
 (11) AU-A-2017336249  
 (21) 2017336249 (22) 28.09.2017  
 (54) Dosage regimen for a controlled-release PTH compound  
 (51) Int. Cl.  
 A61K 38/29 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/16 ( 2006.01 )  
 A61K 47/34 ( 2017.01 )
- (87) WO2018/060310  
 (31) 16191451.0 (32) 29.09.16 (33) EP  
 17155843.0 13.02.17 EP
- 
- (71) Ascendis Pharma Bone Diseases A/S  
 (11) AU-A-2017336250  
 (21) 2017336250 (22) 28.09.2017  
 (54) Incremental dose finding in controlled-release PTH compounds  
 (51) Int. Cl.  
 A61K 47/50 ( 2017.01 )  
 A61K 47/60 ( 2017.01 )  
 A61P 5/00 ( 2006.01 )  
 A61P 5/18 ( 2006.01 )  
 A61P 7/00 ( 2006.01 )  
 A61P 7/08 ( 2006.01 )  
 A61P 19/00 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 A61P 19/08 ( 2006.01 )  
 A61P 19/10 ( 2006.01 )  
 A61P 43/00 ( 2006.01 )
- (87) WO2018/060311  
 (31) 16191453.6 (32) 29.09.16 (33) EP  
 (43) 05.04.2018  
 (72) Karpf, David Brian; Sprogøe, Kennett; Holten-Andersen, Lars  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Ascendis Pharma Bone Diseases A/S  
 (11) AU-A-2017336251  
 (21) 2017336251 (22) 28.09.2017  
 (54) PTH compounds with low peak-to-trough ratios  
 (51) Int. Cl.  
 A61K 38/29 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 47/34 ( 2017.01 )
- (87) WO2018/060312  
 (31) 16191454.4 (32) 29.09.16 (33) EP  
 17155846.3 13.02.17 EP  
 (43) 05.04.2018  
 (72) Sprogøe, Kennett; Holten-Andersen, Lars; Karpf, David Brian  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Ascendis Pharma Growth Disorders A/S  
 (11) AU-A-2017336253  
 (21) 2017336253 (22) 28.09.2017  
 (54) Combination therapy with controlled-release CNP agonists  
 (51) Int. Cl.  
 A61K 31/505 ( 2006.01 )  
 A61K 38/22 ( 2006.01 )  
 A61K 47/60 ( 2017.01 )
- (87) WO2018/060314  
 (31) 16191456.9 (32) 29.09.16 (33) EP  
 (43) 05.04.2018  
 (72) Holten-Andersen, Lars; Miller Breinholt, Vibeke; Sprogøe, Kennett  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Atea Pharmaceuticals, Inc.  
 (11) AU-A-2017324939  
 (21) 2017324939 (22) 06.09.2017  
 (54) 2'-substituted-N6-substituted purine nucleotides for RNA virus treatment  
 (51) Int. Cl.  
 C07H 23/00 ( 2006.01 )  
 C07H 19/16 ( 2006.01 )  
 C07H 19/207 ( 2006.01 )
- (87) WO2018/048937  
 (31) 62/384,664 (32) 07.09.16 (33) US  
 (43) 15.03.2018  
 (72) Sommadossi, Jean-Pierre; Moussa, Adel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ATOS Integration  
 (11) AU-A-2017310075  
 (21) 2017310075 (22) 08.08.2017  
 (54) System for composing or modifying virtual reality sequences, method of composing and system for reading said sequences  
 (51) Int. Cl.  
 G06T 19/00 ( 2011.01 )  
 G06F 3/01 ( 2006.01 )  
 G06T 17/00 ( 2006.01 )  
 H04N 21/854 ( 2011.01 )
- (87) WO2018/029426  
 (31) 1657666 (32) 09.08.16 (33) FR  
 (43) 15.02.2018  
 (72) Morin, Gabriel; Dujardin, François  
 (74) FAL PATENTS PTY LTD
- 
- (71) Avectas Limited  
 (11) AU-A-2017319400  
 (21) 2017319400 (22) 31.08.2017  
 (54) Adaptive electrospray device  
 (51) Int. Cl.  
 B05B 1/14 ( 2006.01 )  
 B05B 1/26 ( 2006.01 )  
 B05B 5/025 ( 2006.01 )  
 B05B 12/08 ( 2006.01 )  
 B05B 12/18 ( 2018.01 )
- (87) WO2018/042256  
 (31) 62/381,667 (32) 31.08.16 (33) US  
 (43) 08.03.2018  
 (72) Maguire, Michael; Finnegan, Shane  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft  
 (11) AU-A-2017333333  
 (21) 2017333333 (22) 22.09.2017  
 (54) 5-substituted imidazolymethylidioxolane derivatives as fungicides  
 (51) Int. Cl.  
 C07D 405/06 ( 2006.01 )  
 A01N 43/50 ( 2006.01 )  
 A01P 3/00 ( 2006.01 )
- (87) WO2018/060088  
 (31) 16191285.2 (32) 29.09.16 (33) EP  
 (43) 05.04.2018  
 (72) Coqueron, Pierre-Yves; Bernier, David; Genix, Pierre; Miller, Ricarda; Naud, Sebastien; Wittrock, Sven; Brunet, Stephane; Kennel, Philippe; Meissner,

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

- Ruth; Wachendorff-Neumann, Ulrike;  
Görtz, Andreas  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2017308574  
**(21)** 2017308574 **(22)** 27.07.2017  
**(54)** Sealing arrangement for syringe and method  
**(51)** Int. Cl.  
**A61M 5/178** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**(87)** WO2018/031239  
**(31)** 15/232,233 **(32)** 09.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Cojocariu, Gheorghe; Ryan, Kevin M.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2017332751  
**(21)** 2017332751 **(22)** 22.09.2017  
**(54)** Breathable films with microbial barrier properties  
**(51)** Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**A61L 15/00** ( 2006.01 )  
**(87)** WO2018/057869  
**(31)** 15/711,653 **(32)** 21.09.17 **(33)** US  
62/399,743 26.09.16 US  
**(43)** 29.03.2018  
**(72)** Zhang, Jianbin; Hermel-Davidock, Theresa; Coughlin, Edward Bryan  
**(74)** Dark IP
- 
- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2017332755  
**(21)** 2017332755 **(22)** 22.09.2017  
**(54)** Enhancing bond strength of medical devices  
**(51)** Int. Cl.  
**A61L 27/16** ( 2006.01 )  
**C08L 71/02** ( 2006.01 )  
**(87)** WO2018/057873  
**(31)** 62/399,748 **(32)** 26.09.16 **(33)** US  
15/711,657 21.09.17 US  
**(43)** 29.03.2018  
**(72)** Zhang, Jianbin; Hermel-Davidock, Theresa; Coughlin, Edward Bryan; Datashvili, Tea  
**(74)** Dark IP
- 
- (71)** Becton, Dickinson And Company  
**(11)** AU-A-2017332749  
**(21)** 2017332749 **(22)** 22.09.2017  
**(54)** Enhancing bond strength of medical devices  
**(51)** Int. Cl.  
**A61L 29/04** ( 2006.01 )  
**(87)** WO2018/057867  
**(31)** 15/711,646 **(32)** 21.09.17 **(33)** US  
62/399,740 26.09.16 US  
**(43)** 29.03.2018  
**(72)** Zhang, Jianbin; Hermel-Davidock, Theresa; Coughlin, Edward Bryan; Datashvili, Tea  
**(74)** Dark IP
- 
- (71)** Beijing Jingdong Shangke Information Technology Co, Ltd.; Beijing Jingdong Century Trading Co., Ltd.  
**(11)** AU-A-2017306320  
**(21)** 2017306320 **(22)** 05.07.2017  
**(54)** Method, device and system for guiding unmanned aerial vehicle to land  
**(51)** Int. Cl.  
**B64D 45/08** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**(87)** WO2018/024069  
**(31)** 201610632597.0 **(32)** 04.08.16 **(33)** CN  
**(43)** 08.02.2018  
**(72)** Han, Song  
**(74)** Griffith Hack
- 
- (71)** Bendix Commercial Vehicle Systems LLC  
**(11)** AU-A-2017327538  
**(21)** 2017327538 **(22)** 06.09.2017  
**(54)** Geared interface having non-linear feedback  
**(51)** Int. Cl.  
**F16H 19/00** ( 2006.01 )  
**G05G 1/08** ( 2006.01 )  
**G05G 5/03** ( 2006.01 )  
**F16H 35/00** ( 2006.01 )  
**(87)** WO2018/052770  
**(31)** 15/263,433 **(32)** 13.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Brubaker, Christopher L.  
**(74)** Spruson & Ferguson
- 
- (71)** Bigg, S.  
**(11)** AU-A-2016314781  
**(21)** 2016314781 **(22)** 02.09.2016  
**(54)** Stackable container system  
**(51)** Int. Cl.  
**A01G 9/02** ( 2006.01 )  
**B65D 21/02** ( 2006.01 )  
**(87)** WO2017/035601  
**(43)** 09.03.2017  
**(72)** Bigg, Stephen William  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Bioionix, Inc.  
**(11)** AU-A-2017318725  
**(21)** 2017318725 **(22)** 01.09.2017  
**(54)** Configuration for electrochemical water treatment  
**(51)** Int. Cl.  
**B01J 8/06** ( 2006.01 )  
**C02F 1/461** ( 2006.01 )  
**C02F 1/467** ( 2006.01 )  
**C25B 11/02** ( 2006.01 )  
**F15C 1/06** ( 2006.01 )  
**G01F 1/40** ( 2006.01 )  
**G05D 9/12** ( 2006.01 )  
**(87)** WO2018/045355  
**(31)** 62/383,092 **(32)** 02.09.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Hale, Brian R.; Vogel, Jeremy  
**(74)** Griffith Hack
- 
- (71)** Biolumic Limited  
**(11)** AU-A-2017315252  
**(21)** 2017315252 **(22)** 21.08.2017
- 
- (54)** System, device and methods of seed treatment  
**(51)** Int. Cl.  
**A01C 1/02** ( 2006.01 )  
**A01G 7/04** ( 2006.01 )  
**(87)** WO2018/037281  
**(31)** 62/377,909 **(32)** 22.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Wargent, Jason John; Cooney, Luke James  
**(74)** FB Rice Pty Ltd
- 
- (71)** Bluebird Bio, Inc.  
**(11)** AU-A-2017312132  
**(21)** 2017312132 **(22)** 18.08.2017  
**(54)** Genome editing enhancers  
**(51)** Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 35/761** ( 2015.01 )  
**(87)** WO2018/035423  
**(31)** 62/377,357 **(32)** 19.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Astrakhan, Sasha; Heffner, Garrett C.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Bluebird Bio, Inc.  
**(11)** AU-A-2017323629  
**(21)** 2017323629 **(22)** 08.09.2017  
**(54)** PD-1 homing endonuclease variants, compositions, and methods of use  
**(51)** Int. Cl.  
**C12N 15/66** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 38/46** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(87)** WO2018/049226  
**(31)** 62/385,079 **(32)** 08.09.16 **(33)** US  
62/414,279 28.10.16 US  
**(43)** 15.03.2018  
**(72)** Mann, Jasdeep; Gay, Joel; Jarjour, Jordan; Zhang, Joy  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Board of Regents, the University of Texas System  
**(11)** AU-A-2017321313  
**(21)** 2017321313 **(22)** 28.08.2017  
**(54)** Inhibitors of dual leucine zipper (DLK) kinase for the treatment of disease  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**(87)** WO2018/044808  
**(31)** 62/380,822 **(32)** 29.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Soth, Michael J.; Jones, Philip; Ray, James; Liu, Gang; Le, Kang; Cross, Jason  
**(74)** Shelston IP Pty Ltd.

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

- (71) Board of Regents, The University of Texas System  
 (11) AU-A-2017318661  
 (21) 2017318661 (22) 31.08.2017  
 (54) Collection probe and methods for the use thereof  
 (51) Int. Cl.  
**B01L 3/02** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**G01N 27/62** ( 2006.01 )  
**G01N 30/72** ( 2006.01 )  
**H01J 49/00** ( 2006.01 )  
**H01J 49/04** ( 2006.01 )  
**H01J 49/26** ( 2006.01 )  
 (87) WO2018/045208  
 (31) 62/411,321 (32) 21.10.16 (33) US  
 62/383,234 02.09.16 US  
 62/462,524 23.02.17 US  
 (43) 08.03.2018  
 (72) Eberlin, Livia Schiavinato; Milner, Thomas; Zhang, Jialing; Lin, John; Rector, John; Katta, Nitesh; Zahedivash, Aydin  
 (74) Spruson & Ferguson
- 
- (71) Boat Lift S.r.l.  
 (11) AU-A-2017318636  
 (21) 2017318636 (22) 11.08.2017  
 (54) Transporting device for launching and hauling a boat  
 (51) Int. Cl.  
**B60P 3/10** ( 2006.01 )  
**B63C 3/12** ( 2006.01 )  
 (87) WO2018/042277  
 (31) 102016000088689 (32) 31.08.16 (33) IT  
 (43) 08.03.2018  
 (72) Pira, Ezio; Cardone, Alex  
 (74) Spruson & Ferguson
- 
- (71) Boehringer Ingelheim Vetmedica GmbH  
 (11) AU-A-2017317572  
 (21) 2017317572 (22) 24.08.2017  
 (54) New paramyxovirus and uses thereof  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 39/155** ( 2006.01 )  
**C07K 14/115** ( 2006.01 )  
**C07K 16/10** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/45** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
 (87) WO2018/037100  
 (31) 16185761.0 (32) 25.08.16 (33) EP  
 (43) 01.03.2018  
 (72) Vahlenkamp, Thomas W.; Sieg, Michael  
 (74) FB Rice Pty Ltd
- 
- (71) Boehringer Ingelheim Vetmedica GmbH  
 (11) AU-A-2017329669  
 (21) 2017329669 (22) 18.09.2017  
 (54) New EHV insertion site ORF70  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
 (87) WO2018/054837  
 (31) 16189776.4 (32) 20.09.16 (33) EP
- 
- (43) 29.03.2018  
 (72) Mundt, Alice; Gallei, Andreas; Rehmet, Kristina  
 (74) FB Rice Pty Ltd
- 
- (71) BP P.L.C.  
 (11) AU-A-2017323419  
 (21) 2017323419 (22) 04.09.2017  
 (54) Process for activation and operation of a hydrocarbon upgrading catalyst  
 (51) Int. Cl.  
**C10G 47/02** ( 2006.01 )  
**C10G 47/14** ( 2006.01 )  
 (87) WO2018/046449  
 (31) 62/383694 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (72) Nemac, Larry  
 (74) Spruson & Ferguson
- 
- (71) Bremer, T.  
 (11) AU-A-2017313907  
 (21) 2017313907 (22) 18.08.2017  
 (54) Delivery of urea to cells of the macula and retina using liposome constructs  
 (51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
 (87) WO2018/035476  
 (31) 62/376,862 (32) 18.08.16 (33) US  
 (43) 22.02.2018  
 (72) Bremer, Troy  
 (74) FB Rice Pty Ltd
- 
- (71) Brooklyn Immunotherapeutics LLC  
 (11) AU-A-2017312121  
 (21) 2017312121 (22) 18.08.2017  
 (54) Uses of PD-1/PD-L1 inhibitors and/or CTLA-4 inhibitors with a biologic containing multiple cytokine components to treat cancer  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 38/19** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
 (87) WO2018/035395  
 (31) 62/377,051 (32) 19.08.16 (33) US  
 (43) 22.02.2018  
 (72) Hadden, John W.; Berinstein, Neil L.; Egan, James E.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) BRUKS Rockwood, LLC  
 (11) AU-A-2017326102  
 (21) 2017326102 (22) 15.09.2017  
 (54) Air-supported belt conveyors and systems and methods of using same  
 (51) Int. Cl.  
**B65G 15/60** ( 2006.01 )  
 (87) WO2018/053285  
 (31) 62/395,816 (32) 16.09.16 (33) US  
 (43) 22.03.2018  
 (72) Warmoth, Francis J.; Nilsson, Bengt Axel; Bennett, Steven B.  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Cancer Research Technology Limited  
 (11) AU-A-2017316709  
 (21) 2017316709 (22) 23.08.2017  
 (54) Methods of identifying microsatellite instability  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (87) WO2018/037231  
 (31) 1614474.3 (32) 24.08.16 (33) GB  
 (43) 01.03.2018  
 (72) Burn, John; Alhilal, Mohammed Ghanim Mehdi; Santibanez-Koref, Francisco Mauro; Redford, Lisa; Jackson, Michael Stewart  
 (74) Baldwins Intellectual Property
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2017337463  
 (21) 2017337463 (22) 27.09.2017  
 (54) Toner cartridge and toner supply mechanism  
 (51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
 (87) WO2018/062571  
 (31) 2016-192719 (32) 30.09.16 (33) JP  
 (43) 05.04.2018  
 (72) Kimura, Takashi; Kojima, Hisayoshi; Kashiide, Yosuke  
 (74) Spruson & Ferguson
- 
- (71) Cardex Group Pty Ltd  
 (11) AU-A-2017304230  
 (21) 2017304230 (22) 31.07.2017  
 (54) Contact information exchanging and content system and method for networking and marketing  
 (51) Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**G06G 30/00** ( 2006.01 )  
**H04W 4/08** ( 2009.01 )  
 (87) WO2018/018099  
 (31) 2016904669 (32) 16.11.16 (33) AU  
 2016902988 29.07.16 AU  
 (43) 01.02.2018  
 (72) Elmasri, Rafik; Elmasri, Wassim; Carvajal Millan, Juan Manuel; Barjel, Melad; Bell, Steven; Barjel, Charlie  
 (74) Krouzer IP
- 
- (71) Cataler Corporation  
 (11) AU-A-2017323141  
 (21) 2017323141 (22) 11.09.2017  
 (54) Exhaust gas cleaning catalyst and method for producing exhaust gas cleaning catalyst  
 (51) Int. Cl.  
**B01J 23/50** ( 2006.01 )  
**B01D 53/94** ( 2006.01 )  
**B01J 23/66** ( 2006.01 )  
**B01J 32/00** ( 2006.01 )  
**B01J 37/02** ( 2006.01 )  
**B01J 37/04** ( 2006.01 )  
**B01J 37/08** ( 2006.01 )  
**F01N 3/10** ( 2006.01 )  
 (87) WO2018/047964  
 (31) 2016-177468 (32) 12.09.16 (33) JP



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

- (71) Chippo Golf LLC  
 (11) AU-A-2017319137  
 (21) 2017319137 (22) 28.08.2017  
 (54) Apparatus and method of play for a golf chipping game  
 (51) Int. Cl.  
**A63B 63/08** ( 2006.01 )  
**A63B 67/02** ( 2006.01 )  
**A63B 69/36** ( 2006.01 )  
 (87) WO2018/044769  
 (31) 62/381,861 (32) 31.08.16 (33) US  
 15/454,530 09.03.17 US  
 29/595,943 03.03.17 US  
 (43) 08.03.2018  
 (72) McAuley, Brendan R.  
 (74) Spruson & Ferguson
- 
- (71) Chrono Therapeutics Inc.  
 (11) AU-A-2017336776  
 (21) 2017336776 (22) 28.09.2017  
 (54) Transdermal drug delivery device for delivering opioids  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/485** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
 (87) WO2018/064377  
 (31) 62/401,043 (32) 28.09.16 (33) US  
 (43) 05.04.2018  
 (72) Stiles, Pete A.; Hooten, W. Michael; Sullivan, Mark Daniel; Ruane, Patrick H.; Matly, David J.; Kaur, Navdeep; Arora, Anubhav; Pamnani, Ravinder D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Clariant International Ltd  
 (11) AU-A-2017329752  
 (21) 2017329752 (22) 19.09.2017  
 (54) Method for selective carbon source-independent expression of protein-encoding sequences in a filamentous fungus cell  
 (51) Int. Cl.  
**C12N 15/80** ( 2006.01 )  
 (87) WO2018/054924  
 (31) 16189598.2 (32) 20.09.16 (33) EP  
 (43) 29.03.2018  
 (72) Gamauf, Christian; Schirmmacher, Georg; Seiboth, Bernhard; Kubicek, Christian P.; Bischof, Robert  
 (74) Spruson & Ferguson
- 
- (71) Clean Planet Inc.  
 (11) AU-A-2017333893  
 (21) 2017333893 (22) 25.09.2017  
 (54) Heat generating system  
 (51) Int. Cl.  
**F24V 30/00** ( 2018.01 )  
**C01B 3/00** ( 2006.01 )  
**C01B 4/00** ( 2006.01 )  
**F17C 11/00** ( 2006.01 )  
 (87) WO2018/062115  
 (31) 2016-189963 (32) 28.09.16 (33) JP  
 (43) 05.04.2018  
 (72) Iwamura, Yasuhiro; Ito, Takehiko; Kasagi, Jirota; Yoshino, Hideki; Hattori, Masanao  
 (74) Shelston IP Pty Ltd.
- 
- (71) c-LEcta GmbH; New Matterhorn, LLC  
 (11) AU-A-2017365631  
 (21) 2017365631 (22) 28.11.2017  
 (54) Trehalose phosphorylase  
 (51) Int. Cl.  
**C12N 9/10** ( 2006.01 )  
**C12P 19/12** ( 2006.01 )  
 (87) WO2018/096169  
 (31) 16002528.4 (32) 28.11.16 (33) EP  
 (43) 31.05.2018  
 (72) Brucher, Birgit; Vogel, Andreas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CMI Defence S.A.  
 (11) AU-A-2017344297  
 (21) 2017344297 (22) 14.09.2017  
 (54) Device for ejecting cartridges and/or links from a chain or ammunition strip connected to a main and/or secondary weapon  
 (51) Int. Cl.  
**F41A 9/60** ( 2006.01 )  
 (87) WO2018/068984  
 (31) 2016/5757 (32) 10.10.16 (33) BE  
 (43) 19.04.2018  
 (72) Gritskevitch, Innokenty; Colomine, Anthony  
 (74) Spruson & Ferguson
- 
- (71) Colgate-Palmolive Company  
 (11) AU-A-2016422604  
 (21) 2016422604 (22) 07.09.2016  
 (54) Product container with electrochemistry device  
 (51) Int. Cl.  
**C25B 1/04** ( 2006.01 )  
**A61C 19/06** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**C25B 1/28** ( 2006.01 )  
**C25B 1/30** ( 2006.01 )  
**C25B 11/02** ( 2006.01 )  
**C25B 15/08** ( 2006.01 )  
 (87) WO2018/048393  
 (43) 15.03.2018  
 (72) Johansson, Patrik; Porter-Maloney, Venda; Duncan, Kelly Gail  
 (74) Shelston IP Pty Ltd.
- 
- (71) Colgate-Palmolive Company  
 (11) AU-A-2016422842  
 (21) 2016422842 (22) 06.09.2016  
 (54) Case for dental treatment device  
 (51) Int. Cl.  
**A61C 19/02** ( 2006.01 )  
**A45C 11/00** ( 2006.01 )  
**A45D 44/18** ( 2006.01 )  
 (87) WO2018/048381  
 (43) 15.03.2018  
 (72) Beckerman, Scott; Lanza, Andrew  
 (74) Shelston IP Pty Ltd.
- 
- (71) Colgate-Palmolive Company  
 (11) AU-A-2017319133  
 (21) 2017319133 (22) 28.08.2017
- 
- (54) Oral care implement and filament therefor  
 (51) Int. Cl.  
**A46B 9/04** ( 2006.01 )  
**A46D 1/00** ( 2006.01 )  
 (87) WO2018/044754  
 (31) 15/254,712 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Hohlbein, Douglas J.; Wong, Chi Shing  
 (74) Shelston IP Pty Ltd.
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2017320332  
 (21) 2017320332 (22) 29.08.2017  
 (54) Improved injector arrangement for diesel engines using slurry or emulsion fuels  
 (51) Int. Cl.  
**F02M 67/00** ( 2006.01 )  
**F02B 45/00** ( 2006.01 )  
**F02B 55/00** ( 2006.01 )  
**F02D 19/04** ( 2006.01 )  
**F02D 19/06** ( 2006.01 )  
**F02M 37/00** ( 2006.01 )  
**F02M 43/04** ( 2006.01 )  
**F02M 61/18** ( 2006.01 )  
**F23D 1/00** ( 2006.01 )  
 (87) WO2018/039712  
 (31) 2016903419 (32) 29.08.16 (33) AU  
 2016905343 23.12.16 AU  
 (43) 08.03.2018  
 (72) Wibberley, Louis James  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2017320353  
 (21) 2017320353 (22) 01.09.2017  
 (54) Combined acidic gas capture and water extraction process  
 (51) Int. Cl.  
**B01D 53/40** ( 2006.01 )  
**B01D 53/46** ( 2006.01 )  
**B01D 53/48** ( 2006.01 )  
**B01D 53/52** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01D 53/96** ( 2006.01 )  
 (87) WO2018/039734  
 (31) 2016903512 (32) 02.09.16 (33) AU  
 (43) 08.03.2018  
 (72) Feron, Paul Hubert Maria; Thiruvengkatachari, Ramesh; Cousins, Ashleigh Jane  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Control Concepts, Inc.  
 (11) AU-A-2017325585  
 (21) 2017325585 (22) 06.08.2017  
 (54) Sanitary high pressure aerator valve assembly  
 (51) Int. Cl.  
**F16K 15/06** ( 2006.01 )  
**B65D 88/70** ( 2006.01 )  
**F16K 21/00** ( 2006.01 )  
**F16K 24/00** ( 2006.01 )  
**F16K 24/06** ( 2006.01 )  
**F16K 31/00** ( 2006.01 )  
**F16K 31/12** ( 2006.01 )

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

- F16K 31/122** ( 2006.01 )  
**F16K 31/383** ( 2006.01 )  
**(87)** WO2018/048542  
**(31)** 15/261,634 **(32)** 09.09.16 **(33)** US  
 15/603,329 23.05.17 US  
**(43)** 15.03.2018  
**(72)** Tiffany, Henry D.; Rose, Paul S.; Hall,  
 Aaron G.; Smith, Daniel S.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Cooper Technologies Company; Eaton  
 Intelligent Power Limited  
**(11)** AU-A-2017305408  
**(21)** 2017305408 **(22)** 03.08.2017  
**(54)** Load control system and method for  
 regulating power supply to a thermostat  
**(51)** Int. Cl.  
**F24F 11/00** ( 2006.01 )  
**G05D 23/19** ( 2006.01 )  
**G05D 23/22** ( 2006.01 )  
**(87)** WO2018/026986  
**(31)** 15/228,054 **(32)** 04.08.16 **(33)** US  
**(43)** 08.02.2018  
**(72)** Johnson, Justin Bruce; Slingsby, Karl  
 Andrew; Masters, Timothy Daniel;  
 Brager, Ryan F.  
**(74)** Patent Attorney Services
- 
- (71)** Corning Optical Communications LLC  
**(11)** AU-A-2017316594  
**(21)** 2017316594 **(22)** 22.08.2017  
**(54)** Hinged optical fiber ribbon moveable  
 between aligned and collapsed posi-  
 tions  
**(51)** Int. Cl.  
**G02B 6/44** ( 2006.01 )  
**C03C 13/04** ( 2006.01 )  
**C03C 25/10** ( 2006.01 )  
**C08F 2/46** ( 2006.01 )  
**F21V 7/04** ( 2006.01 )  
**F21V 8/00** ( 2006.01 )  
**G02B 6/036** ( 2006.01 )  
**(87)** WO2018/039178  
**(31)** 62/377,882 **(32)** 22.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Chiasson, David Wesley; Quinn, Chris-  
 topher Mark; Sistare, Rebecca Eliza-  
 beth; Temple Jr., Kenneth Darrell  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Corning Optical Communications LLC  
**(11)** AU-A-2017319129  
**(21)** 2017319129 **(22)** 28.08.2017  
**(54)** Distribution point unit to exchange com-  
 munication data between a service pro-  
 vider and subscribers  
**(51)** Int. Cl.  
**H04B 10/27** ( 2013.01 )  
**H04B 10/272** ( 2013.01 )  
**H04J 14/00** ( 2006.01 )  
**H04J 14/02** ( 2006.01 )  
**H04N 7/173** ( 2006.01 )  
**H04N 7/22** ( 2006.01 )  
**(87)** WO2018/044750  
**(31)** 16186623.1 **(32)** 31.08.16 **(33)** EP  
**(43)** 08.03.2018  
**(72)** Spreemann, Martin  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Coupler Solutions Limited  
**(11)** AU-A-2017323389  
**(21)** 2017323389 **(22)** 12.09.2017  
**(54)** A coupling device, associated parts and  
 a method of use thereof  
**(51)** Int. Cl.  
**E04C 5/16** ( 2006.01 )  
**(87)** WO2018/048315  
**(31)** 724218 **(32)** 12.09.16 **(33)** NZ  
**(43)** 15.03.2018  
**(72)** Allington, Christopher James; Diehl,  
 Andrew Karl; Scott, Peter John; Woods,  
 Benjamin; Gibson, James Gray  
**(74)** CreatelP
- 
- (71)** Cowan, M.A.  
**(11)** AU-A-2017305980  
**(21)** 2017305980 **(22)** 31.07.2017  
**(54)** Dual-headed paint spray wand  
**(51)** Int. Cl.  
**B05B 1/04** ( 2006.01 )  
**B05B 15/60** ( 2018.01 )  
**F16L 41/02** ( 2006.01 )  
**(87)** WO2018/026684  
**(31)** 15/225,172 **(32)** 01.08.16 **(33)** US  
**(43)** 08.02.2018  
**(72)** Cowan, Mark A.  
**(74)** Spruson & Ferguson
- 
- (71)** CSL Behring GmbH  
**(11)** AU-A-2017305856  
**(21)** 2017305856 **(22)** 04.08.2017  
**(54)** Pharmaceutical formulations of C1 es-  
 terase inhibitor  
**(51)** Int. Cl.  
**A61K 38/55** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**(87)** WO2018/024873  
**(31)** 16183030.2 **(32)** 05.08.16 **(33)** EP  
**(43)** 08.02.2018  
**(72)** Metzner, Hubert; Kanzy, Ernst-Juergen  
**(74)** FB Rice Pty Ltd
- 
- (71)** CTL Medical Corporation  
**(11)** AU-A-2017301633  
**(21)** 2017301633 **(22)** 18.07.2017  
**(54)** ACIF cage, cage system and method  
**(51)** Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61B 17/70** ( 2006.01 )  
**A61L 27/06** ( 2006.01 )  
**(87)** WO2018/022347  
**(31)** 15/220,090 **(32)** 26.07.16 **(33)** US  
**(43)** 01.02.2018  
**(72)** Suh, Jon; Suh, Sean  
**(74)** Griffith Hack
- 
- (71)** Cumulus Digital Systems, Inc.  
**(11)** AU-A-2017315151  
**(21)** 2017315151 **(22)** 25.08.2017  
**(54)** Guidance device and method for in-  
 stallng flanges  
**(51)** Int. Cl.  
**B25B 21/00** ( 2006.01 )  
**B25B 23/14** ( 2006.01 )
- 
- (87)** WO2018/037107  
**(31)** 15/248,415 **(32)** 26.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Sorensen, Paul; Ackroyd, Angela Ann;  
 Nagelin, Angela; Golden, Meghan;  
 Chikwendu, Chiz  
**(74)** Spruson & Ferguson
- 
- (71)** Curtana Pharmaceuticals, Inc.  
**(11)** AU-A-2017314842  
**(21)** 2017314842 **(22)** 25.08.2017  
**(54)** Inhibition of Olig2 activity  
**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**(87)** WO2018/039621  
**(31)** 62/380,281 **(32)** 26.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Beaton, Graham; McHardy, Stanton F.;  
 Lopez Jr., Ambrosio; Campos, Bismar-  
 ck; Wang, Hua-Yu Leo  
**(74)** FB Rice Pty Ltd
- 
- (71)** Daikin Industries, Ltd.  
**(11)** AU-A-2017302766  
**(21)** 2017302766 **(22)** 27.06.2017  
**(54)** Multi air conditioner  
**(51)** Int. Cl.  
**F24F 11/30** ( 2018.01 )  
**(87)** WO2018/020934  
**(31)** 2016-148894 **(32)** 28.07.16 **(33)** JP  
**(43)** 01.02.2018  
**(72)** Mori, Takashige  
**(74)** Spruson & Ferguson
- 
- (71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-A-2017322414  
**(21)** 2017322414 **(22)** 08.09.2017  
**(54)** Compositions and methods of treating  
 cancer  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**(87)** WO2018/049187  
**(31)** 62/384,950 **(32)** 08.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Kufe, Donald  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-A-2017330443  
**(21)** 2017330443 **(22)** 25.09.2017  
**(54)** Chromobox protein inhibitors and uses  
 thereof  
**(51)** Int. Cl.  
**A61K 31/535** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2018/058029  
**(31)** 62/399,857 **(32)** 26.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Bradner, James E.; Qi, Jun; Federation,  
 Alexander; Jacobson, Zoe; Varca, An-  
 thony  
**(74)** Davies Collison Cave Pty Ltd

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

- (71) Dana-Farber Cancer Institute, Inc.;  
Buhrlage, S.; Weisberg, E.; Griffin, J.D.  
(11) AU-A-2017332721  
(21) 2017332721 (22) 20.09.2017  
(54) Compositions and methods for identification, assessment, prevention, and treatment of AML using USP10 biomarkers and modulators  
(51) Int. Cl.  
A61P 35/02 (2006.01)  
C07K 16/30 (2006.01)  
C12N 5/09 (2010.01)  
(87) WO2018/057618  
(31) 62/397,100 (32) 20.09.16 (33) US  
(43) 29.03.2018  
(72) Buhrlage, Sara; Weisberg, Ellen; Griffin, James Douglas  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Dart Neuroscience, LLC  
(11) AU-A-2017321416  
(21) 2017321416 (22) 29.08.2017  
(54) Hydroxynorketamine derivatives for the treatment of CNS disorders  
(51) Int. Cl.  
C07D 265/14 (2006.01)  
A61K 31/537 (2006.01)  
A61P 25/24 (2006.01)  
(87) WO2018/044896  
(31) 62/382,132 (32) 31.08.16 (33) US  
(43) 08.03.2018  
(72) Gomez, Laurent; Massari, Mark Eben  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Data Intrans Pty Ltd  
(11) AU-A-2017314484  
(21) 2017314484 (22) 24.08.2017  
(54) Trailer safety systems and methods  
(51) Int. Cl.  
B62D 53/10 (2006.01)  
B60D 1/36 (2006.01)  
B62D 53/08 (2006.01)  
(87) WO2018/035566  
(31) 2016903363 (32) 24.08.16 (33) AU  
2017902525 29.06.17 AU  
(43) 01.03.2018  
(72) Steel, John  
(74) FB Rice Pty Ltd
- 
- (71) DCPower Holding B.V.  
(11) AU-A-2017320323  
(21) 2017320323 (22) 07.08.2017  
(54) A replaceable smart battery pack, a battery pack holder and a mobile power supply system  
(51) Int. Cl.  
H01M 10/42 (2006.01)  
H01M 10/48 (2006.01)  
H02J 7/00 (2006.01)  
(87) WO2018/044154  
(31) 2017395 (32) 30.08.16 (33) NL  
(43) 08.03.2018  
(72) Ploeg, Robert Wilhelmus; Sly-Jex, Martyn David; Derikx, Johannes Joseph Gregorius  
(74) Wallington-Dummer
- 
- (71) Debina Diagnostics, Inc.  
(11) AU-A-2017324859  
(21) 2017324859 (22) 06.09.2017  
(54) Nanodiamond particles and related devices and methods  
(51) Int. Cl.  
G01N 21/64 (2006.01)  
G01N 33/50 (2006.01)  
G01N 33/533 (2006.01)  
(87) WO2018/048887  
(31) 62/383,657 (32) 06.09.16 (33) US  
62/522,036 19.06.17 US  
(43) 15.03.2018  
(72) Feuerstein, Giora Z.; Sternberg, Mark E.  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Deepwater Oil Tools Ltd.  
(11) AU-A-2017318540  
(21) 2017318540 (22) 07.08.2017  
(54) Apparatus for transmitting torque through a work string  
(51) Int. Cl.  
E21B 41/00 (2006.01)  
E21B 17/08 (2006.01)  
(87) WO2018/042148  
(31) 1614720.9 (32) 31.08.16 (33) GB  
(43) 08.03.2018  
(72) Horn, Tristram  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Defender Screens International LLC  
(11) AU-A-2017305133  
(21) 2017305133 (22) 21.06.2017  
(54) Self-tensioning magnetic tracks and track assemblies  
(51) Int. Cl.  
E06B 9/00 (2006.01)  
A47G 5/00 (2006.01)  
E06B 9/06 (2006.01)  
(87) WO2018/026438  
(31) 15/227,345 (32) 03.08.16 (33) US  
(43) 08.02.2018  
(72) James, Arthur; Gross, Jan  
(74) AJ PARK
- 
- (71) Dejero Labs Inc.  
(11) AU-A-2017307650  
(21) 2017307650 (22) 03.08.2017  
(54) System and method for controlling data stream modifications  
(51) Int. Cl.  
H04N 21/23 (2011.01)  
H04L 29/06 (2006.01)  
H04N 21/234 (2011.01)  
H04N 21/235 (2011.01)  
H04N 21/236 (2011.01)  
(87) WO2018/023199  
(31) 62/370,489 (32) 03.08.16 (33) US  
(43) 08.02.2018  
(72) Sze, David; Oberholzer, Jonathon; Schneider, Todd; Frusina, Bogdan  
(74) FB Rice Pty Ltd
- 
- (71) Dematic Corp.  
(11) AU-A-2017322337
- 
- (21) 2017322337 (22) 08.09.2017  
(54) Communication system for operation and management of workflows and integration of multiple devices utilizing different operating platforms  
(51) Int. Cl.  
G05B 19/418 (2006.01)  
(87) WO2018/049150  
(31) 62/385,516 (32) 09.09.16 (33) US  
62/415,297 31.10.16 US  
(43) 15.03.2018  
(72) Kreger, Robert; Pringle, Richard; Spratke, Brian; Moore, Dale; Bracey, Eric; Ver Beek, Nathan  
(74) Griffith Hack
- 
- (71) Deutsche Saatveredelung AG  
(11) AU-A-2017318135  
(21) 2017318135 (22) 05.09.2017  
(54) Cultivation and sampling device for plants  
(51) Int. Cl.  
A01G 9/029 (2018.01)  
A01G 31/02 (2006.01)  
G01N 1/04 (2006.01)  
(87) WO2018/041308  
(31) 16187274.2 (32) 05.09.16 (33) EP  
(43) 08.03.2018  
(72) Micic, Zeljko; Radtke, Simon  
(74) Spruson & Ferguson
- 
- (71) Deutsche Saatveredelung AG  
(11) AU-A-2017318136  
(21) 2017318136 (22) 05.09.2017  
(54) Cultivation and sampling method  
(51) Int. Cl.  
A01G 9/029 (2018.01)  
A01G 31/02 (2006.01)  
G01N 1/04 (2006.01)  
(87) WO2018/041309  
(31) 16 187 274.2 (32) 05.09.16 (33) EP  
(43) 08.03.2018  
(72) Micic, Zeljko; Radtke, Simon  
(74) Spruson & Ferguson
- 
- (71) Deutsches Krebsforschungszentrum  
(11) AU-A-2017331310  
(21) 2017331310 (22) 12.09.2017  
(54) Optimized method for large scale production of parvovirus H-1 in an essentially serum-free medium  
(51) Int. Cl.  
C12N 7/00 (2006.01)  
C12N 5/00 (2006.01)  
(87) WO2018/054720  
(31) 16189921.6 (32) 21.09.16 (33) EP  
(43) 29.03.2018  
(72) Leuchs, Barbara; Rommelaere, Jean; Lutz, Sebastian; Vogel, Martin  
(74) Griffith Hack
- 
- (71) Dow Global Technologies LLC; Rohm and Haas Company  
(11) AU-A-2016420190  
(21) 2016420190 (22) 17.08.2016

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

- (54) Benzophenone derivative, aqueous copolymer dispersion and aqueous coating composition  
 (51) Int. Cl.  
**C07C 49/786** ( 2006.01 )  
**C09D 145/00** ( 2006.01 )  
 (87) WO2018/032410  
 (43) 22.02.2018  
 (72) Wang, Yujiang; Liu, Hui; Wang, Caifeng; Xu, Jianming; Li, Ling; Maurice, Alvin Michael; Chen, Hongyu  
 (74) Madderns Pty Ltd
- 
- (71) Drexel University; Friedman, P.C.  
 (11) AU-A-2017306078  
 (21) 2017306078 (22) 01.08.2017  
 (54) Devices and methods for treatment of skin conditions  
 (51) Int. Cl.  
**A61B 18/00** ( 2006.01 )  
**A61B 18/04** ( 2006.01 )  
**A61B 18/08** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**A61B 18/18** ( 2006.01 )  
 (87) WO2018/026750  
 (31) 62/369,491 (32) 01.08.16 (33) US  
 (43) 08.02.2018  
 (72) Friedman, Peter C.; Miller, Vandana; Fridman, Gregory; Lin, Abraham; Fridman, Alexander  
 (74) Spruson & Ferguson
- 
- (71) Drilling Info, Inc.  
 (11) AU-A-2017315862  
 (21) 2017315862 (22) 25.08.2017  
 (54) Systems and methods for allocating hydrocarbon production values  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**G05B 19/02** ( 2006.01 )  
 (87) WO2018/039530  
 (31) 15/247,097 (32) 25.08.16 (33) US  
 (43) 01.03.2018  
 (72) Bashore, William M.  
 (74) Spruson & Ferguson
- 
- (71) Dyax Corp.  
 (11) AU-A-2017325983  
 (21) 2017325983 (22) 15.09.2017  
 (54) Protein biomarkers for diseases associated with the contact activation system  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
 (87) WO2018/053244  
 (31) 62/518,492 (32) 12.06.17 (33) US  
 62/395,712 16.09.16 US  
 (43) 22.03.2018  
 (72) Sexton, Daniel J.; Viswanathan, Malini; Faucette, Ryan; Gaur, Tripti  
 (74) Spruson & Ferguson
- 
- (71) Dyson Technology Limited  
 (11) AU-A-2017327891  
 (21) 2017327891 (22) 17.08.2017  
 (54) Hand held appliance  
 (51) Int. Cl.
- H01R 24/58** ( 2011.01 )  
**A45D 1/04** ( 2006.01 )  
**A45D 2/00** ( 2006.01 )  
**A45D 20/12** ( 2006.01 )  
**A45D 20/30** ( 2006.01 )  
**H01R 39/12** ( 2006.01 )  
**H01R 39/24** ( 2006.01 )  
**H01R 39/64** ( 2006.01 )  
 (87) WO2018/051059  
 (31) 1615699.4 (32) 15.09.16 (33) GB  
 (43) 22.03.2018  
 (72) Hogan, Benjamin  
 (74) Shelston IP Pty Ltd.
- 
- (71) Dyson Technology Limited  
 (11) AU-A-2017332817  
 (21) 2017332817 (22) 29.08.2017  
 (54) Cleaning appliance  
 (51) Int. Cl.  
**A61C 17/02** ( 2006.01 )  
**A61C 17/028** ( 2006.01 )  
**A61C 17/16** ( 2006.01 )  
**A61C 17/22** ( 2006.01 )  
**A61C 17/34** ( 2006.01 )  
 (87) WO2018/055328  
 (31) 1616272.9 (32) 26.09.16 (33) GB  
 (43) 29.03.2018  
 (72) Vincent, Christopher; Tweedie, Robert; Jones, Jason; Wronski, Robert; Darling, Philip; Waugh, Edward  
 (74) Shelston IP Pty Ltd.
- 
- (71) Eagle-Access B.V.  
 (11) AU-A-2017313626  
 (21) 2017313626 (22) 15.08.2017  
 (54) System to transfer people and/or cargo during offshore operations  
 (51) Int. Cl.  
**B63B 27/30** ( 2006.01 )  
**B63B 17/00** ( 2006.01 )  
**B63B 27/10** ( 2006.01 )  
**B63B 27/16** ( 2006.01 )  
 (87) WO2018/034566  
 (31) 2017314 (32) 15.08.16 (33) NL  
 (43) 22.02.2018  
 (72) Prins, Willem Frederik  
 (74) Spruson & Ferguson
- 
- (71) Ebay Inc.  
 (11) AU-A-2017326373  
 (21) 2017326373 (22) 14.09.2017  
 (54) Prediction-based instant search  
 (51) Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**G06F 3/048** ( 2006.01 )  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0484** ( 2013.01 )  
**G06F 17/27** ( 2006.01 )  
 (87) WO2018/053186  
 (31) 15/269,132 (32) 19.09.16 (33) US  
 (43) 22.03.2018  
 (72) Juneja, Vanuj; Jadhav, Pravin; Pandiy- an, Shanmugapriya  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ecoduna AG  
 (11) AU-A-2017317622
- (21) 2017317622 (22) 30.08.2017  
 (54) Photobioreactor, and method for cultivating microalgae  
 (51) Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**C12M 1/12** ( 2006.01 )  
 (87) WO2018/041863  
 (31) 16186440.0 (32) 30.08.16 (33) EP  
 (43) 08.03.2018  
 (72) Emminger, Franz; Fluch, Silvia  
 (74) FB Rice Pty Ltd
- 
- (71) Edgewell Personal Care Brands, LLC  
 (11) AU-A-2017327812  
 (21) 2017327812 (22) 08.09.2017  
 (54) Bidirectional shaving device  
 (51) Int. Cl.  
**B26B 21/22** ( 2006.01 )  
 (87) WO2018/052802  
 (31) 62/394,374 (32) 14.09.16 (33) US  
 62/398,586 23.09.16 US  
 (43) 22.03.2018  
 (72) Blatter, Alan; Cabrera, Samantha  
 (74) Halfords IP
- 
- (71) Eli Lilly and Company  
 (11) AU-A-2017351026  
 (21) 2017351026 (22) 20.10.2017  
 (54) Anti-RANKL antibodies and uses thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
 (87) WO2018/080914  
 (31) 62/414,217 (32) 28.10.16 (33) US  
 (43) 03.05.2018  
 (72) Korytko, Andrew Ihor; Obungu, Victor H.  
 (74) WRAYS PTY LTD
- 
- (71) Elysium Health, Inc.  
 (11) AU-A-2017316614  
 (21) 2017316614 (22) 22.08.2017  
 (54) Nicotinamide riboside and pterostilbene compositions and methods for treatment of neurodegenerative disorders  
 (51) Int. Cl.  
**A61K 31/704** ( 2006.01 )  
**A61K 38/45** ( 2006.01 )  
 (87) WO2018/039207  
 (31) 62/378,053 (32) 22.08.16 (33) US  
 (43) 01.03.2018  
 (72) Marcotulli, Eric Alexander; Alminana, Daniel Antonio  
 (74) Shelston IP Pty Ltd.
- 
- (71) Embryogenesis Pty Ltd  
 (11) AU-A-2017307639  
 (21) 2017307639 (22) 01.08.2017  
 (54) Skin care formulation  
 (51) Int. Cl.  
**A61K 35/51** ( 2015.01 )  
**A61P 17/00** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
 (87) WO2018/023148  
 (31) 62/369,240 (32) 01.08.16 (33) US

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

(43) 08.02.2018  
 (72) Britton, Peter; French, Andrew  
 (74) Allens Patent & Trade Mark Attorneys

(71) Emco Water Patent Gmbh  
 (11) AU-A-2016421105  
 (21) 2016421105 (22) 24.08.2016  
 (54) Device for the energy-optimised production of fluid eddies in a reaction chamber

(51) Int. Cl.  
 B01J 19/00 ( 2006.01 )  
 B01J 19/24 ( 2006.01 )

(87) WO2018/036623  
 (43) 01.03.2018  
 (72) Lehmann, Jörg; Linden, Olaf  
 (74) Michael Buck IP

(71) Emulate, Inc.; Cedars-Sinai Medical Center  
 (11) AU-A-2017319168  
 (21) 2017319168 (22) 29.08.2017  
 (54) Development of spinal cord on a micro-fluidic chip

(51) Int. Cl.  
 C12N 5/071 ( 2010.01 )  
 C12N 5/079 ( 2010.01 )  
 C12N 5/0793 ( 2010.01 )  
 C12N 5/0797 ( 2010.01 )  
 C12N 15/85 ( 2006.01 )

(87) WO2018/044885  
 (31) PCT/ US2016/057724 (32) 19.10.16 (33) US  
 15/352,289 15.11.16 US  
 62/380,780 29.08.16 US

(43) 08.03.2018  
 (72) Kerns, S., Jordan; Wen, Norman; Lucchesi, Carol; Hinojosa, Christopher; Fraser, Jacob; Hamilton, Geraldine; Vatine, Gad; Sances, Samuel; Svendsen, Clive; Levner, Daniel; Sareen, Dhruv  
 (74) Spruson & Ferguson

(71) Energyfront Inc  
 (11) AU-A-2016423715  
 (21) 2016423715 (22) 26.10.2016  
 (54) Assistive tool for transfer assistance, standing assistance, etc.

(51) Int. Cl.  
 A61G 7/12 ( 2006.01 )  
 (87) WO2018/055779  
 (31) 2016-185259 (32) 23.09.16 (33) JP  
 (43) 29.03.2018  
 (72) Ueda, Takeji  
 (74) Alder IP Pty Ltd

(71) Energy Harvest AS  
 (11) AU-A-2016426210  
 (21) 2016426210 (22) 12.10.2016  
 (54) Rotary valve device and liquid lifting device comprising the same

(51) Int. Cl.  
 F16K 11/074 ( 2006.01 )  
 F03B 17/02 ( 2006.01 )  
 F04B 9/113 ( 2006.01 )  
 F04B 23/02 ( 2006.01 )

F04B 47/00 ( 2006.01 )  
 F04F 13/00 ( 2009.01 )  
 F16K 3/02 ( 2006.01 )  
 F16K 3/08 ( 2006.01 )  
 F16K 27/04 ( 2006.01 )  
 F16K 31/04 ( 2006.01 )  
 (87) WO2018/068849  
 (43) 19.04.2018  
 (72) Melhus, Trond  
 (74) James & Wells Intellectual Property

(71) Entellus Medical, Inc.  
 (11) AU-A-2017325566  
 (21) 2017325566 (22) 09.02.2017  
 (54) Wireless endoscope  
 (51) Int. Cl.  
 A61B 1/06 ( 2006.01 )  
 A61B 1/045 ( 2006.01 )  
 H04N 5/225 ( 2006.01 )  
 H04N 5/232 ( 2006.01 )  
 H04N 5/235 ( 2006.01 )

(87) WO2018/048466  
 (31) 62/385,892 (32) 09.09.16 (33) US  
 (43) 15.03.2018  
 (72) Lesch, Paul; Dowdy, Cliff  
 (74) Davies Collison Cave Pty Ltd

(71) Equinor Energy AS  
 (11) AU-A-2017320458  
 (21) 2017320458 (22) 05.07.2017  
 (54) Marine installation  
 (51) Int. Cl.  
 E21B 17/01 ( 2006.01 )  
 E21B 17/10 ( 2006.01 )  
 F16L 57/06 ( 2006.01 )

(87) WO2018/044174  
 (31) 1614811.6 (32) 01.09.16 (33) GB  
 (43) 08.03.2018  
 (72) Kristoffersen, Steinar  
 (74) FB Rice Pty Ltd

(71) Erasmus University Medical Center Rotterdam (Erasmus MC)  
 (11) AU-A-2017307962  
 (21) 2017307962 (22) 04.08.2017  
 (54) Natural cryptic exon removal by pairs of antisense oligonucleotides

(51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/712 ( 2006.01 )  
 A61K 31/7125 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )

(87) WO2018/026284  
 (31) 2017294 (32) 05.08.16 (33) NL  
 (43) 08.02.2018  
 (72) Pijnappel, Wilhelmus Wenceslaus Matthias  
 (74) FB Rice Pty Ltd

(71) Erber Aktiengesellschaft  
 (11) AU-A-2017337095  
 (21) 2017337095 (22) 19.09.2017  
 (54) Particle containing at least a volatile substance and process for its preparation  
 (51) Int. Cl.  
 A61K 9/14 ( 2006.01 )

A23L 27/10 ( 2016.01 )  
 A61K 8/02 ( 2006.01 )  
 A61K 9/50 ( 2006.01 )  
 (87) WO2018/059732  
 (31) 16450024.1 (32) 30.09.16 (33) EP  
 (43) 05.04.2018  
 (72) Gottschalk, Pia; Binder, Eva-Maria; Waxenecker, Franz; Schieder, Carina; Hunger, Anne-Christine; Cole, Stephen Charles John  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Etex Services NV  
 (11) AU-A-2017339076  
 (21) 2017339076 (22) 05.10.2017  
 (54) Methods for producing fiber cement products with fiber cement waste  
 (51) Int. Cl.  
 C04B 18/16 ( 2006.01 )  
 C04B 18/24 ( 2006.01 )  
 C04B 28/04 ( 2006.01 )  
 (87) WO2018/065518  
 (31) 16192659.7 (32) 06.10.16 (33) EP  
 (43) 12.04.2018  
 (72) Van Der Heyden, Luc  
 (74) Spruson & Ferguson

(71) Etex Services NV  
 (11) AU-A-2017348604  
 (21) 2017348604 (22) 27.10.2017  
 (54) Hydrophobized fiber cement products, methods for production, and uses thereof  
 (51) Int. Cl.  
 C04B 28/02 ( 2006.01 )  
 C04B 20/10 ( 2006.01 )  
 C04B 28/04 ( 2006.01 )  
 (87) WO2018/078103  
 (31) 16196161.0 (32) 28.10.16 (33) EP  
 (43) 03.05.2018  
 (72) Spaeth, Valérie  
 (74) Spruson & Ferguson

(71) Ethicon, Inc.  
 (11) AU-A-2017325685  
 (21) 2017325685 (22) 15.08.2017  
 (54) Method of laminating absorbable semi-crystalline polymeric films  
 (51) Int. Cl.  
 B32B 37/15 ( 2006.01 )  
 A61K 9/70 ( 2006.01 )  
 B32B 27/00 ( 2006.01 )  
 B32B 37/00 ( 2006.01 )  
 (87) WO2018/052608  
 (31) 15/267,700 (32) 16.09.16 (33) US  
 (43) 22.03.2018  
 (72) Andjelic, Sasa; Egidio, Dominick  
 (74) Spruson & Ferguson

(71) Ethicon, Inc.  
 (11) AU-A-2017326065  
 (21) 2017326065 (22) 11.09.2017  
 (54) Sterile packaging systems for medical devices  
 (51) Int. Cl.  
 A61B 50/30 ( 2016.01 )

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

- (87) WO2018/052832  
(31) 15/266,904 (32) 15.09.16 (33) US  
(43) 22.03.2018  
(72) Dacey, Denise Marie; Fan, Xiaole; Patriarca, Jared James; McHugh Karow, Meredith  
(74) Shelston IP Pty Ltd.
- 
- (71) Etonye, N.  
(11) AU-A-2017321242  
(21) 2017321242 (22) 21.08.2017  
(54) Vehicle security system  
(51) Int. Cl.  
*B60R 25/102* ( 2013.01 )  
*B60R 1/12* ( 2006.01 )  
*B60R 25/01* ( 2013.01 )  
*B60R 25/10* ( 2006.01 )  
*B60R 25/20* ( 2013.01 )  
*B60R 25/25* ( 2013.01 )  
(87) WO2018/044609  
(31) 15/252,149 (32) 30.08.16 (33) US  
(43) 08.03.2018  
(72) Etonye, Nzube  
(74) Shelston IP Pty Ltd.
- 
- (71) Evoqua Water Technologies LLC  
(11) AU-A-2017331371  
(21) 2017331371 (22) 25.09.2017  
(54) Ballast water treatment and neutralization  
(51) Int. Cl.  
*B63J 4/00* ( 2006.01 )  
(87) WO2018/058011  
(31) 62/398,798 (32) 23.09.16 (33) US  
(43) 29.03.2018  
(72) Zolotarsky, Vadim  
(74) Shelston IP Pty Ltd.
- 
- (71) Exion Labs Inc.  
(11) AU-A-2017302034  
(21) 2017302034 (22) 27.07.2017  
(54) Polymer-based antimicrobial compositions and methods of use thereof  
(51) Int. Cl.  
*A01N 43/36* ( 2006.01 )  
*A01N 25/34* ( 2006.01 )  
*A01N 33/00* ( 2006.01 )  
*B01J 31/06* ( 2006.01 )  
*B01J 35/00* ( 2006.01 )  
(87) WO2018/022926  
(31) 62/488,421 (32) 21.04.17 (33) US  
62/368,008 28.07.16 US  
(43) 01.02.2018  
(72) Chiattello, Marion L.; Oman, Mark  
(74) Spruson & Ferguson
- 
- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2017324281  
(21) 2017324281 (22) 02.09.2017  
(54) 8-(azetidin-1-yl)-[1,2,4]triazolo[1,5-A]pyridinyl compounds, compositions and methods of use thereof  
(51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
(87) WO2018/046409
- 
- (31) PCT/  
CN2016/098215  
(43) 15.03.2018  
(72) Goodacre, Simon Charles; Zak, Mark; Romero, F. Anthony; Cheng, Yun-Xing; Cheng, Limin; Hua, Rongbao  
(74) Spruson & Ferguson
- 
- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2017376580  
(21) 2017376580 (22) 13.12.2017  
(54) Process for preparing BTK inhibitors  
(51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
(87) WO2018/109050  
(31) 62/434,569 (32) 15.12.16 (33) US  
(43) 21.06.2018  
(72) Beaudry, Danial; Cravillion, Theresa; Gosselin, Francis; Lim, Ngiap-Kie; Malhotra, Sushant; Tian, Qingping; Zhang, Haiming; Gmehling, Alexander; Fettes, Alec; Bachmann, Stephan  
(74) Spruson & Ferguson
- 
- (71) F.lli Righini S.r.l.  
(11) AU-A-2018234437  
(21) 2018234437 (22) 13.03.2018  
(54) Clamping device  
(51) Int. Cl.  
*F16L 1/23* ( 2006.01 )  
*B66C 1/42* ( 2006.01 )  
*E21B 19/06* ( 2006.01 )  
*F16L 1/20* ( 2006.01 )  
(87) WO2018/167660  
(31) 102017000027125 (32) 13.03.17 (33) IT  
(43) 20.09.2018  
(72) Righini, Renzo; Argelli, Franco  
(74) Spruson & Ferguson
- 
- (71) Fiamma S.p.A.  
(11) AU-A-2017317377  
(21) 2017317377 (22) 26.07.2017  
(54) Awning fastening system  
(51) Int. Cl.  
*E04F 10/06* ( 2006.01 )  
*E04H 15/08* ( 2006.01 )  
(87) WO2018/036743  
(31) 20 2016 104 657.2 (32) 25.08.16 (33) DE  
(43) 01.03.2018  
(72) Pozzi, John-David; Pozzi, Charles Philip  
(74) Spruson & Ferguson
- 
- (71) Fiamma S.p.A.  
(11) AU-A-2017317378  
(21) 2017317378 (22) 26.07.2017  
(54) Awning  
(51) Int. Cl.  
*E04F 10/06* ( 2006.01 )  
*E04H 15/08* ( 2006.01 )  
(87) WO2018/036744  
(31) 20 2016 104 660.2 (32) 25.08.16 (33) DE  
(43) 01.03.2018  
(72) Pozzi, John-David; Pozzi, Charles Philip  
(74) Spruson & Ferguson
- 
- (71) Filament BioSolutions Inc.  
(11) AU-A-2017306050  
(21) 2017306050 (22) 31.07.2017  
(54) Methods of treating and preventing cancer treatment side effects  
(51) Int. Cl.  
*C07C 237/06* ( 2006.01 )  
*C07C 231/24* ( 2006.01 )  
(87) WO2018/026703  
(31) 62/369,424 (32) 01.08.16 (33) US  
(43) 08.02.2018  
(72) Cirrito, Thomas P.; Rochlin, Kate M.  
(74) Shelston IP Pty Ltd.
- 
- (71) Fincantieri SpA  
(11) AU-A-2017344436  
(21) 2017344436 (22) 27.09.2017  
(54) Radar system  
(51) Int. Cl.  
*G01S 7/03* ( 2006.01 )  
*G01S 13/00* ( 2006.01 )  
*G01S 13/42* ( 2006.01 )  
*G01S 13/88* ( 2006.01 )  
*G01S 13/93* ( 2006.01 )  
*H01Q 1/34* ( 2006.01 )  
(87) WO2018/073676  
(31) 102016000103880 (32) 17.10.16 (33) IT  
(43) 26.04.2018  
(72) Madia, Francesco  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Flagship Pioneering, Inc.  
(11) AU-A-2017324550  
(21) 2017324550 (22) 07.09.2017  
(54) Methods and compositions for modulating gene expression  
(51) Int. Cl.  
*C12N 15/09* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
*C12N 15/90* ( 2006.01 )  
(87) WO2018/049073  
(31) 62/542,703 (32) 08.08.17 (33) US  
62/416,501 02.11.16 US  
62/439,327 27.12.16 US  
62/384,603 07.09.16 US  
(43) 15.03.2018  
(72) Lande, Laura Gabriela; Berry, David Arthur; Karnik, Rahul  
(74) Spruson & Ferguson
- 
- (71) Flapflip GmbH  
(11) AU-A-2016417798  
(21) 2016417798 (22) 27.12.2016  
(54) Plastic cover for cans with opener for opening and re-closure  
(51) Int. Cl.  
*B65D 47/08* ( 2006.01 )  
*B65D 51/00* ( 2006.01 )  
(87) WO2018/026292  
(31) MP-2016/0030 (32) 05.08.16 (33) RS  
(43) 08.02.2018  
(72) Jevtić, Jovan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Flexlite Corporation; Detaboada, L.  
(11) AU-A-2017305976

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

- (21) 2017305976 (22) 31.07.2017  
 (54) Light therapy apparatuses and methods  
 (51) Int. Cl.  
**A61B 5/021** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
 (87) WO2018/026680  
 (31) 62/369,158 (32) 31.07.16 (33) US  
 (43) 08.02.2018  
 (72) Detaboada, Luis; Harrison, James;  
 Swienton, Brian F.  
 (74) Griffith Hack
- 
- (71) FMC Technologies  
 (11) AU-A-2017321027  
 (21) 2017321027 (22) 01.09.2017  
 (54) Transportable module for a fluid loading  
 arm and controller  
 (51) Int. Cl.  
**B67D 9/00** ( 2010.01 )  
**B63B 27/34** ( 2006.01 )  
**H02B 13/00** ( 2006.01 )  
 (87) WO2018/042004  
 (31) 1658145 (32) 01.09.16 (33) FR  
 (43) 08.03.2018  
 (72) Poichot, Raphael; Morilhat, Eric  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) FPIinnovations  
 (11) AU-A-2017327762  
 (21) 2017327762 (22) 13.09.2017  
 (54) Method for producing cellulose fila-  
 ments with less refining energy  
 (51) Int. Cl.  
**D21D 1/00** ( 2006.01 )  
**D21C 3/00** ( 2006.01 )  
**D21C 9/00** ( 2006.01 )  
 (87) WO2018/049517  
 (31) 62/394,433 (32) 14.09.16 (33) US  
 (43) 22.03.2018  
 (72) Hua, Xujun; Njamen Tchabda, Guy Ro-  
 ger; Owston, Tom; Neault, Patrick; Hu,  
 Thomas; Ben, Yuxia  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Fresenius Kabi Deutschland GmbH  
 (11) AU-A-2017306756  
 (21) 2017306756 (22) 21.07.2017  
 (54) Glutamine for preserving, improving or  
 restoring kidney function  
 (51) Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
 (87) WO2018/024504  
 (31) 16182943.7 (32) 05.08.16 (33) EP  
 (43) 08.02.2018  
 (72) Westphal, Martin; Stover, John; Bothe,  
 Melanie; Baasner, Silke; Abele, Rosa  
 (74) Shelston IP Pty Ltd.
- 
- (71) Fresenius Kabi Deutschland GmbH  
 (11) AU-A-2017339562  
 (21) 2017339562 (22) 06.10.2017  
 (54) Connector for a medical package con-  
 taining a liquid
- (51) Int. Cl.  
**A61M 39/00** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**A61J 1/10** ( 2006.01 )  
**A61M 39/08** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
 (87) WO2018/065596  
 (31) 10 2016 012 059.2 (32) 08.10.16 (33) DE  
 (43) 12.04.2018  
 (72) Brandenburger, Torsten; Schwere,  
 Stefan  
 (74) Shelston IP Pty Ltd.
- 
- (71) Fritz Ruck Ophthalmologische Systeme  
 GmbH  
 (11) AU-A-2017324102  
 (21) 2017324102 (22) 10.08.2017  
 (54) System for measuring a quantity of li-  
 quid in an elastic bag  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61M 3/02** ( 2006.01 )  
**A61M 5/152** ( 2006.01 )  
 (87) WO2018/046221  
 (31) 16187314.6 (32) 06.09.16 (33) EP  
 (43) 15.03.2018  
 (72) Klomp, Manfred  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Fritz Ruck Ophthalmologische Systeme  
 GmbH  
 (11) AU-A-2017324106  
 (21) 2017324106 (22) 10.08.2017  
 (54) Pressure regulating system  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61M 3/02** ( 2006.01 )  
**A61M 5/152** ( 2006.01 )  
 (87) WO2018/046225  
 (31) 16187313.8 (32) 06.09.16 (33) EP  
 (43) 15.03.2018  
 (72) Klomp, Manfred  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Fuji Corporation  
 (11) AU-A-2016423310  
 (21) 2016423310 (22) 13.09.2016  
 (54) Assistance device  
 (51) Int. Cl.  
**A61G 5/14** ( 2006.01 )  
**A61G 7/053** ( 2006.01 )  
 (87) WO2018/051405  
 (43) 22.03.2018  
 (72) Shimizu, Satoshi; Noguchi, Takehiro;  
 Hiraoka, Takehiro  
 (74) Spruson & Ferguson
- 
- (71) Fuji Corporation  
 (11) AU-A-2016423311  
 (21) 2016423311 (22) 13.09.2016  
 (54) Assistance device  
 (51) Int. Cl.  
**A61G 5/14** ( 2006.01 )  
**A61G 7/053** ( 2006.01 )  
 (87) WO2018/051406
- 
- (71) FUJIFILM Corporation  
 (11) AU-A-2017319260  
 (21) 2017319260 (22) 30.08.2017  
 (54) Anti-tumor agent, anti-tumor effect en-  
 hancer, and anti-tumor kit  
 (51) Int. Cl.  
**A61K 31/7068** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 31/337** ( 2006.01 )  
**A61K 47/42** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2018/043530  
 (31) 2016-169167 (32) 31.08.16 (33) JP  
 (43) 08.03.2018  
 (72) Iwaki, Yoshihide; Kitahashi, Tsukasa;  
 Mima, Shinji  
 (74) Griffith Hack
- 
- (71) FUJIFILM Corporation  
 (11) AU-A-2017319467  
 (21) 2017319467 (22) 01.09.2017  
 (54) Livestock feed or livestock supplement,  
 lactobacillus bacteria growth promoter,  
 and lactobacillus bacteria growth pro-  
 motion method  
 (51) Int. Cl.  
**A23K 10/30** ( 2016.01 )  
**A23K 50/10** ( 2016.01 )  
**A23K 50/20** ( 2016.01 )  
**A23K 50/30** ( 2016.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/37** ( 2006.01 )  
**A61P 1/14** ( 2006.01 )  
 (87) WO2018/043706  
 (31) 2016-171497 (32) 02.09.16 (33) JP  
 (43) 08.03.2018  
 (72) Ueda, Fumitaka; Oda, Yuriko; Amao,  
 Akihito  
 (74) Griffith Hack
- 
- (71) Fukuyama Rubber Ind. Co., Ltd.  
 (11) AU-A-2017328837  
 (21) 2017328837 (22) 01.09.2017  
 (54) Elastic crawler and crawler-type travel  
 device  
 (51) Int. Cl.  
**B62D 55/253** ( 2006.01 )  
 (87) WO2018/051808  
 (31) 2016-179771 (32) 14.09.16 (33) JP  
 (43) 22.03.2018  
 (72) Norito, Tatsuya; Fujiwara, Nao  
 (74) WRAYS PTY LTD
- 
- (71) Galera Labs, LLC  
 (11) AU-A-2017318718  
 (21) 2017318718 (22) 01.09.2017  
 (54) Combination cancer therapy with  
 pentaaza macrocyclic ring complex and  
 ascorbate compound  
 (51) Int. Cl.  
**A61K 31/375** ( 2006.01 )

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

- A61K 31/555** ( 2006.01 )  
**A61K 31/635** ( 2006.01 )  
**A61K 31/7135** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**(87)** WO2018/045348  
**(31)** 62/382,667 **(32)** 01.09.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Beardsley, Robert A.; Riley, Dennis P.; Spitz Jr., Douglas R.; Heer, Collin; Fath, Melissa A.  
**(74)** Houlihan<sup>2</sup> Pty Ltd
- 
- (71)** Gelita AG  
**(11)** AU-A-2017320520  
**(21)** 2017320520 **(22)** 23.08.2017  
**(54)** Use of collagen hydrolysate for improving endurance performance and for stimulating lipocatabolism  
**(51)** Int. Cl.  
**A61K 38/39** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 9/02** ( 2006.01 )  
**(87)** WO2018/041684  
**(31)** 10 2017 102 873.0 **(32)** 14.02.17 **(33)** DE  
 10 2016 116 160.8 30.08.16 DE  
**(43)** 08.03.2018  
**(72)** Oesser, Steffen; Hausmanns, Stephan; Frech, Hans-Ulrich  
**(74)** Griffith Hack
- 
- (71)** Gelliner Limited  
**(11)** AU-A-2017331513  
**(21)** 2017331513 **(22)** 20.09.2017  
**(54)** Bill payment system and method  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**(87)** WO2018/055372  
**(31)** 1615964.2 **(32)** 20.09.16 **(33)** GB  
**(43)** 29.03.2018  
**(72)** Moshal, Martin Paul; De Villiers, David  
**(74)** Spruson & Ferguson
- 
- (71)** GENENTECH, INC.  
**(11)** AU-A-2017312942  
**(21)** 2017312942 **(22)** 14.08.2017  
**(54)** Vial assembly with luer fitting  
**(51)** Int. Cl.  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**(87)** WO2018/035047  
**(31)** 62/375,394 **(32)** 15.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Wise, Geoffrey; Deshmukh, Ajay; Vedrine, Lionel  
**(74)** Griffith Hack
- 
- (71)** General Electric Company  
**(11)** AU-A-2017316141  
**(21)** 2017316141 **(22)** 26.05.2017  
**(54)** Reduced fouling of hydrocarbon oil  
**(51)** Int. Cl.  
**C10G 75/02** ( 2006.01 )  
**C10G 9/12** ( 2006.01 )  
**C10G 75/04** ( 2006.01 )  
**(87)** WO2018/038781  
**(31)** 62/473,744 **(32)** 20.03.17 **(33)** US  
 62/379,400 25.08.16 US
- 
- (43)** 01.03.2018  
**(72)** Yu, Guangzhe; Price, Xiomara; Guierrez, Roberto M.; Fields, Anthony; Crom, Bryan; Wang, Guoliang; Patel, Nimeshkumar Kantilal; Xie, Xiaolan  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** General Mills, Inc.  
**(11)** AU-A-2017325593  
**(21)** 2017325593 **(22)** 01.09.2017  
**(54)** Gluten-free tortillas  
**(51)** Int. Cl.  
**A23L 11/00** ( 2016.01 )  
**(43)** 21.03.2019  
**(72)** Cammarota, Carina Claudia; Ng, Christine S.T.; Plaza Garcia, Jonas  
**(74)** Spruson & Ferguson
- 
- (71)** Gilead Sciences, Inc.  
**(11)** AU-A-2017318601  
**(21)** 2017318601 **(22)** 31.08.2017  
**(54)** Toll like receptor modulator compounds  
**(51)** Int. Cl.  
**C07D 239/95** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
**(87)** WO2018/045144  
**(31)** 62/383,162 **(32)** 02.09.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Chin, Gregory; Mackman, Richard L.; Mish, Michael R.; Zablocki, Jeff  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Girard Products, LLC  
**(11)** AU-A-2017310515  
**(21)** 2017310515 **(22)** 11.08.2017  
**(54)** Hydro-furnaces and related methods for vehicles  
**(51)** Int. Cl.  
**F24H 1/06** ( 2006.01 )  
**F24H 1/48** ( 2006.01 )  
**F24H 4/02** ( 2006.01 )  
**F24H 6/00** ( 2006.01 )  
**(87)** WO2018/031944  
**(31)** 62/374,586 **(32)** 12.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Consadori, Francesco; Solis Marquez, Oscar  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** GlaxoSmithKline Intellectual Property (No.2) Limited  
**(11)** AU-A-2017317724  
**(21)** 2017317724 **(22)** 31.08.2017  
**(54)** Imidazole derivatives and their use in the treatment of autoimmune or inflammatory diseases or cancers  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61K 31/4433** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )
- 
- A61K 31/444** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**(87)** WO2018/041947  
**(31)** 1614934.6 **(32)** 02.09.16 **(33)** GB  
**(43)** 08.03.2018  
**(72)** Baxter, Andrew; Brown, John Alexander; Hirst, David; Humphreys, Philip; Jones, Katherine Louise; Patel, Vipulkumar Kantibhai  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** GlaxoSmithKline Intellectual Property (No.2) Limited  
**(11)** AU-A-2017330618  
**(21)** 2017330618 **(22)** 20.09.2017  
**(54)** TRPV4 antagonists  
**(51)** Int. Cl.  
**C07D 207/48** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/14** ( 2006.01 )  
**A61P 13/10** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 498/10** ( 2006.01 )  
**(87)** WO2018/055524  
**(31)** 62/482,296 **(32)** 06.04.17 **(33)** US  
 62/396,991 20.09.16 US  
**(43)** 29.03.2018  
**(72)** Brnardic, Edward J.; Brooks, Carl A.; Lawhorn, Brian Griffin; Ye, Guosen; Barton, Linda S.; Budzik, Brian W.; Matthews, Jay M.; McAtee, John Jeffrey; Patterson, Jaclyn R.; Pero, Joseph E.; Sanchez, Robert; Sender, Matthew Robert; Terrell, Lamont Roscoe; Behm, David J.; Thomas, James V.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** GlaxoSmithKline Intellectual Property Development Limited  
**(11)** AU-A-2017317723  
**(21)** 2017317723 **(22)** 31.08.2017  
**(54)** Crystalline hydrate of the compound (2S,3R)-isopropyl 2-(((2-(1,5-dimethyl-6-oxo-1,6-dihydropyridin-3-yl)-1-((tetrahydro-2H-pyran-4-yl)methyl)-1H-benzo[D]imidazol-5-yl)methyl)amino)-3-hydroxybutanoate edisylate  
**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**(87)** WO2018/041946  
**(31)** 1614939.5 **(32)** 02.09.16 **(33)** GB  
**(43)** 08.03.2018  
**(72)** Henley, Nicholas Paul  
**(74)** Phillips Ormonde Fitzpatrick

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

- (71) GI Co., Ltd.  
 (11) AU-A-2017341596  
 (21) 2017341596 (22) 26.05.2017  
 (54) Wind power generator allowing tracking wind direction  
 (51) Int. Cl.  
*F03D 7/02* ( 2006.01 )  
*F03D 1/02* ( 2006.01 )  
*F03D 9/25* ( 2016.01 )  
*F03D 80/70* ( 2016.01 )  
*H02K 7/18* ( 2006.01 )  
 (87) WO2018/070628  
 (31) 10-2016-0130477 (32) 10.10.16 (33) KR  
 (43) 19.04.2018  
 (72) Bang, Boo-Hyeon  
 (74) Alder IP Pty Ltd
- 
- (71) Global Health Innovators Pty Ltd  
 (11) AU-A-2017313432  
 (21) 2017313432 (22) 09.08.2017  
 (54) System and method for remote provision of healthcare  
 (51) Int. Cl.  
*G06Q 50/22* ( 2012.01 )  
 (87) WO2018/032039  
 (31) 2016903248 (32) 16.08.16 (33) AU  
 (43) 22.02.2018  
 (72) Tse, Edmund Yee-Lai; Iyngkaran, Guruparan  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Global Impact Strategies  
 (11) AU-A-2017309136  
 (21) 2017309136 (22) 06.03.2017  
 (54) Method and apparatus for quantitatively ranking possible outcome scenarios for issues involving multiple stakeholders  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06Q 10/10* ( 2012.01 )  
 (87) WO2018/031072  
 (31) 62/372,750 (32) 09.08.16 (33) US  
 (43) 15.02.2018  
 (72) Bagherpour, Amir  
 (74) Spruson & Ferguson
- 
- (71) Google LLC  
 (11) AU-A-2016423167  
 (21) 2016423167 (22) 15.09.2016  
 (54) Amplifier frequency matching for qubit readout  
 (51) Int. Cl.  
*B82Y 10/00* ( 2011.01 )  
*G06N 99/00* ( 2010.01 )  
*H03K 19/195* ( 2006.01 )  
 (87) WO2018/052427  
 (43) 22.03.2018  
 (72) White, Theodore Charles; Kelly, Julian Shaw  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Google LLC  
 (11) AU-A-2016423191  
 (21) 2016423191 (22) 20.12.2016
- 
- (71) Multilayer printed circuit board for reducing quantum signal crosstalk  
 (51) Int. Cl.  
*H05K 1/18* ( 2006.01 )  
*G06N 99/00* ( 2010.01 )  
*H05K 1/02* ( 2006.01 )  
 (87) WO2018/052465  
 (31) 62/394,892 (32) 15.09.16 (33) US  
 (43) 22.03.2018  
 (72) Lucero, Erik Anthony  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Gordon, A.  
 (11) AU-A-2017323871  
 (21) 2017323871 (22) 08.09.2017  
 (54) A tool for removing make-up from a brush  
 (51) Int. Cl.  
*A46B 17/06* ( 2006.01 )  
*A46B 17/04* ( 2006.01 )  
 (87) WO2018/045431  
 (31) 2016903641 (32) 09.09.16 (33) AU  
 (43) 15.03.2018  
 (72) Gordon, Ana  
 (74) Griffith Hack
- 
- (71) Gravifloat As  
 (11) AU-A-2017352093  
 (21) 2017352093 (22) 25.10.2017  
 (54) Harbour plant and method for mooring a floating body in a harbour plant  
 (51) Int. Cl.  
*E02B 17/02* ( 2006.01 )  
*E02B 3/06* ( 2006.01 )  
*E02B 17/00* ( 2006.01 )  
 (87) WO2018/078534  
 (31) 20161699 (32) 27.10.16 (33) NO  
 (43) 03.05.2018  
 (72) Gu, Weiguang; Wallentinsen, Åge; Rau Andersen, Stig  
 (74) DC Collins Pty Ltd
- 
- (71) Gree Electric Appliances, Inc. of Zhuhai  
 (11) AU-A-2017371964  
 (21) 2017371964 (22) 24.04.2017  
 (54) Control device and control method for direct-current micro-grid, and direct current micro-grid system  
 (51) Int. Cl.  
*H02J 1/00* ( 2006.01 )  
*H02J 3/32* ( 2006.01 )  
*H02J 3/38* ( 2006.01 )  
 (87) WO2018/103251  
 (31) 201611100747.X (32) 05.12.16 (33) CN  
 (43) 14.06.2018  
 (72) Tang, Wenqiang; Nan, Shugong; Huang, Meng  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Greeneden U.S. Holdings II, LLC  
 (11) AU-A-2017298468  
 (21) 2017298468 (22) 20.07.2017  
 (54) Virtual interactions in contact center operations  
 (51) Int. Cl.  
*H04M 3/523* ( 2006.01 )
- 
- H04L 12/28* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
*H04M 3/51* ( 2006.01 )  
 (87) WO2018/017849  
 (31) 15/216,622 (32) 21.07.16 (33) US  
 (43) 25.01.2018  
 (72) Dymshyts, Vadim; Placiakis, Vidas; Korolev, Nikolay I.; Ristock, Herbert Willi Artur  
 (74) FB Rice Pty Ltd
- 
- (71) GreenMantra Recycling Technologies Ltd.  
 (11) AU-A-2017333737  
 (21) 2017333737 (22) 29.09.2017  
 (54) Reactor for treating polystyrene material  
 (51) Int. Cl.  
*C08J 11/16* ( 2006.01 )  
*C08F 257/02* ( 2006.01 )  
 (87) WO2018/058257  
 (31) 62/401,830 (32) 29.09.16 (33) US  
 (43) 05.04.2018  
 (72) Di Mondo, Domenic; Scott, Benjamin  
 (74) Spruson & Ferguson
- 
- (71) Grey Technology Limited  
 (11) AU-A-2017324593  
 (21) 2017324593 (22) 07.09.2017  
 (54) Improved branch cutter  
 (51) Int. Cl.  
*A01G 3/08* ( 2006.01 )  
 (87) WO2018/046918  
 (31) 1615290.2 (32) 08.09.16 (33) GB  
 (43) 15.03.2018  
 (72) Grey, Nicholas Gerald; Vaggas, Christopher  
 (74) Anderson-Taylor & Associates
- 
- (71) Grow Solutions Tech LLC  
 (11) AU-A-2018286430  
 (21) 2018286430 (22) 08.05.2018  
 (54) Systems and methods for programming a grow pod  
 (51) Int. Cl.  
*A01G 31/04* ( 2006.01 )  
*A01G 7/00* ( 2006.01 )  
*A01G 9/24* ( 2006.01 )  
*G06Q 50/02* ( 2012.01 )  
 (87) WO2018/231370  
 (31) 15/972,726 (32) 07.05.18 (33) US  
 62/519,304 14.06.17 US  
 62/519,330 14.06.17 US  
 (43) 20.12.2018  
 (72) Millar, Gary Bret  
 (74) Murray Trento & Associates Pty Ltd
- 
- (71) Grubmüller, W.J.  
 (11) AU-A-2016422446  
 (21) 2016422446 (22) 09.09.2016  
 (54) Roulette apparatus  
 (51) Int. Cl.  
*A63F 5/00* ( 2006.01 )  
 (87) WO2018/046093  
 (43) 15.03.2018  
 (72) Grubmüller, Walter Jr.  
 (74) IP SOLVED (ANZ) PTY. LTD.

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

- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
 (11) AU-A-2016416776  
 (21) 2016416776 (22) 29.07.2016  
 (54) Methods of transmitting and receiving paging message, access network equipment, and terminal equipment  
 (51) Int. Cl.  
*H04W 68/02* ( 2009.01 )  
 (87) WO2018/018622  
 (43) 01.02.2018  
 (72) Tang, Hai  
 (74) Golja Haines & Friend
- 
- (71) Haddock, D.; Haddock, R.; Holley, N.  
 (11) AU-A-2017302659  
 (21) 2017302659 (22) 28.07.2017  
 (54) Trapezoidal rib mounting bracket with flexible legs  
 (51) Int. Cl.  
*F16B 2/06* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )  
*H01L 23/12* ( 2006.01 )  
 (87) WO2018/023016  
 (31) 62/368,831 (32) 29.07.16 (33) US  
 (43) 01.02.2018  
 (72) Haddock, Dustin M.M.; Haddock, Robert M.M.; Holley, Nikolaus J.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Hakim, C.  
 (11) AU-A-2017310507  
 (21) 2017310507 (22) 11.08.2017  
 (54) Externally programmable magnetic valve assembly and controller  
 (51) Int. Cl.  
*A61F 2/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61M 27/00* ( 2006.01 )  
*H02K 37/00* ( 2006.01 )  
 (87) WO2018/031936  
 (31) 62/374,046 (32) 12.08.16 (33) US  
 (43) 15.02.2018  
 (72) Hakim, Carlos A.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016425821  
 (21) 2016425821 (22) 06.10.2016  
 (54) Electro-hydraulic system with a single control line  
 (51) Int. Cl.  
*E21B 41/00* ( 2006.01 )  
*F15B 13/02* ( 2006.01 )  
*F15B 13/044* ( 2006.01 )  
 (87) WO2018/067153  
 (43) 12.04.2018  
 (72) Dave, Jalpan Piyush; James, Paul G.; Asthana, Pranay; Balasubramanian, Aswin; Zheng, Quanling  
 (74) FB Rice Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016426155  
 (21) 2016426155 (22) 14.10.2016  
 (54) Method and transducer for acoustic logging  
 (51) Int. Cl.  
*E21B 47/00* ( 2012.01 )  
*G01V 1/40* ( 2006.01 )  
*G01V 1/52* ( 2006.01 )  
 (87) WO2018/071038  
 (43) 19.04.2018  
 (72) Palani, Vinodh Kumar; Jin, Jing; Lim, Chin Wee  
 (74) FB Rice Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016426435  
 (21) 2016426435 (22) 13.10.2016  
 (54) Hydrating swellable clays  
 (51) Int. Cl.  
*C09K 8/14* ( 2006.01 )  
*C09K 8/03* ( 2006.01 )  
*C09K 8/035* ( 2006.01 )  
*C09K 8/46* ( 2006.01 )  
*C09K 8/80* ( 2006.01 )  
 (87) WO2018/071021  
 (43) 19.04.2018  
 (72) Patil, Sandip Prabhakar; Abdulrazzaq, Waseem; Singh, Sheetal; Mishra, Vaishali; Alburaikan, Reem Mohammed  
 (74) FB Rice Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016426983  
 (21) 2016426983 (22) 17.10.2016  
 (54) Inhibiting corrosion in a downhole environment  
 (51) Int. Cl.  
*A61B 17/17* ( 2006.01 )  
*A61B 17/15* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
 (87) WO2018/074997  
 (43) 26.04.2018  
 (72) Eluru, Sairam; Nehete, Umesh Nandeo; Salla, Rajender  
 (74) FB Rice Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016429758  
 (21) 2016429758 (22) 17.11.2016  
 (54) Wellbore distributed acoustic sensing system using a mode scrambler  
 (51) Int. Cl.  
*E21B 47/00* ( 2012.01 )  
*G01V 1/40* ( 2006.01 )  
*G01V 1/52* ( 2006.01 )  
 (87) WO2018/093366  
 (43) 24.05.2018  
 (72) Barfoot, David; Therrien, Jason Edward; Lan, Xinwei; Martinez, Yenny Natali  
 (74) FB Rice Pty Ltd
- 
- (71) Harbin Pharmaceutical Group Co., Ltd. General Pharmaceutical Factory  
 (11) AU-A-2017306606  
 (21) 2017306606 (22) 03.08.2017  
 (54) Salt and crystal of diaza-benzofluorane compound
- 
- (51) Int. Cl.  
*C07D 461/00* ( 2006.01 )  
*A61K 31/4375* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*A61P 25/08* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
 (87) WO2018/024225  
 (31) 201610633622.7 (32) 04.08.16 (33) CN  
 (43) 08.02.2018  
 (72) Lu, Qingqing; Shi, Shenyi; Bai, Tiezhong; Yuan, Shujie; Li, Zhengwu; Hu, Qiaofen; Cao, Yijie; Gao, Jing; Ding, Hui; Li, Jinhua; Xu, Guanghai; Wang, Zheng  
 (74) Madderns Pty Ltd
- 
- (71) Hawaii Biotech Inc.  
 (11) AU-A-2017301918  
 (21) 2017301918 (22) 26.07.2017  
 (54) Optimized Zika virus envelope gene and expression thereof  
 (51) Int. Cl.  
*C07K 14/18* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*C07K 16/10* ( 2006.01 )  
 (87) WO2018/022790  
 (31) 62/410,572 (32) 20.10.16 (33) US  
 62/367,310 27.07.16 US  
 62/442,346 04.01.17 US  
 (43) 01.02.2018  
 (72) Clements, David E.  
 (74) FB Rice Pty Ltd
- 
- (71) HBI Branded Apparel Enterprises, LLC  
 (11) AU-A-2017321000  
 (21) 2017321000 (22) 23.08.2017  
 (54) Garment with inner panel  
 (51) Int. Cl.  
*A41B 9/04* ( 2006.01 )  
 (87) WO2018/044651  
 (31) 62/381,986 (32) 31.08.16 (33) US  
 15/681,951 21.08.17 US  
 (43) 08.03.2018  
 (72) Waitz, Sandra Ann; Shannon, Catherine  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Hitachi Construction Machinery Co., Ltd.  
 (11) AU-A-2018246069  
 (21) 2018246069 (22) 27.02.2018  
 (54) Road surface management system and road surface management method  
 (51) Int. Cl.  
*G06Q 10/00* ( 2012.01 )  
*E01C 23/00* ( 2006.01 )  
*G06Q 10/04* ( 2012.01 )  
*G06Q 50/02* ( 2012.01 )  
*G08G 1/00* ( 2006.01 )  
 (87) WO2018/180136  
 (31) 2017-070650 (32) 31.03.17 (33) JP  
 (43) 04.10.2018  
 (72) Masuda, Koutarou  
 (74) Griffith Hack
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2016426155

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

- (71) Höganas AB (publ)  
 (11) AU-A-2017322185  
 (21) 2017322185 (22) 08.09.2017  
 (54) Device and process for electrocoagulation  
 (51) Int. Cl.  
*C02F 1/463* ( 2006.01 )  
*C02F 1/467* ( 2006.01 )  
*C02F 101/10* ( 2006.01 )  
*C02F 101/14* ( 2006.01 )  
*C02F 101/22* ( 2006.01 )  
 (87) WO2018/046641  
 (31) 62/385,697 (32) 09.09.16 (33) US  
 16194603.3 19.10.16 EP  
 (43) 15.03.2018  
 (72) Unger, Kyle; Tandukar, Madan; Endler, Paul  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2016420664  
 (21) 2016420664 (22) 23.08.2016  
 (54) Service establishment method and device  
 (51) Int. Cl.  
*H04W 72/12* ( 2009.01 )  
 (87) WO2018/035724  
 (43) 01.03.2018  
 (72) Chong, Weiwei; Wu, Xiaobo  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Hubtex Maschinenbau GmbH & Co. KG  
 (11) AU-A-2017318205  
 (21) 2017318205 (22) 26.07.2017  
 (54) Industrial truck and drive wheel bearing device for industrial trucks  
 (51) Int. Cl.  
*B66F 9/075* ( 2006.01 )  
 (87) WO2018/041484  
 (31) 10 2016 116 469.0 (32) 02.09.16 (33) DE  
 10 2017 103 024.7 15.02.17 DE  
 (43) 08.03.2018  
 (72) Keller, Jürgen  
 (74) Spruson & Ferguson
- 
- (71) Idorsia Pharmaceuticals Ltd  
 (11) AU-A-2017302079  
 (21) 2017302079 (22) 27.07.2017  
 (54) Piperidine CXCR7 receptor modulators  
 (51) Int. Cl.  
*C07D 413/14* ( 2006.01 )  
*A61K 31/4545* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
 (87) WO2018/019929  
 (31) PCT/EP2016/068052 (32) 28.07.16 (33) EP  
 (43) 01.02.2018  
 (72) Aissaoui, Hamed; Guerry, Philippe; Lehembre, Francois; Pothier, Julien; Pouzol, Laetitia; Richard-Bildstein, Sylvia; Yuan, Shuguang  
 (74) AJ PARK
- 
- (71) Illinois Tool Works Inc.  
 (11) AU-A-2017324990  
 (21) 2017324990 (22) 08.09.2017  
 (54) Device for injection of a liquid for an air intake circuit in an automotive vehicle  
 (51) Int. Cl.  
*F02B 77/04* ( 2006.01 )  
*B08B 9/04* ( 2006.01 )  
 (87) WO2018/047005  
 (31) 1658448 (32) 12.09.16 (33) FR  
 (43) 15.03.2018  
 (72) Garibaldi, Alessio  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Imagine Global Care Corporation  
 (11) AU-A-2017310867  
 (21) 2017310867 (22) 04.08.2017  
 (54) Polysaccharide having natural immunostimulatory action and natural immunostimulatory or food or drink comprising same  
 (51) Int. Cl.  
*C08B 37/00* ( 2006.01 )  
*A23L 33/125* ( 2016.01 )  
*A61K 31/715* ( 2006.01 )  
*A61P 37/04* ( 2006.01 )  
*A23L 19/00* ( 2016.01 )  
 (87) WO2018/030542  
 (31) 2016-156274 (32) 09.08.16 (33) JP  
 (43) 15.02.2018  
 (72) Sekimizu, Kazuhisa; Urai, Makoto  
 (74) FB Rice Pty Ltd
- 
- (71) ImmuneXpress Pty Ltd  
 (11) AU-A-2017315328  
 (21) 2017315328 (22) 24.08.2017  
 (54) Systemic inflammatory and pathogen biomarkers and uses therefor  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*G01N 33/569* ( 2006.01 )  
 (87) WO2018/035563  
 (31) 2016903370 (32) 24.08.16 (33) AU  
 (43) 01.03.2018  
 (72) Brandon, Richard Bruce; Sampson, Dayle Lorand; McHugh, Leo Charles  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ImpediMed Limited  
 (11) AU-A-2017314767  
 (21) 2017314767 (22) 25.08.2017  
 (54) Subject data management system  
 (51) Int. Cl.  
*A61B 5/053* ( 2006.01 )  
*G16H 10/60* ( 2018.01 )  
 (87) WO2018/035570  
 (31) 62/380,214 (32) 26.08.16 (33) US  
 (43) 01.03.2018  
 (72) Cosentino, Jack Gerald; Carreon, Richard Roland  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Implantsdata Ophthalmic Products GmbH  
 (11) AU-A-2017321050  
 (21) 2017321050 (22) 04.09.2017  
 (54) Injector for ocular implant  
 (51) Int. Cl.  
*A61F 9/00* ( 2006.01 )  
 (87) WO2018/042033  
 (31) 10 2016 116 507.7 (32) 02.09.16 (33) DE  
 (43) 08.03.2018  
 (72) Ostermeier, Max; Meyer, Stefan  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Indose Inc  
 (11) AU-A-2017316131  
 (21) 2017316131 (22) 30.03.2017  
 (54) Inhalation device with metering  
 (51) Int. Cl.  
*A24F 47/00* ( 2006.01 )  
*G01F 1/10* ( 2006.01 )  
 (87) WO2018/038765  
 (31) 15/244,518 (32) 23.08.16 (33) US  
 (43) 01.03.2018  
 (72) Freeman, Daniel; Freeman, Ari; Freeman, Jacqueline  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) InspiRx, Inc.; The Research Foundation for The State University of New York  
 (11) AU-A-2017318685  
 (21) 2017318685 (22) 01.09.2017  
 (54) Breath-enhanced jet nebulizer  
 (51) Int. Cl.  
*A61M 15/00* ( 2006.01 )  
*A61M 11/02* ( 2006.01 )  
 (87) WO2018/045263  
 (31) 62/382,985 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (72) Toddywala, Rohinton D.; Shukla, Vijay; Smaldone, Gerald C.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Intellitech Pty Ltd.  
 (11) AU-A-2016424895  
 (21) 2016424895 (22) 15.12.2016  
 (54) Electric motor having a diametric coil  
 (51) Int. Cl.  
*H02K 3/00* ( 2006.01 )  
*H02K 1/27* ( 2006.01 )  
 (87) WO2018/060984  
 (31) 1616560.7 (32) 29.09.16 (33) GB  
 (43) 05.04.2018  
 (72) Mostovoy, Alexander; Shlakhetski, Victor  
 (74) WRAYS PTY LTD
- 
- (71) Intercontinental Great Brands LLC  
 (11) AU-A-2017312553  
 (21) 2017312553 (22) 14.08.2017  
 (54) Multi-layer film and reclosable film package  
 (51) Int. Cl.  
*B65D 75/58* ( 2006.01 )  
*B65D 77/20* ( 2006.01 )  
 (87) WO2018/035039  
 (31) 62/375,291 (32) 15.08.16 (33) US  
 (43) 22.02.2018  
 (72) Blyth, Stuart Mackintosh; Exner, Ronald H.; Fenech III, Louis Peter; Liang, Ying (Lora); Weber, Jeffrey T.; Zervas, Paul A.; Ziolkowski, Evan Michael  
 (74) Griffith Hack

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

- 
- (71) Intercontinental Great Brands LLC  
 (11) AU-A-2017312939  
 (21) 2017312939 (22) 14.08.2017  
 (54) Multi-layer film and reclosable film package  
 (51) Int. Cl.  
*B32B 27/08* ( 2006.01 )  
*B32B 3/26* ( 2006.01 )  
*B32B 7/06* ( 2006.01 )  
*B32B 7/12* ( 2006.01 )  
*B32B 27/32* ( 2006.01 )  
*B32B 27/34* ( 2006.01 )  
*B65D 65/40* ( 2006.01 )  
*B65D 75/58* ( 2006.01 )  
 (87) WO2018/035044  
 (31) 62/375,283 (32) 15.08.16 (33) US  
 (43) 22.02.2018  
 (72) Blyth, Stuart Mackintosh; Down, Matthew James; Holt, Christopher; Liang, Ying (Lora); Zervas, Paul A.  
 (74) Griffith Hack
- 
- (71) Italfarmaco S.p.A.  
 (11) AU-A-2017323432  
 (21) 2017323432 (22) 06.09.2017  
 (54) HC-CDR3-only libraries with reduced combinatorial redundancy and optimized loop length distribution  
 (51) Int. Cl.  
*C40B 40/08* ( 2006.01 )  
*C07K 16/00* ( 2006.01 )  
*C12N 15/00* ( 2006.01 )  
*C40B 40/10* ( 2006.01 )  
 (87) WO2018/046525  
 (31) 16187884.8 (32) 08.09.16 (33) EP  
 (43) 15.03.2018  
 (72) Lahm, Armin; Steinkühler, Christian  
 (74) Griffith Hack
- 
- (71) J.D. Franco & Co., LLC  
 (11) AU-A-2017325719  
 (21) 2017325719 (22) 14.09.2017  
 (54) Systems and methods for treating an eye using retrograde blood flow  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
*A61F 9/00* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )  
 (87) WO2018/053121  
 (31) 62/396,091 (32) 16.09.16 (33) US  
 62/395,294 15.09.16 US  
 (43) 22.03.2018  
 (72) Calhoun, Michael; Franco, Jeff  
 (74) Lord & Company
- 
- (71) JCR Pharmaceuticals Co., Ltd.  
 (11) AU-A-2017316955  
 (21) 2017316955 (22) 25.08.2017  
 (54) Method for producing antibody fusion protein  
 (51) Int. Cl.  
*C07K 19/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C12N 9/16* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )
- 
- C12N 15/09* ( 2006.01 )  
 (87) WO2018/038243  
 (31) 2016-164901 (32) 25.08.16 (33) JP  
 (43) 01.03.2018  
 (72) Koshimura, Yuri; Sonoda, Hiroyuki; Matev, Miroslav; Kakimoto Shinji; Fukui, Tsuyoshi; Hatano, Yukichi  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) JDS Therapeutics, LLC  
 (11) AU-A-2017318672  
 (21) 2017318672 (22) 31.08.2017  
 (54) Magnesium biotinate compositions and methods of use  
 (51) Int. Cl.  
*C07D 235/26* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 31/4188* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
 (87) WO2018/045244  
 (31) 62/382,438 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Komorowski, James R.; Nelson, Deanna J.  
 (74) Spruson & Ferguson
- 
- (71) Jiangsu Ernest Technology Co Ltd  
 (11) AU-A-2017303920  
 (21) 2017303920 (22) 26.07.2017  
 (54) A connector for joining bars  
 (51) Int. Cl.  
*E04C 5/16* ( 2006.01 )  
 (87) WO2018/019246  
 (31) 201620793072.0 (32) 26.07.16 (33) CN  
 (43) 01.02.2018  
 (72) Lu, Desheng  
 (74) MOSAIC IP
- 
- (71) Jiangsu Ernest Technology Co Ltd  
 (11) AU-A-2017304932  
 (21) 2017304932 (22) 26.07.2017  
 (54) Embedded anchor  
 (51) Int. Cl.  
*E04B 1/41* ( 2006.01 )  
 (87) WO2018/019247  
 (31) 201620794350.4 (32) 26.07.16 (33) CN  
 (43) 01.02.2018  
 (72) Lu, Desheng  
 (74) MOSAIC IP
- 
- (71) Joebotics Incorporated  
 (11) AU-A-2017321872  
 (21) 2017321872 (22) 01.09.2017  
 (54) Breadboard and electronics experimentation system  
 (51) Int. Cl.  
*G06F 17/50* ( 2006.01 )  
*H05K 1/02* ( 2006.01 )  
 (87) WO2018/045295  
 (31) 62/382,528 (32) 01.09.16 (33) US  
 15/692,484 31.08.17 US  
 (43) 08.03.2018  
 (72) Maisel, Joseph Julius; Orton, Leslie; Henderson, Christopher Draden  
 (74) FB Rice Pty Ltd
- 
- (71) Johnson Matthey Davy Technologies Limited  
 (11) AU-A-2017327999  
 (21) 2017327999 (22) 15.09.2017  
 (54) Process for the production of glycolic acid  
 (51) Int. Cl.  
*C07C 51/09* ( 2006.01 )  
*C07C 51/12* ( 2006.01 )  
*C07C 59/06* ( 2006.01 )  
*C07C 67/08* ( 2006.01 )  
*C07C 67/54* ( 2006.01 )  
*C07C 69/675* ( 2006.01 )  
 (87) WO2018/051115  
 (31) 1615762.0 (32) 16.09.16 (33) GB  
 (43) 22.03.2018  
 (72) Roberts, Dena; Watson, David John; Swinney, John  
 (74) Spruson & Ferguson
- 
- (71) Jones, M.L.; Wahl, C.; Wey, G.; Philippiessen, A.O.L.; Drlik, M.; Jones, R.; Muller, N.; Garland, A.; Niknia, I.  
 (11) AU-A-2017322324  
 (21) 2017322324 (22) 08.09.2017  
 (54) Electromechanical ingestible device for delivery of a dispensable substance  
 (51) Int. Cl.  
*A61B 1/04* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (87) WO2018/049133  
 (31) 62/540,873 (32) 03.08.17 (33) US  
 62/478,955 30.03.17 US  
 62/385,553 09.09.16 US  
 62/480,187 31.03.17 US  
 62/545,129 14.08.17 US  
 62/478,753 30.03.17 US  
 (43) 15.03.2018  
 (72) Jones, Mitchell Lawrence; Wahl, Christopher Loren; Wey, Gene Alan; Philippiessen, Aaron Olafur Laurence; Drlik, Mark Sasha; Jones, Ryan Elliott; Muller, Nathan John; Garland, Andrew Carlos; Niknia, Iman  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) Juno Therapeutics, Inc.  
 (11) AU-A-2017322752  
 (21) 2017322752 (22) 12.09.2017  
 (54) Perfusion bioreactor bag assemblies  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 3/06* ( 2006.01 )  
 (87) WO2018/049420  
 (31) 62/393,583 (32) 12.09.16 (33) US  
 (43) 15.03.2018  
 (72) Beauchesne, Pascal; Valburg, Chris Duncan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)  
 (11) AU-A-2017315809  
 (21) 2017315809 (22) 24.07.2017  
 (54) Solid fuel production method  
 (51) Int. Cl.  
*C10L 5/08* ( 2006.01 )  
*C10L 5/04* ( 2006.01 )

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

(87) WO2018/037808  
 (31) 2016-164103 (32) 24.08.16 (33) JP  
 (43) 01.03.2018  
 (72) Takahashi, Yoichi; Kinoshita, Shigeru;  
 Shigehisa, Takuo  
 (74) FB Rice Pty Ltd

(71) Kala Pharmaceuticals, Inc.  
 (11) AU-A-2017324251  
 (21) 2017324251 (22) 01.09.2017  
 (54) Crystalline forms of therapeutic compounds and uses thereof  
 (51) Int. Cl.  
 A01N 43/90 (2006.01)  
 A01N 43/80 (2006.01)  
 (87) WO2018/048746  
 (31) 62/385,148 (32) 08.09.16 (33) US  
 (43) 15.03.2018  
 (72) Nguyen, Minh Ngoc; Ong, Winston Zapanta  
 (74) K&L Gates

(71) Kala Pharmaceuticals, Inc.  
 (11) AU-A-2017324713  
 (21) 2017324713 (22) 01.09.2017  
 (54) Crystalline forms of therapeutic compounds and uses thereof  
 (51) Int. Cl.  
 A01N 43/90 (2006.01)  
 A01N 43/80 (2006.01)  
 (87) WO2018/048747  
 (31) 62/385,154 (32) 08.09.16 (33) US  
 (43) 15.03.2018  
 (72) Nguyen, Minh Ngoc; Ong, Winston Zapanta  
 (74) K&L Gates

(71) Kala Pharmaceuticals, Inc.  
 (11) AU-A-2017324716  
 (21) 2017324716 (22) 01.09.2017  
 (54) Crystalline forms of therapeutic compounds and uses thereof  
 (51) Int. Cl.  
 A01N 43/90 (2006.01)  
 A01N 43/80 (2006.01)  
 (87) WO2018/048750  
 (31) 62/385,155 (32) 08.09.16 (33) US  
 (43) 15.03.2018  
 (72) Nguyen, Minh Ngoc; Ong, Winston Zapanta  
 (74) K&L Gates

(71) Kal Tire  
 (11) AU-A-2017323888  
 (21) 2017323888 (22) 08.09.2017  
 (54) Gravity assist system  
 (51) Int. Cl.  
 B25J 1/02 (2006.01)  
 B25J 1/00 (2006.01)  
 B25J 1/12 (2006.01)  
 B60B 29/00 (2006.01)  
 (87) WO2018/045474  
 (31) 2,941,624 (32) 09.09.16 (33) CA  
 (43) 15.03.2018  
 (72) McMunn, Clayton Wilford Russell; Nilsson, Jan Peter  
 (74) Phillips Ormonde Fitzpatrick

(71) Kang, K.; Tyler, G.  
 (11) AU-A-2016418327  
 (21) 2016418327 (22) 11.08.2016  
 (54) An improved plastic container body and container closure and carry handle grip / container leverage opening tool assembly  
 (51) Int. Cl.  
 B65D 43/06 (2006.01)  
 B44D 3/12 (2006.01)  
 B65D 25/00 (2006.01)  
 B65D 51/16 (2006.01)  
 (87) WO2018/030963  
 (43) 15.02.2018  
 (72) Tyler, Glenn Norman; Kang, Kem Weichoreak  
 (74) PIPERS

(71) Kao Corporation  
 (11) AU-A-2017341561  
 (21) 2017341561 (22) 11.10.2017  
 (54) Foaming agent composition for civil engineering construction material  
 (51) Int. Cl.  
 C04B 24/16 (2006.01)  
 C04B 24/02 (2006.01)  
 C04B 24/08 (2006.01)  
 C04B 24/32 (2006.01)  
 (87) WO2018/070408  
 (31) 2016-200895 (32) 12.10.16 (33) JP  
 (43) 19.04.2018  
 (72) Koyanagi, Koji; Sasaki, Hirotaka  
 (74) Davies Collison Cave Pty Ltd

(71) Karl Leibinger Medizintechnik GmbH & Co. KG  
 (11) AU-A-2017318300  
 (21) 2017318300 (22) 22.08.2017  
 (54) Fiber-reinforced bioresorbable implant and method for producing same  
 (51) Int. Cl.  
 A61L 27/42 (2006.01)  
 A61L 27/48 (2006.01)  
 A61L 27/58 (2006.01)  
 (87) WO2018/041668  
 (31) 10 2016 116 387.2 (32) 01.09.16 (33) DE  
 (43) 08.03.2018  
 (72) Aksu, Adem; Reinauer, Frank; Wolfram, Tobias; Gabele, Lorenz  
 (74) Shelston IP Pty Ltd.

(71) Kellogg Company  
 (11) AU-A-2017335772  
 (21) 2017335772 (22) 28.09.2017  
 (54) Foodstuff packaging assembly and related methods  
 (51) Int. Cl.  
 B65D 81/34 (2006.01)  
 (87) WO2018/064256  
 (31) 62/401,302 (32) 29.09.16 (33) US  
 (43) 05.04.2018  
 (72) Polak, Mieczyslaw B.  
 (74) Davies Collison Cave Pty Ltd

(71) Kelts, A.D.; Candelas, G.  
 (11) AU-A-2017321895  
 (21) 2017321895 (22) 01.09.2017  
 (54) Bi-directional trust indicator  
 (51) Int. Cl.  
 G06F 21/32 (2013.01)  
 G06Q 20/32 (2012.01)  
 G06Q 20/40 (2012.01)  
 G06Q 50/26 (2012.01)  
 H04L 9/32 (2006.01)  
 H04L 29/06 (2006.01)  
 H04W 12/06 (2009.01)  
 (87) WO2018/045326  
 (31) 62/382,688 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Kelts, A. David; Candelas, Gustavo  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Kemin Industries, Inc.  
 (11) AU-A-2017326435  
 (21) 2017326435 (22) 15.09.2017  
 (54) Animal feed supplement  
 (51) Int. Cl.  
 A23J 7/00 (2006.01)  
 (87) WO2018/053286  
 (31) 62/454,311 (32) 03.02.17 (33) US  
 62/395,449 16.09.16 US  
 (43) 22.03.2018  
 (72) Jansen, Matias; Nuyens, Filip; Mast, Ilse  
 (74) Spruson & Ferguson

(71) Kolibree SAS  
 (11) AU-A-2017316731  
 (21) 2017316731 (22) 17.08.2017  
 (54) Oral hygiene system for compliance monitoring and tele-dentistry system  
 (51) Int. Cl.  
 A46B 15/00 (2006.01)  
 A61C 17/16 (2006.01)  
 A61C 17/22 (2006.01)  
 (87) WO2018/037318  
 (31) 62/378,139 (32) 22.08.16 (33) US  
 (43) 01.03.2018  
 (72) Serval, Thomas; Nicolas, Yann; Williams, Leonie  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Koninklijke Philips N.V.  
 (11) AU-A-2017307335  
 (21) 2017307335 (22) 02.08.2017  
 (54) System, apparatus and method for preparing a beverage  
 (51) Int. Cl.  
 A47J 31/36 (2006.01)  
 (87) WO2018/024799  
 (31) N2017286 (32) 03.08.16 (33) NL  
 (43) 08.02.2018  
 (72) Rijskamp, Peter; Ogink, Judith Margreet Hanneke; Kooijker, Klaas; Cornelissen, Marjan Willeke Esther  
 (74) FB Rice Pty Ltd

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

- (71) Korea Advanced Institute of Science and Technology; Saudi Aramco  
 (11) AU-A-2017306504  
 (21) 2017306504 (22) 07.08.2017  
 (54) Dry reforming catalyst using metal oxide support, and method for preparing synthetic gas by using same  
 (51) Int. Cl.  
 B01J 23/883 ( 2006.01 )  
 B01J 21/10 ( 2006.01 )  
 B01J 23/40 ( 2006.01 )  
 B01J 23/75 ( 2006.01 )  
 B01J 37/02 ( 2006.01 )  
 C10J 1/00 ( 2006.01 )  
 (87) WO2018/026246  
 (31) 10-2016-0100271 (32) 05.08.16 (33) KR  
 10-2017-0099675 07.08.17 KR  
 (43) 08.02.2018  
 (72) Yavuz, Cafer T.; Ozdemir, Ercan; Song, Youngdong; Harale, Aadesh; Fadhel, Bandar  
 (74) FB Rice Pty Ltd
- 
- (71) Kureha Corporation  
 (11) AU-A-2017359100  
 (21) 2017359100 (22) 18.10.2017  
 (54) Heat shrinkable multilayer film  
 (51) Int. Cl.  
 B32B 27/34 ( 2006.01 )  
 B32B 7/02 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B65D 65/40 ( 2006.01 )  
 (87) WO2018/088152  
 (31) 2016-218714 (32) 09.11.16 (33) JP  
 (43) 17.05.2018  
 (72) Nambu, Shota; Kitada, Ichiro; Itoh, Tadayoshi  
 (74) Madderns Pty Ltd
- 
- (71) L.B. Foster Company  
 (11) AU-A-2017321433  
 (21) 2017321433 (22) 29.08.2017  
 (54) Apparatus and method for rail head improvement  
 (51) Int. Cl.  
 E01B 5/08 ( 2006.01 )  
 (87) WO2018/044925  
 (31) 62/380,940 (32) 29.08.16 (33) US  
 (43) 08.03.2018  
 (72) Ciloglu, Korhan; Mohr, William; Workman, David  
 (74) Spruson & Ferguson
- 
- (71) Landmark Graphics Corporation  
 (11) AU-A-2016429682  
 (21) 2016429682 (22) 15.11.2016  
 (54) Predicting damage to wellbore tubulars due to multiple pulse generating devices  
 (51) Int. Cl.  
 E21B 47/00 ( 2012.01 )  
 G01V 1/40 ( 2006.01 )  
 G01V 1/52 ( 2006.01 )  
 (87) WO2018/093345  
 (43) 24.05.2018  
 (72) Samuel, Robello; Zhang, Yuan  
 (74) Patent Attorney Services
- 
- (71) Landmark Graphics Corporation  
 (11) AU-A-2017360850  
 (21) 2017360850 (22) 06.11.2017  
 (54) Multi-Z horizon interpretation and visualization from seismic data  
 (51) Int. Cl.  
 G01V 1/28 ( 2006.01 )  
 G01V 1/30 ( 2006.01 )  
 (87) WO2018/093597  
 (31) 62/423,672 (32) 17.11.16 (33) US  
 (43) 24.05.2018  
 (72) Nguyen, Nam Xuan; Tan, Xuewei  
 (74) Patent Attorney Services
- 
- (71) Landmark Graphics Corporation  
 (11) AU-A-2017360851  
 (21) 2017360851 (22) 06.11.2017  
 (54) Multi-Z horizon visualization from seismic data  
 (51) Int. Cl.  
 G06T 17/05 ( 2011.01 )  
 G01V 1/00 ( 2006.01 )  
 G06T 11/00 ( 2006.01 )  
 (87) WO2018/093598  
 (31) 62/423,687 (32) 17.11.16 (33) US  
 (43) 24.05.2018  
 (72) Nguyen, Nam Xuan; Tan, Xuewei  
 (74) Patent Attorney Services
- 
- (71) Lanxess Deutschland GmbH  
 (11) AU-A-2016421819  
 (21) 2016421819 (22) 02.09.2016  
 (54) Method for producing dialkyldicarbonates using tertiary amines as catalysts  
 (51) Int. Cl.  
 C07C 68/02 ( 2006.01 )  
 C07C 69/96 ( 2006.01 )  
 (87) WO2018/041360  
 (43) 08.03.2018  
 (72) Vogl, Erasmus; Hofmann, Christoph  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Le Nguyen Khanh, T.  
 (11) AU-A-2017296260  
 (21) 2017296260 (22) 21.06.2017  
 (54) A collapsible free standing exercise apparatus  
 (51) Int. Cl.  
 A63B 21/068 ( 2006.01 )  
 A63B 1/00 ( 2006.01 )  
 A63B 23/12 ( 2006.01 )  
 (87) WO2018/011650  
 (31) 15/249,348 (32) 27.08.16 (33) US  
 (43) 18.01.2018  
 (72) Le Nguyen Khanh, Trinh  
 (74) PIPERS
- 
- (71) Lesaffre et Compagnie  
 (11) AU-A-2017322445  
 (21) 2017322445 (22) 31.08.2017  
 (54) Use of MCM7 to obtain acetic acid-resistant yeast strains  
 (51) Int. Cl.  
 C07K 14/395 ( 2006.01 )  
 C12N 1/18 ( 2006.01 )  
 (87) WO2018/046820  
 (31) 1658370 (32) 08.09.16 (33) FR
- 
- (43) 15.03.2018  
 (72) Pignede, Georges; Desfougeres, Thomas  
 (74) Madderns Pty Ltd
- 
- (71) Level One Engineering LLC  
 (11) AU-A-2017307605  
 (21) 2017307605 (22) 04.08.2017  
 (54) Bicycle rear suspension system  
 (51) Int. Cl.  
 B62K 25/28 ( 2006.01 )  
 B60G 3/22 ( 2006.01 )  
 B60G 7/00 ( 2006.01 )  
 B62K 3/02 ( 2006.01 )  
 B62K 19/30 ( 2006.01 )  
 B62K 25/04 ( 2006.01 )  
 B62K 25/26 ( 2006.01 )  
 (87) WO2018/027192  
 (31) 62/370,815 (32) 04.08.16 (33) US  
 (43) 08.02.2018  
 (72) Beale, Luther Mac  
 (74) CreateIP
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017306233  
 (21) 2017306233 (22) 22.05.2017  
 (54) Garment processing device  
 (51) Int. Cl.  
 D06F 37/22 ( 2006.01 )  
 D06F 37/04 ( 2006.01 )  
 D06F 37/42 ( 2006.01 )  
 (87) WO2018/026091  
 (31) 10-2016-0099576 (32) 04.08.16 (33) KR  
 (43) 08.02.2018  
 (72) Kwak, Byeongheon; Kim, Jinwoong; Seo, Hyunseok  
 (74) Dentons New Zealand Limited
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017307893  
 (21) 2017307893 (22) 03.08.2017  
 (54) Dish washer  
 (51) Int. Cl.  
 A47L 15/42 ( 2006.01 )  
 B05B 1/00 ( 2006.01 )  
 (87) WO2018/026216  
 (31) 10-2016-0099555 (32) 04.08.16 (33) KR  
 (43) 08.02.2018  
 (72) Choi, Yongjin; Han, Shinwoo; Lee, Taehee  
 (74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017307902  
 (21) 2017307902 (22) 03.08.2017  
 (54) Dish washer  
 (51) Int. Cl.  
 A47L 15/42 ( 2006.01 )  
 B05B 1/00 ( 2006.01 )  
 (87) WO2018/026225  
 (31) 10-2016-0099558 (32) 04.08.16 (33) KR  
 (43) 08.02.2018  
 (72) Lee, Sangik; Choi, Yongjin; Lee, Jaechul; Han, Shinwoo  
 (74) FB Rice Pty Ltd
-

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

- (71) LG Electronics Inc.  
 (11) AU-A-2017307903  
 (21) 2017307903 (22) 03.08.2017  
 (54) Dish washer  
 (51) Int. Cl.  
 A47L 15/42 ( 2006.01 )  
 A47L 15/00 ( 2006.01 )  
 B05B 1/00 ( 2006.01 )  
 (87) WO2018/026226  
 (31) 10-2016-0099559 (32) 04.08.16 (33) KR  
 (43) 08.02.2018  
 (72) Choi, Yongjin; Han, Shinwoo  
 (74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017314579  
 (21) 2017314579 (22) 04.05.2017  
 (54) Dust collecting device, and vacuum cleaner comprising same  
 (51) Int. Cl.  
 A47L 5/24 ( 2006.01 )  
 A47L 9/16 ( 2006.01 )  
 A47L 9/32 ( 2006.01 )  
 (87) WO2018/038351  
 (31) 10-2016-0108423 (32) 25.08.16 (33) KR  
 (43) 01.03.2018  
 (72) Hyun, Kietak; Ko, Jungmin; Eo, Soohan; Lee, Sangchul  
 (74) Dentons New Zealand Limited
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017316015  
 (21) 2017316015 (22) 28.06.2017  
 (54) Laundry apparatus  
 (51) Int. Cl.  
 D06F 39/04 ( 2006.01 )  
 D06F 33/02 ( 2006.01 )  
 D06F 37/06 ( 2006.01 )  
 D06F 37/22 ( 2006.01 )  
 D06F 37/42 ( 2006.01 )  
 D06F 39/00 ( 2006.01 )  
 D06F 39/08 ( 2006.01 )  
 D06F 58/04 ( 2006.01 )  
 D06F 58/24 ( 2006.01 )  
 D06F 58/26 ( 2006.01 )  
 (87) WO2018/038380  
 (31) 10-2016-0108329 (32) 25.08.16 (33) KR  
 (43) 01.03.2018  
 (72) Kim, Woore; Noh, Hyunwoo; Hong, Sangwook  
 (74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017316101  
 (21) 2017316101 (22) 25.08.2017  
 (54) Clothes treatment apparatus and control method therefor  
 (51) Int. Cl.  
 D06F 39/04 ( 2006.01 )  
 D06F 37/06 ( 2006.01 )  
 D06F 37/22 ( 2006.01 )  
 D06F 37/42 ( 2006.01 )  
 D06F 39/00 ( 2006.01 )  
 D06F 39/08 ( 2006.01 )  
 D06F 58/04 ( 2006.01 )  
 D06F 58/10 ( 2006.01 )  
 D06F 58/26 ( 2006.01 )  
 D06F 58/28 ( 2006.01 )  
 (87) WO2018/038580
- 
- (31) 10-2017-0108223 (32) 25.08.17 (33) KR  
 10-2017-0101332 09.08.17 KR  
 10-2017-0101338 09.08.17 KR  
 10-2016-0108328 25.08.16 KR  
 10-2017-0101340 09.08.17 KR  
 10-2017-0101334 09.08.17 KR  
 (43) 01.03.2018  
 (72) Kim, Beomjun; Kim, Woore; Park, Bio; Park, Seulgi; Jang, Jaehyuk; Hong, Sangwook; Kim, Changoh; Noh, Hyunwoo  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-A-2017332423  
 (21) 2017332423 (22) 26.09.2017  
 (54) Uplink transmission/reception method in wireless communication system and device therefor  
 (51) Int. Cl.  
 H04B 7/0456 ( 2017.01 )  
 H04B 7/06 ( 2006.01 )  
 (87) WO2018/056789  
 (31) 62/400,077 (32) 26.09.16 (33) US  
 62/401,961 30.09.16 US  
 62/416,682 02.11.16 US  
 (43) 29.03.2018  
 (72) Park, Jonghyun; Kang, Jiwon; Kim, Kijun; Park, Haewook  
 (74) Dentons New Zealand Limited
- 
- (71) Lifetime Products, Inc.  
 (11) AU-A-2017322239  
 (21) 2017322239 (22) 07.09.2017  
 (54) Dual color blow molding process  
 (51) Int. Cl.  
 B29C 48/30 ( 2019.01 )  
 B29C 48/345 ( 2019.01 )  
 B29C 49/02 ( 2006.01 )  
 B29C 49/04 ( 2006.01 )  
 B29C 49/22 ( 2006.01 )  
 B29C 49/28 ( 2006.01 )  
 B29C 49/50 ( 2006.01 )  
 B29C 49/58 ( 2006.01 )  
 (87) WO2018/049032  
 (31) 62/393,457 (32) 12.09.16 (33) US  
 15/697,246 06.09.17 US  
 (43) 15.03.2018  
 (72) Anderson, Matthew Scott; Cole, Mark  
 (74) Clark Intellectual Property Pty Ltd
- 
- (71) Likua Endustriyel Ambalaj Malzm. San. Ve Tic. Ltd. Sti  
 (11) AU-A-2017342683  
 (21) 2017342683 (22) 02.08.2017  
 (54) A flexible big bag embodiment preventing wave  
 (51) Int. Cl.  
 B65D 88/16 ( 2006.01 )  
 B65D 88/22 ( 2006.01 )  
 B65D 90/52 ( 2006.01 )  
 (87) WO2018/070954  
 (31) 2016/11603 (32) 17.08.16 (33) TR  
 (43) 19.04.2018  
 (72) Kohen, Yusuf  
 (74) PIPERS
- 
- (71) Lin, Y.  
 (11) AU-A-2017316336  
 (21) 2017316336 (22) 22.08.2017  
 (54) Exercise disc for strengthening the fingers  
 (51) Int. Cl.  
 G09B 15/06 ( 2006.01 )  
 A63B 23/16 ( 2006.01 )  
 (87) WO2018/036577  
 (31) 10 2016 010 511.9 (32) 24.08.16 (33) DE  
 20 2016 005 316.8 24.08.16 DE  
 (43) 01.03.2018  
 (72) Lin, Yiming  
 (74) Madderns Pty Ltd
- 
- (71) Linde Aktiengesellschaft  
 (11) AU-A-2017320763  
 (21) 2017320763 (22) 29.08.2017  
 (54) Method for operating an adsorber arrangement and adsorber arrangement  
 (51) Int. Cl.  
 B01D 53/04 ( 2006.01 )  
 C01B 23/00 ( 2006.01 )  
 (87) WO2018/041825  
 (31) 16001894.1 (32) 30.08.16 (33) EP  
 (43) 08.03.2018  
 (72) Fisel, Wolfgang; Wilhelm, Hanspeter  
 (74) Shelston IP Pty Ltd.
- 
- (71) Locus IP Company, LLC  
 (11) AU-A-2017322409  
 (21) 2017322409 (22) 08.09.2017  
 (54) Distributed systems for the efficient production and use of microbe-based compositions  
 (51) Int. Cl.  
 C12M 3/00 ( 2006.01 )  
 A01N 63/00 ( 2006.01 )  
 C05F 11/08 ( 2006.01 )  
 C07K 17/00 ( 2006.01 )  
 C12M 1/34 ( 2006.01 )  
 (87) WO2018/049182  
 (31) 62/385,057 (32) 08.09.16 (33) US  
 (43) 15.03.2018  
 (72) Farmer, Sean; Zorner, Paul S.; Alibek, Ken; Adams, Kent; Dixon, Tyler  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Longeviti Neuro Solutions LLC; The Johns Hopkins University  
 (11) AU-A-2017319330  
 (21) 2017319330 (22) 30.08.2017  
 (54) Method for manufacturing a low-profile intercranial device and the low-profile intercranial device manufactured thereby  
 (51) Int. Cl.  
 A61B 17/68 ( 2006.01 )  
 A61B 17/80 ( 2006.01 )  
 A61F 2/00 ( 2006.01 )  
 A61F 2/02 ( 2006.01 )  
 A61F 2/28 ( 2006.01 )  
 A61F 2/30 ( 2006.01 )  
 A61L 27/00 ( 2006.01 )  
 (87) WO2018/044984  
 (31) 15/669,268 (32) 04.08.17 (33) US  
 62/381,242 30.08.16 US

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

- (43) 08.03.2018  
 (72) Gordon, Chad R.; Christopher, Jesse  
 (74) Burns IP & Commercial Pty Ltd
- 
- (71) Lumiphore, Inc.  
 (11) AU-A-2017321979  
 (21) 2017321979 (22) 05.09.2017  
 (54) Macrocyclic ligands with pendant chelating moieties and complexes thereof  
 (51) Int. Cl.  
*G01N 21/76* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 471/22* ( 2006.01 )  
 (87) WO2018/045385  
 (31) 62/383,205 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (72) Tatum, David; Xu, Jide; Magda, Darren; Butlin, Nathaniel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lummus Technology Inc.  
 (11) AU-A-2017324000  
 (21) 2017324000 (22) 06.04.2017  
 (54) Pretreatment of natural gas prior to liquefaction  
 (51) Int. Cl.  
*C10L 3/10* ( 2006.01 )  
 (87) WO2018/048478  
 (31) 15/257,100 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (72) Gaskin, Thomas K.; Yamin, Fereidoun; Guvelioglu, Galip; Palacios, Vanessa  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Macquarie University  
 (11) AU-A-2017307229  
 (21) 2017307229 (22) 03.08.2017  
 (54) Laparoscopic guide  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
 (87) WO2018/023149  
 (31) 2016903078 (32) 04.08.16 (33) AU  
 (43) 08.02.2018  
 (72) Cartmill, John Anthony; Gilmore, Andrew  
 (74) Spruson & Ferguson
- 
- (71) Magic Leap, Inc.  
 (11) AU-A-2017317599  
 (21) 2017317599 (22) 22.08.2017  
 (54) Augmented reality display device with deep learning sensors  
 (51) Int. Cl.  
*G06F 3/01* ( 2006.01 )  
*G02B 27/01* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
*G06N 3/04* ( 2006.01 )  
*G06T 19/00* ( 2011.01 )  
 (87) WO2018/039269  
 (31) 62/377,835 (32) 22.08.16 (33) US  
 (43) 01.03.2018  
 (72) Rabinovich, Andrew; Malisiewicz, Tomasz Jan; Detone, Daniel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Magic Leap, Inc.  
 (11) AU-A-2017327387  
 (21) 2017327387 (22) 13.09.2017  
 (54) Virtual reality, augmented reality, and mixed reality systems with spatialized audio  
 (51) Int. Cl.  
*G10L 19/00* ( 2006.01 )  
*H04R 5/00* ( 2006.01 )  
*H04R 29/00* ( 2006.01 )  
 (87) WO2018/053047  
 (31) 62/394,617 (32) 14.09.16 (33) US  
 (43) 22.03.2018  
 (72) Link, Gregory Michael  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Maplebear, Inc. (dba Instacart)  
 (11) AU-A-2017324327  
 (21) 2017324327 (22) 05.09.2017  
 (54) Self-checkout system for bypassing in-store checkout  
 (51) Int. Cl.  
*G06Q 20/20* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*G07G 1/00* ( 2006.01 )  
*G07G 1/14* ( 2006.01 )  
 (87) WO2018/048808  
 (31) 15/258,942 (32) 07.09.16 (33) US  
 (43) 15.03.2018  
 (72) Ferreri, Arnaud Nicolas; Turley, Emmanuel Jean Yves; Khaitan, Ashu; Leung, Denise Hoi Shuen; Barnum, Elizabeth Ruth; Lee, Moses Yung Kyu; Schwantes, David  
 (74) FB Rice Pty Ltd
- 
- (71) Marel A/S  
 (11) AU-A-2017321073  
 (21) 2017321073 (22) 05.09.2017  
 (54) A gripper device  
 (51) Int. Cl.  
*B25J 15/00* ( 2006.01 )  
*B25J 15/02* ( 2006.01 )  
*B65B 35/16* ( 2006.01 )  
*B25J 11/00* ( 2006.01 )  
*B65B 25/06* ( 2006.01 )  
 (87) WO2018/042054  
 (31) PA 2016 70681 (32) 05.09.16 (33) DK  
 (43) 08.03.2018  
 (72) Overby, Jens; Dalgaard, Jens Kongen-sholm; Hundtofte, Niels Bjarne  
 (74) FB Rice Pty Ltd
- 
- (71) MasterCard International Incorporated  
 (11) AU-A-2017340266  
 (21) 2017340266 (22) 11.09.2017  
 (54) Method and system for identity and credential protection and verification via blockchain  
 (51) Int. Cl.  
*G06F 21/62* ( 2013.01 )  
*G06F 21/64* ( 2013.01 )  
*H04L 9/32* ( 2006.01 )  
 (87) WO2018/067271  
 (31) 62/404,885 (32) 06.10.16 (33) US
- 
- (43) 12.04.2018  
 (72) Murphy, Anthony Paul; Mattingly, Timothy Warren; Flor, Peter Julian Reyes  
 (74) Spruson & Ferguson
- 
- (71) Maxx Bench  
 (11) AU-A-2017306280  
 (21) 2017306280 (22) 02.08.2017  
 (54) Rotary exercise system  
 (51) Int. Cl.  
*A63B 21/22* ( 2006.01 )  
*A63B 1/00* ( 2006.01 )  
*A63B 3/00* ( 2006.01 )  
*A63B 17/00* ( 2006.01 )  
*A63B 21/005* ( 2006.01 )  
*A63B 21/012* ( 2006.01 )  
 (87) WO2018/026885  
 (31) 62/369,793 (32) 02.08.16 (33) US  
 (43) 08.02.2018  
 (72) Lennox, James J.; Vorozilchak, David; Hunt, Philip Matthew  
 (74) Shelston IP Pty Ltd.
- 
- (71) Mayo Foundation for Medical Education and Research  
 (11) AU-A-2017321798  
 (21) 2017321798 (22) 31.08.2017  
 (54) Methods and compositions for targeting T-cell cancers  
 (51) Int. Cl.  
*A61K 47/69* ( 2017.01 )  
*A61K 9/51* ( 2006.01 )  
*A61K 31/337* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/64* ( 2017.01 )  
*A61K 47/68* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2018/045238  
 (31) 62/382,635 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Markovic, Svetomir N.; Nevala, Wendy K.  
 (74) Spruson & Ferguson
- 
- (71) Mayo Foundation For Medical Education And Research  
 (11) AU-A-2017318668  
 (21) 2017318668 (22) 31.08.2017  
 (54) Carrier-PD-L1 binding agent compositions for treating cancers  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (87) WO2018/045239  
 (31) 62/382,731 (32) 01.09.16 (33) US  
 (43) 08.03.2018  
 (72) Markovic, Svetomir N.; Nevala, Wendy K.  
 (74) Spruson & Ferguson
- 
- (71) Mebias Discovery LLC  
 (11) AU-A-2017321791  
 (21) 2017321791 (22) 31.08.2017  
 (54) Substituted ureas and methods of making and using same

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

- (51) Int. Cl.  
**A61P 29/00** ( 2006.01 )  
**C07C 273/18** ( 2006.01 )  
**C07C 275/06** ( 2006.01 )  
**C07C 275/14** ( 2006.01 )
- (87) WO2018/045229  
(31) 62/382,530 (32) 01.09.16 (33) US  
(43) 08.03.2018  
(72) Tounge, Brett A.; Bayoumy, Shariff; Kuo, Lawrence C.; Dax, Scott  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MED-EL Elektromedizinische Geraete GmbH  
(11) AU-A-2017327851  
(21) 2017327851 (22) 12.09.2017  
(54) Full postoperative insertion of partially inserted cochlear implants  
(51) Int. Cl.  
**A61F 2/18** ( 2006.01 )  
**A61F 11/00** ( 2006.01 )  
**A61F 11/04** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )
- (87) WO2018/052867  
(31) 62/394,789 (32) 15.09.16 (33) US  
(43) 22.03.2018  
(72) Schurzig, Daniel  
(74) BOSH IP Pty Ltd
- 
- (71) MED-EL Elektromedizinische Geraete GmbH  
(11) AU-A-2017351055  
(21) 2017351055 (22) 23.10.2017  
(54) A fixation component for insertion tools for minimally invasive cochlear implants  
(51) Int. Cl.  
**A61F 11/04** ( 2006.01 )  
**A61N 1/00** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )
- (87) WO2018/080955  
(31) 62/411,713 (32) 24.10.16 (33) US  
(43) 03.05.2018  
(72) Schurzig, Daniel; Frölich, Max  
(74) BOSH IP Pty Ltd
- 
- (71) Medcontur Medical Engineering Ltd.  
(11) AU-A-2016416834  
(21) 2016416834 (22) 29.07.2016  
(54) Measuring visual acuity of a client  
(51) Int. Cl.  
**A61B 3/032** ( 2006.01 )  
**A61B 3/00** ( 2006.01 )
- (87) WO2018/020281  
(43) 01.02.2018  
(72) Erdei, Gábor; Fülep, Csilla  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Medtronic, Inc.  
(11) AU-A-2017326449  
(21) 2017326449 (22) 15.09.2017  
(54) Dorsal spinal column characterization system using evoked potentials  
(51) Int. Cl.
- A61N 1/36** ( 2006.01 )
- (87) WO2018/053336  
(31) 62/395,727 (32) 16.09.16 (33) US  
15/704,893 14.09.17 US  
(43) 22.03.2018  
(72) Dinsmoor, David A.; Denison, Timothy J.; Su, Xin  
(74) FB Rice Pty Ltd
- 
- (71) Medtronic Advanced Energy LLC  
(11) AU-A-2017356313  
(21) 2017356313 (22) 14.11.2017  
(54) Colored vitreous enamel composition for electrosurgical tool  
(51) Int. Cl.  
**B05D 1/12** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**B05D 1/06** ( 2006.01 )
- (87) WO2018/090044  
(31) 62/421,895 (32) 14.11.16 (33) US  
(43) 17.05.2018  
(72) Cheng, Xiaoming; Siopes Jr., William X.; Huq, Zahedul  
(74) FB Rice Pty Ltd
- 
- (71) Medtronic Advanced Energy LLC  
(11) AU-A-2017356315  
(21) 2017356315 (22) 14.11.2017  
(54) Controlled optical properties vitreous enamel composition for electrosurgical tool  
(51) Int. Cl.  
**C03C 3/064** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**C03C 3/066** ( 2006.01 )  
**C03C 3/091** ( 2006.01 )  
**C03C 3/093** ( 2006.01 )  
**C03C 8/02** ( 2006.01 )  
**C03C 8/04** ( 2006.01 )  
**C03C 8/14** ( 2006.01 )  
**C03C 8/16** ( 2006.01 )  
**C03C 10/00** ( 2006.01 )
- (87) WO2018/090046  
(31) 62/421,895 (32) 14.11.16 (33) US  
(43) 17.05.2018  
(72) Cheng, Xiaoming; Siopes Jr., William X.  
(74) FB Rice Pty Ltd
- 
- (71) Meltz, LLC  
(11) AU-A-2017315966  
(21) 2017315966 (22) 28.08.2017  
(54) Systems for controlled liquid food or beverage product creation  
(51) Int. Cl.  
**A47J 31/40** ( 2006.01 )  
**A23G 9/04** ( 2006.01 )  
**A47J 31/36** ( 2006.01 )
- (87) WO2018/039675  
(31) 15/347,591 (32) 09.11.16 (33) US  
15/265,379 14.09.16 US  
62/380,170 26.08.16 US  
(43) 01.03.2018  
(72) Roberts, Matthew P.; Kalenian, Paul; Hoon, Douglas M.; Winkler, Karl  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Merck Patent GmbH  
(11) AU-A-2017311047  
(21) 2017311047 (22) 07.08.2017  
(54) TLR7/8 antagonists and uses thereof  
(51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**C07D 215/14** ( 2006.01 )  
**C07D 215/18** ( 2006.01 )  
**C07D 241/42** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 451/02** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/08** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )
- (87) WO2018/031434  
(31) 62/371,917 (32) 08.08.16 (33) US  
(43) 15.02.2018  
(72) Sherer, Brian A.; Chen, Xiaoling; Cleary, Esther; Brugger, Nadia  
(74) Griffith Hack
- 
- (71) Micropure, Inc.  
(11) AU-A-2018241206  
(21) 2018241206 (22) 03.09.2018  
(54) Aliphatic anionic compounds and oxidative compounds with improved stability and efficacy for use in pharmaceutical compositions  
(51) Int. Cl.  
**C07C 303/00** ( 2006.01 )
- (31) 62/676,170 (32) 24.05.18 (33) US  
62/553,450 01.09.17 US  
(43) 21.03.2019  
(72) Shewale, Jaiprakash, G.; Cooley, William E.; Ratcliff, James L.; Garcia-Smith, Esmeralda Ann  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Mitobridge, Inc.  
(11) AU-A-2017340760  
(21) 2017340760 (22) 05.10.2017  
(54) Methods of treating acute kidney injury  
(51) Int. Cl.  
**A61K 31/192** ( 2006.01 )  
**A61K 31/4192** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )
- (87) WO2018/067857  
(31) 62/404,390 (32) 05.10.16 (33) US  
(43) 12.04.2018  
(72) Lagu, Bharat; Patane, Michael; Tozzo, Effie; Trzaska, Scott  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Mitsubishi Electric Corporation  
(11) AU-A-2016429466  
(21) 2016429466 (22) 11.11.2016  
(54) Communication device, communication system, communication method, and program  
(51) Int. Cl.  
**G06F 13/00** ( 2006.01 )
- (87) WO2018/087875

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

- (43) 17.05.2018  
 (72) Endo, Hiroaki; Ishihara, Masahiro; Miyaura, Yohei; Murakami, Yoshiro; Kuwabara, Yasushi  
 (74) Spruson & Ferguson
- 
- (71) Mitsubishi Electric Corporation  
 (11) AU-A-2017354183  
 (21) 2017354183 (22) 06.10.2017  
 (54) System and method for processing input point cloud having points  
 (51) Int. Cl.  
*G06F 17/10* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G06T 15/08* ( 2011.01 )  
*G06T 17/00* ( 2006.01 )  
 (87) WO2018/083963  
 (31) 62/417,007 (32) 03.11.16 (33) US  
 15/358,346 22.11.16 US  
 (43) 11.05.2018  
 (72) Tian, Dong; Chen, Siheng; Feng, Chen; Vetro, Anthony  
 (74) Griffith Hack
- 
- (71) Mitsubishi Heavy Industries Thermal Systems, Ltd.  
 (11) AU-A-2017349526  
 (21) 2017349526 (22) 05.10.2017  
 (54) Refrigeration device and refrigeration system  
 (51) Int. Cl.  
*F25B 1/00* ( 2006.01 )  
 (87) WO2018/079226  
 (31) 2016-213256 (32) 31.10.16 (33) JP  
 (43) 03.05.2018  
 (72) Murakami, Kenichi; Ikeda, Masaki; Omura, Minemasa; Enya, Atsushi  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) MJN U.S. Holdings LLC  
 (11) AU-A-2017321199  
 (21) 2017321199 (22) 15.08.2017  
 (54) Container with absorptive patch  
 (51) Int. Cl.  
*B65D 81/26* ( 2006.01 )  
 (87) WO2018/044546  
 (31) 15/251,073 (32) 30.08.16 (33) US  
 (43) 08.03.2018  
 (72) Love, Margo  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Moffat, B.; Sheldon-Coulson, G.  
 (11) AU-A-2017316567  
 (21) 2017316567 (22) 21.08.2017  
 (54) Wave energy device with constricted tube and generator pod  
 (51) Int. Cl.  
*F03B 13/10* ( 2006.01 )  
*F03B 13/00* ( 2006.01 )  
*F03B 13/12* ( 2006.01 )  
 (87) WO2018/039128  
 (31) 15/681,118 (32) 18.08.17 (33) US  
 62/383,579 05.09.16 US  
 62/377,679 22.08.16 US
- 
- (71) Moffat, B.; Sheldon-Coulson, G.; Garth Alexander  
 (74) In-Legal Limited
- 
- (71) Moghbeli, O.  
 (11) AU-A-2017324349  
 (21) 2017324349 (22) 06.09.2017  
 (54) Marine utility cast iron anode  
 (51) Int. Cl.  
*C23F 13/10* ( 2006.01 )  
*C23F 13/02* ( 2006.01 )  
*C23F 13/16* ( 2006.01 )  
 (87) WO2018/048835  
 (31) 62/384,042 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (72) Moghbeli, Omidreza  
 (74) PIPERS
- 
- (71) Moore, J.  
 (11) AU-A-2017318956  
 (21) 2017318956 (22) 24.08.2017  
 (54) Oil and gas well produced saltwater treatment system  
 (51) Int. Cl.  
*C10L 3/10* ( 2006.01 )  
*C02F 1/20* ( 2006.01 )  
 (87) WO2018/044690  
 (31) 62/495,014 (32) 27.08.16 (33) US  
 (43) 08.03.2018  
 (72) Moore, Joe Travis  
 (74) MINTER ELLISON
- 
- (71) Motorola Solutions, Inc.  
 (11) AU-A-2016420717  
 (21) 2016420717 (22) 26.08.2016  
 (54) Retention clip for a portable communication device  
 (51) Int. Cl.  
*H04M 1/04* ( 2006.01 )  
*A45F 5/02* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )  
*H04B 1/3888* ( 2015.01 )  
 (87) WO2018/038595  
 (43) 01.03.2018  
 (72) Tran, Chi T.; Lim, Sze Yen  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Mouschovias, A.; Hanan, J.C.; Niagara Bottling, LLC  
 (11) AU-A-2017313154  
 (21) 2017313154 (22) 18.08.2017  
 (54) Variable speed cryogen dosing system  
 (51) Int. Cl.  
*B65B 31/00* ( 2006.01 )  
*B65B 31/02* ( 2006.01 )  
 (87) WO2018/035480  
 (31) 15/681,123 (32) 18.08.17 (33) US  
 62/376,598 18.08.16 US  
 (43) 22.02.2018  
 (72) Mouschovias, Alexander; Hanan, Jay Clarke  
 (74) Spruson & Ferguson
- 
- (71) MPSC, Inc.  
 (11) AU-A-2017321889
- 
- (21) 2017321889 (22) 01.09.2017  
 (54) Method for rinsing of carcasses  
 (51) Int. Cl.  
*A22B 5/00* ( 2006.01 )  
 (87) WO2018/045314  
 (31) 15/690,477 (32) 30.08.17 (33) US  
 62/383,177 02.09.16 US  
 (43) 08.03.2018  
 (72) Johnsen, Justin T.; Martin, William J.; Wilesmith, Bradley J.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) MTD Products Inc  
 (11) AU-A-2017332131  
 (21) 2017332131 (22) 20.09.2017  
 (54) Air box assembly for an outdoor power tool  
 (51) Int. Cl.  
*F02M 35/14* ( 2006.01 )  
*F02M 35/02* ( 2006.01 )  
*F02M 35/04* ( 2006.01 )  
*F02M 35/10* ( 2006.01 )  
 (87) WO2018/057555  
 (31) 62/396,964 (32) 20.09.16 (33) US  
 (43) 29.03.2018  
 (72) Bringhurst, Cory  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MTD Products Inc.  
 (11) AU-A-2017332358  
 (21) 2017332358 (22) 21.09.2017  
 (54) Control assembly for a walk-behind mower  
 (51) Int. Cl.  
*A01D 34/68* ( 2006.01 )  
 (87) WO2018/057721  
 (31) 62/397,659 (32) 21.09.16 (33) US  
 (43) 29.03.2018  
 (72) Smith, Philip B.  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Mylan Laboratories Ltd,  
 (11) AU-A-2017303975  
 (21) 2017303975 (22) 28.07.2017  
 (54) Process for preparing sterile aripiprazole formulation  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/10* ( 2006.01 )  
*A61K 9/19* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
 (87) WO2018/020325  
 (31) 201641025857 (32) 28.07.16 (33) IN  
 (43) 01.02.2018  
 (72) Patel, Vallabhbbhai Bhaveshkumar; Pananchukunnath, Manoj; Bodkhe, Arvindrao Atul  
 (74) FB Rice Pty Ltd
- 
- (71) National Research Council of Canada  
 (11) AU-A-2017313536  
 (21) 2017313536 (22) 16.08.2017  
 (54) Methods and systems for ultrasonic rock bolt condition monitoring  
 (51) Int. Cl.

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

- G01N 29/07** ( 2006.01 )  
**E21D 21/00** ( 2006.01 )  
**E21D 21/02** ( 2006.01 )  
**G01B 17/04** ( 2006.01 )  
**G01L 5/00** ( 2006.01 )  
**G01N 3/00** ( 2006.01 )  
**(87)** WO2018/032106  
**(31)** 62/375,717 **(32)** 16.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Sun, Zhigang; Wu, Kuo-Ting; Krüger, Silvio Elton; Rocheleau, David; Quenneville, Yves  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** National Taiwan University; National Chiao Tung University; National Health Research Institutes; Tseng, Y.  
**(11)** AU-A-2017326359  
**(21)** 2017326359 **(22)** 14.09.2017  
**(54)** Novel substituted benzimidazole derivatives as D-amino acid oxidase (DAAO) inhibitors  
**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**C07D 235/04** ( 2006.01 )  
**(87)** WO2018/053161  
**(31)** 62/394,479 **(32)** 14.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Tseng, Yufeng Jane; Liu, Yu-Li; Sun, Chung-Ming; Lai, Wen-Sung; Liu, Chih-Min; Hwu, Hai-Gwo  
**(74)** Spruson & Ferguson
- 
- (71)** Naval Group  
**(11)** AU-A-2017320643  
**(21)** 2017320643 **(22)** 28.08.2017  
**(54)** Modular storage room for storing and handling weapons in particular, and ship including such a storage room  
**(51)** Int. Cl.  
**B63G 3/00** ( 2006.01 )  
**B63G 8/32** ( 2006.01 )  
**F41A 9/22** ( 2006.01 )  
**F41A 9/64** ( 2006.01 )  
**F41A 9/87** ( 2006.01 )  
**F42B 39/26** ( 2006.01 )  
**(87)** WO2018/041759  
**(31)** 16 01290 **(32)** 01.09.16 **(33)** FR  
**(43)** 08.03.2018  
**(72)** Arrignon, Geoffrey  
**(74)** Spruson & Ferguson
- 
- (71)** Navinta, Llc  
**(11)** AU-A-2017318591  
**(21)** 2017318591 **(22)** 31.08.2017  
**(54)** Bendamustine solution formulations  
**(51)** Int. Cl.  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61K 47/00** ( 2006.01 )  
**A61K 47/06** ( 2006.01 )  
**A61K 47/08** ( 2006.01 )  
**(87)** WO2018/045136  
**(31)** 62/381,906 **(32)** 31.08.16 **(33)** US  
 15/689,895 29.08.17 US  
 62/465,918 02.03.17 US
- 
- (43)** 08.03.2018  
**(72)** Patel, Mahendra R.  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Nestec S.A.  
**(11)** AU-A-2017327600  
**(21)** 2017327600 **(22)** 13.09.2017  
**(54)** Fermented nutritional composition for cow's milk protein allergic subjects  
**(51)** Int. Cl.  
**A23L 33/00** ( 2016.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/185** ( 2016.01 )  
**A61P 37/08** ( 2006.01 )  
**(87)** WO2018/050710  
**(31)** 62/393790 **(32)** 13.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Thevenier, Anne; Schuh, Susanne; Johnson, Katja; Vikas, Martin; Kuslys, Martinas; Ran-Ressler, Rinat; Rade-Kukic, Koraljka  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** New Technologies Global Systems, S.L.  
**(11)** AU-A-2016425653  
**(21)** 2016425653 **(22)** 06.10.2016  
**(54)** Dual base plate for transferring forces to the ground for vehicle-mounted mortars  
**(51)** Int. Cl.  
**F41A 23/54** ( 2006.01 )  
**F41A 23/34** ( 2006.01 )  
**F41F 1/06** ( 2006.01 )  
**(87)** WO2018/065638  
**(43)** 12.04.2018  
**(72)** Estrella Molina, Javier  
**(74)** FAL PATENTS PTY LTD
- 
- (71)** Nippon Paper Industries Co., Ltd.  
**(11)** AU-A-2017337365  
**(21)** 2017337365 **(22)** 29.09.2017  
**(54)** Paper barrier material  
**(51)** Int. Cl.  
**B32B 29/00** ( 2006.01 )  
**B32B 27/10** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )  
**(87)** WO2018/062466  
**(31)** 2016-196035 **(32)** 03.10.16 **(33)** JP  
 2016-193098 30.09.16 JP  
**(43)** 05.04.2018  
**(72)** Okamoto, Masashi; Oishi, Yuri; Kato, Masatsugu; Fukunaga, Masaaki; Miyajima, Akio; Koyamoto, Hiroshi  
**(74)** FB Rice Pty Ltd
- 
- (71)** Nipro Corporation  
**(11)** AU-A-2017308385  
**(21)** 2017308385 **(22)** 09.08.2017  
**(54)** Connector, connector-attached medicine container, liquid medicine feeding device  
**(51)** Int. Cl.  
**A61J 1/20** ( 2006.01 )  
**(87)** WO2018/030481  
**(31)** 2016-156513 **(32)** 09.08.16 **(33)** JP
- 
- (43)** 15.02.2018  
**(72)** Oguro, Takeshi  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** NOJA Power Switchgear Pty Ltd  
**(11)** AU-A-2017334269  
**(21)** 2017334269 **(22)** 28.09.2017  
**(54)** Enclosed switch visible break isolator  
**(51)** Int. Cl.  
**H01H 33/662** ( 2006.01 )  
**(87)** WO2018/058196  
**(31)** 2016903955 **(32)** 29.09.16 **(33)** AU  
**(43)** 05.04.2018  
**(72)** O'Sullivan, Neil Edward; Dart, David Leslie; Samarski, Oleg Vladimirovich; Manne, Jukka Pekka; Tortian, Joni Sahak; Maurer, Michael Raymond; Mahesh Mukundan, Muliylil K.; Khondaker, Fahmid  
**(74)** Michael Buck IP
- 
- (71)** Nordic Nanovector ASA  
**(11)** AU-A-2017327772  
**(21)** 2017327772 **(22)** 15.09.2017  
**(54)** Treatment of Non-Hodgkin lymphoma using lilotomab and 177Lu-lilotomab satetraxetan  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 51/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**(87)** WO2018/050851  
**(31)** 17164164.0 **(32)** 31.03.17 **(33)** EP  
 16189191.6 16.09.16 EP  
 17175768.5 13.06.17 EP  
 17170641.9 11.05.17 EP  
**(43)** 22.03.2018  
**(72)** Dahle, Jostein; Turner, Simon  
**(74)** WRAYS PTY LTD
- 
- (71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2017330506  
**(21)** 2017330506 **(22)** 07.09.2017  
**(54)** Angled circuit board connector  
**(51)** Int. Cl.  
**H05K 3/36** ( 2006.01 )  
**H01R 12/72** ( 2011.01 )  
**H01R 12/73** ( 2011.01 )  
**H05K 1/14** ( 2006.01 )  
**H05K 3/40** ( 2006.01 )  
**H05K 3/46** ( 2006.01 )  
**(87)** WO2018/057306  
**(31)** 15/270,816 **(32)** 20.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Hartman, Jeffrey David  
**(74)** Spruson & Ferguson
- 
- (71)** Novartis AG  
**(11)** AU-A-2017329090  
**(21)** 2017329090 **(22)** 18.09.2017  
**(54)** Therapeutic combinations comprising a RAF inhibitor and a ERK inhibitor  
**(51)** Int. Cl.  
**A61K 31/505** ( 2006.01 )

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

- A61K 31/5377** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2018/051306  
**(31)** 62/396,504 **(32)** 19.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Caponigro, Giordano; Meyer, Matthew John; Cooke, Vesselina; Stuart, Darrin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novartis AG  
**(11)** AU-A-2017342207  
**(21)** 2017342207 **(22)** 11.10.2017  
**(54)** An oxazine derivative for use in the treatment or prevention of cerebral amyloid angiopathy  
**(51)** Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2018/069843  
**(31)** 16193770.1 **(32)** 13.10.16 **(33)** EP  
**(43)** 19.04.2018  
**(72)** Lopez-Lopez, Cristina; Neumann, Ulf; Shimshek, Derya  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novimmune SA  
**(11)** AU-A-2017328633  
**(21)** 2017328633 **(22)** 15.09.2017  
**(54)** Bispecific antibody display on phage surface  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(87)** WO2018/050871  
**(31)** 62/395,139 **(32)** 15.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Fagète, Séverine; Hartley, Oliver; Fischer, Nicolas  
**(74)** Spruson & Ferguson
- 
- (71)** Nuggets Limited  
**(11)** AU-A-2017307295  
**(21)** 2017307295 **(22)** 01.08.2017  
**(54)** Data protection system and method  
**(51)** Int. Cl.  
**G06Q 20/38** ( 2012.01 )  
**H04L 9/32** ( 2006.01 )  
**(87)** WO2018/025028  
**(31)** 1613233.4 **(32)** 01.08.16 **(33)** GB  
**(43)** 08.02.2018  
**(72)** Alastair, Johnson  
**(74)** AJ Pietras & Co
- 
- (71)** Numares AG  
**(11)** AU-A-2017376194  
**(21)** 2017376194 **(22)** 12.12.2017  
**(54)** Method for analyzing an NMR spectrum of a lipoprotein-containing sample  
**(51)** Int. Cl.  
**G01R 33/465** ( 2006.01 )  
**G01N 24/08** ( 2006.01 )  
**(87)** WO2018/108898  
**(31)** 10 2016 224 691.7 **(32)** 12.12.16 **(33)** DE  
**(43)** 21.06.2018  
**(72)** Baumstark, Daniela  
**(74)** Spruson & Ferguson
- 
- (71)** Numares AG  
**(11)** AU-A-2017380103  
**(21)** 2017380103 **(22)** 22.12.2017  
**(54)** Method for determining proper functioning of an analytic system and control composition for performing said method  
**(51)** Int. Cl.  
**G01R 33/46** ( 2006.01 )  
**G01R 33/465** ( 2006.01 )  
**(87)** WO2018/115470  
**(31)** 10 2016 226 066.9 **(32)** 22.12.16 **(33)** DE  
**(43)** 28.06.2018  
**(72)** Fuhrmann, Markus; Zucker, Maximilian  
**(74)** Spruson & Ferguson
- 
- (71)** Nunhems B.V.  
**(11)** AU-A-2017336342  
**(21)** 2017336342 **(22)** 29.09.2017  
**(54)** Parthenocarpic watermelon plants  
**(51)** Int. Cl.  
**A01H 5/08** ( 2018.01 )  
**C12N 15/82** ( 2006.01 )  
**(87)** WO2018/060444  
**(31)** 16191903.0 **(32)** 30.09.16 **(33)** EP  
**(43)** 05.04.2018  
**(72)** Sirizzotti, Alberto; Berentsen, Richard Bernard; Vriezen, Hendrik Willem  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** NV Bekaert SA  
**(11)** AU-A-2017357418  
**(21)** 2017357418 **(22)** 02.10.2017  
**(54)** Construction reinforcement with protruding reinforcements  
**(51)** Int. Cl.  
**E01C 7/18** ( 2006.01 )  
**E01C 11/16** ( 2006.01 )  
**(87)** WO2018/086796  
**(31)** 16197929.9 **(32)** 09.11.16 **(33)** EP  
**(43)** 17.05.2018  
**(72)** Straubinger, Peter; Cornelus, Henk  
**(74)** Spruson & Ferguson
- 
- (71)** Oasys Water LLC  
**(11)** AU-A-2017305436  
**(21)** 2017305436 **(22)** 03.08.2017  
**(54)** Systems and methods for improving performance of forward osmosis systems  
**(51)** Int. Cl.  
**B01D 61/00** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
**(87)** WO2018/027019  
**(31)** 62/371,122 **(32)** 04.08.16 **(33)** US  
**(43)** 08.02.2018  
**(72)** Drover, Christopher; Staschke, Leah; Maxwell, Eric; McFadyen, Seth  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Obshchestvo S Ogranichennoy Otvetstvennostyu "Miki"  
**(11)** AU-A-2017314741  
**(21)** 2017314741 **(22)** 13.03.2017
- 
- (54)** Reinforced geogrid and method for producing same  
**(51)** Int. Cl.  
**E02D 17/20** ( 2006.01 )  
**(87)** WO2018/038646  
**(31)** 2016134935 **(32)** 26.08.16 **(33)** RU  
**(43)** 01.03.2018  
**(72)** Azarkh, Mikhail Mikhailovich; Odinokov, Aleksandr Vladimirovich  
**(74)** Discover IP
- 
- (71)** OligoScience Technology GmbH  
**(11)** AU-A-2017318386  
**(21)** 2017318386 **(22)** 29.08.2017  
**(54)** Use of human milk oligosaccharides in calves fattening  
**(51)** Int. Cl.  
**A23K 20/163** ( 2016.01 )  
**A23K 50/10** ( 2016.01 )  
**A23K 50/60** ( 2016.01 )  
**(87)** WO2018/041803  
**(31)** 16186533.2 **(32)** 31.08.16 **(33)** EP  
**(43)** 08.03.2018  
**(72)** Peracha, Max; Wemhoff, Sabrina  
**(74)** Spruson & Ferguson
- 
- (71)** Oncologie, Inc.  
**(11)** AU-A-2017334698  
**(21)** 2017334698 **(22)** 26.09.2017  
**(54)** Methods for treating cancer with bavituximab based on levels of  $\beta$ 2-glycoprotein 1, and assays therefor  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/92** ( 2006.01 )  
**(87)** WO2018/064013  
**(31)** 62/507,580 **(32)** 17.05.17 **(33)** US  
 62/406,727 11.10.16 US  
 62/480,994 03.04.17 US  
 62/400,549 27.09.16 US  
**(43)** 05.04.2018  
**(72)** Tang, Min; Shan, Joseph S.; King, Steven W.; Chang, Connie; Brown, Michael A.  
**(74)** Spruson & Ferguson
- 
- (71)** Oncotherapy Science, Inc.  
**(11)** AU-A-2017318907  
**(21)** 2017318907 **(22)** 25.08.2017  
**(54)** Monoclonal antibody against MELK and utilization thereof  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 33/15** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/573** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**(87)** WO2018/043311  
**(31)** 2016-169085 **(32)** 31.08.16 **(33)** JP  
**(43)** 08.03.2018  
**(72)** Harada, Yosuke; Chung, Suyoun; Nakamura, Yusuke  
**(74)** Davies Collison Cave Pty Ltd

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

- (71) Optimedica Corporation  
(11) AU-A-2016423068  
(21) 2016423068 (22) 14.09.2016  
(54) Free floating patient interface for laser surgery system  
(51) Int. Cl.  
A61F 9/009 (2006.01)  
A61F 9/008 (2006.01)  
(87) WO2018/052418  
(43) 22.03.2018  
(72) Schuele, Georg; Gooding, Phillip H.; Angeley, David; Wang, Zhao  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) OPTI-Minez Pty Ltd  
(11) AU-A-2017322093  
(21) 2017322093 (22) 29.08.2017  
(54) Method of strip mining  
(51) Int. Cl.  
E21C 41/26 (2006.01)  
E21C 41/00 (2006.01)  
E21C 47/00 (2006.01)  
(87) WO2018/039709  
(31) 2016903427 (32) 29.08.16 (33) AU  
(43) 08.03.2018  
(72) Hall, David; Boulton, Ted; Yeldham, Lachlan  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Origami Energy Limited  
(11) AU-A-2017312360  
(21) 2017312360 (22) 11.08.2017  
(54) Power distribution control system with improved responsiveness  
(51) Int. Cl.  
H02J 3/14 (2006.01)  
H02J 13/00 (2006.01)  
H02J 3/00 (2006.01)  
(87) WO2018/033710  
(31) 1614029.5 (32) 16.08.16 (33) GB  
(43) 22.02.2018  
(72) Lelus, Jerzy; Burstall, Oliver William John  
(74) Madderns Pty Ltd
- 
- (71) Osmose Utilities Services, Inc.  
(11) AU-A-2018227698  
(21) 2018227698 (22) 27.02.2018  
(54) Protective pole cap  
(51) Int. Cl.  
E04H 12/22 (2006.01)  
E02D 5/60 (2006.01)  
E04H 12/00 (2006.01)  
(87) WO2018/160562  
(31) 15/444,401 (32) 28.02.17 (33) US  
(43) 07.09.2018  
(72) Herdman, Douglas Joseph; Marquardt, Randy Carl; Smith, David Gordon  
(74) Spruson & Ferguson
- 
- (71) Osterhout Group, Inc.  
(11) AU-A-2017321192  
(21) 2017321192 (22) 14.08.2017  
(54) Adjustable nose bridge assembly for headworn computer  
(51) Int. Cl.  
G02B 27/01 (2006.01)  
G02C 5/02 (2006.01)  
G02C 5/04 (2006.01)  
G02C 5/06 (2006.01)  
G02C 5/12 (2006.01)  
(87) WO2018/044537  
(31) 15/249,637 (32) 29.08.16 (33) US  
(43) 08.03.2018  
(72) Heisey, Andrew Carl  
(74) Davies Collision Cave Pty Ltd
- 
- (71) Ozchela Inc.  
(11) AU-A-2017335076  
(21) 2017335076 (22) 29.09.2017  
(54) Stilbene derivative and method for preparing same  
(51) Int. Cl.  
C07C 255/42 (2006.01)  
A61K 31/496 (2006.01)  
C07C 253/30 (2006.01)  
C07C 255/35 (2006.01)  
C07C 255/41 (2006.01)  
C07D 241/04 (2006.01)  
(87) WO2018/062953  
(31) 10-2017-0102983 (32) 14.08.17 (33) KR  
10-2016-0127050 30.09.16 KR  
(43) 05.04.2018  
(72) Lee, Min-Kyung; Lee, Jin-Kak; Han, Won-Seok  
(74) Collision & Co
- 
- (71) Ozone Inventions Limited  
(11) AU-A-2017307365  
(21) 2017307365 (22) 28.07.2017  
(54) Ozone generator unit and system  
(51) Int. Cl.  
C01B 13/11 (2006.01)  
(87) WO2018/025133  
(31) 1630183-0 (32) 05.08.16 (33) SE  
(43) 08.02.2018  
(72) Arlemark, Jan  
(74) CHILIAD CONSULTING PTY LTD
- 
- (71) Ozuno Holdings Limited  
(11) AU-A-2017314486  
(21) 2017314486 (22) 25.08.2017  
(54) A signalling method for dimmers controlling a load  
(51) Int. Cl.  
H05B 37/02 (2006.01)  
G05D 25/00 (2006.01)  
G05F 1/10 (2006.01)  
H05B 39/04 (2006.01)  
(87) WO2018/035572  
(31) 2016903409 (32) 26.08.16 (33) AU  
(43) 01.03.2018  
(72) Vanderzon, James; Newman, Andrew  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Paratek Pharmaceuticals, Inc.  
(11) AU-A-2017305409  
(21) 2017305409 (22) 03.08.2017  
(54) 9-aminomethyl minocycline compounds and uses thereof  
(51) Int. Cl.  
C07C 237/26 (2006.01)  
A61K 31/65 (2006.01)
- 
- (71) PepsiCo, Inc.  
(11) AU-A-2017325729  
(21) 2017325729 (22) 14.09.2017  
(54) Compositions and methods for improving taste of non-nutritive sweeteners  
(51) Int. Cl.  
A23L 2/60 (2006.01)  
A23G 3/00 (2006.01)  
A23L 27/30 (2016.01)  
C07H 1/00 (2006.01)  
C07H 5/02 (2006.01)  
C07K 5/075 (2006.01)  
(87) WO2018/053135  
(31) 62/395,476 (32) 16.09.16 (33) US  
(43) 22.03.2018  
(72) Browne, Damian; Johnson, Winsome  
(74) Spruson & Ferguson
- 
- (71) Philip Morris Products S.A.  
(11) AU-A-2017307163  
(21) 2017307163 (22) 31.07.2017  
(54) Electronic vaping device, battery section, and charger  
(51) Int. Cl.  
H01M 2/10 (2006.01)  
A24F 47/00 (2006.01)  
H01M 10/42 (2006.01)  
H01M 10/46 (2006.01)  
H01R 11/28 (2006.01)  
H02J 7/00 (2006.01)  
(87) WO2018/024692  
(31) 15/224,608 (32) 31.07.16 (33) US  
(43) 08.02.2018  
(72) Dendy, Charles; Diana, Phillip; Weigensberg, Isaac; Cao, Kai; Cobler, Patrick J.; Butler, Paul  
(74) Spruson & Ferguson
- 
- (71) Philips Lighting Holding B.V.  
(11) AU-A-2017303125  
(21) 2017303125 (22) 11.07.2017  
(54) A device for location based services  
(51) Int. Cl.  
H04W 4/02 (2009.01)  
(87) WO2018/019563  
(31) 16181961.0 (32) 29.07.16 (33) EP  
(43) 01.02.2018  
(72) Verbrugh, Stefan Marcus; Van Der Vleuten, Rutger Franciscus Wilhelmus  
(74) FB Rice Pty Ltd
- 
- (71) Pindrop Security, Inc.  
(11) AU-A-2017306302  
(21) 2017306302 (22) 02.08.2017  
(54) Method and apparatus for threat identification through analysis of communications signaling, events, and participants

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

- (51) Int. Cl.  
**H04M 3/22** ( 2006.01 )  
**H04M 3/436** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )  
**H04M 7/00** ( 2006.01 )
- (87) WO2018/026912  
(31) 62/370,105 (32) 02.08.16 (33) US  
15/666,917 02.08.17 US
- (43) 08.02.2018  
(72) Douglas, Lance  
(74) Griffith Hack
- 
- (71) Ping An Technology (Shenzhen) Co.,Ltd.  
(11) AU-A-2017408801  
(21) 2017408801 (22) 31.10.2017  
(54) User keyword extraction device and method, and computer-readable storage medium
- (51) Int. Cl.  
**G06F 17/27** ( 2006.01 )  
**G06F 16/00** ( 2019.01 )
- (31) 2017107543144 (32) 29.08.17 (33) CN  
(43) 14.03.2019  
(72) Wu, ZhenYu; Liu, RuiKai; Wang, Jian-Ming; Xiao, Jing  
(74) Madderns Pty Ltd
- 
- (71) Polaris Industries Inc.  
(11) AU-A-2017308843  
(21) 2017308843 (22) 09.08.2017  
(54) Tracked all-terrain vehicle
- (51) Int. Cl.  
**B62D 55/06** ( 2006.01 )  
**B60L 50/10** ( 2019.01 )
- (87) WO2018/031606  
(31) 15/232,209 (32) 09.08.16 (33) US  
(43) 15.02.2018  
(72) Borud, Eric J.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Poseida Therapeutics, Inc.  
(11) AU-A-2017337147  
(21) 2017337147 (22) 02.10.2017  
(54) Modified stem cell memory T cells, methods of making and methods of using same
- (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/17** ( 2015.01 )
- (87) WO2018/064681  
(31) 62/502,508 (32) 05.05.17 (33) US  
62/556,309 08.09.17 US  
62/402,707 30.09.16 US  
62/553,058 31.08.17 US
- (43) 05.04.2018  
(72) Ostertag, Eric; Shedlock, Devon  
(74) Spruson & Ferguson
- 
- (71) PRC-DeSoto International, Inc.  
(11) AU-A-2017321079  
(21) 2017321079 (22) 17.03.2017  
(54) Curable film-forming compositions demonstrating increased wet-edge time
- (51) Int. Cl.  
**C09D 175/04** ( 2006.01 )  
**C08G 18/22** ( 2006.01 )
- C08G 18/40** ( 2006.01 )  
**C08G 18/79** ( 2006.01 )
- (87) WO2018/044351  
(31) 15/251,216 (32) 30.08.16 (33) US  
(43) 08.03.2018  
(72) Tang, Guangliang; Khudiakov, Mikhail  
(74) MINTER ELLISON
- 
- (71) President and Fellows of Harvard College  
(11) AU-A-2016421196  
(21) 2016421196 (22) 31.08.2016  
(54) Methods of whole genome digital amplification
- (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )
- (87) WO2018/039969  
(43) 08.03.2018  
(72) Xie, Xiaoliang Sunney; Xing, Dong; Chang, Chi-Han  
(74) Davies Collison Cave Pty Ltd
- 
- (71) PsiOxus Therapeutics Limited  
(11) AU-A-2017320776  
(21) 2017320776 (22) 29.08.2017  
(54) Adenovirus armed with bispecific T cell engager (BiTE)
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 35/761** ( 2015.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )
- (87) WO2018/041838  
(31) 1713765.4 (32) 28.08.17 (33) GB  
1614607.8 29.08.16 GB  
1706219.1 19.04.17 GB  
1700663.6 13.01.17 GB
- (43) 08.03.2018  
(72) Champion, Brian Robert; Bromley, Alice Claire Noel; Freedman, Joshua David; Fisher, Kerry David; Seymour, Leonard William  
(74) Baldwins Intellectual Property
- 
- (71) Qualcomm Incorporated  
(11) AU-A-2017330524  
(21) 2017330524 (22) 13.09.2017  
(54) Method and apparatus for adaptive threshold selection in OBSS packet power save
- (51) Int. Cl.  
**H04W 52/02** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
**H04W 84/12** ( 2009.01 )
- (87) WO2018/057363  
(31) 15/273,005 (32) 22.09.16 (33) US  
(43) 29.03.2018  
(72) Lu, Shao-Chi; Homchaudhuri, Sandip; Jia, Zhanfeng; Yenganti, Pradeep Kumar; Raissinia, Alireza  
(74) Spruson & Ferguson
- 
- (71) Qualcomm Incorporated  
(11) AU-A-2017339375  
(21) 2017339375 (22) 27.09.2017
- (54) Inter-ENB over-the-air calibration for reciprocity-based coordinated multipoint communications
- (51) Int. Cl.  
**H04B 17/30** ( 2015.01 )  
**H04B 7/024** ( 2017.01 )  
**H04B 17/11** ( 2015.01 )  
**H04L 25/02** ( 2006.01 )
- (87) WO2018/067353  
(31) 15/442,482 (32) 24.02.17 (33) US  
62/403,933 04.10.16 US
- (43) 12.04.2018  
(72) Yoo, Taesang; Vasudevan, Dinkar; Hosseini, Seyedkianoush; Sun, Jing; Zhang, Xiaoxia; Mallik, Siddhartha; Montojo, Juan  
(74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
(11) AU-A-2017340252  
(21) 2017340252 (22) 05.09.2017  
(54) Variable physical uplink control channel (PUCCH) signaling and transmission
- (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04B 7/02** ( 2018.01 )  
**H04W 72/04** ( 2009.01 )
- (87) WO2018/067257  
(31) 62/469,710 (32) 10.03.17 (33) US  
15/630,276 22.06.17 US  
62/405,789 07.10.16 US  
62/470,188 10.03.17 US
- (43) 12.04.2018  
(72) John Wilson, Makesh Pravin; Luo, Tao; Nagaraja, Sumeeth; Akkarakaran, Sony  
(74) Madderns Pty Ltd
- 
- (71) Raytheon Company  
(11) AU-A-2017340920  
(21) 2017340920 (22) 06.10.2017  
(54) Systems and methods for allocating antenna resources
- (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )
- (87) WO2018/067950  
(31) 62/405,116 (32) 06.10.16 (33) US  
(43) 12.04.2018  
(72) Duca, John E.; Fulcomer, James L.; Bryan, Jeffrey; Hausman, Peter  
(74) Davies Collison Cave Pty Ltd
- 
- (71) REMD Biotherapeutics, Inc.  
(11) AU-A-2017305502  
(21) 2017305502 (22) 03.08.2017  
(54) Combination of glucagon receptor antagonists and PI3K pathway inhibitors for the treatment of cancer
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2018/027084  
(31) 62/370,642 (32) 03.08.16 (33) US  
(43) 08.02.2018  
(72) Calzone, Frank J.  
(74) Shelston IP Pty Ltd.

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

- (71) Rensselaer Polytechnic Institute  
 (11) AU-A-2017324960  
 (21) 2017324960 (22) 07.09.2017  
 (54) Biosynthetic heparin  
 (51) Int. Cl.  
*C12N 9/10* ( 2006.01 )  
*C12P 19/04* ( 2006.01 )  
*C12P 19/64* ( 2006.01 )
- 
- (87) WO2018/048973  
 (31) 62/384,341 (32) 07.09.16 (33) US  
 (43) 15.03.2018  
 (72) Douaisi, Marc; Grover, Navdeep; Datta, Payel; Paskaleva, Elena; Lin, Lei; Brod-fuehrer, Paul; Simmons, Trevor J.; On-ishi, Akihiro; Hirakane, Makoto; Fu, Li; Li, Kevin; Linhardt, Robert J.; Dordick, Jonathan; Mori, Daisuke  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Rentaloc Besloten Vennootschap Met Beperkte Aansprakelijkheid  
 (11) AU-A-2017326765  
 (21) 2017326765 (22) 12.09.2017  
 (54) Railway traction vehicle with variable traction  
 (51) Int. Cl.  
*B60F 1/04* ( 2006.01 )  
 (87) WO2018/049488  
 (31) 2016/5693 (32) 13.09.16 (33) BE  
 (43) 22.03.2018  
 (72) Krols, Dirk  
 (74) Spruson & Ferguson
- 
- (71) Resolution Bioscience, Inc.  
 (11) AU-A-2017315769  
 (21) 2017315769 (22) 24.08.2017  
 (54) Methods for the detection of genomic copy changes in DNA samples  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*G16B 25/00* ( 2019.01 )  
*G16C 10/00* ( 2019.01 )  
 (87) WO2018/039463  
 (31) 62/481,538 (32) 04.04.17 (33) US  
 62/379,593 25.08.16 US  
 (43) 01.03.2018  
 (72) Raymond, Christopher K.; Lim, Lee P.; Hernandez, Jennifer  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Respivot Sciences GmbH  
 (11) AU-A-2017321495  
 (21) 2017321495 (22) 29.08.2017  
 (54) Cromolyn compositions for treatment of chronic cough due to idiopathic pulmonary fibrosis  
 (51) Int. Cl.  
*A61K 31/35* ( 2006.01 )  
*A61K 9/12* ( 2006.01 )  
*A61M 16/10* ( 2006.01 )  
*A61P 37/08* ( 2006.01 )  
 (87) WO2018/044942  
 (31) 62/381,914 (32) 31.08.16 (33) US  
 62/417,898 04.11.16 US  
 (43) 08.03.2018  
 (72) Gerhart, William; Tutuncu, Ahmet; Soni, Pravin  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
 (11) AU-A-2017327684  
 (21) 2017327684 (22) 14.09.2017  
 (54) QTL contributing to whitefly resistance in cucumis melo  
 (51) Int. Cl.  
*A01H 5/08* ( 2006.01 )  
*A01H 1/04* ( 2006.01 )  
*C12Q 1/68* ( 2006.01 )  
 (87) WO2018/050765  
 (31) PCT/ (32) 16.09.16 (33) EP  
 EP2016/071999  
 (43) 22.03.2018  
 (72) Huijbregts-Doorduyn, Lena Johanna; Gamm, Magdalena Barbara; Van Den Ende, Albertus Cornelius Maria; Van Elven, Johanna Evertje; Basnet, Ram Kumar  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
 (11) AU-A-2017327685  
 (21) 2017327685 (22) 14.09.2017  
 (54) Red vein endive plant  
 (51) Int. Cl.  
*A01H 5/12* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2018/050766  
 (31) 16189022.3 (32) 15.09.16 (33) EP  
 (43) 22.03.2018  
 (72) Den Boer, Erik; Van Rijn, Hetty Jean-nette  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
 (11) AU-A-2017335215  
 (21) 2017335215 (22) 29.09.2017  
 (54) Method for modifying the resistance profile of  
 (51) Int. Cl.  
*A01H 5/12* ( 2018.01 )  
*C12N 15/82* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
 (87) WO2018/060474  
 (31) PCT/ (32) 30.09.16 (33) EP  
 EP2016/001621  
 (43) 05.04.2018  
 (72) Kock, Vincent Laurens Adrianus; Feitsma, Johannes Geert Jan; Frijters, Raoul Jacobus Johannes Maria  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
 (11) AU-A-2017336340  
 (21) 2017336340 (22) 29.09.2017  
 (54) Peronospora resistance in spinacia oleracea  
 (51) Int. Cl.  
*A01H 5/12* ( 2018.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2018/060442
- 
- (31) PCT/ (32) 30.09.16 (33) EP  
 EP2016/001624  
 (43) 05.04.2018  
 (72) Kock, Vincent Laurens Adrianus; Frijters, Raoul Jacobus Johannes Maria; Feitsma, Johannes Geert Jan  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
 (11) AU-A-2017336343  
 (21) 2017336343 (22) 29.09.2017  
 (54) Peronospora resistance in spinacia oleracea  
 (51) Int. Cl.  
*A01H 5/12* ( 2018.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2018/060445  
 (31) PCT/ (32) 30.09.16 (33) EP  
 EP2016/073505  
 (43) 05.04.2018  
 (72) Kock, Vincent Laurens Adrianus; Feitsma, Johannes Geert Jan; Frijters, Raoul Jacobus Johannes Maria  
 (74) Shelston IP Pty Ltd.
- 
- (71) Rite-Hite Holding Corporation  
 (11) AU-A-2017324277  
 (21) 2017324277 (22) 05.09.2017  
 (54) Cooling systems for devices arranged in rows  
 (51) Int. Cl.  
*H05K 7/20* ( 2006.01 )  
*F24F 13/02* ( 2006.01 )  
 (87) WO2018/048804  
 (31) 15/261,280 (32) 09.09.16 (33) US  
 (43) 15.03.2018  
 (72) Sloan, Philip; Kaufmann, Nicholas L.; Gebke, Kevin J.; Heim, Frank  
 (74) WRAYS PTY LTD
- 
- (71) Robel Bahnbaumaschinen GmbH  
 (11) AU-A-2017332217  
 (21) 2017332217 (22) 21.08.2017  
 (54) Track-working machine which can be displaced manually on a track  
 (51) Int. Cl.  
*E01B 29/24* ( 2006.01 )  
*E01B 31/02* ( 2006.01 )  
 (87) WO2018/054519  
 (31) 20 2016 005 841.1 (32) 22.09.16 (33) DE  
 (43) 29.03.2018  
 (72) Widlroither, Otto  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Rosemount Inc.  
 (11) AU-A-2017337325  
 (21) 2017337325 (22) 26.06.2017  
 (54) Process transmitter isolation unit compensation  
 (51) Int. Cl.  
*G01L 19/04* ( 2006.01 )  
*G01L 13/02* ( 2006.01 )  
*G01L 19/00* ( 2006.01 )  
*G01L 19/14* ( 2006.01 )  
 (87) WO2018/063464

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

- (31) 15/279,609 (32) 29.09.16 (33) US  
(43) 05.04.2018  
(72) Rodeheffer, John Edward  
(74) Madderns Pty Ltd
- 
- (71) Royal Holloway and Bedford New College; York Instruments Ltd  
(11) AU-A-2017315215  
(21) 2017315215 (22) 13.07.2017  
(54) Superconducting device  
(51) Int. Cl.  
*G01R 33/035* (2006.01)  
(87) WO2018/037202  
(31) 1703472.9 (32) 03.03.17 (33) GB  
PCT/ 26.08.16 GB  
GB2016/052664  
(43) 01.03.2018  
(72) Petrashov, Victor Tikhonovich; Checkley, Christopher  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Saltech AG  
(11) AU-A-2017320928  
(21) 2017320928 (22) 01.09.2017  
(54) Projectile with penetrator  
(51) Int. Cl.  
*F42B 12/06* (2006.01)  
(87) WO2018/042000  
(31) 16187018.3 (32) 02.09.16 (33) EP  
(43) 08.03.2018  
(72) Stadelmann, Roger August  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Samsung Electronics Co., Ltd.  
(11) AU-A-2017320166  
(21) 2017320166 (22) 30.08.2017  
(54) Image streaming method and electronic device for supporting the same  
(51) Int. Cl.  
*H04N 21/4385* (2011.01)  
*G02B 27/22* (2018.01)  
*G06F 3/01* (2006.01)  
*H04N 21/2385* (2011.01)  
*H04N 21/2389* (2011.01)  
*H04N 21/442* (2011.01)  
*H04N 21/81* (2011.01)  
(87) WO2018/044073  
(31) 10-2016-0112872 (32) 01.09.16 (33) KR  
10-2017-0059526 12.05.17 KR  
(43) 08.03.2018  
(72) Hong, Seung Seok; Lee, Doo Woong; Park, Gwang Woo; Kim, Dong Woo; Kim, Sung Jin; Shin, Ho Chul; Lee, Sang Jun; Lee, Seung Bum; Yeom, Dong Hyun  
(74) Griffith Hack
- 
- (71) Samsung Electronics Co., Ltd.  
(11) AU-A-2017323374  
(21) 2017323374 (22) 06.09.2017  
(54) Apparatus and method for selecting cell in wireless communication system  
(51) Int. Cl.  
*H04W 48/20* (2009.01)  
*H04B 7/08* (2006.01)  
*H04W 16/28* (2009.01)  
*H04W 24/02* (2009.01)
- 
- (71) Samsung Electronics Co., Ltd.  
(11) AU-A-2017356712  
(21) 2017356712 (22) 30.10.2017  
(54) Beamforming antenna assembly including patterned mirror and vehicle side mirror assembly including the same  
(51) Int. Cl.  
*H01Q 3/26* (2006.01)  
*B60R 1/06* (2006.01)  
*B60R 1/12* (2006.01)  
*H01Q 1/42* (2006.01)  
(87) WO2018/088744  
(31) 10-2016-0181468 (32) 28.12.16 (33) KR  
62/420,644 11.11.16 US  
(43) 17.05.2018  
(72) Kim, Yoongeon; Ko, Seungtae; Yang, Taesik; Young, Juneyong  
(74) Griffith Hack
- 
- (71) Sangermano, P.; IFA International Fluid Association  
(11) AU-A-2017319402  
(21) 2017319402 (22) 25.08.2017  
(54) A device for generating compressed fluids  
(51) Int. Cl.  
*F03G 7/00* (2006.01)  
*G21B 1/05* (2006.01)  
*H05H 1/46* (2006.01)  
(87) WO2018/042258  
(31) 102016000089129 (32) 02.09.16 (33) IT  
(43) 08.03.2018  
(72) Sangermano, Paolo; Smorra, Ferdinando; Cirillo, Domenico  
(74) LAMINAR IP PTY LTD
- 
- (71) Sanofi Pasteur Vaxdesign Corp.  
(11) AU-A-2017325009  
(21) 2017325009 (22) 07.09.2017  
(54) In vitro neonatal biomimetic (NMIMIC) model and methods of using same  
(51) Int. Cl.  
*C12N 5/0781* (2010.01)  
*C12N 5/0783* (2010.01)  
*C12N 5/0784* (2010.01)  
*G01N 33/00* (2006.01)  
*G01N 33/50* (2006.01)  
(87) WO2018/048988  
(31) 62/384,897 (32) 08.09.16 (33) US  
(43) 15.03.2018  
(72) Gomes, Evan; Kamala, Tirumalai; Mosquera, Luis; Wittman, Vaughan; Warren, William; Moser, Janice; Drake, Donald  
(74) Shelston IP Pty Ltd.
- 
- (71) Satori Worldwide, LLC  
(11) AU-A-2017308733  
(21) 2017308733 (22) 04.08.2017
- 
- (71) Access control for message channels in a messaging system  
(51) Int. Cl.  
*H04L 12/58* (2006.01)  
(87) WO2018/031399  
(31) 15/231,044 (32) 08.08.16 (33) US  
(43) 15.02.2018  
(72) Walkin, Lev; Milyakov, Igor; Khabinov, Oleg; Demeshchuk, Dmitry  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Sawada, J.  
(11) AU-A-2017327757  
(21) 2017327757 (22) 01.09.2017  
(54) Catalytic combustion in low temperature, humid conditions  
(51) Int. Cl.  
*A62D 3/38* (2007.01)  
*B01D 53/86* (2006.01)  
*B01J 23/38* (2006.01)  
*B01J 47/00* (2006.01)  
(87) WO2018/049512  
(31) 62/437,036 (32) 20.12.16 (33) US  
62/395,378 16.09.16 US  
(43) 22.03.2018  
(72) Sawada, James  
(74) Adams Pluck
- 
- (71) Seattle Genetics, Inc.  
(11) AU-A-2017310436  
(21) 2017310436 (22) 09.08.2017  
(54) Drug conjugates with self-stabilizing linkers having improved physiochemical properties  
(51) Int. Cl.  
*C07D 207/36* (2006.01)  
*A61K 39/00* (2006.01)  
*C07K 5/062* (2006.01)  
(87) WO2018/031690  
(31) 62/372,455 (32) 09.08.16 (33) US  
(43) 15.02.2018  
(72) Moquist, Philip  
(74) Spruson & Ferguson
- 
- (71) Seminis Vegetable Seeds, Inc.  
(11) AU-A-2017321184  
(21) 2017321184 (22) 11.08.2017  
(54) Melon plants with improved traits  
(51) Int. Cl.  
*A01H 5/08* (2006.01)  
*C12N 15/82* (2006.01)  
(87) WO2018/044529  
(31) 62/381,469 (32) 30.08.16 (33) US  
(43) 08.03.2018  
(72) Andres, Susana Garcia; Bachlava, Eleni; Cuestas-Marcos, Alfonso; Durham, Kelli M.; Joobeur, Tarek; Mills, Jeffrey M.; Morgan, Robyn L.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Sera Prognostics, Inc.  
(11) AU-A-2017307584  
(21) 2017307584 (22) 04.08.2017  
(54) Biomarkers for predicting preterm birth due to preterm premature rupture of

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

- membranes versus idiopathic spontaneous labor
- (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C40B 40/10** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )
- (87) WO2018/027171
- (31) 62/371,666 (32) 05.08.16 (33) US  
 62/449,862 24.01.17 US
- (43) 08.02.2018
- (72) Boniface, John Jay; Burchard, Julja; Critchfield, Greg Charles; Fleischer, Tracey Cristine; Hickok, Durlin Edward; Hsu, Chien
- (74) FB Rice Pty Ltd
- 
- (71) Shanghai Green Valley Pharmaceutical Co., Ltd.
- (11) AU-A-2016420064
- (21) 2016420064 (22) 15.08.2016
- (54) Method for preparing oligomeric mannanuronic diacid
- (51) Int. Cl.  
**C07H 1/00** ( 2006.01 )  
**C07H 7/033** ( 2006.01 )
- (87) WO2018/032272
- (43) 22.02.2018
- (72) Xiao, Zhongping; Zhang, Zhenqing; Geng, Meiyu; Ding, Jian
- (74) Davies Collison Cave Pty Ltd
- 
- (71) Shanghai Institute of Materia Medica, Chinese Academy of Sciences
- (11) AU-A-2017319764
- (21) 2017319764 (22) 24.08.2017
- (54) Aryl-2,2'-tandem bithiazole compound and preparation method and use thereof
- (51) Int. Cl.  
**C07D 417/04** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )
- (87) WO2018/041004
- (31) 201610786392.8 (32) 31.08.16 (33) CN
- (43) 08.03.2018
- (72) Nan, Fajun; Li, Jia; Ding, Jian; Geng, Meiyu; Zhang, Yangming; Chen, Yi; Zhou, Yubo; Gong, Chaojun; Su, Mingbo; Gao, Anhui
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Shanghai Yingli Pharmaceutical Co., Ltd
- (11) AU-A-2017302959
- (21) 2017302959 (22) 06.07.2017
- (54) Nitrogenous heterocyclic aromatic compound, preparation method therefor, pharmaceutical composition thereof, and application thereof
- (51) Int. Cl.  
**C07D 401/10** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )
- (87) WO2018/026930
- (31) 62/454,926 (32) 06.02.17 (33) US  
 15/666,521 01.08.17 US  
 62/370,401 03.08.16 US
- (43) 08.02.2018
- (72) Sheldon-Coulson, Garth Alexander; Moffat, Brian
- (74) In-Legal Limited
- 
- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited
- (11) AU-A-2017316222
- (21) 2017316222 (22) 25.07.2017
- (54) Wireless telecommunications methods and apparatus using system information value tag
- (51) Int. Cl.  
**H04H 20/28** ( 2008.01 )  
**G06F 21/43** ( 2013.01 )  
**H04B 1/38** ( 2006.01 )
- (87) WO2018/038842
- (31) 62/378,562 (32) 23.08.16 (33) US
- (43) 01.03.2018
- (72) Ishii, Atsushi
- (74) Davies Collison Cave Pty Ltd
- 
- (71) Shedrain Corporation
- (11) AU-A-2017313652
- (21) 2017313652 (22) 20.01.2017
- (54) Umbrella having an anti-inversion mechanism
- (51) Int. Cl.  
**A45B 9/00** ( 2006.01 )  
**A45B 25/00** ( 2006.01 )  
**A45B 25/02** ( 2006.01 )  
**A45B 25/06** ( 2006.01 )  
**A45B 25/08** ( 2006.01 )  
**A45B 25/22** ( 2006.01 )
- (87) WO2018/034691
- (31) 62/423,708 (32) 17.11.16 (33) US  
 62/377,042 19.08.16 US
- (43) 22.02.2018
- (72) Haythornthwaite, David; Haythornthwaite, Andrew
- (74) James & Wells Intellectual Property
- 
- (71) Sheldon-Coulson, G.; Moffat, B.
- (11) AU-A-2017306409
- (21) 2017306409 (22) 02.08.2017
- (54) Mooring system for drifting energy converters
- (51) Int. Cl.  
**F03B 13/18** ( 2006.01 )  
**F03B 13/10** ( 2006.01 )  
**F03B 13/12** ( 2006.01 )  
**F03B 13/16** ( 2006.01 )  
**F03B 13/20** ( 2006.01 )  
**F21S 9/04** ( 2006.01 )
- (87) WO2018/026930
- (31) 62/454,926 (32) 06.02.17 (33) US  
 15/666,521 01.08.17 US  
 62/370,401 03.08.16 US
- (43) 08.02.2018
- (72) Sheldon-Coulson, Garth Alexander; Moffat, Brian
- (74) In-Legal Limited
- 
- (71) Shibaura Institute of Technology; JX Nippon Mining & Metals Corporation
- (11) AU-A-2017327619
- (21) 2017327619 (22) 15.09.2017
- (54) Peptide binding to arsenic-containing mineral and use thereof
- (51) Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**B03D 1/00** ( 2006.01 )  
**C22B 1/11** ( 2006.01 )
- (87) WO2018/052134
- (31) 2016-180624 (32) 15.09.16 (33) JP  
 2017-039617 02.03.17 JP
- (43) 22.03.2018
- (72) Yamashita, Mitsuo; Miura, Akira
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Siemens Aktiengesellschaft
- (11) AU-A-2017329370
- (21) 2017329370 (22) 16.08.2017
- (54) Selective electrochemical hydrogenation of alkynes to alkenes
- (51) Int. Cl.  
**C25B 3/04** ( 2006.01 )  
**C25B 11/03** ( 2006.01 )
- (87) WO2018/054612
- (31) 10 2016 218 230.7 (32) 22.09.16 (33) DE
- (43) 29.03.2018
- (72) Schmid, Bernhard; Schmid, Günter; Reller, Christian
- (74) Spruson & Ferguson
- 
- (71) Sigvaris AG
- (11) AU-A-2017320908
- (21) 2017320908 (22) 31.08.2017
- (54) Compression and/or contention item, pair of items, system and method for managing the wearing of an item
- (51) Int. Cl.  
**G06F 16/00** ( 2019.01 )
- (87) WO2018/041980
- (31) 1658117 (32) 01.09.16 (33) FR
- (43) 08.03.2018
- (72) Grenier, Etienne; Mesmin, Coline
- (74) Spruson & Ferguson
- 
- (71) Silk Technologies, Ltd.
- (11) AU-A-2017310520
- (21) 2017310520 (22) 12.08.2017
- (54) Silk-derived protein for treating inflammation
- (51) Int. Cl.  
**A61F 2/14** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/42** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )
- (87) WO2018/031973
- (31) 62/467,697 (32) 06.03.17 (33) US  
 62/407,863 13.10.16 US  
 62/374,532 12.08.16 US
- (43) 15.02.2018
- (72) Lawrence, Brian D.; Infanger, David W.
- (74) Origin Patent and Trade Mark Attorneys

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

- (71) Soares, C.J.  
 (11) AU-A-2017319512  
 (21) 2017319512 (22) 30.08.2017  
 (54) Use of CGRP receptor antagonists in neuroprotection and neurological disorders  
 (51) Int. Cl.  
*A61K 38/17* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 27/06* ( 2006.01 )  
 (87) WO2018/045083  
 (31) 62/383,334 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (72) Soares, Christopher J.  
 (74) Michael Buck IP
- 
- (71) Solar Sailor Pty Ltd  
 (11) AU-A-2017322091  
 (21) 2017322091 (22) 20.07.2017  
 (54) Mast base assembly  
 (51) Int. Cl.  
*B63B 15/00* ( 2006.01 )  
*B63H 9/06* ( 2006.01 )  
 (87) WO2018/039705  
 (31) 2016903440 (32) 30.08.16 (33) AU  
 (43) 08.03.2018  
 (72) Dane, Robert; Johnston, Graeme  
 (74) Clark Intellectual Property Pty Ltd
- 
- (71) Soreq Nuclear Research Center; Security Matters Ltd.  
 (11) AU-A-2017319785  
 (21) 2017319785 (22) 29.08.2017  
 (54) Method for marking and authenticating diamonds and precious stones  
 (51) Int. Cl.  
*G01N 23/223* ( 2006.01 )  
*B23K 26/00* ( 2006.01 )  
*G01B 11/02* ( 2006.01 )  
*G01N 21/87* ( 2006.01 )  
*G06F 16/00* ( 2019.01 )  
*G06K 19/06* ( 2006.01 )  
 (87) WO2018/042427  
 (31) 62/381,243 (32) 30.08.16 (33) US  
 (43) 08.03.2018  
 (72) Grof, Yair; Kislev, Tzemach; Yoran, Nadav; Alon, Haggai; Kaplinsky, Mor  
 (74) Collison & Co
- 
- (71) South China University of Technology  
 (11) AU-A-2016422576  
 (21) 2016422576 (22) 06.12.2016  
 (54) Multivariable public key signature system and method  
 (51) Int. Cl.  
*H04L 9/32* ( 2006.01 )  
 (87) WO2018/045647  
 (31) 201610815728.9 (32) 09.09.16 (33) CN  
 (43) 15.03.2018  
 (72) Tang, Shaohua; Peng, Zhiniang; Chen, Ju  
 (74) Madderns Pty Ltd
- 
- (71) Spark Therapeutics, Inc.; The Children's Hospital of Philadelphia  
 (11) AU-A-2017318717  
 (21) 2017318717 (22) 01.09.2017
- 
- (71) Methods and vectors for treating CNS disorders  
 (51) Int. Cl.  
*A61K 38/46* ( 2006.01 )  
*A61K 38/48* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
 (87) WO2018/045347  
 (31) 62/383,274 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (72) High, Katherine A.; Davidson, Beverly L.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SPDI Holdings, Inc.  
 (11) AU-A-2017341062  
 (21) 2017341062 (22) 06.10.2017  
 (54) Diffusing apparatus and methods  
 (51) Int. Cl.  
*A61L 9/12* ( 2006.01 )  
*A61L 9/013* ( 2006.01 )  
 (87) WO2018/068007  
 (31) 15/287,733 (32) 06.10.16 (33) US  
 15/727,238 06.10.17 US  
 (43) 12.04.2018  
 (72) Pitcher, Stephen N.  
 (74) Peter Maxwell & Associates
- 
- (71) SPR Therapeutics, LLC  
 (11) AU-A-2017315473  
 (21) 2017315473 (22) 28.08.2017  
 (54) Devices and methods for delivery of electrical current for pain relief  
 (51) Int. Cl.  
*A61N 1/00* ( 2006.01 )  
*A61N 1/04* ( 2006.01 )  
*A61N 1/05* ( 2006.01 )  
*A61N 1/08* ( 2006.01 )  
*A61N 1/16* ( 2006.01 )  
*A61N 1/18* ( 2006.01 )  
*A61N 1/20* ( 2006.01 )  
 (87) WO2018/039670  
 (31) 62/380,097 (32) 26.08.16 (33) US  
 (43) 01.03.2018  
 (72) Boggs, Joseph W.; Wongsampigoon, Amorn; Debock, Matthew G.; Crosby, Nathan  
 (74) Peter Maxwell & Associates
- 
- (71) Stryker European Holdings I, LLC  
 (11) AU-A-2017325871  
 (21) 2017325871 (22) 15.09.2017  
 (54) Tip for an ultrasonic surgical tool with case hardened cutting edges and method of making same  
 (51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
 (87) WO2018/053223  
 (31) 62/395,764 (32) 16.09.16 (33) US  
 (43) 22.03.2018  
 (72) Pretorius, Neels; Manley, Kevin; Nunan, Gerard; Monzon, Lorena  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sun Scientific, Inc.  
 (11) AU-A-2017325804  
 (21) 2017325804 (22) 23.08.2017  
 (54) Therapeutic compression apparatus and methods of use  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )  
 (87) WO2018/052676  
 (31) 62/378,581 (32) 23.08.16 (33) US  
 (43) 22.03.2018  
 (72) Ravikumar, Sundaram; Ravikumar, Vikram; Osborne, Guy; Nolan, Timothy  
 (74) FB Rice Pty Ltd
- 
- (71) Swift Biosciences, Inc.  
 (11) AU-A-2017324946  
 (21) 2017324946 (22) 06.09.2017  
 (54) Normalization of NGS library concentration  
 (51) Int. Cl.  
*C12N 15/10* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
 (87) WO2018/048957  
 (31) 62/384,118 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (72) Makarov, Vladimir; Chupreta, Sergey  
 (74) Spruson & Ferguson
- 
- (71) Swinburne University of Technology  
 (11) AU-A-2017320331  
 (21) 2017320331 (22) 29.08.2017  
 (54) Capacitors, electrodes, reduced graphene oxide and methods and apparatuses of manufacture  
 (51) Int. Cl.  
*H01L 21/26* ( 2006.01 )  
*H01L 21/28* ( 2006.01 )  
*H01L 21/3213* ( 2006.01 )  
 (87) WO2018/039710  
 (31) 2016903449 (32) 30.08.16 (33) AU  
 (43) 08.03.2018  
 (72) Lin, Han; Jia, Baohua  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Syngenta Participations AG  
 (11) AU-A-2017326232  
 (21) 2017326232 (22) 05.09.2017  
 (54) Plant growth regulator compounds  
 (51) Int. Cl.  
*C07D 407/12* ( 2006.01 )  
*A01N 31/00* ( 2006.01 )  
*A01N 33/00* ( 2006.01 )  
*C07D 207/02* ( 2006.01 )  
*C07D 307/33* ( 2006.01 )  
*C07D 409/12* ( 2006.01 )  
 (87) WO2018/050477  
 (31) 1615544.2 (32) 13.09.16 (33) GB  
 (43) 22.03.2018  
 (72) Lumbroso, Alexandre Franco Jean Camille; De Mesmaeker, Alain; Screpanti, Claudio; Rendine, Stefano  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) T.J.Smith and Nephew, Limited  
 (11) AU-A-2017311638  
 (21) 2017311638 (22) 18.08.2017

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

- (54) Reduced pressure therapy systems and methods for monitoring patient movement
- (51) Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )
- (87) WO2018/033794  
(31) 62/377,418 (32) 19.08.16 (33) US  
62/423,441 17.11.16 US  
(43) 22.02.2018  
(72) Greener, Bryan; Hartwell, Edward Yerbury; Quintanar, Felix C.  
(74) Patent Attorney Services
- 
- (71) Takeda Vaccines, Inc.; Takeda Pharmaceutical Company Limited  
(11) AU-A-2017318714  
(21) 2017318714 (22) 01.09.2017  
(54) Methods for producing virus for vaccine production  
(51) Int. Cl.  
**C07K 14/085** ( 2006.01 )  
**A61K 39/125** ( 2006.01 )  
**A61K 39/13** ( 2006.01 )  
**C07K 14/105** ( 2006.01 )  
**C12N 7/02** ( 2006.01 )
- (87) WO2018/045344  
(31) 62/382,621 (32) 01.09.16 (33) US  
(43) 08.03.2018  
(72) Rao, Raman; Sato, Tatsuki; Oda, Kaori; Nakamura, Kuniaki; Nishihama, Takeshi  
(74) Griffith Hack
- 
- (71) TCR2 Therapeutics Inc.  
(11) AU-A-2017306432  
(21) 2017306432 (22) 02.08.2017  
(54) Compositions and methods for TCR reprogramming using fusion proteins  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )
- (87) WO2018/026953  
(31) 62/370,189 (32) 02.08.16 (33) US  
(43) 08.02.2018  
(72) Baeuerle, Patrick; Sieczkiewicz, Gregory; Hofmeister, Robert  
(74) FB Rice Pty Ltd
- 
- (71) Technip France  
(11) AU-A-2017328982  
(21) 2017328982 (22) 12.09.2017  
(54) Method of installing an in-line structure in a pipeline  
(51) Int. Cl.  
**F16L 1/20** ( 2006.01 )
- (87) WO2018/051190  
(31) 1615835.4 (32) 16.09.16 (33) GB  
(43) 22.03.2018  
(72) Chalmers, Martin; Tkaczyk, Tomasz  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Technip France  
(11) AU-A-2017328983  
(21) 2017328983 (22) 12.09.2017  
(54) Method of installing an in-line structure in a pipeline
- (51) Int. Cl.  
**F16L 1/20** ( 2006.01 )
- (87) WO2018/051191  
(31) 1615841.2 (32) 16.09.16 (33) GB  
(43) 22.03.2018  
(72) Chalmers, Martin; Tkaczyk, Tomasz  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Telefonaktiebolaget LM Ericsson (PUBL)  
(11) AU-A-2017338030  
(21) 2017338030 (22) 29.09.2017  
(54) Methods and devices for reference signal transmission and measurement  
(51) Int. Cl.  
**H04W 36/00** ( 2009.01 )  
**H04W 24/10** ( 2009.01 )
- (87) WO2018/063074  
(31) PCT/CN2016/101291 (32) 30.09.16 (33) CN  
(43) 05.04.2018  
(72) Lu, Qianxi; Wang, Jianfeng; Zhang, Zhan; Zhu, Huaisong  
(74) Baldwins Intellectual Property
- 
- (71) Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
(11) AU-A-2017324903  
(21) 2017324903 (22) 08.09.2017  
(54) Bimodal polyethylene composition and pipe comprising the same  
(51) Int. Cl.  
**C08F 2/00** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )
- (87) WO2018/046668  
(31) 16188326.9 (32) 12.09.16 (33) EP  
(43) 15.03.2018  
(72) Suchao-In, Natthaporn; Klomkamol, Warachad; Samphawamontri, Patcharin  
(74) Davies Collison Cave Pty Ltd
- 
- (71) The Coca-Cola Company  
(11) AU-A-2017313039  
(21) 2017313039 (22) 15.08.2017  
(54) Selecting and dispensing blended beverages from a post-mix beverage dispenser  
(51) Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
**B67D 7/08** ( 2010.01 )  
**G07F 13/06** ( 2006.01 )
- (87) WO2018/035113  
(31) 62/375,390 (32) 15.08.16 (33) US  
(43) 22.02.2018  
(72) Schwarzbar, Joshua; Kim, Kyusang; Cuppari, Scott; Harrison, Scott; Chang, Franchot; Patel, Hitesh  
(74) FB Rice Pty Ltd
- 
- (71) The Johns Hopkins University  
(11) AU-A-2017318678  
(21) 2017318678 (22) 31.08.2017  
(54) MIF inhibitors and methods of use thereof  
(51) Int. Cl.
- A61P 25/00** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )
- (87) WO2018/045250  
(31) 62/383,209 (32) 02.09.16 (33) US  
(43) 08.03.2018  
(72) Dawson, Ted M.; Dawson, Valina L.; Wang, Yingfei; Park, Hyejin; Liu, Jun; Peng, Hanjing  
(74) WRAYS PTY LTD
- 
- (71) The Methodist Hospital System  
(11) AU-A-2017324860  
(21) 2017324860 (22) 06.09.2017  
(54) PD-1 specific aptamers  
(51) Int. Cl.  
**A61P 37/02** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/115** ( 2010.01 )
- (87) WO2018/048888  
(31) 62/383,952 (32) 06.09.16 (33) US  
(43) 15.03.2018  
(72) Thangavelu Devaraj, Santhana Gowri; Iyer, Swaminathan P.  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The Regents of the University of California  
(11) AU-A-2017314836  
(21) 2017314836 (22) 25.08.2017  
(54) Hair follicle stem cell activation and hair growth  
(51) Int. Cl.  
**A61K 8/98** ( 2006.01 )  
**A61Q 7/00** ( 2006.01 )
- (87) WO2018/039615  
(31) 62/380,205 (32) 26.08.16 (33) US  
(43) 01.03.2018  
(72) Lowry, William  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The Regents of the University of California; Voyager Therapeutics, Inc.  
(11) AU-A-2017321488  
(21) 2017321488 (22) 29.08.2017  
(54) Methods for biomedical targeting and delivery and devices and systems for practicing the same  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/055** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1455** ( 2006.01 )  
**A61B 6/03** ( 2006.01 )  
**A61B 6/04** ( 2006.01 )  
**A61B 10/02** ( 2006.01 )
- (87) WO2018/044933  
(31) 62/381,423 (32) 30.08.16 (33) US  
(43) 08.03.2018  
(72) Bankiewicz, Krystof S.; Rosenbluth, Kathryn H.; Kells, Adrian P.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Thermofluidics Limited  
(11) AU-A-2017319230



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

- (43) 19.04.2018  
 (72) Ginger, Rebecca Susan; Pople, Jennifer Elizabeth  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Unit Solutions, Inc.  
 (11) AU-A-2017321499  
 (21) 2017321499 (22) 29.08.2017  
 (54) Non-lethal gas operated gun  
 (51) Int. Cl.  
*F41B 11/50* ( 2013.01 )  
*F41B 11/56* ( 2013.01 )  
*F41B 11/62* ( 2013.01 )  
*F41B 11/722* ( 2013.01 )
- (87) WO2018/044950  
 (31) 15/690,179 (32) 29.08.17 (33) US  
 62/380,947 29.08.16 US  
 (43) 08.03.2018  
 (72) Sandgren, Glenn; Tobon, Juan D.; Leon, Nathaniel Jacob; Blodgett, Christopher; Luby, Daniel; Miller, Charles  
 (74) Shelston IP Pty Ltd.
- 
- (71) University of Canberra  
 (11) AU-A-2017323868  
 (21) 2017323868 (22) 07.09.2017  
 (54) Lysine specific histone demethylase-1 inhibitors and uses therefor  
 (51) Int. Cl.  
*A61K 38/43* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (87) WO2018/045422  
 (31) 2016903602 (32) 07.09.16 (33) AU  
 (43) 15.03.2018  
 (72) Rao, Sudha; Milburn, Peter  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) University Of Maryland; PaverGuide, Inc.  
 (11) AU-A-2017310540  
 (21) 2017310540 (22) 14.08.2017  
 (54) High permeability media mix (HPMM) for phosphorous and nitrogen removal from contaminated waters  
 (51) Int. Cl.  
*C02F 1/28* ( 2006.01 )  
*B01J 20/00* ( 2006.01 )  
*B01J 20/02* ( 2006.01 )  
*B01J 20/28* ( 2006.01 )  
*C02F 1/00* ( 2006.01 )
- (87) WO2018/032019  
 (31) 62/374,583 (32) 12.08.16 (33) US  
 (43) 15.02.2018  
 (72) Davis, Allen P.; Ostrom, Travis; White, Charles  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) University of Rochester  
 (11) AU-A-2017313733  
 (21) 2017313733 (22) 16.08.2017  
 (54) Pharmaceutical composition containing polymyxin B/trimethoprim based therapeutics  
 (51) Int. Cl.  
*A61K 31/395* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )
- A61K 31/505* ( 2006.01 )  
*A61K 31/7036* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )
- (87) WO2018/035183  
 (31) 62/489,535 (32) 25.04.17 (33) US  
 62/375,720 16.08.16 US  
 (43) 22.02.2018  
 (72) Dunman, Paul M.; Wozniak, Rachel  
 (74) FB Rice Pty Ltd
- 
- (71) University of South Florida  
 (11) AU-A-2017322708  
 (21) 2017322708 (22) 12.09.2017  
 (54) Neuroregeneration improved by ketone  
 (51) Int. Cl.  
*C07C 59/01* ( 2006.01 )  
*A61K 31/22* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07C 69/72* ( 2006.01 )
- (87) WO2018/049383  
 (31) 62/393,233 (32) 12.09.16 (33) US  
 (43) 15.03.2018  
 (72) Ari D'Agostino, Csilla; D'Agostino, Dominic Paul  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) University Of Ulsan Foundation For Industry Cooperation  
 (11) AU-A-2017306501  
 (21) 2017306501 (22) 04.08.2017  
 (54) Device and method for diagnosing blood circulation disturbance  
 (51) Int. Cl.  
*A61B 5/0285* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )
- (87) WO2018/026243  
 (31) 10-2016-0100266 (32) 05.08.16 (33) KR  
 (43) 08.02.2018  
 (72) Leem, Chae Hun  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Valo Therapeutics Oy  
 (11) AU-A-2017337753  
 (21) 2017337753 (22) 06.09.2017  
 (54) Non-genetic modification of enveloped viruses  
 (51) Int. Cl.  
*C12N 7/00* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )
- (87) WO2018/059896  
 (31) 1616365.1 (32) 27.09.16 (33) GB  
 (43) 05.04.2018  
 (72) Cerullo, Vincenzo; Capasso, Cristian; Ylosmaki, Erkki  
 (74) Adams Pluck
- 
- (71) Van Oossanen & Associates B.V.  
 (11) AU-A-2017314715  
 (21) 2017314715 (22) 24.08.2017  
 (54) Vessel for operating on a body of water, comprising an aft foil for generating a thrust force and adjustment means for adjusting an angle of incidence of the aft foil  
 (51) Int. Cl.  
*B63B 1/08* ( 2006.01 )
- B63B 1/04* ( 2006.01 )  
*B63B 1/24* ( 2006.01 )  
*B63B 1/28* ( 2006.01 )  
*B63B 1/32* ( 2006.01 )  
*B63B 1/40* ( 2006.01 )  
*B63B 39/06* ( 2006.01 )  
*B63H 19/00* ( 2006.01 )
- (87) WO2018/038611  
 (31) 2017379 (32) 26.08.16 (33) NL  
 (43) 01.03.2018  
 (72) Van Oossanen, Pieter  
 (74) AJ PARK
- 
- (71) Veloso Arancibia, L.  
 (11) AU-A-2016416657  
 (21) 2016416657 (22) 29.07.2016  
 (54) Device that absorbs zero-sequence harmonics in low-voltage electricity distribution networks  
 (51) Int. Cl.  
*H02J 3/01* ( 2006.01 )
- (87) WO2018/018169  
 (43) 01.02.2018  
 (72) Veloso Arancibia, Luis Alejandro  
 (74) AJ PARK
- 
- (71) Veratin Pty Ltd  
 (11) AU-A-2017317798  
 (21) 2017317798 (22) 14.08.2017  
 (54) Organic fertiliser and soil improver comprising keratin  
 (51) Int. Cl.  
*C05F 1/00* ( 2006.01 )
- (87) WO2018/039698  
 (31) 2016903498 (32) 01.09.16 (33) AU  
 (43) 08.03.2018  
 (72) Boulou, Ramiz  
 (74) Lord & Company
- 
- (71) Vermeer Manufacturing Company  
 (11) AU-A-2017322741  
 (21) 2017322741 (22) 12.09.2017  
 (54) Transfer systems for receiving and conveying material  
 (51) Int. Cl.  
*B65G 15/30* ( 2006.01 )  
*B65G 15/00* ( 2006.01 )  
*B65G 15/04* ( 2006.01 )  
*B65G 15/42* ( 2006.01 )  
*B65G 15/44* ( 2006.01 )  
*B65G 17/06* ( 2006.01 )
- (87) WO2018/049409  
 (31) 62/393,151 (32) 12.09.16 (33) US  
 62/452,706 31.01.17 US  
 (43) 15.03.2018  
 (72) Storm, Brandon; Meyer, Nathan; Anderson, Gregory; Terry, Markus; Seibert, Joshua  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ViaSat, Inc.  
 (11) AU-A-2017345760  
 (21) 2017345760 (22) 20.10.2017  
 (54) Ground-based beamformed communications using mutually synchronized spatially multiplexed feeder links  
 (51) Int. Cl.

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

**H04B 7/185** ( 2006.01 )  
**H04B 7/204** ( 2006.01 )  
**(87)** WO2018/075962  
**(31)** 62/411,377 **(32)** 21.10.16 **(33)** US  
**(43)** 26.04.2018  
**(72)** Buer, Kenneth; Pateros, Charles; Ralston, William  
**(74)** Adams Pluck

**(71)** Vitae Pharmaceuticals, Inc.  
**(11)** AU-A-2017326006  
**(21)** 2017326006 **(22)** 15.09.2017  
**(54)** Inhibitors of the menin-MLL interaction  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2018/053267  
**(31)** 62/395,618 **(32)** 16.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Cacatian, Salvacion; Claremon, David A.; Dong, Chengguo; Fan, Yi; Jia, Lanqi; Lotesta, Stephen D.; Singh, Suresh B.; Venkatraman, Shankar; Yuan, Jing; Zheng, Yajun; Zhuang, Linghang  
**(74)** Spruson & Ferguson

**(71)** Viviers, D.  
**(11)** AU-A-2017302676  
**(21)** 2017302676 **(22)** 21.07.2017  
**(54)** Pipeline-inspecting device  
**(51)** Int. Cl.  
**F16L 55/26** ( 2006.01 )  
**F16L 55/28** ( 2006.01 )  
**F17D 5/02** ( 2006.01 )  
**G01M 3/16** ( 2006.01 )  
**G01M 3/18** ( 2006.01 )  
**G01M 3/40** ( 2006.01 )  
**G01N 27/00** ( 2006.01 )  
**F16L 101/30** ( 2006.01 )  
**(87)** WO2018/023140  
**(31)** 2016/05227 **(32)** 27.07.16 **(33)** ZA  
**(43)** 01.02.2018  
**(72)** Viviers, Dennis Frederick  
**(74)** MEYER WEST IP PTY LTD

**(71)** Wang, S.  
**(11)** AU-A-2018271146  
**(21)** 2018271146 **(22)** 17.05.2018  
**(54)** Loadbinders and overload indicators  
**(51)** Int. Cl.  
**B60P 7/08** ( 2006.01 )  
**(87)** WO2018/209392  
**(31)** 2017901876 **(32)** 18.05.17 **(33)** AU  
 2018900361 06.02.18 AU  
 2017904498 06.11.17 AU  
**(43)** 22.11.2018  
**(72)** Wang, Shang An  
**(74)** Adams Pluck

**(71)** Weatherford Technology Holdings, LLC  
**(11)** AU-A-2017334854  
**(21)** 2017334854 **(22)** 22.09.2017  
**(54)** Downhole packer element with propped element spacer  
**(51)** Int. Cl.

**E21B 33/12** ( 2006.01 )  
**(87)** WO2018/063926  
**(31)** 15/276,974 **(32)** 27.09.16 **(33)** US  
**(43)** 05.04.2018  
**(72)** Rothen, James A.  
**(74)** Spruson & Ferguson

**(71)** Webser, G.; Keron, N.  
**(11)** AU-A-2017332524  
**(21)** 2017332524 **(22)** 19.09.2017  
**(54)** Automatic car trailer hitching and un-hitching system  
**(51)** Int. Cl.  
**B60D 1/06** ( 2006.01 )  
**B60D 1/36** ( 2006.01 )  
**(87)** WO2018/055321  
**(31)** 1616253.9 **(32)** 24.09.16 **(33)** GB  
 1712247.4 31.07.17 GB  
**(43)** 29.03.2018  
**(72)** Webster, Gary; Keron, Neil  
**(74)** NEIL ALEXANDER KERON

**(71)** WESTFALIA-Automotive GmbH  
**(11)** AU-A-2017322251  
**(21)** 2017322251 **(22)** 08.09.2017  
**(54)** Trailer coupling with a coupling arm  
**(51)** Int. Cl.  
**B60D 1/06** ( 2006.01 )  
**(87)** WO2018/046658  
**(31)** 10 2016 117 017.8 **(32)** 09.09.16 **(33)** DE  
**(43)** 15.03.2018  
**(72)** Angermann, Kay; Becker, Florian; Gross, Waldemar; Kleinhans, Björn; Weiner, Marc  
**(74)** FB Rice Pty Ltd

**(71)** Whitehead Institute For Biomedical Research  
**(11)** AU-A-2017313912  
**(21)** 2017313912 **(22)** 18.08.2017  
**(54)** Methods of editing DNA methylation  
**(51)** Int. Cl.  
**C12N 15/55** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 38/46** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2018/035495  
**(31)** 62/377,520 **(32)** 19.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Jaenisch, Rudolf; Liu, X. Shawn; Wu, Hao  
**(74)** Shelston IP Pty Ltd.

**(71)** Xcell Medical Solutions, S.L.  
**(11)** AU-A-2017330079  
**(21)** 2017330079 **(22)** 25.09.2017  
**(54)** Cell therapy with polarized macrophages for tissue regeneration  
**(51)** Int. Cl.  
**C12N 5/0786** ( 2010.01 )  
**(87)** WO2018/055153  
**(31)** 16382443.6 **(32)** 23.09.16 **(33)** EP

**(43)** 29.03.2018  
**(72)** Hotter Corripio, María Georgina; Sola Martínez, Ana María; Martín Cordero, Jorge Vicente; García De La Riva Mestre, Pablo; Domínguez Sánchez, Rubén; Sánchez Moreno, Jaime; Ginesta Buch, Xavier; Rodríguez García, Anna; Castillo García, Adrián  
**(74)** Wallington-Dummer

**(71)** Xintela AB  
**(11)** AU-A-2017314151  
**(21)** 2017314151 **(22)** 17.08.2017  
**(54)** Marker for neural stem cells  
**(51)** Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**A61K 35/12** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**G01N 15/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )

**(87)** WO2018/033596  
**(31)** 1651107-3 **(32)** 17.08.16 **(33)** SE  
**(43)** 22.02.2018  
**(72)** Lundgren Åkerlund, Evy; Chmielarska Masoumi, Katarzyna  
**(74)** FB Rice Pty Ltd

**(71)** Yale University  
**(11)** AU-A-2017319325  
**(21)** 2017319325 **(22)** 30.08.2017  
**(54)** Micromas as biomarkers for endometriosis  
**(51)** Int. Cl.  
**A61K 31/7105** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(87)** WO2018/044979  
**(31)** 62/381,130 **(32)** 30.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Taylor, Hugh  
**(74)** FB Rice Pty Ltd

**(71)** Y-Biologics Inc.  
**(11)** AU-A-2017306506  
**(21)** 2017306506 **(22)** 07.08.2017  
**(54)** Novel antibody against programmed cell death protein (PD-1), and use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2018/026248  
**(31)** 10-2017-0099672 **(32)** 07.08.17 **(33)** KR  
 10-2016-0100210 05.08.16 KR  
**(43)** 08.02.2018  
**(72)** Park, Jae Eun; Kim, Soo Young; Lee, Hyun Mi; Lee, Si Hyung; Lee, Hyun Kyung; Kim, Hye-Nan; Youn, Jin Chul; Park, Bum-Chan; Lim, Jung Chae; Cho, Young-Gyu; Park, Young Woo  
**(74)** FB Rice Pty Ltd

**(71)** Y-Biologics Inc.  
**(11)** AU-A-2017306507  
**(21)** 2017306507 **(22)** 07.08.2017

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

- (54) Antibody against programmed death-ligand 1 (PD-L1), and use thereof  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
 (87) WO2018/026249  
 (31) 10-2017-0099673 (32) 07.08.17 (33) KR  
     10-2016-0100211 05.08.16 KR  
 (43) 08.02.2018  
 (72) Park, Jae Eun; Choi, Soo A; Lee, Jisu;  
     Lee, Hyun Mi; Lee, Si Hyung; Baek,  
     Gi Sun; Kim, Yeung Chul; Park, Bum-  
     Chan; Lim, Jung Chae; Cho, Young-  
     Gyu; Park, Young Woo  
 (74) FB Rice Pty Ltd
- 

- (71) Z2020 LLC  
 (11) AU-A-2017301811  
 (21) 2017301811 (22) 26.07.2017  
 (54) Componentry and devices for light  
     therapy delivery and methods related  
     thereto  
 (51) Int. Cl.  
     **A61N 5/067** ( 2006.01 )  
 (87) WO2018/022775  
 (31) 62/499,674 (32) 03.02.17 (33) US  
     62/498,401 27.12.16 US  
     62/499,612 31.01.17 US  
     15/645,467 10.07.17 US  
     62/496,714 27.10.16 US  
     62/494,065 27.07.16 US  
 (43) 01.02.2018  
 (72) Zhang, Jack K.  
 (74) WRAYS PTY LTD
- 

- (71) Zodiac Pool Systems LLC  
 (11) AU-A-2017324272  
 (21) 2017324272 (22) 05.09.2017  
 (54) Buoyant automatic cleaners  
 (51) Int. Cl.  
     **E04H 4/16** ( 2006.01 )  
 (87) WO2018/048799  
 (31) 62/383,777 (32) 06.09.16 (33) US  
 (43) 15.03.2018  
 (72) Newman, Phillip; Van Der Meijden,  
     Hendrikus Johannes  
 (74) FB Rice Pty Ltd

Numerical Index

2016314781	Bigg, S.	2017306280	Maxx Bench
2016406378	Turun Yliopisto	2017306302	Pindrop Security, Inc.
2016416657	Veloso Arancibia, L.	2017306320	Beijing Jingdong Shangke Information Technology Co, Ltd.; Beijing Jingdong Century Trading Co., Ltd.
2016416776	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017306409	Sheldon-Coulson, G.; Moffat, B.
2016416834	Medicontur Medical Engineering Ltd.	2017306432	TCR2 Therapeutics Inc.
2016417658	All Day Designs Ltd	2017306501	University Of Ulsan Foundation For Industry Cooperation
2016417798	Flapflip GmbH	2017306504	Korea Advanced Institute of Science and Technology; Saudi Aramco
2016418327	Kang, K.; Tyler, G.	2017306506	Y-Biologics Inc.
2016420064	Shanghai Green Valley Pharmaceutical Co., Ltd.	2017306507	Y-Biologics Inc.
2016420190	Dow Global Technologies LLC; Rohm and Haas Company	2017306587	9352-4585 Québec Inc.
2016420664	Huawei Technologies Co., Ltd.	2017306606	Harbin Pharmaceutical Group Co., Ltd. General Pharmaceutical Factory
2016420717	Motorola Solutions, Inc.	2017306756	Fresenius Kabi Deutschland GmbH
2016421105	Emco Water Patent GmbH	2017307163	Philip Morris Products S.A.
2016421196	President and Fellows of Harvard College	2017307229	Macquarie University
2016421819	Lanxess Deutschland GmbH	2017307295	Nuggets Limited
2016422446	Grubmüller, W.J.	2017307335	Koninklijke Philips N.V.
2016422576	South China University of Technology	2017307365	Ozone Inventions Limited
2016422604	Colgate-Palmolive Company	2017307566	Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc.
2016422842	Colgate-Palmolive Company	2017307584	Sera Prognostics, Inc.
2016423068	Optimedica Corporation	2017307605	Level One Engineering LLC
2016423167	Google LLC	2017307639	Embryogenesis Pty Ltd
2016423191	Google LLC	2017307650	Dejero Labs Inc.
2016423310	Fuji Corporation	2017307893	LG Electronics Inc.
2016423311	Fuji Corporation	2017307902	LG Electronics Inc.
2016423715	Energyfront Inc	2017307903	LG Electronics Inc.
2016424895	Intellitech Pty Ltd.	2017307962	Erasmus University Medical Center Rotterdam (Erasmus MC)
2016425653	New Technologies Global Systems, S.L.	2017308385	Nipro Corporation
2016425821	Halliburton Energy Services, Inc.	2017308574	Becton, Dickinson and Company
2016426155	Halliburton Energy Services, Inc.	2017308733	Satori Worldwide, LLC
2016426210	Energy Harvest AS	2017308843	Polaris Industries Inc.
2016426435	Halliburton Energy Services, Inc.	2017309136	Global Impact Strategies
2016426983	Halliburton Energy Services, Inc.	2017309821	Agriculture Victoria Services Pty Ltd
2016429466	Mitsubishi Electric Corporation	2017310075	ATOS Integration
2016429682	Landmark Graphics Corporation	2017310163	Ajou University Industry-Academic Cooperation Foundation
2016429758	Halliburton Energy Services, Inc.	2017310255	The University of Newcastle
2017263107	Turun yliopisto	2017310264	Agriculture Victoria Services Pty Ltd
2017296260	Le Nguyen Khanh, T.	2017310312	Caterpillar Inc.
2017298468	Greeneden U.S. Holdings II, LLC	2017310436	Seattle Genetics, Inc.
2017301633	CTL Medical Corporation	2017310490	Adaptix Ltd
2017301766	CBD Inc.	2017310507	Hakim,, C.
2017301811	Z2020 LLC	2017310515	Girard Products, LLC
2017301918	Hawaii Biotech Inc.	2017310520	Silk Technologies, Ltd.
2017302034	Exion Labs Inc.	2017310540	University Of Maryland; PaverGuide, Inc.
2017302079	Idorsia Pharmaceuticals Ltd	2017310867	Imagine Global Care Corporation
2017302659	Haddock, D.; Haddock, R.; Holley, N.	2017311047	Merck Patent GmbH
2017302676	Viviers, D.	2017311638	T.J.Smith and Nephew, Limited
2017302766	Daikin Industries, Ltd.	2017312121	Brooklyn Immunotherapeutics LLC
2017302959	Shanghai Yingli Pharmaceutical Co., Ltd	2017312132	Bluebird Bio, Inc.
2017303125	Philips Lighting Holding B.V.	2017312360	Origami Energy Limited
2017303481	Aesculap AG	2017312553	Intercontinental Great Brands LLC
2017303920	Jiangsu Ernest Technology Co Ltd	2017312939	Intercontinental Great Brands LLC
2017303975	Mylan Laboratories Ltd,	2017312942	GENENTECH, INC.
2017304230	Cardex Group Pty Ltd	2017313039	The Coca-Cola Company
2017304932	Jiangsu Ernest Technology Co Ltd	2017313154	Mouschovias, A.; Hanan, J.C.; Niagara Bottling, LLC
2017305133	Defender Screens International LLC	2017313432	Global Health Innovators Pty Ltd
2017305408	Cooper Technologies Company; Eaton Intelligent Power Limited	2017313513	The Yokohama Rubber Co., Ltd.
2017305409	Paratek Pharmaceuticals, Inc.	2017313536	National Research Council of Canada
2017305436	Oasys Water LLC	2017313626	Eagle-Access B.V.
2017305502	REMD Biotherapeutics, Inc.	2017313652	Shedrain Corporation
2017305856	CSL Behring GmbH	2017313655	Arvos Ljungström LLC
2017305976	Flexlite Corporation; Detaboada, L.	2017313733	University of Rochester
2017305980	Cowan, M.A.		
2017306050	Filament BioSolutions Inc.		
2017306078	Drexel University; Friedman, P.C.		
2017306233	LG Electronics Inc.		

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

2017313907	Bremer, T.	2017318956	Moore, J.
2017313912	Whitehead Institute For Biomedical Research	2017319129	Corning Optical Communications LLC
2017314151	Xintela AB	2017319133	Colgate-Palmolive Company
2017314484	Data Intrans Pty Ltd	2017319137	Chippo Golf LLC
2017314486	Ozuno Holdings Limited	2017319168	Emulate, Inc.; Cedars-Sinai Medical Center
2017314579	LG Electronics Inc.	2017319230	Thermofluidics Limited
2017314715	Van Oossanen & Associates B.V.	2017319260	FUJIFILM Corporation
2017314741	Obshchestvo S Ogranichennoy Otvetstvennostyu "Miki"	2017319325	Yale University
2017314767	ImpediMed Limited	2017319330	Longeviti Neuro Solutions LLC; The Johns Hopkins University
2017314836	The Regents of the University of California	2017319373	China SmartCity Technology Co., Ltd.
2017314842	Curtana Pharmaceuticals, Inc.	2017319400	Avectas Limited
2017315151	Cumulus Digital Systems, Inc.	2017319402	Sangermano, P.; IFA International Fluid Association
2017315215	Royal Holloway and Bedford New College; York Instruments Ltd	2017319467	FUJIFILM Corporation
2017315222	Aqdot Limited	2017319484	Agrinos AS
2017315252	Biolumic Limited	2017319512	Soares, C.J.
2017315294	Twist Bioscience Corporation	2017319582	Uber Technologies, Inc.
2017315328	ImmuneXpress Pty Ltd	2017319585	8 Rivers Capital, LLC
2017315411	Alibaba Group Holding Limited	2017319764	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2017315473	SPR Therapeutics, LLC	2017319785	Soreq Nuclear Research Center; Security Matters Ltd.
2017315769	Resolution Bioscience, Inc.	2017320166	Samsung Electronics Co., Ltd.
2017315809	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	2017320323	DCPower Holding B.V.
2017315862	Drilling Info, Inc.	2017320331	Swinburne University of Technology
2017315966	Meltz, LLC	2017320332	Commonwealth Scientific and Industrial Research Organisation
2017316015	LG Electronics Inc.	2017320353	Commonwealth Scientific and Industrial Research Organisation
2017316101	LG Electronics Inc.	2017320458	Equinor Energy AS
2017316131	Indose Inc	2017320520	Gelita AG
2017316141	General Electric Company	2017320582	Arrowhead Pharmaceuticals, Inc
2017316222	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017320643	Naval Group
2017316336	Lin, Y.	2017320763	Linde Aktiengesellschaft
2017316567	Moffat, B.; Sheldon-Coulson, G.	2017320776	PsiOxus Therapeutics Limited
2017316594	Corning Optical Communications LLC	2017320908	Sigvaris AG
2017316614	Elysium Health, Inc.	2017320928	Saltech AG
2017316709	Cancer Research Technology Limited	2017321000	HBI Branded Apparel Enterprises, LLC
2017316731	Kolibree SAS	2017321027	FMC Technologies
2017316828	The Yokohama Rubber Co., Ltd.	2017321050	Implandata Ophthalmic Products GmbH
2017316955	JCR Pharmaceuticals Co., Ltd.	2017321073	Marel A/S
2017317377	Fiamma S.p.A.	2017321079	PRC-DeSoto International, Inc.
2017317378	Fiamma S.p.A.	2017321184	Seminis Vegetable Seeds, Inc.
2017317572	Boehringer Ingelheim Vetmedica GmbH	2017321192	Osterhout Group, Inc.
2017317599	Magic Leap, Inc.	2017321199	MJN U.S. Holdings LLC
2017317622	ecoduna AG	2017321242	Etonye, N.
2017317723	GlaxoSmithKline Intellectual Property Development Limited	2017321313	Board of Regents, the University of Texas System
2017317724	GlaxoSmithKline Intellectual Property (No.2) Limited	2017321323	3M Innovative Properties Company
2017317798	Veratin Pty Ltd	2017321416	Dart Neuroscience, LLC
2017318135	Deutsche Saatveredelung AG	2017321433	L.B. Foster Company
2017318136	Deutsche Saatveredelung AG	2017321488	The Regents of the University of California; Voyager Therapeutics, Inc.
2017318205	Hubtex Maschinenbau GmbH & Co. KG	2017321489	Cedars-Sinai Medical Center
2017318300	Karl Leibinger Medizintechnik GmbH & Co. KG	2017321495	RespiVant Sciences GmbH
2017318386	OligoScience Technology GmbH	2017321499	Unit Solutions, Inc.
2017318540	Deepwater Oil Tools Ltd.	2017321701	Channel Products, Inc.
2017318591	Navinta, Llc	2017321715	Amazon Technologies, Inc.
2017318597	22nd Century Limited, LLC	2017321791	Mebias Discovery LLC
2017318601	Gilead Sciences, Inc.	2017321798	Mayo Foundation for Medical Education and Research
2017318636	Boat Lift S.r.l.	2017321804	Aquablok, Ltd.
2017318661	Board of Regents, The University of Texas System	2017321872	Joebots Incorporated
2017318668	Mayo Foundation For Medical Education And Research	2017321889	MPSC, Inc.
2017318672	JDS Therapeutics, LLC	2017321891	3M Innovative Properties Company
2017318678	The Johns Hopkins University	2017321895	Kelts, A.D.; Candelas, G.
2017318685	InspiRx, Inc.; The Research Foundation for The State University of New York	2017321948	AmorePacific Corporation
2017318694	Abiomed, Inc.	2017321979	Lumiphore, Inc.
2017318714	Takeda Vaccines, Inc.; Takeda Pharmaceutical Company Limited	2017322091	Solar Sailor Pty Ltd
2017318717	Spark Therapeutics, Inc.; The Children's Hospital of Philadelphia	2017322093	OPTI-Minez Pty Ltd
2017318718	Galera Labs, LLC	2017322185	Höganäs AB (publ)
2017318725	Bioionix, Inc.	2017322239	Lifetime Products, Inc.
2017318907	Oncotherapy Science, Inc.	2017322251	WESTFALIA-Automotive GmbH
2017318955	3M Innovative Properties Company	2017322324	Jones, M.L.; Wahl, C.; Wey, G.; Philippsen, A.O.L.; Drlik, M.; Jones, R.; Muller, N.; Garland, A.; Niknia, I.

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

2017322337	Dematic Corp.	2017327600	Nestec S.A.
2017322409	Locus IP Company, LLC	2017327619	Shibaura Institute of Technology; JX Nippon Mining & Metals Corporation
2017322414	Dana-Farber Cancer Institute, Inc.	2017327684	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2017322445	Lesaffre et Compagnie	2017327685	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2017322480	AMO Development, LLC	2017327757	Sawada, J.
2017322492	Aleyegn Technologies LLC	2017327762	FPIInnovations
2017322503	AMO Development, LLC	2017327772	Nordic Nanovector ASA
2017322708	University of South Florida	2017327812	Edgewell Personal Care Brands, LLC
2017322741	Vermeer Manufacturing Company	2017327851	MED-EL Elektromedizinische Geraete GmbH
2017322752	Juno Therapeutics, Inc.	2017327891	Dyson Technology Limited
2017323141	Cataler Corporation	2017327999	Johnson Matthey Davy Technologies Limited
2017323374	Samsung Electronics Co., Ltd.	2017328633	Novimmune SA
2017323389	Coupler Solutions Limited	2017328837	Fukuyama Rubber Ind. Co., Ltd.
2017323419	BP P.L.C.	2017328982	Technip France
2017323427	Unilever PLC	2017328983	Technip France
2017323432	Italfarmaco S.p.A.	2017329024	Celgene Corporation
2017323629	Bluebird Bio, Inc.	2017329090	Novartis AG
2017323868	University of Canberra	2017329370	Siemens Aktiengesellschaft
2017323871	Gordon, A.	2017329669	Boehringer Ingelheim Vetmedica GmbH
2017323888	Kal Tire	2017329752	Clariant International Ltd
2017324000	Lummus Technology Inc.	2017330079	Xcell Medical Solutions, S.L.
2017324066	CC3D LLC	2017330232	Apple Inc.
2017324086	CC3D LLC	2017330443	Dana-Farber Cancer Institute, Inc.
2017324102	Fritz Ruck Ophthalmologische Systeme GmbH	2017330506	Northrop Grumman Systems Corporation
2017324106	Fritz Ruck Ophthalmologische Systeme GmbH	2017330524	Qualcomm Incorporated
2017324176	Apple Inc.	2017330618	GlaxoSmithKline Intellectual Property (No.2) Limited
2017324251	Kala Pharmaceuticals, Inc.	2017331310	Deutsches Krebsforschungszentrum
2017324272	Zodiac Pool Systems LLC	2017331371	Evoqua Water Technologies LLC
2017324277	Rite-Hite Holding Corporation	2017331392	Air BP Limited
2017324281	F. Hoffmann-La Roche AG	2017331465	U.S. Patent Innovations LLC
2017324327	Maplebear, Inc. (dba Instacart)	2017331513	Gelliner Limited
2017324349	Moghbeli, O.	2017332131	MTD Products Inc
2017324550	Flagship Pioneering, Inc.	2017332217	Robel Bahnbaumaschinen GmbH
2017324593	Grey Technology Limited	2017332358	MTD Products Inc.
2017324713	Kala Pharmaceuticals, Inc.	2017332423	LG Electronics Inc.
2017324716	Kala Pharmaceuticals, Inc.	2017332524	Webser, G.; Keron, N.
2017324844	Celgene Corporation; Agios Pharmaceuticals, Inc.	2017332620	Apple Inc.
2017324859	Debina Diagnostics, Inc.	2017332721	Dana-Farber Cancer Institute, Inc.; Buhrlage, S.; Weisberg, E.; Griffin, J.D.
2017324860	The Methodist Hospital System	2017332749	Becton, Dickinson And Company
2017324875	AgBiome, Inc.	2017332751	Becton, Dickinson and Company
2017324903	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017332755	Becton, Dickinson and Company
2017324939	Atea Pharmaceuticals, Inc.	2017332817	Dyson Technology Limited
2017324944	AMO Wavefront Sciences, LLC	2017333333	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017324946	Swift Biosciences, Inc.	2017333737	GreenMantra Recycling Technologies Ltd.
2017324960	Rensselaer Polytechnic Institute	2017333893	Clean Planet Inc.
2017324990	Illinois Tool Works Inc.	2017334224	The University of The Highlands and Islands
2017325009	Sanofi Pasteur Vaxdesign Corp.	2017334261	Towteknik Pty Ltd
2017325566	Entellus Medical, Inc.	2017334269	NOJA Power Switchgear Pty Ltd
2017325585	Control Concepts, Inc.	2017334289	Arecor Limited
2017325593	General Mills, Inc.	2017334290	Arecor Limited
2017325685	Ethicon, Inc.	2017334538	Arthrex, Inc.
2017325719	J.D. Franco & Co., LLC	2017334698	Oncologie, Inc.
2017325729	PepsiCo, Inc.	2017334854	Weatherford Technology Holdings, LLC
2017325804	Sun Scientific, Inc.	2017335076	Ozchela Inc.
2017325871	Stryker European Holdings I, LLC	2017335215	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2017325983	Dyax Corp.	2017335772	Kellogg Company
2017326006	Vitae Pharmaceuticals, Inc.	2017336249	Ascendis Pharma Bone Diseases A/S
2017326065	Ethicon, Inc.	2017336250	Ascendis Pharma Bone Diseases A/S
2017326102	BRUKS Rockwood, LLC	2017336251	Ascendis Pharma Bone Diseases A/S
2017326232	Syngenta Participations AG	2017336253	Ascendis Pharma Growth Disorders A/S
2017326329	AbbVie Biotherapeutics Inc.	2017336340	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2017326347	Children's Medical Center Corporation	2017336342	Nunhems B.V.
2017326359	National Taiwan University; National Chiao Tung University; National Health Research Institutes; Tseng, Y.	2017336343	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2017326373	Ebay Inc.	2017336776	Chrono Therapeutics Inc.
2017326435	Kemin Industries, Inc.	2017337095	Erber Aktiengesellschaft
2017326449	Medtronic, Inc.	2017337147	Poseida Therapeutics, Inc.
2017326765	Rentaloc Besloten Vennootschap Met Beperkte Aansprakelijkheid	2017337325	Rosemount Inc.
2017326927	Armatron Systems, LLC	2017337365	Nippon Paper Industries Co., Ltd.
2017327387	Magic Leap, Inc.	2017337463	Canon Kabushiki Kaisha
2017327538	Bendix Commercial Vehicle Systems LLC		

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

2017337753 Valo Therapeutics Oy  
2017338030 Telefonaktiebolaget LM Ericsson (PUBL)  
2017339076 Etex Services NV  
2017339375 Qualcomm Incorporated  
2017339562 Fresenius Kabi Deutschland GmbH  
2017340252 Qualcomm Incorporated  
2017340266 MasterCard International Incorporated  
2017340760 Mitobridge, Inc.  
2017340920 Raytheon Company  
2017341062 SPDI Holdings, Inc.  
2017341225 Unilever PLC  
2017341561 Kao Corporation  
2017341596 GI Co., Ltd.  
2017342207 Novartis AG  
2017342683 Likua Endustriyel Ambalaj Malzm. San. Ve Tic. Ltd. Sti  
2017344297 CMI Defence S.A.  
2017344436 Fincantieri SpA  
2017345760 ViaSat, Inc.  
2017346492 AgJunction LLC  
2017348604 Etex Services NV  
2017349526 Mitsubishi Heavy Industries Thermal Systems, Ltd.  
2017351026 Eli Lilly and Company  
2017351055 MED-EL Elektromedizinische Geraete GmbH  
2017352093 Gravifloat As  
2017353793 CC3D LLC  
2017354183 Mitsubishi Electric Corporation  
2017356313 Medtronic Advanced Energy LLC  
2017356315 Medtronic Advanced Energy LLC  
2017356712 Samsung Electronics Co., Ltd.  
2017357418 NV Bekaert SA  
2017359100 Kureha Corporation  
2017360850 Landmark Graphics Corporation  
2017360851 Landmark Graphics Corporation  
2017365631 c-LEcta GmbH; New Matterhorn, LLC  
2017371964 Gree Electric Appliances, Inc. of Zhuhai  
2017376194 Numares AG  
2017376580 F. Hoffmann-La Roche AG  
2017380103 Numares AG  
2017408801 Ping An Technology (Shenzhen) Co.,Ltd.  
2018209057 ABB Schweiz AG  
2018227698 Osmose Utilities Services, Inc.  
2018234437 F.lli Righini S.r.l.  
2018241206 Micropure, Inc.  
2018246069 Hitachi Construction Machinery Co., Ltd.  
2018271146 Wang, S.  
2018286430 Grow Solutions Tech LLC

IPC Index

<b><u>A01C 1 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A46D 1 /-</u></b>	<b><u>A61B 50 /-</u></b>	<b><u>A61K 31 /-</u></b>
2017315252	2017313513	2017325729 2017337095	2017319133	2017326065	2017302079 2017302959 2017303975 2017305409 2017306606 2017306756 2017307566 2017307962 2017310867 2017312132 2017313733 2017313907 2017313912 2017316614 2017317723 2017317724 2017318591 2017318601 2017318668 2017318672 2017318718 2017319260 2017319325 2017319764 2017320582 2017321313 2017321416 2017321495 2017321798 2017322414 2017322708 2017324281 2017324844 2017326006 2017326359 2017329090 2017330443 2017330618 2017335076 2017336253 2017336776 2017340760 2017342207
<b><u>A01D 34 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47G 5 /-</u></b>	<b><u>A61B 6 /-</u></b>	
2017332358	2017313513	2017310867 2017327600	2017305133	2017310490 2017321488	
<b><u>A01G 3 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 90 /-</u></b>	
2017324593	2017319484 2017322409	2017307163 2017316131	2017307335 2017315966	2017331465	
<b><u>A01G 31 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A41B 9 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61C 17 /-</u></b>	
2017318135 2017318136 2018286430	2017313513	2017321000	2017307893 2017307902 2017307903	2017316731 2017332817	
<b><u>A01G 7 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A47L 5 /-</u></b>	<b><u>A61C 19 /-</u></b>	
2017315252 2018286430	2017313513	2017321891	2017314579	2016422604 2016422842	
<b><u>A01G 9 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A41D 31 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61F 11 /-</u></b>	
2016314781 2017318135 2017318136 2018286430	2017333333	2017321891	2017314579	2017318955 2017327851 2017351055	
<b><u>A01H 1 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A45B 25 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61F 13 /-</u></b>	
2017327684	2017313513	2017313652	2017322324 2017325566	2017311638	
<b><u>A01H 5 /-</u></b>	<b><u>A22B 5 /-</u></b>	<b><u>A45B 9 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61F 2 /-</u></b>	
2017321184 2017327684 2017327685 2017335215 2017336340 2017336342 2017336343	2017321889	2017313652	2017321488	2017301633 2017303481 2017310507 2017310520 2017319330 2017327851	
<b><u>A01N 25 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A45C 11 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61G 5 /-</u></b>	
2017302034	2017325729	2016422842	2016426983 2017301633 2017307229 2017319330 2017325719 2017325871 2017331465 2017334538	2016423310 2016423311	
<b><u>A01N 31 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A45D 1 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61G 7 /-</u></b>	
2017313513 2017326232	2017315966 2017323427	2017327891	2017306078 2017356313 2017356315	2016423310 2016423311	
<b><u>A01N 33 /-</u></b>	<b><u>A23J 7 /-</u></b>	<b><u>A45D 2 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61G 9 /-</u></b>	
2017302034 2017326232	2017326435	2017327891	2016416834 2017322503 2017324944	2016423310 2016423311 2016423715	
<b><u>A01N 37 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A45D 20 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61H 7 /-</u></b>	
2017313513	2017319467	2017327891	2017331465	2017325804	
<b><u>A01N 43 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A45D 44 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61J 1 /-</u></b>	
2017302034 2017324251 2017324713 2017324716 2017333333	2017318386	2016422842	2016406378 2017305976 2017306501 2017310507 2017314767 2017321488	2017308385 2017312942 2017339562	
	<b><u>A23K 50 /-</u></b>	<b><u>A45F 5 /-</u></b>		<b><u>A61K 35 /-</u></b>	
	2017318386 2017319467	2016420717		2017307639 2017312132 2017314151 2017320776 2017321489 2017323629 2017337147	
	<b><u>A23L 11 /-</u></b>	<b><u>A46B 15 /-</u></b>		<b><u>A61K 36 /-</u></b>	
	2017325593	2017316731		2017319467	
	<b><u>A23L 19 /-</u></b>	<b><u>A46B 17 /-</u></b>		<b><u>A61K 38 /-</u></b>	
	2017310867	2017323871		2017305856 2017310163 2017310520 2017312121 2017313912 2017314151 2017316614 2017318678	
	<b><u>A23L 2 /-</u></b>	<b><u>A46B 9 /-</u></b>			
	2017325729	2017319133			

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

2017318717	2017325685	<b><u>A61N 1/-</u></b>	<b><u>A61P 35/-</u></b>	<b><u>A63B 1/-</u></b>	<b><u>B01J 31/-</u></b>
2017319512	2017326347				
2017320520	2017334289	2017315473	2017302079	2017296260	2017302034
2017323629	2017334290	2017322492	2017302959	2017306280	
2017323868	2017336249	2017326449	2017305502		<b><u>B01J 32/-</u></b>
2017334224	2017336251	2017327851	2017317724	<b><u>A63B 17/-</u></b>	
2017334289	2017336776	2017351055	2017319260		2017323141
2017334290	2017337095		2017319764	2017306280	
2017336249		<b><u>A61N 5/-</u></b>	2017321798		<b><u>B01J 35/-</u></b>
2017336251	<b><u>A61L 15/-</u></b>	2017301811	2017323868	<b><u>A63B 21/-</u></b>	2017302034
2017336253	2017332751	2017305976	2017324860	2017296260	
			2017327772	2017306280	<b><u>B01J 37/-</u></b>
<b><u>A61K 39/-</u></b>	<b><u>A61L 27/-</u></b>	<b><u>A61P 1/-</u></b>	2017329090		
			2017332721	<b><u>A63B 23/-</u></b>	2017306504
2017301918	2017301633	2017319467		2017296260	2017323141
2017305502	2017318300	2017330618	<b><u>A61P 37/-</u></b>	2017316336	<b><u>B01J 47/-</u></b>
2017306506	2017319330				
2017306507	2017332755	<b><u>A61P 11/-</u></b>	2017310867	<b><u>A63B 3/-</u></b>	2017327757
2017310436			2017321495		
2017312121	<b><u>A61L 29/-</u></b>	2017330618	2017324860	2017306280	<b><u>B01J 8/-</u></b>
2017316955	2017332749	<b><u>A61P 13/-</u></b>	2017327600		
2017317572			2017330443	<b><u>A63B 63/-</u></b>	2017318725
2017318668	<b><u>A61L 9/-</u></b>	2017302959	<b><u>A61P 43/-</u></b>	2017319137	<b><u>B01L 3/-</u></b>
2017318714		2017306756			
2017320776	2017315222	2017330618	2017302079	<b><u>A63B 67/-</u></b>	2017318661
2017321798	2017341062	2017340760	2017319260		
2017326329			2017336250	2017319137	<b><u>B03D 1/-</u></b>
2017327772	<b><u>A61M 1/-</u></b>	<b><u>A61P 17/-</u></b>	<b><u>A61P 5/-</u></b>	<b><u>A63B 69/-</u></b>	2017327619
2017329669	2017311638	2017302959	2017336250	2017319137	<b><u>B05B 1/-</u></b>
2017337753	2017318694	2017307639			
<b><u>A61K 45/-</u></b>	2017324102		<b><u>A61P 7/-</u></b>	<b><u>A63F 5/-</u></b>	2017305980
	2017324106	<b><u>A61P 19/-</u></b>		2016422446	2017307893
2017318718	2017325719	2017302959	2017305856		2017307902
2017329090		2017317723	2017336250	<b><u>B01D 11/-</u></b>	2017307903
<b><u>A61K 47/-</u></b>	<b><u>A61M 11/-</u></b>	2017336250	<b><u>A61P 9/-</u></b>		2017319400
				<b><u>B01D 53/-</u></b>	<b><u>B05B 12/-</u></b>
2017310520	2017318685	<b><u>A61P 25/-</u></b>	2017306606	2017301766	2017319400
2017318591	<b><u>A61M 15/-</u></b>		2017320520		
2017319260		2017306606	2017330618	<b><u>B01D 53/-</u></b>	2017319400
2017321798	2017318685	2017318678			
2017326347		2017319512	<b><u>A61Q 11/-</u></b>	2017320353	<b><u>B05B 15/-</u></b>
2017336249	<b><u>A61M 16/-</u></b>	2017321416		2017320763	
2017336250		2017322708	2016422604	2017323141	2017305980
2017336251	2017321495	2017336776	<b><u>A61Q 15/-</u></b>	2017327757	<b><u>B05B 5/-</u></b>
2017336253	<b><u>A61M 27/-</u></b>	2017342207		<b><u>B01D 61/-</u></b>	2017319400
<b><u>A61K 48/-</u></b>	2017310507	<b><u>A61P 27/-</u></b>	2017315222	2017305436	<b><u>B05D 1/-</u></b>
2017307962	<b><u>A61M 3/-</u></b>	2017302959	<b><u>A61Q 19/-</u></b>	<b><u>B01F 3/-</u></b>	2017356313
2017318717		2017319512		2017310255	<b><u>B08B 9/-</u></b>
<b><u>A61K 51/-</u></b>	2017324102	<b><u>A61P 29/-</u></b>	2017307639		
	2017324106		2017321948	<b><u>B01J 19/-</u></b>	2017324990
2017327772		2017302079	<b><u>A61Q 5/-</u></b>	2016421105	<b><u>B23K 26/-</u></b>
<b><u>A61K 8/-</u></b>	<b><u>A61M 31/-</u></b>	2017317724		2017310540	2017319785
		2017321791	<b><u>A61Q 7/-</u></b>		
2017314836	2017322324	2017324281		<b><u>B01J 20/-</u></b>	<b><u>B25B 21/-</u></b>
2017315222	2017327851		2017314836	2017310540	2017315151
2017321948	<b><u>A61M 39/-</u></b>	<b><u>A61P 3/-</u></b>		<b><u>B01J 21/-</u></b>	
2017337095			<b><u>A62B 17/-</u></b>		
2017341225	2017339562	2017302959		<b><u>B01J 23/-</u></b>	2017315151
<b><u>A61K 9/-</u></b>	<b><u>A61M 5/-</u></b>	2017320520	2017321891		<b><u>B25B 23/-</u></b>
		<b><u>A61P 31/-</u></b>		2017306504	2017315151
2017303975	2017308574	2017302959	<b><u>A62D 3/-</u></b>	<b><u>B01J 23/-</u></b>	
2017313907	2017324102	2017305409		2017306504	2017323141
2017319260	2017324106	2017313733	2017327757	2017327757	<b><u>B25J 1/-</u></b>
2017321495		2017318601			
2017321798					2017323888
2017324844					

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

<b><u>B25J 11 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B62D 1 /-</u></b>	<b><u>B63H 19 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C02F 101 /-</u></b>
2017321073	2017321891	2017346492	2017314715	2017325585	2017322185
<b><u>B25J 15 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B62D 13 /-</u></b>	<b><u>B63H 9 /-</u></b>	2017342683	<b><u>C03C 10 /-</u></b>
2017321073	2017312939 2017359100	2017334261	2017322091	<b><u>B65D 90 /-</u></b>	2017356315
<b><u>B26B 21 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B62D 5 /-</u></b>	<b><u>B63J 4 /-</u></b>	2017342683	<b><u>C03C 13 /-</u></b>
2017327812	2017324086	2017346492	2017331371	<b><u>B65G 15 /-</u></b>	2017316594
<b><u>B28B 1 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B62D 53 /-</u></b>	<b><u>B64D 37 /-</u></b>	2017322741 2017326102	<b><u>C03C 25 /-</u></b>
2017326927	2016406378	2017314484	2017331392	<b><u>B65G 17 /-</u></b>	2017316594
<b><u>B28B 17 /-</u></b>	<b><u>B44D 3 /-</u></b>	<b><u>B62D 55 /-</u></b>	<b><u>B64D 45 /-</u></b>	2017322741	<b><u>C03C 3 /-</u></b>
2017324086	2016418327	2017308843 2017328837	2017306320	<b><u>B66C 1 /-</u></b>	2017356315
<b><u>B29C 35 /-</u></b>	<b><u>B60B 29 /-</u></b>	<b><u>B62K 13 /-</u></b>	<b><u>B64F 1 /-</u></b>	2018234437	<b><u>C03C 8 /-</u></b>
2017324086	2017323888	2016417658	2017331392	<b><u>B66F 9 /-</u></b>	2017356315
<b><u>B29C 41 /-</u></b>	<b><u>B60C 1 /-</u></b>	<b><u>B62K 19 /-</u></b>	<b><u>B65B 25 /-</u></b>	2017318205	<b><u>C04B 14 /-</u></b>
2017324086	2017313513	2017307605	2017321073	<b><u>B67D 1 /-</u></b>	2017321804
<b><u>B29C 43 /-</u></b>	<b><u>B60C 5 /-</u></b>	<b><u>B62K 25 /-</u></b>	<b><u>B65B 31 /-</u></b>	2017313039	<b><u>C04B 18 /-</u></b>
2017324086	2017313513	2017307605	2017313154	<b><u>B67D 7 /-</u></b>	2017339076
<b><u>B29C 48 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B62K 3 /-</u></b>	<b><u>B65B 35 /-</u></b>	2017313039 2017331392	<b><u>C04B 20 /-</u></b>
2017322239	2017314484 2017322251 2017332524	2017307605	2017321073	<b><u>B67D 9 /-</u></b>	2017348604
<b><u>B29C 49 /-</u></b>	<b><u>B60F 1 /-</u></b>	<b><u>B62K 9 /-</u></b>	<b><u>B65D 21 /-</u></b>	2017321027	<b><u>C04B 24 /-</u></b>
2017322239	2017326765	2016417658	2016314781	<b><u>B82Y 10 /-</u></b>	<b><u>C04B 28 /-</u></b>
<b><u>B29C 67 /-</u></b>	<b><u>B60G 3 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65D 25 /-</u></b>	2016423167	2017339076 2017348604
2017324086	2017307605	2017314715	<b><u>B65D 43 /-</u></b>	<b><u>B82Y 5 /-</u></b>	<b><u>C05F 1 /-</u></b>
<b><u>B29C 69 /-</u></b>	<b><u>B60G 7 /-</u></b>	<b><u>B63B 15 /-</u></b>	2016418327	2017318661	2017317798
2017324066	2017307605	2017322091	<b><u>B65D 47 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C05F 11 /-</u></b>
<b><u>B29C 70 /-</u></b>	<b><u>B60L 50 /-</u></b>	<b><u>B63B 17 /-</u></b>	2016417798	2017307365	2017319484 2017322409
2017324086 2017353793	2017308843	2017313626	<b><u>B65D 51 /-</u></b>	<b><u>C01B 23 /-</u></b>	<b><u>C07C 231 /-</u></b>
<b><u>B29D 28 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B63B 27 /-</u></b>	2016417798 2016418327	2017320763	2017306050
2017321891	2017318636	2017313626 2017321027	<b><u>B65D 65 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 237 /-</u></b>
<b><u>B32B 27 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B63B 39 /-</u></b>	2017312939 2017337365 2017359100	2017333893	2017305409 2017306050
2017312939 2017325685 2017337365 2017359100	2018271146	2017314715	<b><u>B65D 75 /-</u></b>	2016406378	<b><u>C07C 253 /-</u></b>
<b><u>B32B 29 /-</u></b>	<b><u>B60R 1 /-</u></b>	2017318636	2017312553 2017312939	<b><u>C01B 4 /-</u></b>	2017335076
2017337365	2017321242 2017356712	<b><u>B63G 3 /-</u></b>	<b><u>B65D 77 /-</u></b>	2017333893	<b><u>C07C 255 /-</u></b>
<b><u>B32B 3 /-</u></b>	<b><u>B60R 25 /-</u></b>	2017320643	2017312553	<b><u>C02F 1 /-</u></b>	2017335076
2017312939	2017321242	<b><u>B63G 8 /-</u></b>	<b><u>B65D 81 /-</u></b>	2017305436 2017310540 2017318725 2017318956 2017322185	<b><u>C07C 273 /-</u></b>
<b><u>B32B 37 /-</u></b>	<b><u>B62B 7 /-</u></b>	2017320643	2017321199 2017335772		2017321791
2017325685	2016417658				

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

<b><u>C07C 275 /-</u></b>	2017326359 2017330618	<b><u>C07H 19 /-</u></b>		<b><u>C08F 2 /-</u></b>	<b><u>C10G 9 /-</u></b>	<b><u>C12N 5 /-</u></b>
2017321791		2017324939			2017316141	2017314151
<b><u>C07C 303 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07H 23 /-</u></b>		2017316594 2017324903		2017316955
	2017330618					2017317572
2018241206		2017324939		<b><u>C08F 257 /-</u></b>	<b><u>C10J 1 /-</u></b>	2017319168
<b><u>C07C 49 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07H 5 /-</u></b>		2017333737	2017306504	2017321489
	2017302959					2017323629
2016420190	2017317723	2017325729		<b><u>C08G 18 /-</u></b>	<b><u>C10L 1 /-</u></b>	2017325009
	2017317724				2017310255	2017330079
<b><u>C07C 51 /-</u></b>	2017333333	<b><u>C07H 7 /-</u></b>		2017321079		2017331310
					<b><u>C10L 3 /-</u></b>	2017332721
2017327999	<b><u>C07D 407 /-</u></b>	2016420064		<b><u>C08J 11 /-</u></b>	2017318956	2017337147
<b><u>C07C 59 /-</u></b>	2017326232	<b><u>C07K 14 /-</u></b>		2017333737	2017324000	<b><u>C12N 7 /-</u></b>
						2017317572
2017322708	<b><u>C07D 409 /-</u></b>	2017301918		<b><u>C08J 5 /-</u></b>	<b><u>C10L 5 /-</u></b>	2017318714
2017327999		2017306432				2017329669
	2017326232	2017310163		2017332751	2017315809	2017331310
<b><u>C07C 67 /-</u></b>	<b><u>C07D 413 /-</u></b>	2017310520		<b><u>C08L 23 /-</u></b>	<b><u>C11B 1 /-</u></b>	2017337753
		2017314151				<b><u>C12N 9 /-</u></b>
2017327999		2017317572		2017324903	2017301766	
<b><u>C07C 68 /-</u></b>	2017302079	2017318714				2017310264
	2017311047	2017322445		<b><u>C08L 71 /-</u></b>	<b><u>C12M 1 /-</u></b>	2017313912
2016421819	2017330618	2017323629				2017316955
<b><u>C07C 69 /-</u></b>	<b><u>C07D 417 /-</u></b>	2017324875		2017332755	2017317622	2017323629
		2017336340			2017322409	2017324960
	2017319764	2017336343		<b><u>C08L 75 /-</u></b>	2017322752	2017365631
2016421819	<b><u>C07D 451 /-</u></b>	<b><u>C07K 16 /-</u></b>				
2017322708				2017321323	<b><u>C12M 3 /-</u></b>	<b><u>C12P 19 /-</u></b>
2017327999	2017311047	2017301918		<b><u>C09D 145 /-</u></b>	2017321489	2017324960
		2017305502			2017322409	2017365631
<b><u>C07D 207 /-</u></b>	<b><u>C07D 461 /-</u></b>	2017306432		2016420190	2017322752	
		2017306506		<b><u>C09D 175 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C12P 21 /-</u></b>
2017310436	2017306606	2017306507				2017318907
2017326232		2017312121		2017321079	2017309821	
2017330618	<b><u>C07D 471 /-</u></b>	2017316955		2017321323	2017319484	<b><u>C12Q 1 /-</u></b>
		2017317572			2017322445	
<b><u>C07D 215 /-</u></b>	2017311047	2017318668		<b><u>C09D 4 /-</u></b>		2016421196
	2017318601	2017318907			<b><u>C12N 15 /-</u></b>	2017307584
2017311047	2017318601	2017320776		2017321804		2017309821
<b><u>C07D 235 /-</u></b>	2017324281	2017323432		<b><u>C09D 5 /-</u></b>	2017307962	2017313912
	2017326006	2017323629			2017313912	2017315328
2017318672	<b><u>C07D 487 /-</u></b>	2017326329		2017321323	2017315294	2017315769
2017326359		2017327772			2017316955	2017316709
<b><u>C07D 239 /-</u></b>	2017311047	2017328633		<b><u>C09D 7 /-</u></b>	2017317572	2017318907
	2017318601	2017329024			2017318597	2017319325
2017318601	2017326006	2017332721		2017321323	2017318717	2017324946
<b><u>C07D 241 /-</u></b>	2017376580	2017334698		2017321804	2017318907	2017327684
		2017351026			2017319168	2017335215
2017311047	<b><u>C07D 495 /-</u></b>	<b><u>C07K 17 /-</u></b>		<b><u>C09K 11 /-</u></b>	2017320582	<b><u>C22B 1 /-</u></b>
2017335076					2017320776	
<b><u>C07D 265 /-</u></b>	2017318601	2017322409		2016406378	2017321184	2017327619
	2017318672	<b><u>C07K 19 /-</u></b>		2017263107	2017322414	
2017321416	<b><u>C07D 498 /-</u></b>			<b><u>C09K 8 /-</u></b>	2017323432	<b><u>C23F 13 /-</u></b>
		2017316955			2017323629	
<b><u>C07D 307 /-</u></b>	2017330618	<b><u>C07K 5 /-</u></b>		2016426435	2017324550	2017324349
					2017324860	
2017326232	<b><u>C07D 519 /-</u></b>	2017310436		<b><u>C09K 9 /-</u></b>	2017324875	<b><u>C25B 1 /-</u></b>
		2017325729			2017324946	
<b><u>C07D 401 /-</u></b>	2017306606			2017263107	2017327685	2016422604
		<b><u>C07K 7 /-</u></b>			2017329752	
2017302959	<b><u>C07H 1 /-</u></b>			<b><u>C10G 47 /-</u></b>	2017335215	<b><u>C25B 11 /-</u></b>
2017311047		2017327619			2017336340	
2017314842	2016420064			2017323419	2017336342	2016422604
2017317724	2017325729	<b><u>C08B 37 /-</u></b>		<b><u>C10G 75 /-</u></b>	2017336343	2017318725
2017321313						2017329370
2017321979		2017310867		2017316141		

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

<b><u>C25B 15/-</u></b>	2017352093	2017318540	<b><u>F03D 1/-</u></b>	<b><u>F16K 21/-</u></b>	<b><u>F21V 7/-</u></b>
2016422604	<b><u>E02B 7/-</u></b>	<b><u>E21B 47/-</u></b>	2017341596	2017325585	2017316594
<b><u>C25B 3/-</u></b>	2017321804	2016426155	<b><u>F03D 7/-</u></b>	<b><u>F16K 24/-</u></b>	<b><u>F21V 8/-</u></b>
2017329370	<b><u>E02D 17/-</u></b>	2016429682	2017341596	2017325585	2017316594
<b><u>C40B 40/-</u></b>	2017314741	2016429758	<b><u>F03D 80/-</u></b>	<b><u>F16K 27/-</u></b>	<b><u>F23D 1/-</u></b>
2017307584	<b><u>E02D 19/-</u></b>		2017341596	2016426210	2017320332
2017323432	2017321804	<b><u>E21C 41/-</u></b>	<b><u>F03D 9/-</u></b>	<b><u>F16K 3/-</u></b>	<b><u>F23N 5/-</u></b>
<b><u>D06F 33/-</u></b>	<b><u>E02D 5/-</u></b>	2017322093	2017341596	2016426210	2017321701
2017316015	2017321804	<b><u>E21C 47/-</u></b>	<b><u>F03G 7/-</u></b>	<b><u>F16K 31/-</u></b>	<b><u>F24B 1/-</u></b>
<b><u>D06F 37/-</u></b>	2018227698	2017322093	2017319402	2016426210	2017321701
2017306233	<b><u>E02F 9/-</u></b>	2017313536	<b><u>F04B 23/-</u></b>	2017325585	<b><u>F24C 3/-</u></b>
2017316015	2017310312	<b><u>E21D 21/-</u></b>	2016426210	<b><u>F16L 1/-</u></b>	2017321701
2017316101	<b><u>E03C 1/-</u></b>	2017323141	<b><u>F04B 47/-</u></b>	2017328982	<b><u>F24F 11/-</u></b>
<b><u>D06F 39/-</u></b>	2017306587	<b><u>F02B 45/-</u></b>	2016426210	2017328983	2017302766
2017316015	<b><u>E04B 1/-</u></b>	2017320332	<b><u>F04B 9/-</u></b>	2018234437	2017305408
2017316101	2017304932	<b><u>F02B 55/-</u></b>	2016426210	<b><u>F16L 101/-</u></b>	<b><u>F24F 13/-</u></b>
<b><u>D06F 58/-</u></b>	2017326927	2017320332	<b><u>F04B 9/-</u></b>	2017302676	2017324277
2017316015	<b><u>E04C 5/-</u></b>	<b><u>F02B 77/-</u></b>	<b><u>F04F 1/-</u></b>	<b><u>F16L 21/-</u></b>	<b><u>F24H 1/-</u></b>
2017316101	2017303920	2017324990	2017319230	2017306587	2017310515
<b><u>D21C 3/-</u></b>	2017323389	<b><u>F02C 1/-</u></b>	<b><u>F04F 13/-</u></b>	<b><u>F16L 37/-</u></b>	<b><u>F24H 4/-</u></b>
2017327762	<b><u>E04F 10/-</u></b>	2017319585	2016426210	2017306587	2017310515
<b><u>D21C 9/-</u></b>	2017317377	<b><u>F02C 3/-</u></b>	<b><u>F04F 5/-</u></b>	<b><u>F16L 41/-</u></b>	<b><u>F24H 6/-</u></b>
2017327762	2017317378	2017319585	2017319230	2017305980	2017310515
<b><u>D21D 1/-</u></b>	<b><u>E04H 12/-</u></b>	<b><u>F02D 19/-</u></b>	<b><u>F04F 7/-</u></b>	<b><u>F16L 47/-</u></b>	<b><u>F24V 30/-</u></b>
2017327762	2018227698	2017320332	2017319230	2017306587	2017333893
<b><u>E01B 29/-</u></b>	<b><u>E04H 15/-</u></b>	<b><u>F02M 35/-</u></b>	<b><u>F15B 13/-</u></b>	<b><u>F16L 55/-</u></b>	<b><u>F25B 1/-</u></b>
2017332217	2017317377	2017332131	2016425821	2017302676	2017349526
<b><u>E01B 31/-</u></b>	2017317378	<b><u>F02M 37/-</u></b>	<b><u>F15C 1/-</u></b>	<b><u>F16L 57/-</u></b>	<b><u>F28D 19/-</u></b>
2017332217	<b><u>E04H 4/-</u></b>	2017320332	2017318725	2017320458	2017313655
<b><u>E01B 5/-</u></b>	2017324272	<b><u>F02M 43/-</u></b>	<b><u>F16B 2/-</u></b>	<b><u>F16M 13/-</u></b>	<b><u>F41A 23/-</u></b>
2017321433	<b><u>E06B 9/-</u></b>	2017320332	2017302659	2016420717	2016425653
<b><u>E01C 11/-</u></b>	2017305133	<b><u>F02M 61/-</u></b>	<b><u>F16H 19/-</u></b>	2017302659	<b><u>F41A 9/-</u></b>
2017357418	<b><u>E21B 17/-</u></b>	2017320332	2017327538	<b><u>F17C 11/-</u></b>	2017320643
<b><u>E01C 23/-</u></b>	2017318540	<b><u>F02M 67/-</u></b>	<b><u>F16H 35/-</u></b>	<b><u>F17D 5/-</u></b>	2017344297
2018246069	2017320458	2017320332	2017327538	2017302676	<b><u>F41B 11/-</u></b>
<b><u>E01C 7/-</u></b>	<b><u>E21B 19/-</u></b>	<b><u>F03B 13/-</u></b>	<b><u>F16K 11/-</u></b>	<b><u>F21K 2/-</u></b>	2017321499
2017357418	2018234437	2017306409	2016426210	2016406378	<b><u>F41F 1/-</u></b>
<b><u>E02B 17/-</u></b>	<b><u>E21B 33/-</u></b>	2017316567	<b><u>F16K 15/-</u></b>	<b><u>F21S 9/-</u></b>	2016425653
2017352093	2017334854	<b><u>F03B 17/-</u></b>	2017325585	2017306409	
<b><u>E02B 3/-</u></b>	<b><u>E21B 41/-</u></b>	2016425821			
2017321804	2017315862	2016426210			

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

<b><u>F42B 12 /-</u></b>	2017316828	<b><u>G05D 23 /-</u></b>		<b><u>G16B 25 /-</u></b>	<b><u>H02G 9 /-</u></b>
2017320928	<b><u>G01N 30 /-</u></b>	2017305408	<b><u>G06N 99 /-</u></b>	2017315769	2018209057
<b><u>F42B 39 /-</u></b>	2017318661	<b><u>G05D 25 /-</u></b>	2016423167 2016423191	<b><u>G16C 10 /-</u></b>	<b><u>H02J 1 /-</u></b>
2017320643	<b><u>G01N 33 /-</u></b>	2017314486	<b><u>G06Q 10 /-</u></b>	2017315769	2017371964
<b><u>G01B 11 /-</u></b>	2017307584 2017314151	<b><u>G05D 9 /-</u></b>	2017309136 2017315411	<b><u>G16H 10 /-</u></b>	<b><u>H02J 13 /-</u></b>
2017319785	2017315328 2017318907	2017318725	2017319582 2018246069	2017314767	2017312360
<b><u>G01B 17 /-</u></b>	2017319325 2017324859	<b><u>G05F 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G21B 1 /-</u></b>	<b><u>H02J 3 /-</u></b>
2017313536	2017325009 2017325983	2017314486	2017307295 2017319373	2017319402	2016416657 2017312360 2017371964
<b><u>G01C 21 /-</u></b>	2017328633 2017334224	<b><u>G05G 1 /-</u></b>	2017321895 2017324176	<b><u>H01H 33 /-</u></b>	<b><u>H02J 4 /-</u></b>
2017319582	2017334698	2017327538	2017324327 2017331513	2017334269	<b><u>H02J 4 /-</u></b>
<b><u>G01F 1 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G05G 5 /-</u></b>		<b><u>H01J 49 /-</u></b>	2018209057
2017316131 2017318725	2017315215 2017376194	2017327538	<b><u>G06Q 30 /-</u></b>	2017318661	<b><u>H02J 7 /-</u></b>
<b><u>G01L 13 /-</u></b>	2017380103	<b><u>G06F 13 /-</u></b>	2017304230	<b><u>H01L 21 /-</u></b>	2017307163 2017320323
2017337325	<b><u>G01S 13 /-</u></b>	2016429466	<b><u>G06Q 40 /-</u></b>	2017320331	<b><u>H02K 1 /-</u></b>
<b><u>G01L 19 /-</u></b>	2017344436	<b><u>G06F 16 /-</u></b>	2017324176	<b><u>H01L 23 /-</u></b>	2016424895
2017337325	<b><u>G01S 7 /-</u></b>	2017319785 2017320908	<b><u>G06Q 50 /-</u></b>	2017302659	<b><u>H02K 3 /-</u></b>
<b><u>G01L 5 /-</u></b>	2017344436	2017321715 2017326373	2017313432 2017321895	<b><u>H01M 10 /-</u></b>	2016424895
2017313536	<b><u>G01V 1 /-</u></b>	2017408801	2018246069 2018286430	2017307163 2017320323	<b><u>H02K 37 /-</u></b>
<b><u>G01M 3 /-</u></b>	2016426155 2016429682	<b><u>G06F 17 /-</u></b>	<b><u>G06T 11 /-</u></b>		2017310507
2017302676	2016429758 2017360850	2017304230 2017321872	2017360851	<b><u>H01M 2 /-</u></b>	<b><u>H02K 7 /-</u></b>
<b><u>G01N 1 /-</u></b>	2017360851	2017326373 2017354183	<b><u>G06T 15 /-</u></b>	2017307163	2017341596
2017318135 2017318136	<b><u>G02B 27 /-</u></b>	2017408801	2017354183	2017320323	<b><u>H02K 37 /-</u></b>
<b><u>G01N 15 /-</u></b>	2017317599 2017320166	<b><u>G06F 21 /-</u></b>	<b><u>G06T 17 /-</u></b>	<b><u>H01M 2 /-</u></b>	2017310507
2017314151	2017321192	2017316222 2017321895	2017310075 2017354183	2017307163	<b><u>H02K 7 /-</u></b>
<b><u>G01N 21 /-</u></b>	<b><u>G02B 5 /-</u></b>	2017332620 2017340266	2017360851	<b><u>H01Q 1 /-</u></b>	2017341596
2017319785 2017321979 2017324859	2017321891	<b><u>G06F 3 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H03K 19 /-</u></b>
<b><u>G01N 23 /-</u></b>	<b><u>G02B 6 /-</u></b>	2017310075 2017317599	2017354183 2017360851	2017344436 2017356712	2016423167
2017319785	2017316594	2017320166 2017326373	<b><u>G06T 17 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04B 1 /-</u></b>
<b><u>G01N 24 /-</u></b>	<b><u>G02C 5 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G07F 13 /-</u></b>	2017356712	2016420717 2017316222
2017376194	2017321192	2017310075 2017317599	2017313039	<b><u>H01R 11 /-</u></b>	<b><u>H04B 10 /-</u></b>
<b><u>G01N 27 /-</u></b>	<b><u>G03G 15 /-</u></b>	2017320166 2017326373	<b><u>G06T 19 /-</u></b>	2017307163	2017319129
2017302676 2017318661	2017337463	2017321715 2017340920	<b><u>G07G 1 /-</u></b>	<b><u>H01R 12 /-</u></b>	<b><u>H04B 17 /-</u></b>
<b><u>G01N 29 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06K 19 /-</u></b>	2017324327	2017330506	2017339375
2017313536	2017315862 2017322337	2017319785	<b><u>G08G 1 /-</u></b>	<b><u>H01R 24 /-</u></b>	<b><u>H04B 7 /-</u></b>
<b><u>G01N 3 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06K 9 /-</u></b>	2018246069	2017327891	2017323374 2017332423 2017339375 2017340252 2017345760
2017313536	2017346492	2017306320 2017354183	<b><u>G09B 15 /-</u></b>	<b><u>H02B 13 /-</u></b>	<b><u>H04H 20 /-</u></b>
<b><u>G01N 3 /-</u></b>		<b><u>G06N 3 /-</u></b>	2017316336	2017321027	2017316222
2017313536		2017317599	<b><u>G10L 19 /-</u></b>	<b><u>H02B 7 /-</u></b>	<b><u>H04J 14 /-</u></b>
			2017327387	2018209057	2017319129

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

<b><u>H04J 3 /-</u></b>	<b><u>H04W 12 /-</u></b>
2017332620	2017321895
<b><u>H04L 12 /-</u></b>	<b><u>H04W 16 /-</u></b>
2017298468	2017323374
2017308733	
<b><u>H04L 25 /-</u></b>	<b><u>H04W 24 /-</u></b>
2017339375	2017323374
	2017338030
<b><u>H04L 29 /-</u></b>	<b><u>H04W 36 /-</u></b>
2017298468	2017338030
2017306302	
2017307650	<b><u>H04W 4 /-</u></b>
2017321895	2017303125
2017330232	2017304230
2017332620	
<b><u>H04L 5 /-</u></b>	<b><u>H04W 48 /-</u></b>
2017340252	2017323374
<b><u>H04L 9 /-</u></b>	<b><u>H04W 52 /-</u></b>
2016422576	2017330524
2017307295	
2017321895	<b><u>H04W 68 /-</u></b>
2017330232	2016416776
2017332620	
2017340266	<b><u>H04W 72 /-</u></b>
<b><u>H04M 1 /-</u></b>	2016420664
2016420717	2017340252
<b><u>H04M 3 /-</u></b>	<b><u>H04W 74 /-</u></b>
2017298468	2017330524
2017306302	
<b><u>H04M 7 /-</u></b>	<b><u>H04W 84 /-</u></b>
2017306302	2017330524
<b><u>H04N 21 /-</u></b>	<b><u>H05B 37 /-</u></b>
2017307650	2017314486
2017310075	
2017320166	<b><u>H05B 39 /-</u></b>
	2017314486
<b><u>H04N 5 /-</u></b>	<b><u>H05H 1 /-</u></b>
2017325566	2017319402
<b><u>H04N 7 /-</u></b>	<b><u>H05K 1 /-</u></b>
2017319129	2016423191
	2017321872
<b><u>H04R 25 /-</u></b>	2017330506
2017318955	
<b><u>H04R 29 /-</u></b>	<b><u>H05K 3 /-</u></b>
2017327387	2017330506
<b><u>H04R 5 /-</u></b>	<b><u>H05K 7 /-</u></b>
2017327387	2017324277

Applications Accepted

Name Index

- 
- (71) ADC BioTechnology Ltd  
 (11) AU-B-2014259160  
 (21) 2014259160 (22) 25.04.2014  
 (54) Method of synthesising ADCs using affinity resins  
 (51) Int. Cl.  
**A61K 47/50** ( 2017.01 )  
 (87) WO2014/174316  
 (31) 1307574.2 (32) 26.04.13 (33) GB  
 (43) 30.10.2014  
 (44) 21.03.2019  
 (72) Evans, David John; McKee, Colin Martin  
 (74) Spruson & Ferguson
- 
- (71) Advanced Breath Diagnostics, LLC  
 (11) AU-B-2014302707  
 (21) 2014302707 (22) 24.06.2014  
 (54) Gastric emptying breath tests  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (87) WO2014/209975  
 (31) 13/926,715 (32) 25.06.13 (33) US  
 (43) 31.12.2014  
 (44) 21.03.2019  
 (72) Williams, Catherine Elizabeth; Crabtree, Shane Anthony  
 (74) WRAYS PTY LTD
- 
- (71) Advance Research System, LLC  
 (11) AU-B-2016354511  
 (21) 2016354511 (22) 11.11.2016  
 (54) Surgical tools having application for spinal surgical procedures and method of use  
 (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
 (87) WO2017/083653  
 (31) 14/941,046 (32) 13.11.15 (33) US  
 (43) 18.05.2017  
 (44) 21.03.2019  
 (72) Abbasi, Hamid R.  
 (74) Phoenix Intellectual Property
- 
- (71) Aegis Medical Technologies, LLC  
 (11) AU-B-2017251692  
 (21) 2017251692 (22) 23.10.2017  
 (54) Multi-lumen catheter  
 (51) Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**A61M 3/00** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/14** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
 (43) 09.11.2017
- 
- (71) Airbus Defence and Space GmbH; MBDA France  
 (11) AU-B-2015326692  
 (21) 2015326692 (22) 24.09.2015  
 (54) Method for producing a double-walled thermostructural monolithic composite part, and part produced  
 (51) Int. Cl.  
**C04B 35/80** ( 2006.01 )  
**B29C 70/24** ( 2006.01 )  
 (87) WO2016/051031  
 (31) 1402221 (32) 02.10.14 (33) FR  
 (43) 07.04.2016  
 (44) 21.03.2019  
 (72) Bouchez, Marc; Beyer, Steffen; Schmidt-Wimmer, Stephan  
 (74) Griffith Hack
- 
- (71) Alcyone LifeSciences, Inc.  
 (11) AU-B-2014281682  
 (21) 2014281682 (22) 17.06.2014  
 (54) Methods and devices for protecting catheter tips and stereotactic fixtures for microcatheters  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
 (87) WO2014/204954  
 (31) 61/984,061 (32) 25.04.14 (33) US  
 61/835,905 17.06.13 US  
 (43) 24.12.2014  
 (44) 21.03.2019  
 (72) Singh, Deep Arjun; Anand, P. J.  
 (74) Spruson & Ferguson
- 
- (71) Alibaba Group Holding Limited  
 (11) AU-B-2016313650  
 (21) 2016313650 (22) 23.08.2016  
 (54) Verifying source addresses associated with a terminal  
 (51) Int. Cl.
- 
- (44) 21.03.2019  
 (62) 2013251786  
 (72) Clark, Timothy W. I.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ainsworth Game Technology Limited  
 (11) AU-B-2015201304  
 (21) 2015201304 (22) 12.03.2015  
 (54) Devices and methodologies for implementing redundant backups in NVRAM reliant environments  
 (51) Int. Cl.  
**A63F 13/79** ( 2014.01 )  
**A63F 13/77** ( 2014.01 )  
 (31) 2014900833 (32) 12.03.14 (33) AU  
 (43) 01.10.2015  
 (44) 21.03.2019  
 (72) Bruzzese, Vincent Carmelo; Gnanasundram, Baheerathan; Tan, Patrick; Paykin, Bronislav; Weekes, Lee; Mulia, Tony  
 (74) Shelston IP Pty Ltd.
- 
- (71) Anagnostopoulos, C.  
 (11) AU-B-2014282904  
 (21) 2014282904 (22) 20.06.2014  
 (54) Intra-aortic balloon apparatus, assist devices and methods for improving flow, counterpulsation and haemodynamics  
 (51) Int. Cl.  
**A61M 1/10** ( 2006.01 )  
 (87) WO2014/203078  
 (31) 61/837,173 (32) 20.06.13 (33) US  
 (43) 24.12.2014  
 (44) 21.03.2019  
 (72) Anagnostopoulos, Constantinos  
 (74) Spruson & Ferguson
- 
- (71) Andreas Hettich GmbH & Co.KG  
 (11) AU-B-2017201387  
 (21) 2017201387 (22) 28.02.2017  
 (54) Feeding apparatus  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
 (31) 10 2016 103 639.0 (32) 01.03.16 (33) DE  
 (43) 21.09.2017  
 (44) 21.03.2019  
 (72) Eberle, Klaus-Guenter  
 (74) Krouzer IP
- 
- (71) Anheuser-Busch Inbev SA  
 (11) AU-B-2014372687  
 (21) 2014372687 (22) 19.12.2014  
 (54) Beverage dispensing device for dispensing different types of beverages or beverage components  
 (51) Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
 (87) WO2015/097085  
 (31) 13199702.5 (32) 27.12.13 (33) EP  
 (43) 02.07.2015
- 
- (71) AMO Development, LLC  
 (11) AU-B-2017265098  
 (21) 2017265098 (22) 23.11.2017  
 (54) Robust laser cutting methods for ophthalmic surgery  
 (51) Int. Cl.  
**A61F 9/008** ( 2006.01 )  
 (43) 14.12.2017  
 (44) 21.03.2019  
 (62) 2014207520  
 (72) Fu, Hong; Tamkin, John M.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) H04L 29/06 ( 2006.01 )  
 (87) WO2017/035151  
 (31) 201510524597.4 (32) 24.08.15 (33) CN  
 15/243,507 22.08.16 US  
 (43) 02.03.2017  
 (44) 21.03.2019  
 (72) Deng, Gaoliang  
 (74) Davies Collison Cave Pty Ltd
-

Applications Accepted - Name Index cont'd

(44) 21.03.2019  
 (72) Peirsman, Daniel; Vandekerckhove, Stijn  
 (74) Adams Pluck

---

(71) Ansar Diseno Limitada  
 (11) AU-B-2015278747  
 (21) 2015278747 (22) 24.06.2015  
 (54) A bucket for a rope shovel  
 (51) Int. Cl.  
*E02F 3/40* ( 2006.01 )  
*E02F 3/60* ( 2006.01 )  
*E02F 9/28* ( 2006.01 )

(87) WO2015/198248  
 (31) CL1727-2014 (32) 26.06.14 (33) CL  
 (43) 30.12.2015  
 (44) 21.03.2019  
 (72) Garcia-Huidobro Valdivieso, Alfredo  
 (74) Collison & Co

---

(71) Apple Inc.  
 (11) AU-B-2016233792  
 (21) 2016233792 (22) 26.02.2016  
 (54) Touch input cursor manipulation  
 (51) Int. Cl.  
*G06F 3/0488* ( 2013.01 )

(87) WO2016/148875  
 (31) 62/215,720 (32) 08.09.15 (33) US  
 14/864,737 24.09.15 US  
 62/172,162 07.06.15 US  
 62/135,619 19.03.15 US  
 62/213,593 02.09.15 US

(43) 22.09.2016  
 (44) 21.03.2019  
 (72) Alonso Ruiz, Marcos; Lemay, Stephen O.; Jon, Tiffany S.; King, Nicholas V.; Chaudhri, Imran A.; Coffman, Patrick L.; Winer, Morgan H.; Jong, Nicholas K.; Fettes, Alastair K.; Federighi, Craig M.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2016304890  
 (21) 2016304890 (22) 10.08.2016  
 (54) Devices and methods for processing touch inputs based on their intensities  
 (51) Int. Cl.  
*G06F 3/041* ( 2006.01 )  
*G06F 3/0488* ( 2013.01 )

(87) WO2017/027632  
 (31) 62/203,387 (32) 10.08.15 (33) US  
 62/215,621 08.09.15 US  
 14/866,992 27.09.15 US  
 62/213,589 02.09.15 US

(43) 16.02.2017  
 (44) 21.03.2019  
 (72) Hajas, Peter L.; Teustchler, Sophia; Gutknecht, Olivier D.R.; Barrett, Colin H.; Kocienda, Kenneth L.; Wells, Nicole M.; Karunamuni, Chanaka G.; Alonso Ruiz, Marcos; Apodaca, Gregory M.; Dascola, Jonathan R.; Foss, Christopher P.; Jurewitz, Michael T.; Montgomerie, James T.; Ridsdale, Kevin E.; Westerman, Wayne C.; Winer, Morgan H.; Bijamov, Alex; Xiao, Jacob A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2017266867  
 (21) 2017266867 (22) 11.05.2017  
 (54) User interface for a device requesting remote authorization  
 (51) Int. Cl.  
*G06F 21/10* ( 2013.01 )  
*G06F 21/31* ( 2013.01 )  
*G06F 21/34* ( 2013.01 )  
*G06F 21/35* ( 2013.01 )  
*G06Q 20/08* ( 2012.01 )  
*G06Q 20/16* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )

(87) WO2017/200846  
 (31) PA 2016 70628 (32) 16.08.16 (33) DK  
 15/269,801 19.09.16 US  
 62/338,994 19.05.16 US  
 62/347,852 09.06.16 US

(43) 23.11.2017  
 (44) 21.03.2019  
 (72) Van Os, Marcel; Anton, Peter D.; Dick-er, George R.; Pitschel, Donald W.; Sherer, Nicholas J.; Alabi, Oluwatomiwa B.; Diederich, Anton K.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Applied Genetic Technologies Corpora-tion  
 (11) AU-B-2015247777  
 (21) 2015247777 (22) 15.04.2015  
 (54) Codon optimized nucleic acid encoding a retinitis pigmentosa GTPase regulator (RPGR)  
 (51) Int. Cl.  
*C12N 9/00* ( 2006.01 )  
*C12N 15/00* ( 2006.01 )  
*C12N 15/64* ( 2006.01 )  
*C12P 21/06* ( 2006.01 )

(87) WO2015/160893  
 (31) 61/979,633 (32) 15.04.14 (33) US  
 (43) 22.10.2015  
 (44) 21.03.2019  
 (72) Ye, Guo-Jie; Liu, Jilin  
 (74) Pizzeys Patent and Trade Mark Attor-neys Pty Ltd

---

(71) Ascent Aerospace Ltd  
 (11) AU-B-2015281737  
 (21) 2015281737 (22) 23.06.2015  
 (54) Personnel carrying devices  
 (51) Int. Cl.  
*B64D 25/06* ( 2006.01 )  
*A62B 35/00* ( 2006.01 )  
*H02G 1/02* ( 2006.01 )

(87) WO2015/196283  
 (31) 2,854,894 (32) 23.06.14 (33) CA  
 (43) 30.12.2015  
 (44) 21.03.2019  
 (72) Lemke, Trent  
 (74) Allens Patent & Trade Mark Attorneys

---

(71) Bayer Intellectual Property GmbH  
 (11) AU-B-2017203474  
 (21) 2017203474 (22) 24.05.2017  
 (54) USE OF SUBSTI-TUTED 2,3-DIHYDROIM-IDAZO[1,2-C]QUINAZOLINES  
 (51) Int. Cl.  
*A61K 31/517* ( 2006.01 )

*A61P 35/00* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )

(43) 08.06.2017  
 (44) 21.03.2019  
 (62) 2012238887  
 (72) LIU, Ningshu; SCHNEIDER, Claudia  
 (74) Griffith Hack

---

(71) Becton, Dickinson and Company  
 (11) AU-B-2016346887  
 (21) 2016346887 (22) 06.10.2016  
 (54) Ergonomic IV systems  
 (51) Int. Cl.  
*A61M 25/06* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )

(87) WO2017/074682  
 (31) 15/286,168 (32) 05.10.16 (33) US  
 62/247,596 28.10.15 US  
 62/247,607 28.10.15 US  
 62/296,385 17.02.16 US  
 62/247,599 28.10.15 US  
 62/296,383 17.02.16 US  
 62/247,621 28.10.15 US  
 62/247,624 28.10.15 US  
 62/247,617 28.10.15 US  
 62/247,626 28.10.15 US

(43) 04.05.2017  
 (44) 21.03.2019  
 (72) Burkholz, Jonathan Karl; Peterson, Bart D.; Liu, Huibin; Bornhoft, Stephen T.; Harding, Weston F.; Zhang, Young; Sonderegger, Ralph L.; Wang, Bin  
 (74) FB Rice Pty Ltd

---

(71) Becton, Dickinson and Company  
 (11) AU-B-2018202383  
 (21) 2018202383 (22) 04.04.2018  
 (54) Septum actuator with insertion depth limiter and compression compensator  
 (51) Int. Cl.  
*A61M 39/24* ( 2006.01 )  
*A61M 39/26* ( 2006.01 )

(43) 26.04.2018  
 (44) 21.03.2019  
 (62) 2014216568  
 (72) Ma, Yiping  
 (74) FB Rice Pty Ltd

---

(71) Bedford Industries, Inc.  
 (11) AU-B-2014318239  
 (21) 2014318239 (22) 26.08.2014  
 (54) Labeling sleeve assembly, and methods of manufacturing and use thereof  
 (51) Int. Cl.  
*G09F 3/14* ( 2006.01 )  
*G09F 3/10* ( 2006.01 )  
*G09F 3/02* ( 2006.01 )

(87) WO2015/038326  
 (31) 61/911,065 (32) 03.12.13 (33) US  
 61/877,498 13.09.13 US  
 (43) 19.03.2015  
 (44) 21.03.2019  
 (72) Maltas, Jeffrey S.; Wintz, Trevor; Schiller, David; O'Donnell, Colin M.  
 (74) Acacia Law

Applications Accepted - Name Index cont'd

(71) Beijing Goldwind Science & Creation  
Windpower Equipment Co., Ltd.  
(11) AU-B-2016292053  
(21) 2016292053 (22) 11.07.2016  
(54) Heat dissipation retaining structure  
for heat production device, installation  
method thereof, and wind turbine gen-  
erator set  
(51) Int. Cl.  
*F03D 13/00* ( 2016.01 )  
(87) WO2017/008714  
(31) 201510405679.7 (32) 10.07.15 (33) CN  
(43) 19.01.2017  
(44) 21.03.2019  
(72) Ma, Shengjun; Ma, Wanshun  
(74) Madderns Pty Ltd

(71) Belfast Health and Social Care Trust;  
The Queen's University of Belfast  
(11) AU-B-2013276248  
(21) 2013276248 (22) 13.06.2013  
(54) Biomarker of renal dysfunction  
(51) Int. Cl.  
*G01N 33/68* ( 2006.01 )  
(87) WO2013/186564  
(31) 1210587.0 (32) 14.06.12 (33) GB  
(43) 19.12.2013  
(44) 21.03.2019  
(72) McBride, William Thomas; Armstrong,  
Marilyn  
(74) Wrays

(71) Bingo Trademarks Pty Ltd  
(11) AU-B-2014202840  
(21) 2014202840 (22) 23.05.2014  
(54) Safety system for a skip bin truck  
(51) Int. Cl.  
*B62D 25/22* ( 2006.01 )  
*B60P 1/64* ( 2006.01 )  
*B65F 3/00* ( 2006.01 )  
(43) 10.12.2015  
(44) 21.03.2019  
(72) Tartak, Daniel Charbel  
(74) Davies Collison Cave Pty Ltd

(71) Biogen MA Inc.  
(11) AU-B-2017201658  
(21) 2017201658 (22) 10.03.2017  
(54) Methods for determining differences  
in alpha-4 integrin activity by correlat-  
ing differences in sVCAM and/or sMA-  
CAM levels  
(51) Int. Cl.  
*G01N 33/566* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
(43) 30.03.2017  
(44) 21.03.2019  
(62) 2011323820  
(72) CHACKERIAN, Alissa A.  
(74) Griffith Hack

(71) Blackstone Medical, Inc.  
(11) AU-B-2014235370  
(21) 2014235370 (22) 12.03.2014  
(54) Composite spinal interbody device and  
method  
(51) Int. Cl.

*A61B 17/56* ( 2006.01 )  
*A61B 17/58* ( 2006.01 )  
*A61B 17/70* ( 2006.01 )  
*A61B 17/80* ( 2006.01 )  
*A61F 2/02* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
*A61F 2/44* ( 2006.01 )  
(87) WO2014/151016  
(31) 13/842,743 (32) 15.03.13 (33) US  
(43) 25.09.2014  
(44) 21.03.2019  
(72) Fang, Samuel; Larosa, Francesco;  
Klein, James  
(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Bluebird Bio, Inc.  
(11) AU-B-2018203687  
(21) 2018203687 (22) 25.05.2018  
(54) Improved methods for manufacturing  
adoptive cell therapies  
(51) Int. Cl.  
*A61K 35/17* ( 2015.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 5/16* ( 2006.01 )  
(43) 21.06.2018  
(44) 21.03.2019  
(62) 2015249376  
(72) MORGAN, Richard; FRIEDMAN, Kevin;  
MAIER, Dawn  
(74) Davies Collison Cave Pty Ltd

(71) BOARD & BATTEN INTERNATIONAL  
INC  
(11) AU-B-2018200196  
(21) 2018200196 (22) 10.01.2018  
(54) TRAMPOLINE  
(51) Int. Cl.  
*A63B 5/11* ( 2006.01 )  
(43) 01.02.2018  
(44) 21.03.2019  
(62) 2012269806  
(72) Miller, David Jethro; Alexander, Keith  
Vivian  
(74) AJ PARK

(71) Boston Pharmaceuticals Inc.  
(11) AU-B-2015244025  
(21) 2015244025 (22) 07.04.2015  
(54) Binding molecules specific for IL-21 and  
uses thereof  
(51) Int. Cl.  
*C07K 16/42* ( 2006.01 )  
*A61K 8/64* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
(87) WO2015/157238  
(31) 61/976,684 (32) 08.04.14 (33) US  
(43) 15.10.2015  
(44) 21.03.2019  
(72) Ettinger, Catherine; Karnell, Jodi; Dam-  
schroder, Melissa; Chowdhury, Partha;  
Xiao, Xiaodong; Tsui, Ping; Varkey,  
Reena; Drabic, Stacey; Carter, Laura;  
Herbst, Ronald; Du, Qun; Naiman, Bri-  
an Michael  
(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Bristol-Myers Squibb Comapny  
(11) AU-B-2014305090  
(21) 2014305090 (22) 28.07.2014  
(54) Injection aid for use with an injection  
device and method of use  
(51) Int. Cl.  
*A61M 5/00* ( 2006.01 )  
*A61M 5/32* ( 2006.01 )  
(87) WO2015/020823  
(31) 61/863,229 (32) 07.08.13 (33) US  
(43) 12.02.2015  
(44) 21.03.2019  
(72) Schiller, Eric; Kakade, Prashant; Nogu-  
chi, Hiroo; Harada, Takuji; Fukushima,  
Hideo  
(74) AJ PARK

(71) Brita LP  
(11) AU-B-2014366937  
(21) 2014366937 (22) 08.12.2014  
(54) Container for filter-as-you-pour system  
(51) Int. Cl.  
*B01D 27/00* ( 2006.01 )  
(87) WO2015/094752  
(31) 61/940,101 (32) 14.02.14 (33) US  
14/132,134 18.12.13 US  
(43) 25.06.2015  
(44) 21.03.2019  
(72) Dani, Nikhil P.; McDonald, Jonathan;  
Doan, Nicole; Wiegele, Jonathan Taylor  
(74) Shelston IP Pty Ltd.

**Brown, D. see Gagnon, S.**  
(21) 2016270573

(71) Cardiac Pacemakers, Inc.  
(11) AU-B-2017263345  
(21) 2017263345 (22) 10.05.2017  
(54) Thermoset polyisobutylene-polyureth-  
anes and methods for making  
(51) Int. Cl.  
*C08G 18/48* ( 2006.01 )  
*C08G 18/24* ( 2006.01 )  
*C08G 18/66* ( 2006.01 )  
*C08G 18/76* ( 2006.01 )  
*C09D 175/04* ( 2006.01 )  
(87) WO2017/196913  
(31) 62/333,958 (32) 10.05.16 (33) US  
(43) 16.11.2017  
(44) 21.03.2019  
(72) Delaney Jr., Joseph T.; Kane, Michael  
J.; Cunningham, Laura  
(74) Spruson & Ferguson

(71) CareFusion 303, Inc.  
(11) AU-B-2017200833  
(21) 2017200833 (22) 07.02.2017  
(54) Fluid flow control by a non-pinching  
valve  
(51) Int. Cl.  
*A61M 5/168* ( 2006.01 )  
*A61M 39/22* ( 2006.01 )  
(43) 23.02.2017

Applications Accepted - Name Index cont'd

(44) 21.03.2019  
 (62) 2013274581  
 (72) Mansour, George; Zollinger, Chris; Yeh, Jonathan; Clarke, Christopher J.  
 (74) FB Rice Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2015258270  
 (21) 2015258270 (22) 20.11.2015  
 (54) TORQUE CONVERTER WITH DI-VIDER AND STATOR CLUTCH  
 (51) Int. Cl.  
*F16H 61/14* ( 2006.01 )  
 (31) 14/560,970 (32) 04.12.14 (33) US  
 (43) 23.06.2016  
 (44) 21.03.2019  
 (72) FURCOIU, Aurelian Ioan  
 (74) FPA Patent Attorneys Pty Ltd

(71) Celgene Quanticel Research, Inc.  
 (11) AU-B-2015279719  
 (21) 2015279719 (22) 25.06.2015  
 (54) Histone demethylase inhibitors  
 (51) Int. Cl.  
*C07D 311/20* ( 2006.01 )  
*C07D 401/12* ( 2006.01 )  
 (87) WO2015/200709  
 (31) 62/017,201 (32) 25.06.14 (33) US  
 (43) 30.12.2015  
 (44) 21.03.2019  
 (72) Boloor, Amogh; Chen, Young K.; Wallace, Michael Brennan  
 (74) Spruson & Ferguson

(71) Centro de Ingenieria Genetica y Biotecnologia  
 (11) AU-B-2017221776  
 (21) 2017221776 (22) 30.08.2017  
 (54) Method for obtaining 1-kestose  
 (51) Int. Cl.  
*C12P 19/18* ( 2006.01 )  
*A23L 2/60* ( 2006.01 )  
*C07H 3/06* ( 2006.01 )  
 (43) 21.09.2017  
 (44) 21.03.2019  
 (62) 2013317358  
 (72) Perez Cruz, Enrique Rosendo; Hernandez Garcia, Lazaro; Martinez Garcia, Duniesky; Trujillo Toledo, Luis Enrique; Menendez Rodriguez, Carmen; Sobrino Legon, Alina; Ramirez Ibanez, Ricardo; Feijoo Costa, Gumersindo; Lema Rodicio, Juan Manuel  
 (74) Shelston IP Pty Ltd.

(71) Chevron U.S.A. Inc.  
 (11) AU-B-2018202812  
 (21) 2018202812 (22) 23.04.2018  
 (54) Process, method, and system for removing heavy metals from fluids  
 (51) Int. Cl.  
*B01D 47/00* ( 2006.01 )  
 (43) 10.05.2018

(44) 21.03.2019  
 (62) 2013312430  
 (72) O'Rear, Dennis John; Cooper, Russell Evan; Sheu, Feng-Ran; Belue, Jordan Taylor  
 (74) FPA Patent Attorneys Pty Ltd

(71) China University of Mining and Technology  
 (11) AU-B-2016403035  
 (21) 2016403035 (22) 12.12.2016  
 (54) Device for emulsification and controlled addition of flotation agent  
 (51) Int. Cl.  
*B03D 1/14* ( 2006.01 )  
 (87) WO2017/177703  
 (31) 201610229267.7 (32) 13.04.16 (33) CN  
 (43) 19.10.2017  
 (44) 21.03.2019  
 (72) Gui, Xiahui; Xing, Yaowen; Cao, Yijun; Li, Chenwei; Yang, Zili; Wang, Dongyue  
 (74) Michael Buck IP

(71) China University of Mining and Technology  
 (11) AU-B-2017393408  
 (21) 2017393408 (22) 20.06.2017  
 (54) Pneumatic self-propelled impact rock breaking device with the assistance of ultra-high-pressure pulsed jet flow  
 (51) Int. Cl.  
*E21B 1/00* ( 2006.01 )  
 (31) 2017104310513 (32) 09.06.17 (33) CN  
 (43) 03.01.2019  
 (44) 21.03.2019  
 (72) Jiang, Hongxiang; Du, Changlong; Liu, Songyong; Liu, Zenghui; Li, Hongsheng; Yang, Daolong; Gao, Kuidong  
 (74) Madders Pty Ltd

(71) Cixi Qicheng Machinery Technology Co., Ltd.  
 (11) AU-B-2019200533  
 (21) 2019200533 (22) 25.01.2019  
 (54) A Drainage Device  
 (51) Int. Cl.  
*E03F 1/00* ( 2006.01 )  
*E01F 5/00* ( 2006.01 )  
 (31) 2018104574535 (32) 14.05.18 (33) CN  
 (43) 21.03.2019  
 (44) 21.03.2019  
 (72) Yu, Yi  
 (74) Cixi Qicheng Machinery Technology Co., Ltd.

(71) Colgate-Palmolive Company  
 (11) AU-B-2016380696  
 (21) 2016380696 (22) 12.07.2016  
 (54) Mouthpiece delivery apparatus and methods of using the same  
 (51) Int. Cl.  
*A61C 19/06* ( 2006.01 )  
 (87) WO2017/116502  
 (31) 62/271,813 (32) 28.12.15 (33) US  
 (43) 06.07.2017

(44) 21.03.2019  
 (72) Demarest, Scott; Terranova, Michael; Clepper, Raymond  
 (74) Shelston IP Pty Ltd.

(71) Common Sense Ltd.  
 (11) AU-B-2015283587  
 (21) 2015283587 (22) 30.06.2015  
 (54) Diagnostic composition for identifying amniotic fluid  
 (51) Int. Cl.  
*A61F 13/42* ( 2006.01 )  
*A61F 13/15* ( 2006.01 )  
*A61L 15/16* ( 2006.01 )  
*A61L 15/56* ( 2006.01 )  
 (87) WO2016/001918  
 (31) 62/019,439 (32) 01.07.14 (33) US  
 (43) 07.01.2016  
 (44) 21.03.2019  
 (72) Hershcovitz-Fundoiano, Yifat; Pardo-Yissar, Vered; Kessary Shoham, Hadar  
 (74) PIPERS

(71) Contitech Antriebssysteme GmbH; Inventio AG  
 (11) AU-B-2015308951  
 (21) 2015308951 (22) 21.08.2015  
 (54) Belt for drive systems, in particular a belt-like tension element for elevator systems, with flame-retardant properties  
 (51) Int. Cl.  
*F16G 1/08* ( 2006.01 )  
*B66B 7/06* ( 2006.01 )  
*F16G 1/28* ( 2006.01 )  
*F16G 5/06* ( 2006.01 )  
*F16G 5/20* ( 2006.01 )  
 (87) WO2016/030298  
 (31) 10 2014 217 309.4 (32) 29.08.14 (33) DE  
 (43) 03.03.2016  
 (44) 21.03.2019  
 (72) Goser, Hubert; Brocke, Stephan  
 (74) Watermark Intellectual Property Pty Ltd

(71) Covidien LP  
 (11) AU-B-2015243218  
 (21) 2015243218 (22) 10.04.2015  
 (54) Tagged surgical instruments and methods therefor  
 (51) Int. Cl.  
*A61L 31/00* ( 2006.01 )  
*A61L 31/04* ( 2006.01 )  
 (87) WO2015/157676  
 (31) 61/978,789 (32) 11.04.14 (33) US  
 (43) 15.10.2015  
 (44) 21.03.2019  
 (72) Blair, William A.  
 (74) Spruson & Ferguson

(71) CPG Technologies, LLC.  
 (11) AU-B-2016320717  
 (21) 2016320717 (22) 22.08.2016  
 (54) Geolocation with guided surface waves  
 (51) Int. Cl.  
*G01C 21/00* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )

Applications Accepted - Name Index cont'd

**G01S 11/00** ( 2006.01 )  
**(87)** WO2017/044296  
**(31)** 14/850,056 **(32)** 10.09.15 **(33)** US  
**(43)** 16.03.2017  
**(44)** 21.03.2019  
**(72)** Corum, James F.; Corum, Kenneth L.;  
 Lilly, James D.; D'Aurelio, Michael J.  
**(74)** FB Rice Pty Ltd

**(71)** CRRC YANGTZE CO., LTD  
**(11)** AU-B-2015357969  
**(21)** 2015357969 **(22)** 22.10.2015  
**(54)** Side wall structure of open wagon  
**(51)** Int. Cl.  
**B61D 17/08** ( 2006.01 )  
**B61D 17/04** ( 2006.01 )  
**B61D 17/06** ( 2006.01 )  
**(87)** WO2016/086732  
**(31)** 201410735198.8 **(32)** 04.12.14 **(33)** CN  
**(43)** 09.06.2016  
**(44)** 21.03.2019  
**(72)** Wu, Huiping; Hu, Yaoming; Zhao,  
 Huarui; He, Yan; Lin, Liangcai; Tang,  
 Chuqiang  
**(74)** Shelston IP Pty Ltd.

**(71)** Cymer-Dayton, LLC  
**(11)** AU-B-2015247537  
**(21)** 2015247537 **(22)** 16.04.2015  
**(54)** Low toxicity solvent system for polyam-  
 ideimide and polyamide amic acid resin  
 manufacture  
**(51)** Int. Cl.  
**C09D 179/08** ( 2006.01 )  
**C08G 73/10** ( 2006.01 )  
**C08G 73/14** ( 2006.01 )  
**(87)** WO2015/161107  
**(31)** 61/981,157 **(32)** 17.04.14 **(33)** US  
 14/687,776 15.04.15 US  
**(43)** 22.10.2015  
**(44)** 21.03.2019  
**(72)** Kelly, Carissa M.; Noga, David E.; Sid-  
 enstick, John E.; Ben-Asher, Limor;  
 Kondo, Atsuo  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Daikin Industries, Ltd.  
**(11)** AU-B-2016346047  
**(21)** 2016346047 **(22)** 04.10.2016  
**(54)** Air conditioner  
**(51)** Int. Cl.  
**F24F 13/20** ( 2006.01 )  
**F24F 13/22** ( 2006.01 )  
**(87)** WO2017/073260  
**(31)** 2015-211144 **(32)** 27.10.15 **(33)** JP  
**(43)** 04.05.2017  
**(44)** 21.03.2019  
**(72)** Taruki, Yuusuke  
**(74)** Spruson & Ferguson

**(71)** Daon Holdings Limited  
**(11)** AU-B-2017268670  
**(21)** 2017268670 **(22)** 01.12.2017  
**(54)** Method of Host-Directed Illumination  
 and System for Conducting Host-Direc-  
 ted Illumination  
**(51)** Int. Cl.

**G06K 9/78** ( 2006.01 )  
**(43)** 21.12.2017  
**(44)** 21.03.2019  
**(62)** 2016201723  
**(72)** PEIRCE, Michael; SEZILLE, Nicolas  
 Jacques Jean; LANGLEY, Richard Jay  
**(74)** Wallington-Dummer

**(71)** DelSiTech Oy  
**(11)** AU-B-2016342470  
**(21)** 2016342470 **(22)** 21.10.2016  
**(54)** Hydrogel composite depot formulation  
**(51)** Int. Cl.  
**A61K 47/02** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**(87)** WO2017/068245  
**(31)** 20155750 **(32)** 22.10.15 **(33)** FI  
**(43)** 27.04.2017  
**(44)** 21.03.2019  
**(72)** Leino, Lasse; Jalonen, Harry; Fors-  
 back, Ari-Pekka; Jokinen, Mika; Nop-  
 pari, Panu  
**(74)** Griffith Hack

**(71)** Dosatron International  
**(11)** AU-B-2015257365  
**(21)** 2015257365 **(22)** 04.05.2015  
**(54)** Device for monitoring the operation of  
 a dosage dispenser of a liquid additive  
 in a main liquid, and dosage dispenser  
 provided with such a device  
**(51)** Int. Cl.  
**F04B 13/02** ( 2006.01 )  
**F04F 5/10** ( 2006.01 )  
**G01L 19/00** ( 2006.01 )  
**(87)** WO2015/170238  
**(31)** 1454074 **(32)** 06.05.14 **(33)** FR  
**(43)** 12.11.2015  
**(44)** 21.03.2019  
**(72)** Lucas, Gregory; Hardoin, Alexandre  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Dow AgroSciences LLC  
**(11)** AU-B-2015374375  
**(21)** 2015374375 **(22)** 21.12.2015  
**(54)** Picolinamides with fungicidal activity  
**(51)** Int. Cl.  
**C07C 229/08** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**(87)** WO2016/109300  
**(31)** 62/255,144 **(32)** 13.11.15 **(33)** US  
 62/098,097 30.12.14 US  
 62/255,152 13.11.15 US  
 62/098,089 30.12.14 US  
**(43)** 07.07.2016  
**(44)** 21.03.2019  
**(72)** Yao, Chenglin; Meyer, Kevin G.; Lu,  
 Yu; Loy, Brian; Jones, David M.; Heem-  
 stra, Ronald J.; Epp, Jeffrey B.; De-  
 lorbe, Johnathan E.; Dekorver, Kyle A.;  
 Daeuble Snr., John F.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Dow AgroSciences LLC  
**(11)** AU-B-2016297470

**(21)** 2016297470 **(22)** 11.07.2016  
**(54)** Control of aquatic weeds using combin-  
 ations of halauxifen, florpypauxifen and  
 other aquatic herbicides  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**C07D 213/26** ( 2006.01 )  
**C07D 213/61** ( 2006.01 )  
**(87)** WO2017/014973  
**(31)** 62/193,779 **(32)** 17.07.15 **(33)** US  
**(43)** 26.01.2017  
**(44)** 21.03.2019  
**(72)** Mann, Richard K.; Yerkes, Carla N.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Dow Global Technologies LLC  
**(11)** AU-B-2015236476  
**(21)** 2015236476 **(22)** 20.03.2015  
**(54)** Method to extract bitumen from oil  
 sands  
**(51)** Int. Cl.  
**C10G 1/04** ( 2006.01 )  
**C10G 33/04** ( 2006.01 )  
**E21B 43/16** ( 2006.01 )  
**E21B 43/24** ( 2006.01 )  
**(87)** WO2015/148296  
**(31)** 61/971,165 **(32)** 27.03.14 **(33)** US  
**(43)** 01.10.2015  
**(44)** 21.03.2019  
**(72)** Akiya, Naoko; Dausgs, Edward D.;  
 Donate, Felipe A.; Singh, Harpreet  
**(74)** Phillips Ormonde Fitzpatrick

**Dreysel, B. see Evirgen, B.**  
**(21)** 2015411709

**Duke University see Regeneron Pharma-  
 ceuticals, Inc.**  
**(21)** 2014214863

**(71)** Dyson Technology Limited  
**(11)** AU-B-2017236398  
**(21)** 2017236398 **(22)** 27.02.2017  
**(54)** An attachment for a hand held appli-  
 ance  
**(51)** Int. Cl.  
**A45D 20/00** ( 2006.01 )  
**A45D 20/12** ( 2006.01 )  
**(87)** WO2017/163002  
**(31)** 1605016.3 **(32)** 24.03.16 **(33)** GB  
**(43)** 28.09.2017  
**(44)** 21.03.2019  
**(72)** Mason, Richard; Carson, Emma  
**(74)** Shelston IP Pty Ltd.

**(71)** Eagle View Technologies, Inc.  
**(11)** AU-B-2013326865  
**(21)** 2013326865 **(22)** 04.10.2013  
**(54)** Determining image transforms without  
 using image acquisition metadata  
**(51)** Int. Cl.  
**G06F 17/10** ( 2006.01 )  
**G06K 9/32** ( 2006.01 )  
**(87)** WO2014/055953  
**(31)** 61/849,842 **(32)** 05.10.12 **(33)** US  
**(43)** 10.04.2014

Applications Accepted - Name Index cont'd

(44) 21.03.2019  
 (72) Ciarcia, Christopher Albert  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Eclats Holdings Limited  
 (11) AU-B-2015201199  
 (21) 2015201199 (22) 09.03.2015  
 (54) Vehicle Mountable Covering System  
 (51) Int. Cl.  
*B60P 7/04* ( 2006.01 )  
*B60J 7/08* ( 2006.01 )  
 (31) GB 1413398.7 (32) 29.07.14 (33) GB  
 GB 1404389.7 12.03.14 GB  
 GB1404069.5 07.03.14 GB  
 (43) 24.09.2015  
 (44) 21.03.2019  
 (72) Hines, Steve  
 (74) AJ Pietras & Co

---

(71) ELC Management LLC  
 (11) AU-B-2016235771  
 (21) 2016235771 (22) 17.03.2016  
 (54) Optically-activated system for reducing the appearance of skin imperfections  
 (51) Int. Cl.  
*A61K 8/49* ( 2006.01 )  
*A61K 8/06* ( 2006.01 )  
*A61K 8/60* ( 2006.01 )  
*A61K 8/73* ( 2006.01 )  
*A61K 8/81* ( 2006.01 )  
*A61Q 17/04* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
 (87) WO2016/153893  
 (31) 14/664,369 (32) 20.03.15 (33) US  
 (43) 29.09.2016  
 (44) 21.03.2019  
 (72) Sojka, Milan Franz; Stanganelli, Kerri  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2014389040  
 (21) 2014389040 (22) 01.04.2014  
 (54) Water supply assembly for laundry washing machines  
 (51) Int. Cl.  
*D06F 39/02* ( 2006.01 )  
*D06F 39/00* ( 2006.01 )  
 (87) WO2015/149845  
 (43) 08.10.2015  
 (44) 21.03.2019  
 (72) Favaro, Daniele; Del Pos, Maurizio  
 (74) Halfords IP

---

(71) Elekta, Inc.  
 (11) AU-B-2015221826  
 (21) 2015221826 (22) 24.02.2015  
 (54) System and method for auto-contouring in adaptive radiotherapy  
 (51) Int. Cl.  
*G06T 7/00* ( 2006.01 )  
*A61B 6/00* ( 2006.01 )  
*G06T 19/20* ( 2011.01 )  
 (87) WO2015/128803  
 (31) 14/192,778 (32) 27.02.14 (33) US  
 (43) 03.09.2015

(44) 21.03.2019  
 (72) Zhou, Yan; Han, Xiao; Magro, Nicolette Patricia  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Element, Inc.  
 (11) AU-B-2013312495  
 (21) 2013312495 (22) 05.09.2013  
 (54) Biometric authentication in connection with camera-equipped devices  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
 (87) WO2014/039732  
 (31) 61/696,820 (32) 05.09.12 (33) US  
 (43) 13.03.2014  
 (44) 21.03.2019  
 (72) Lecun, Yann; Perold, Adam; Wang, Yang; Waghmare, Sagar  
 (74) FB Rice Pty Ltd

---

(71) Enzoitic Holdings Ltd.  
 (11) AU-B-2015346969  
 (21) 2015346969 (22) 13.11.2015  
 (54) Functional sex-reversal of decapod crustacean females  
 (51) Int. Cl.  
*A01K 61/00* ( 2006.01 )  
*A01K 67/033* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*C12N 5/16* ( 2006.01 )  
*C12N 15/873* ( 2010.01 )  
 (87) WO2016/075697  
 (31) 62/079,195 (32) 13.11.14 (33) US  
 (43) 19.05.2016  
 (44) 21.03.2019  
 (72) Shechter, Assaf; Rosen, Ohad; Sagi, Amir  
 (74) Collison & Co

---

**Esteyco S.A.P. see Sea Wind Towers SL**  
 (21) 2015265775

---

(71) Evirgen, B.; Dreyzel, B.  
 (11) AU-B-2015411709  
 (21) 2015411709 (22) 16.10.2015  
 (54) Rotary-piston cylinder engine  
 (51) Int. Cl.  
*F01B 13/04* ( 2006.01 )  
*F01B 5/00* ( 2006.01 )  
*F02B 57/06* ( 2006.01 )  
*F02B 75/26* ( 2006.01 )  
 (87) WO2017/063710  
 (43) 20.04.2017  
 (44) 21.03.2019  
 (72) Evirgen, Bülent Pulat; Dreyzel, Bilge  
 (74) Allens Patent & Trade Mark Attorneys

---

(71) Evonik Degussa GmbH  
 (11) AU-B-2014363601  
 (21) 2014363601 (22) 10.12.2014  
 (54) Process for preparing alkanesulfonic acids  
 (51) Int. Cl.  
*C07C 303/16* ( 2006.01 )  
 (87) WO2015/086645

(31) PCT/ (32) 11.12.13 (33) CN  
 CN2013/089136  
 (43) 18.06.2015  
 (44) 21.03.2019  
 (72) Fonfe, Benjamin; Jakob, Harald; He, Chuanhua; Dorflein, Andreas; Fuss, Sebastian  
 (74) Baldwins Intellectual Property

---

(71) Exxonmobil Upstream Research Company  
 (11) AU-B-2015209514  
 (21) 2015209514 (22) 20.01.2015  
 (54) System and method of control for a gas turbine engine  
 (51) Int. Cl.  
*F23N 5/18* ( 2006.01 )  
*F23C 9/00* ( 2006.01 )  
*F23R 3/26* ( 2006.01 )  
*F23R 3/28* ( 2006.01 )  
*F23R 3/50* ( 2006.01 )  
 (87) WO2015/112515  
 (31) 61/929,873 (32) 21.01.14 (33) US  
 14/599,750 19.01.15 US  
 (43) 30.07.2015  
 (44) 21.03.2019  
 (72) O'Dea, Dennis M.; Minto, Karl Dean; Huntington, Richard A.; Dhanuka, Sulabh K.; Mittricker, Franklin F.  
 (74) Watermark Intellectual Property Pty Ltd

---

(71) Fives Intralogistics S.p.A.  
 (11) AU-B-2015217704  
 (21) 2015217704 (22) 11.02.2015  
 (54) Method and device for driving parcel sorters for installations facilities having considerable changes in levels  
 (51) Int. Cl.  
*B65G 23/36* ( 2006.01 )  
*B65G 47/96* ( 2006.01 )  
*G05B 19/418* ( 2006.01 )  
 (87) WO2015/121306  
 (31) 14 00380 (32) 11.02.14 (33) FR  
 (43) 20.08.2015  
 (44) 21.03.2019  
 (72) Chierago, Lorenzo; Soldavini, Attilio  
 (74) Spruson & Ferguson

---

(71) FMP Group (Australia) Pty Limited  
 (11) AU-B-2016301099  
 (21) 2016301099 (22) 18.03.2016  
 (54) Brake pad  
 (51) Int. Cl.  
*F16D 66/02* ( 2006.01 )  
 (87) WO2017/015697  
 (31) 2015903011 (32) 29.07.15 (33) AU  
 (43) 02.02.2017  
 (44) 21.03.2019  
 (72) Woolfson, David; Hellyar, Devon Lee  
 (74) FB Rice Pty Ltd

---

(71) Fresenius KABI Deutschland GmbH  
 (11) AU-B-2014298637  
 (21) 2014298637 (22) 25.07.2014  
 (54) Polysaccharide for use in preventing metastasis formation and/or relapse  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

- A61K 31/716** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/718** ( 2006.01 )  
**A61K 31/721** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )
- (87) WO2015/014730  
(31) 13178566.9 (32) 30.07.13 (33) EP  
(43) 05.02.2015  
(44) 21.03.2019  
(72) Sundermann, Bernd; Walz, Lars; Baasner, Silke; Nocken, Frank; Meyer, Christoph  
(74) FB Rice Pty Ltd
- 
- (71) Gagnon, S.; Ritter, M.; Brown, D.  
(11) AU-B-2016270573  
(21) 2016270573 (22) 25.05.2016  
(54) Exercise device  
(51) Int. Cl.  
**A63B 21/00** ( 2006.01 )  
**A63B 21/06** ( 2006.01 )  
**A63B 21/072** ( 2006.01 )  
**A63B 21/08** ( 2006.01 )  
**A63B 23/12** ( 2006.01 )
- (87) WO2016/196149  
(31) 62/168,702 (32) 29.05.15 (33) US  
15/099,153 14.04.16 US  
(43) 08.12.2016  
(44) 21.03.2019  
(72) Gagnon, Sean; Ritter, Michael; Brown, Don  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Gaster, R.  
(11) AU-B-2014304991  
(21) 2014304991 (22) 31.07.2014  
(54) Wireless pregnancy monitor  
(51) Int. Cl.  
**A61B 5/0444** ( 2006.01 )  
**A61B 5/0488** ( 2006.01 )
- (87) WO2015/020886  
(31) 61/863,816 (32) 08.08.13 (33) US  
(43) 12.02.2015  
(44) 21.03.2019  
(72) Gaster, Richard S.  
(74) Baldwins Intellectual Property
- 
- (71) GenomeDx Biosciences, Inc.; Mayo Foundation for Medical Education and Research  
(11) AU-B-2013302365  
(21) 2013302365 (22) 16.08.2013  
(54) Cancer diagnostics using biomarkers  
(51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C40B 30/04** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )
- (87) WO2014/028884  
(31) 61/764,365 (32) 13.02.13 (33) US  
61/783,124 14.03.13 US  
61/684,066 16.08.12 US  
(43) 20.02.2014  
(44) 21.03.2019  
(72) Buerki, Christine; Crisan, Anamaria; Davicioni, Elai; Erho, Nicholas George; Ghadessi, Mercedeh; Jenkins, Robert B.; Vergara Correa, Ismael A.  
(74) FB Rice Pty Ltd
- 
- (71) Giner Life Sciences, Inc.  
(11) AU-B-2014326794  
(21) 2014326794 (22) 24.09.2014  
(54) System for gas treatment of a cell implant  
(51) Int. Cl.  
**A61F 2/00** ( 2006.01 )
- (87) WO2015/048184  
(31) 61/881,654 (32) 24.09.13 (33) US  
(43) 02.04.2015  
(44) 21.03.2019  
(72) Tempelman, Linda; Stone, Simon; Papas, Klearchos  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) GlaxoSmithKline Intellectual Property Development Limited  
(11) AU-B-2016303387  
(21) 2016303387 (22) 03.06.2016  
(54) TLR4 agonists and compositions thereof and their use in the treatment of cancer  
(51) Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61K 31/7032** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2017/021792  
(31) 62/201,912 (32) 06.08.15 (33) US  
(43) 09.02.2017  
(44) 21.03.2019  
(72) Cluff, Christopher W.; Gao, Hua-Xin  
(74) Davies Collison Cave Pty Ltd
- 
- (71) GlaxoSmithKline Intellectual Property Development Limited  
(11) AU-B-2017253560  
(21) 2017253560 (22) 18.04.2017  
(54) Conjugates comprising RIPK2 inhibitors  
(51) Int. Cl.  
**C07D 417/14** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )
- (87) WO2017/182418  
(31) 62/324,944 (32) 20.04.16 (33) US  
(43) 26.10.2017  
(44) 21.03.2019  
(72) Casillas, Linda N.; Harling, John David; Miah, Afjal Hussain; Smith, Ian Edward David; Rackham, Mark David  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) GMDx Co Pty Ltd  
(11) AU-B-2013337616  
(21) 2013337616 (22) 05.11.2013  
(54) Methods for determining the cause of somatic mutagenesis  
(51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )
- (87) WO2014/066955
- 
- (31) 2012904940 (32) 13.11.12 (33) AU  
2012904826 05.11.12 AU  
2013901253 12.04.13 AU
- (43) 08.05.2014  
(44) 21.03.2019  
(72) Lindley, Robyn Alice  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Google LLC  
(11) AU-B-2015412742  
(21) 2015412742 (22) 29.10.2015  
(54) Removing leakage in a quantum bit  
(51) Int. Cl.  
**G06N 99/00** ( 2010.01 )
- (87) WO2017/074379  
(43) 04.05.2017  
(44) 21.03.2019  
(72) Barends, Rami  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Google LLC  
(11) AU-B-2016378555  
(21) 2016378555 (22) 20.12.2016  
(54) Adjusting video rendering rate of virtual reality content and processing of a stereoscopic image  
(51) Int. Cl.  
**G02B 27/01** ( 2006.01 )  
**G06T 19/00** ( 2011.01 )
- (87) WO2017/112692  
(31) 14/978,320 (32) 22.12.15 (33) US  
(43) 29.06.2017  
(44) 21.03.2019  
(72) Bavor Jr., Clayton Woodward; Weaver, Joshua; Faaborg, Alexander James; Peli, Eliezer  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- Green Cross Corporation see Mogam Institute for Biomedical Research**  
(21) 2016328204
- 
- (71) Gross, R.; PAASCH, R.  
(11) AU-B-2015243937  
(21) 2015243937 (22) 07.04.2015  
(54) Currency operated automobile fluid dispensing and/or recovery assemblies and methods  
(51) Int. Cl.  
**B60C 25/00** ( 2006.01 )
- (87) WO2015/157311  
(31) 61/976,812 (32) 08.04.14 (33) US  
(43) 15.10.2015  
(44) 21.03.2019  
(72) Paasch, Robert W.; Gross, Ray  
(74) PIPERS
- 
- (71) H2O TECH, Inc.  
(11) AU-B-2014287208  
(21) 2014287208 (22) 09.07.2014  
(54) Stabilized, water-jet, slurry apparatus and method  
(51) Int. Cl.

Applications Accepted - Name Index cont'd

**A61C 3/025** ( 2006.01 )  
**(87)** WO2015/006491  
**(31)** 13/938,385 **(32)** 10.07.13 **(33)** US  
**(43)** 15.01.2015  
**(44)** 21.03.2019  
**(72)** Nelson, Timothy D.; Heaton, Daren N.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Hendrickson USA, L.L.C.  
**(11)** AU-B-2015236294  
**(21)** 2015236294 **(22)** 24.03.2015  
**(54)** Fabricated steering knuckles  
**(51)** Int. Cl.  
**B62D 7/18** ( 2006.01 )  
**B60T 1/06** ( 2006.01 )  
**(87)** WO2015/148485  
**(31)** 61/970,014 **(32)** 25.03.14 **(33)** US  
**(43)** 01.10.2015  
**(44)** 21.03.2019  
**(72)** Gottschalk, Michael J.; Kohler, Scott;  
 Dankow, Mark; Westnedge, Andrew  
**(74)** Spruson & Ferguson

**(71)** Huon Aquaculture Group Limited  
**(11)** AU-B-2015210462  
**(21)** 2015210462 **(22)** 07.08.2015  
**(54)** A FEED SPREADER SUITABLE FOR  
 USE IN A FISH PEN  
**(51)** Int. Cl.  
**A01K 61/80** ( 2017.01 )  
**(31)** 2014903531 **(32)** 04.09.14 **(33)** AU  
**(43)** 24.03.2016  
**(44)** 21.03.2019  
**(72)** Bender, Peter; Stockford, David;  
 Driessen, John  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Hyundai Motor Company  
**(11)** AU-B-2013364585  
**(21)** 2013364585 **(22)** 23.12.2013  
**(54)** Composition for preventing odors in-  
 cluding odorless microorganisms  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A61L 9/00** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**(87)** WO2014/098543  
**(31)** 10-2012-0150630 **(32)** 21.12.12 **(33)** KR  
**(43)** 26.06.2014  
**(44)** 21.03.2019  
**(72)** Kim, Ji Wan; Lee, Tae Hee; Park, So  
 Yoon  
**(74)** IP SOLVED (ANZ) PTY. LTD.

**(71)** Ilya Pharma AB  
**(11)** AU-B-2015370982  
**(21)** 2015370982 **(22)** 23.12.2015  
**(54)** Methods for wound healing  
**(51)** Int. Cl.  
**C12N 15/74** ( 2006.01 )  
**A61K 35/744** ( 2015.01 )  
**C07K 14/52** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(87)** WO2016/102660  
**(31)** 1451658-7 **(32)** 23.12.14 **(33)** SE  
**(43)** 30.06.2016

**(44)** 21.03.2019  
**(72)** Vagesjo, Evelina  
**(74)** FB Rice Pty Ltd

**(71)** Innovations 4 Flooring Holding N.V.  
**(11)** AU-B-2015223563  
**(21)** 2015223563 **(22)** 26.02.2015  
**(54)** Panel interconnectable with similar pan-  
 els for forming a covering  
**(51)** Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**(87)** WO2015/130169  
**(31)** a20150107 **(32)** 23.02.15 **(33)** BY  
 PCT/ 26.02.14 NL  
 NL2014/050118  
**(43)** 03.09.2015  
**(44)** 21.03.2019  
**(72)** Boucke, Eddy Alberic; Rietveldt, Johan  
 Christiaan  
**(74)** IP SOLVED (ANZ) PTY. LTD.

**(71)** Innovative Orthopedic Technologies,  
 IOT, AG  
**(11)** AU-B-2015203964  
**(21)** 2015203964 **(22)** 05.01.2015  
**(54)** Devices and methods for guiding and  
 applying traction to a patient's leg dur-  
 ing surgery  
**(51)** Int. Cl.  
**A61B 17/02** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**(87)** WO2015/103562  
**(31)** 61/923,453 **(32)** 03.01.14 **(33)** US  
**(43)** 09.07.2015  
**(44)** 21.03.2019  
**(72)** Kreuzer, Stefan; Menzi, Manfred; Stark,  
 Kurt  
**(74)** Pizzey's Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Insmed Incorporated  
**(11)** AU-B-2017225138  
**(21)** 2017225138 **(22)** 08.09.2017  
**(54)** Systems for treating pulmonary infec-  
 tions  
**(51)** Int. Cl.  
**A61K 31/7036** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/7024** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**(43)** 05.10.2017  
**(44)** 21.03.2019  
**(62)** 2013266400  
**(72)** PERKINS, Walter; MALININ, Vladimir;  
 LI, Xingong; MILLER, Brian; SEIDEL,  
 Dominique; HOLZMANN, Philipp;  
 SCHULZ, Harald; HAHN, Michael  
**(74)** Spruson & Ferguson

**Inventio AG see Contitech An-  
 triebssysteme GmbH**  
**(21)** 2015308951

**(71)** Inventio AG  
**(11)** AU-B-2016251203  
**(21)** 2016251203 **(22)** 18.04.2016

**(54)** Support unit for an elevator installation  
**(51)** Int. Cl.  
**B66B 11/02** ( 2006.01 )  
**B66B 17/12** ( 2006.01 )  
**(87)** WO2016/169877  
**(31)** 15164278.2 **(32)** 20.04.15 **(33)** EP  
**(43)** 27.10.2016  
**(44)** 21.03.2019  
**(72)** Steiner, Adrian; Nicole, Marcel  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Iridium Medical Technology Co., Ltd.  
**(11)** AU-B-2017268551  
**(21)** 2017268551 **(22)** 28.11.2017  
**(54)** Flexible artificial retina devices  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**A61F 9/08** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**H05K 3/10** ( 2006.01 )  
**(43)** 21.12.2017  
**(44)** 21.03.2019  
**(62)** 2015275261  
**(72)** FAN, Long-Sheng  
**(74)** Spruson & Ferguson

**(71)** Ishida Co., Ltd.  
**(11)** AU-B-2016356979  
**(21)** 2016356979 **(22)** 03.10.2016  
**(54)** FORM-FILL-SEAL MACHINE  
**(51)** Int. Cl.  
**B65B 51/10** ( 2006.01 )  
**B65B 9/213** ( 2012.01 )  
**B65B 51/26** ( 2006.01 )  
**(87)** WO2017/086038  
**(31)** 2015-224886 **(32)** 17.11.15 **(33)** JP  
**(43)** 26.05.2017  
**(44)** 21.03.2019  
**(72)** Ichikawa, Makoto; Sato, Ryoichi; Na-  
 gashima, Ryota; Koike, Shinji; Sasaki,  
 Ryo  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Itron Global SARL  
**(11)** AU-B-2015289764  
**(21)** 2015289764 **(22)** 14.07.2015  
**(54)** Transmission timing for battery  
 powered devices  
**(51)** Int. Cl.  
**H04W 52/02** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )  
**(87)** WO2016/011074  
**(31)** 62/025,392 **(32)** 16.07.14 **(33)** US  
 14/796,593 10.07.15 US  
**(43)** 21.01.2016  
**(44)** 21.03.2019  
**(72)** Mani, Mehdi; Van Wyk, Hartman; Rig-  
 don, Kenneth Charles; Nelson, Elli-  
 ot Adam; Barnes, Keith; Banaouas,  
 Iskander; Khaled, Yacine; Viet-Hung,  
 Nguyen; Mainaud, Bastien  
**(74)** Spruson & Ferguson

**(71)** Johnson & Johnson Vision Care, Inc.  
**(11)** AU-B-2017204838  
**(21)** 2017204838 **(22)** 13.07.2017

Applications Accepted - Name Index cont'd

- (54) ESTERS FOR TREATMENT OF OCULAR INFLAMMATORY CONDITIONS  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/201** ( 2006.01 )  
**A61K 31/202** ( 2006.01 )  
**A61K 31/203** ( 2006.01 )  
**A61K 31/557** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 27/04** ( 2006.01 )  
 (43) 03.08.2017  
 (44) 21.03.2019  
 (62) 2012275759  
 (72) Gallois, Annabelle; Molock, Frank F.; Davis, Carrie L.; Lorenz, Kathy Osborn; Canavan, Kristy L.; Lu, Fang; Young, James K.  
 (74) Spruson & Ferguson
- 
- (71) Johnson Controls Technology Company  
 (11) AU-B-2016257458  
 (21) 2016257458 (22) 04.05.2016  
 (54) User control device with cantilevered display  
 (51) Int. Cl.  
**G05D 23/19** ( 2006.01 )  
 (87) WO2016/179314  
 (31) 62/275,711 (32) 06.01.16 (33) US  
 62/156,868 04.05.15 US  
 62/275,199 05.01.16 US  
 62/247,672 28.10.15 US  
 62/275,202 05.01.16 US  
 62/260,141 25.11.15 US  
 62/275,204 05.01.16 US  
 62/274,750 04.01.16 US  
 (43) 10.11.2016  
 (44) 21.03.2019  
 (72) Ribbich, Joseph R.; Ribbich, Michael L.; Cipolla, John P.; Sinha, Sudhi; Abdala, Julio A.; Diptee, Vinosh C.; Gaidish, Charles J.; Ribeiro, Claudio Santiago; Kornacki, Michael F.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2014304189  
 (21) 2014304189 (22) 09.07.2014  
 (54) Delivery system for active agents  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
 (87) WO2015/019211  
 (31) 61/863,938 (32) 09.08.13 (33) US  
 (43) 12.02.2015  
 (44) 21.03.2019  
 (72) Topolkarayev, Vasily A.; Scholl, Neil T.; McEneaney, Ryan J.; Eby, Thomas A.  
 (74) Spruson & Ferguson
- 
- (71) Klevaklip Systems Pty Ltd  
 (11) AU-B-2015203723  
 (21) 2015203723 (22) 02.07.2015  
 (54) Joist Connector  
 (51) Int. Cl.  
**E04B 1/58** ( 2006.01 )  
 (31) 2014902579 (32) 04.07.14 (33) AU  
 (43) 21.01.2016
- 
- (44) 21.03.2019  
 (72) Doupe, Greg James; Sanders, Stephen Ley  
 (74) Spruson & Ferguson
- 
- (71) K-Max Pty Ltd  
 (11) AU-B-2015349594  
 (21) 2015349594 (22) 16.11.2015  
 (54) Method for the processing of potassium containing materials  
 (51) Int. Cl.  
**C01D 5/00** ( 2006.01 )  
**C01D 5/06** ( 2006.01 )  
 (87) WO2016/077864  
 (31) 2014904601 (32) 17.11.14 (33) AU  
 (43) 26.05.2016  
 (44) 21.03.2019  
 (72) Johnson, Gary Donald; Urbani, Mark Daniel; Vines, Nicholas John  
 (74) WRAYS PTY LTD
- 
- (71) Konecranes Global Corporation  
 (11) AU-B-2016290743  
 (21) 2016290743 (22) 05.07.2016  
 (54) An arrangement and a method for inspecting the condition of a chain  
 (51) Int. Cl.  
**B62M 9/00** ( 2006.01 )  
**B65G 43/02** ( 2006.01 )  
**B66D 1/54** ( 2006.01 )  
**F16G 13/00** ( 2006.01 )  
**G01B 11/02** ( 2006.01 )  
**G01C 11/02** ( 2006.01 )  
**G01M 13/02** ( 2006.01 )  
**G06K 9/46** ( 2006.01 )  
 (87) WO2017/005986  
 (31) 20155535 (32) 06.07.15 (33) FI  
 (43) 12.01.2017  
 (44) 21.03.2019  
 (72) Hoover, Jack; Eriksson, Lasse; Puustinen, Teemu; Vilppo, Risto; Rantala, Kimmo; Kerovuori, Juhani; Hecht, Stefan  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Laing O'Rourke Australia Pty Limited  
 (11) AU-B-2014344811  
 (21) 2014344811 (22) 30.10.2014  
 (54) Method for fabricating an object  
 (51) Int. Cl.  
**E04B 1/02** ( 2006.01 )  
**B28B 1/00** ( 2006.01 )  
**B28B 7/22** ( 2006.01 )  
**B29C 67/00** ( 2006.01 )  
**B32B 1/00** ( 2006.01 )  
**B32B 7/00** ( 2006.01 )  
**B32B 13/00** ( 2006.01 )  
**B32B 27/00** ( 2006.01 )  
**B32B 37/14** ( 2006.01 )  
**E04B 1/16** ( 2006.01 )  
 (87) WO2015/061855  
 (31) 2013904190 (32) 30.10.13 (33) AU  
 (43) 07.05.2015  
 (44) 21.03.2019  
 (72) Gardiner, James Bruce  
 (74) FB Rice Pty Ltd
- 
- (71) Lantech.com, LLC  
 (11) AU-B-2017272298  
 (21) 2017272298 (22) 07.12.2017  
 (54) CORNER GEOMETRY-BASED WRAPPING  
 (51) Int. Cl.  
**B65B 11/02** ( 2006.01 )  
**B65B 11/04** ( 2006.01 )  
 (43) 04.01.2018  
 (44) 21.03.2019  
 (62) 2013334172  
 (72) Lancaster III, Patrick R.; Mitchell, Michael P.; McCray, Jeremy D.; Johnson, Richard L.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lantheus Medical Imaging, Inc.  
 (11) AU-B-2017201739  
 (21) 2017201739 (22) 14.03.2017  
 (54) COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS  
 (51) Int. Cl.  
**C07D 237/16** ( 2006.01 )  
**A61K 31/498** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
 (43) 30.03.2017  
 (44) 21.03.2019  
 (62) 2013203000  
 (72) Cesati, Richard R.; Radeke, Heike S.; Purohit, Ajay; Robinson, Simon P.; Pandey, Suresh K.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2017245394  
 (21) 2017245394 (22) 12.10.2017  
 (54) Apparatus for generating cold water and water purifier  
 (51) Int. Cl.  
**F25B 21/02** ( 2006.01 )  
**F25B 21/00** ( 2006.01 )  
 (31) 10-2016-0132926 (32) 13.10.16 (33) KR  
 (43) 10.05.2018  
 (44) 21.03.2019  
 (72) KIM, Jintae; HONG, Jinpyo; LEE, Jaegun; JUNG, Jisun  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Mack Rides GmbH & Co. KG  
 (11) AU-B-2015321057  
 (21) 2015321057 (22) 17.09.2015  
 (54) Mechanism for restraining a passenger in a restraint system of an amusement ride  
 (51) Int. Cl.  
**B60R 22/48** ( 2006.01 )  
**A63G 7/00** ( 2006.01 )  
 (87) WO2016/046050  
 (31) 10 2014 113 869.4 (32) 24.09.14 (33) DE  
 (43) 31.03.2016  
 (44) 21.03.2019  
 (72) Burger, Gunter; Sornik, Frank; Hauer, Roman; Gordt, Dennis  
 (74) Franke Hyland

Applications Accepted - Name Index cont'd

(71) Macrogenics, Inc.  
 (11) AU-B-2015266880  
 (21) 2015266880 (22) 29.05.2015  
 (54) Tri-Specific Binding Molecules and methods of use thereof  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
 (87) WO2015/184203  
 (31) 62/008,229 (32) 05.06.14 (33) US  
 62/004,571 29.05.14 US  
 62/107,824 26.01.15 US  
 (43) 03.12.2015  
 (44) 21.03.2019

(72) Johnson, Leslie S.; Huang, Ling; Chichili, Gurunadh Reddy; Shah, Kalpana; Lam, Chia-Ying Kao; Burke, Stephen James; Liu, Liqin; Moore, Paul A.; Bonvini, Ezio; Barat, Bhaswati  
 (74) Spruson & Ferguson

(71) MasterCard International Incorporated  
 (11) AU-B-2017216488  
 (21) 2017216488 (22) 16.08.2017  
 (54) SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS

(51) Int. Cl.  
**H04W 12/06** ( 2009.01 )  
**H04W 12/04** ( 2009.01 )  
 (43) 31.08.2017  
 (44) 21.03.2019  
 (62) 2013243805  
 (72) Collinge, Mehdi; Thompson, Susan; Smets, Patrik; Roberts, David Anthony; Ward, Michael Christopher  
 (74) Spruson & Ferguson

**Mayo Foundation for Medical Education and Research see GenomeDx Biosciences, Inc.**  
 (21) 2013302365

**MBDA France see Airbus Defence and Space GmbH**  
 (21) 2015326692

(71) McMaster University  
 (11) AU-B-2016222346  
 (21) 2016222346 (22) 30.08.2016  
 (54) On-body concealed weapon detection system  
 (51) Int. Cl.  
**G01S 13/00** ( 2006.01 )  
**G01S 7/40** ( 2006.01 )  
 (43) 15.03.2018  
 (44) 21.03.2019  
 (72) NIKOLOVA, Natalia K.; MCCOMBE, Justin J.  
 (74) FB Rice Pty Ltd

(71) MEDACTA INTERNATIONAL SA  
 (11) AU-B-2016357624  
 (21) 2016357624 (22) 16.11.2016

(54) Suturing device, in particular for suturing lacerations of the meniscus  
 (51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/06** ( 2006.01 )  
 (87) WO2017/085629  
 (31) 102015000074239 (32) 19.11.15 (33) IT  
 (43) 26.05.2017  
 (44) 21.03.2019  
 (72) Berberich, Sascha  
 (74) FB Rice Pty Ltd

(71) Medtronic Minimed, Inc.  
 (11) AU-B-2014367081  
 (21) 2014367081 (22) 26.11.2014  
 (54) Use of Electrochemical Impedance Spectroscopy (EIS) in continuous glucose monitoring  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1486** ( 2006.01 )  
**A61B 5/1495** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
 (87) WO2015/094618  
 (31) 14/466,177 (32) 22.08.14 (33) US  
 14/466,160 22.08.14 US  
 14/466,138 22.08.14 US  
 61/916,637 16.12.13 US  
 14/466,126 22.08.14 US  
 (43) 25.06.2015  
 (44) 21.03.2019  
 (72) Varsavsky, Andrea; Yu, Fei; Miller, Michael E.; Liang, Bradley C.; Yang, Ning  
 (74) FPA Patent Attorneys Pty Ltd

(71) Merck Patent GmbH  
 (11) AU-B-2015223049  
 (21) 2015223049 (22) 26.02.2015  
 (54) Heterocyclic compounds as NaV channel inhibitors and uses thereof  
 (51) Int. Cl.  
**C07D 207/16** ( 2006.01 )  
**C07D 265/30** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/06** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 413/06** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
 (87) WO2015/130905  
 (31) 61/945,227 (32) 27.02.14 (33) US  
 (43) 03.09.2015  
 (44) 21.03.2019  
 (72) Sherer, Brian; Brugger, Nadia  
 (74) Griffith Hack

(71) Merial, Inc.  
 (11) AU-B-2016260409  
 (21) 2016260409 (22) 13.05.2016  
 (54) Extended-range spray applicator

(51) Int. Cl.  
**A61D 1/02** ( 2006.01 )  
**B05B 1/28** ( 2006.01 )  
**B05B 3/10** ( 2006.01 )  
**B05B 9/08** ( 2006.01 )  
 (87) WO2016/183430  
 (31) 62/161,440 (32) 14.05.15 (33) US  
 (43) 17.11.2016  
 (44) 21.03.2019  
 (72) Leslie, Christopher Davis; Porcher, Ludovic  
 (74) FB Rice Pty Ltd

(71) Mermet  
 (11) AU-B-2015250659  
 (21) 2015250659 (22) 21.04.2015  
 (54) Novel process for manufacturing flame retardant yarns  
 (51) Int. Cl.  
**D02G 3/40** ( 2006.01 )  
**D02G 3/44** ( 2006.01 )  
 (87) WO2015/162371  
 (31) 1453617 (32) 22.04.14 (33) FR  
 (43) 29.10.2015  
 (44) 21.03.2019  
 (72) Damour, Francois-Xavier  
 (74) Spruson & Ferguson

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2014259978  
 (21) 2014259978 (22) 30.04.2014  
 (54) Tagged search result maintenance  
 (51) Int. Cl.  
**G06F 16/30** ( 2019.01 )  
 (87) WO2014/179383  
 (31) 13/874,230 (32) 30.04.13 (33) US  
 (43) 06.11.2014  
 (44) 21.03.2019  
 (72) Hansas, Anthony Adam; Shah, Sarthak Deepak; Ripsher, Lawrence Brian; Loader, Marguerite R.; Herman, Douglas William; Dietz, Robert Scott; Durant, Brook John; Wagner, William James; D'souza, Melroy Edwin; Rogan, Philip Andrew; Malekzadeh, Feridoon  
 (74) Davies Collison Cave Pty Ltd

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2015315114  
 (21) 2015315114 (22) 10.09.2015  
 (54) Real-time sharing during a phone call  
 (51) Int. Cl.  
**H04L 12/58** ( 2006.01 )  
 (87) WO2016/040535  
 (31) 14/482,960 (32) 10.09.14 (33) US  
 (43) 17.03.2016  
 (44) 21.03.2019  
 (72) Woolsey, Kerry; Hammerquist, Peter  
 (74) Davies Collison Cave Pty Ltd

(71) MiMedx Group, Inc.  
 (11) AU-B-2015315228  
 (21) 2015315228 (22) 08.09.2015  
 (54) Micronized placental tissue compositions with optional sealant and methods of making and using the same  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**A61L 26/00** ( 2006.01 )  
**(87)** WO2016/040385  
**(31)** 62/048,218 **(32)** 09.09.14 **(33)** US  
**(43)** 17.03.2016  
**(44)** 21.03.2019  
**(72)** McQueen, Adam; Burrows, Frank;  
 Koob, Thomas  
**(74)** Spruson & Ferguson

**(71)** Mitsubishi Electric Corporation  
**(11)** AU-B-2015407138  
**(21)** 2015407138 **(22)** 24.08.2015  
**(54)** Indoor unit of air-conditioning apparatus  
**(51)** Int. Cl.  
**F24F 13/20** ( 2006.01 )  
**(87)** WO2017/033258  
**(43)** 02.03.2017  
**(44)** 21.03.2019  
**(72)** Ishikawa, Masato; Suzuki, Akimoto; Kinami, Masahide; Ikeda, Hisanori; Koyanagi, Youhei  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Mitsubishi Electric Corporation  
**(11)** AU-B-2015413796  
**(21)** 2015413796 **(22)** 02.11.2015  
**(54)** Electric Vacuum cleaner  
**(51)** Int. Cl.  
**A47L 9/30** ( 2006.01 )  
**(87)** WO2017/077577  
**(43)** 11.05.2017  
**(44)** 21.03.2019  
**(72)** Kuroiwa, Takeru; Kurokawa, Souichirou; Fujima, Yoshiko; Yokoyama, Akihisa; Nigo, Masahiro; Matsuda, Takuya  
**(74)** Spruson & Ferguson

**(71)** Moffat, B.  
**(11)** AU-B-2018200788  
**(21)** 2018200788 **(22)** 01.02.2018  
**(54)** Wave Energy Conversion Apparatus  
**(51)** Int. Cl.  
**F03B 13/14** ( 2006.01 )  
**F03B 15/14** ( 2006.01 )  
**(43)** 12.04.2018  
**(44)** 21.03.2019  
**(62)** 2015227460  
**(72)** Moffat, Brian Lee  
**(74)** Shelston IP Pty Ltd.

**(71)** Mogam Institute for Biomedical Research; Green Cross Corporation  
**(11)** AU-B-2016328204  
**(21)** 2016328204 **(22)** 23.09.2016  
**(54)** Novel anti-mesothelin antibody and composition comprising the same  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2017/052241  
**(31)** 10-2015-0135755 **(32)** 24.09.15 **(33)** KR  
**(43)** 30.03.2017  
**(44)** 21.03.2019  
**(72)** Kim, Dong-Sik; Song, Eun Jung; Lee, Mijung; Lee, Eun-Hee; Oh, Miyoung; Park, Jae Chan; Kim, Kisu; Kim,

Sujeong; Lim, Hyung-Kwon; Lee, Kyuhyun; Won, Jongwha; Choi, Soongyu; Park, Young Seoub  
**(74)** FB Rice Pty Ltd

**(71)** Nestec S.A.  
**(11)** AU-B-2014255852  
**(21)** 2014255852 **(22)** 14.04.2014  
**(54)** Use of whey protein in combination with electrical muscle stimulation  
**(51)** Int. Cl.  
**A61H 1/00** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
**(87)** WO2014/170245  
**(31)** 13163687.0 **(32)** 15.04.13 **(33)** EP  
**(43)** 23.10.2014  
**(44)** 21.03.2019  
**(72)** Arigoni, Fabrizio; Breuille, Denis; Moritani, Toshio; Offord Cavin, Elizabeth; Vinyes Pares, Gerard  
**(74)** Shelston IP Pty Ltd.

**(71)** Nestec S.A.  
**(11)** AU-B-2015327320  
**(21)** 2015327320 **(22)** 25.08.2015  
**(54)** Physically stable liquefied cheese composition and process for making it  
**(51)** Int. Cl.  
**A23C 19/00** ( 2006.01 )  
**A23C 19/068** ( 2006.01 )  
**A23C 19/076** ( 2006.01 )  
**(87)** WO2016/050420  
**(31)** 62/059,292 **(32)** 03.10.14 **(33)** US  
**(43)** 07.04.2016  
**(44)** 21.03.2019  
**(72)** Upreti, Praveen; Wulff, David  
**(74)** Shelston IP Pty Ltd.

**(71)** New York Air Brake, LLC  
**(11)** AU-B-2018200798  
**(21)** 2018200798 **(22)** 02.02.2018  
**(54)** Automatic parking brake for truck mounted brake cylinder  
**(51)** Int. Cl.  
**B60T 17/16** ( 2006.01 )  
**(43)** 22.02.2018  
**(44)** 21.03.2019  
**(62)** 2015390223  
**(72)** Huber Jr., Howard; Parnapy, Keith; Neulieb, Robert  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France  
**(11)** AU-B-2016324630  
**(21)** 2016324630 **(22)** 15.09.2016  
**(54)** Composition, threaded joint for pipes including solid lubricant coating formed from the composition, and method for producing the threaded joint for pipes  
**(51)** Int. Cl.  
**C09D 5/00** ( 2006.01 )  
**C08K 3/04** ( 2006.01 )  
**C08K 3/16** ( 2006.01 )  
**C08K 3/32** ( 2006.01 )  
**C08K 3/36** ( 2006.01 )  
**C08K 5/11** ( 2006.01 )

**C08L 23/02** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
**C08L 27/18** ( 2006.01 )  
**C08L 71/00** ( 2006.01 )  
**C08L 91/06** ( 2006.01 )  
**C08L 101/00** ( 2006.01 )  
**C09D 5/08** ( 2006.01 )  
**C10M 161/00** ( 2006.01 )  
**C10M 163/00** ( 2006.01 )  
**C23C 26/00** ( 2006.01 )  
**F16L 15/04** ( 2006.01 )  
**C10M 125/02** ( 2006.01 )  
**C10M 125/24** ( 2006.01 )  
**C10M 125/26** ( 2006.01 )  
**C10M 143/00** ( 2006.01 )  
**C10M 145/08** ( 2006.01 )  
**C10M 147/02** ( 2006.01 )  
**C10M 147/04** ( 2006.01 )  
**C10M 159/06** ( 2006.01 )  
**C10N 10/04** ( 2006.01 )  
**C10N 10/06** ( 2006.01 )  
**C10N 30/06** ( 2006.01 )  
**C10N 30/08** ( 2006.01 )  
**C10N 30/12** ( 2006.01 )  
**C10N 40/00** ( 2006.01 )  
**(87)** WO2017/047722  
**(31)** 2015-185025 **(32)** 18.09.15 **(33)** JP  
**(43)** 23.03.2017  
**(44)** 21.03.2019  
**(72)** Goto, Kunio  
**(74)** FB Rice Pty Ltd

**(71)** Noe, C.; Noe-Letschnig, M.  
**(11)** AU-B-2017261517  
**(21)** 2017261517 **(22)** 15.11.2017  
**(54)** Use of combination preparations, comprising antimycotics  
**(51)** Int. Cl.  
**A61K 31/4174** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
**(43)** 07.12.2017  
**(44)** 21.03.2019  
**(62)** 2016203125  
**(72)** NOE, Marion; NOE, Christian  
**(74)** Spruson & Ferguson

**Noe-Letschnig, M. see Noe, C.**  
**(21)** 2017261517

**(71)** Novartis AG  
**(11)** AU-B-2014370109  
**(21)** 2014370109 **(22)** 18.12.2014  
**(54)** Microscope-less wide-field-of-view surgical OCT visualization system  
**(51)** Int. Cl.  
**A61B 3/125** ( 2006.01 )  
**(87)** WO2015/100129  
**(31)** 61/920,347 **(32)** 23.12.13 **(33)** US  
**(43)** 02.07.2015  
**(44)** 21.03.2019  
**(72)** Papac, Michael James; Yu, Lingfeng; Heeren, Tammo  
**(74)** Phillips Ormonde Fitzpatrick

Applications Accepted - Name Index cont'd

(71) Novomatic AG  
 (11) AU-B-2014368840  
 (21) 2014368840 (22) 16.12.2014  
 (54) Coin processing device and corresponding method for classifying coins  
 (51) Int. Cl.  
**G07D 5/02** ( 2006.01 )  
**G07D 5/10** ( 2006.01 )  
 (87) WO2015/091561  
 (31) 10 2013 114 569.8 (32) 19.12.13 (33) DE  
 (43) 25.06.2015  
 (44) 21.03.2019  
 (72) Lorenz, Sven; Luft, Michael Rudolf  
 (74) James & Wells Intellectual Property

(71) Omnix, Inc.  
 (11) AU-B-2016277631  
 (21) 2016277631 (22) 21.12.2016  
 (54) Polymeric forms of H-NOX proteins  
 (51) Int. Cl.  
**C07K 14/795** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 2/00** ( 2006.01 )  
 (43) 19.01.2017  
 (44) 21.03.2019  
 (62) 2013204158  
 (72) Kapp, Gregory; Serwer, Laura; Le Moan, Natacha; Cary, Stephen P.L.  
 (74) FB Rice Pty Ltd

(71) Otto Bock Healthcare Products GmbH  
 (11) AU-B-2014310946  
 (21) 2014310946 (22) 07.07.2014  
 (54) Method for controlling an artificial orthotic or prosthetic knee joint  
 (51) Int. Cl.  
**A61F 2/64** ( 2006.01 )  
**A61F 2/68** ( 2006.01 )  
**A61F 5/01** ( 2006.01 )  
 (87) WO2015/024612  
 (31) 10 2013 013 810.8 (32) 22.08.13 (33) DE  
 (43) 26.02.2015  
 (44) 21.03.2019  
 (72) Auberger, Roland; Seyr, Martin; Seifert, Dirk; Mandl, Clemens; Dieltl, Hans  
 (74) Spruson & Ferguson

(71) OVD Kinegram AG  
 (11) AU-B-2014310796  
 (21) 2014310796 (22) 08.08.2014  
 (54) System and method for producing an individualized security element  
 (51) Int. Cl.  
**B42D 25/00** ( 2014.01 )  
**B42D 25/324** ( 2014.01 )  
**B42D 25/328** ( 2014.01 )  
**B42D 25/373** ( 2014.01 )  
**B42D 25/435** ( 2014.01 )  
**B42D 25/47** ( 2014.01 )  
 (87) WO2015/024797  
 (31) 10 2013 108 906.2 (32) 19.08.13 (33) DE  
 (43) 26.02.2015  
 (44) 21.03.2019  
 (72) Staub, Rene; Streb, Christina; Ozdemir, Attila; Muller, Thomas  
 (74) Spruson & Ferguson

**PAASCH, R. see Gross, R.**  
 (21) 2015243937

---

(71) Palantir Technologies, Inc.  
 (11) AU-B-2013206642  
 (21) 2013206642 (22) 02.07.2013  
 (54) Sharing information between Nexuses that use different classification schemes for information access control  
 (51) Int. Cl.  
**G06F 16/21** ( 2019.01 )  
**G06F 16/18** ( 2019.01 )  
**G06F 16/2457** ( 2019.01 )  
**G06F 16/27** ( 2019.01 )  
**G06F 16/28** ( 2019.01 )  
**G06F 16/951** ( 2019.01 )  
 (31) 13/657,684 (32) 22.10.12 (33) US  
 (43) 08.05.2014  
 (44) 21.03.2019  
 (72) Ducott, Richard Allen; Garrod, John Kenneth; Tasinga, Khan  
 (74) Spruson & Ferguson

(71) Pulse IP, LLC  
 (11) AU-B-2014202893  
 (21) 2014202893 (22) 28.05.2014  
 (54) Biocompatible implantable electrode  
 (51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
 (31) 13/905,851 (32) 30.05.13 (33) US  
 (43) 18.12.2014  
 (44) 21.03.2019  
 (72) Fisk, Andrew E.  
 (74) Watermark Intellectual Property Pty Ltd

(71) Pumatik Small Kitchen Appliances Private Limited  
 (11) AU-B-2015208799  
 (21) 2015208799 (22) 24.01.2015  
 (54) Apparatus to scrape coconut  
 (51) Int. Cl.  
**A23N 5/08** ( 2006.01 )  
**A23N 5/03** ( 2006.01 )  
**B65G 53/14** ( 2006.01 )  
 (87) WO2015/111005  
 (31) 6244/CHE/2014 (32) 11.12.14 (33) IN  
 314/CHE/2014 25.01.14 IN  
 (43) 30.07.2015  
 (44) 21.03.2019  
 (72) Mattathil, Wilson Varghese  
 (74) Murray Trento & Associates Pty Ltd

(71) Purplesun Inc.  
 (11) AU-B-2017213522  
 (21) 2017213522 (22) 10.08.2017  
 (54) Sterilization units, systems, and methods  
 (51) Int. Cl.  
**A61L 2/10** ( 2006.01 )  
**A61L 2/08** ( 2006.01 )  
 (43) 31.08.2017  
 (44) 21.03.2019  
 (62) 2013361188  
 (72) ROMO, Luis Fernando; CINOGLU, Arto; MOSES, David  
 (74) Spruson & Ferguson

(71) Qbo Coffee GmbH  
 (11) AU-B-2014372840  
 (21) 2014372840 (22) 11.12.2014  
 (54) Portion capsule for preparing a brewed product  
 (51) Int. Cl.  
**B65B 29/02** ( 2006.01 )  
**B65B 7/28** ( 2006.01 )  
**B65D 85/804** ( 2006.01 )  
 (87) WO2015/096989  
 (31) 13199514.4 (32) 24.12.13 (33) EP  
 (43) 02.07.2015  
 (44) 21.03.2019  
 (72) Deuber, Louis  
 (74) Griffith Hack

(71) Qualcomm Incorporated  
 (11) AU-B-2015333890  
 (21) 2015333890 (22) 06.10.2015  
 (54) Method and apparatus for decoupling radio frequency (RF) and baseband processing  
 (51) Int. Cl.  
**H04W 52/26** ( 2009.01 )  
 (87) WO2016/060880  
 (31) 62/064,781 (32) 16.10.14 (33) US  
 14/637,163 03.03.15 US  
 (43) 21.04.2016  
 (44) 21.03.2019  
 (72) Ang, Peter Pui Lok; Burke, Joseph Patrick; Ji, Tingfang; Bhushan, Naga; Mukkavilli, Krishna Kiran; Howard, Michael Alexander; Smee, John Edward; Soriaga, Joseph Binamira  
 (74) Madderns Pty Ltd

(71) Quanta Associates LP  
 (11) AU-B-2017202778  
 (21) 2017202778 (22) 27.04.2017  
 (54) ENERGY INFRASTRUCTURE RISK ANALYSIS AND REMEDIATION  
 (51) Int. Cl.  
**G05B 9/02** ( 2006.01 )  
 (43) 18.05.2017  
 (44) 21.03.2019  
 (62) 2012250586  
 (72) Gluskin, Mark A.; Garrity, Kevin C.; Warner, Christopher M.; Eastman, Alan; Reiboldt, Mark  
 (74) Spruson & Ferguson

(71) Quanturi Oy  
 (11) AU-B-2017208746  
 (21) 2017208746 (22) 18.01.2017  
 (54) Method, probe and arrangement for monitoring agricultural products  
 (51) Int. Cl.  
**A01F 25/16** ( 2006.01 )  
**C12M 1/36** ( 2006.01 )  
 (87) WO2017/125644  
 (31) 20165032 (32) 19.01.16 (33) FI  
 (43) 27.07.2017  
 (44) 21.03.2019  
 (72) Pesonen, Nadine; Guerre, Roland  
 (74) FB Rice Pty Ltd

Applications Accepted - Name Index cont'd

(71) Regeneron Pharmaceuticals, Inc.; Duke University  
 (11) AU-B-2014214863  
 (21) 2014214863 (22) 06.02.2014  
 (54) B cell lineage based immunogen design with humanized animals  
 (51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
 (87) WO2014/124156  
 (31) 61/761,419 (32) 06.02.13 (33) US  
 (43) 14.08.2014  
 (44) 21.03.2019  
 (72) Haynes, Barton; Kelsoe, Garnett; Lowy, Israel; Baras, Aris I.; Macdonald, Lynn; McWhirter, John; Gurer, Cagan; Meagher, Karolina A.; Murphy, Andrew J.; Yancopoulos, George D.  
 (74) Phillips Ormonde Fitzpatrick

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2014254091  
 (21) 2014254091 (22) 15.04.2014  
 (54) Markers of tumor cell response to anti-cancer therapy  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C40B 30/04** ( 2006.01 )  
 (87) WO2014/172376  
 (31) 61/812,033 (32) 15.04.13 (33) US  
 (43) 23.10.2014  
 (44) 21.03.2019  
 (72) Friendewey, David; Droguett, Gustavo; Koss, Matthew; Thurston, Gavin; Yancopoulos, George D.  
 (74) Phillips Ormonde Fitzpatrick

(71) Rheem Manufacturing Company  
 (11) AU-B-2017200042  
 (21) 2017200042 (22) 04.01.2017  
 (54) Apparatus and methods for pre-heating water with air conditioner unit or heat pump  
 (51) Int. Cl.  
**F25B 7/00** ( 2006.01 )  
 (43) 02.02.2017  
 (44) 21.03.2019  
 (62) 2014249864  
 (72) LEETE, Klint E.; HAWKINS, Timothy B.; BABB, Jeremy L.  
 (74) Spruson & Ferguson

(71) Rigel Pharmaceuticals, Inc.  
 (11) AU-B-2017202766  
 (21) 2017202766 (22) 27.04.2017  
 (54) Carboxamide, sulfonamide and amine compounds for metabolic disorders  
 (51) Int. Cl.  
**C07D 211/46** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
**A61K 31/4523** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**C07D 211/58** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )

**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
 (43) 18.05.2017  
 (44) 21.03.2019  
 (62) 2014202572  
 (72) HONG, Hui; DARWISH, Ihab S.; XU, Xiang; SINGH, Rajinder; THOTA, Sam-baiah; YU, Jiaxin  
 (74) Spruson & Ferguson

Ritter, M. see Gagnon, S.  
 (21) 2016270573

(71) Rohm and Haas Company  
 (11) AU-B-2015202748  
 (21) 2015202748 (22) 21.05.2015  
 (54) DISPERSION OF ADSORBING EMULSION POLYMER PARTICLES  
 (51) Int. Cl.  
**C08F 220/18** ( 2006.01 )  
**C09D 133/02** ( 2006.01 )  
**C09D 141/00** ( 2006.01 )  
**C09D 143/02** ( 2006.01 )  
 (31) 62/011,122 (32) 12.06.14 (33) US  
 (43) 07.01.2016  
 (44) 21.03.2019  
 (72) Brownell, Arnold S.; Tiwary, Yogesh  
 (74) Phillips Ormonde Fitzpatrick

(71) Safety Syringes, Inc.  
 (11) AU-B-2017203144  
 (21) 2017203144 (22) 11.05.2017  
 (54) Contact trigger release needle guard with elastic spring  
 (51) Int. Cl.  
**A61M 5/50** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
 (43) 01.06.2017  
 (44) 21.03.2019  
 (62) 2013277226  
 (72) SHOONMAKER, Ryan  
 (74) Spruson & Ferguson

(71) SAF-Holland, Inc.  
 (11) AU-B-2016401332  
 (21) 2016401332 (22) 10.08.2016  
 (54) Vehicle coupling lines storage and control arrangement  
 (51) Int. Cl.  
**B60D 1/62** ( 2006.01 )  
**B60D 1/64** ( 2006.01 )  
**B60T 17/04** ( 2006.01 )  
**B60T 17/18** ( 2006.01 )  
**B60T 17/22** ( 2006.01 )  
 (87) WO2017/171911  
 (31) 62/315,172 (32) 30.03.16 (33) US  
 (43) 05.10.2017  
 (44) 21.03.2019  
 (72) Keatley, Justin D.; Hungerink, Gerald W.; Molitor, Mark  
 (74) WRAYS PTY LTD

(71) SAMSUNG ELECTRONICS CO., LTD.  
 (11) AU-B-2014201588  
 (21) 2014201588 (22) 14.03.2014

(54) Object control method and apparatus of user device  
 (51) Int. Cl.  
**G06F 3/041** ( 2006.01 )  
 (31) 10-2013-0027600 (32) 14.03.13 (33) KR  
 (43) 02.10.2014  
 (44) 21.03.2019  
 (72) JEON, Jinyoung; KANG, Jiyoung; KIM, Daesung; KIM, Jinyong; LEE, Boyoung; LIM, Seungkyung  
 (74) Griffith Hack

(71) SAMSUNG ELECTRONICS CO., LTD.  
 (11) AU-B-2017210607  
 (21) 2017210607 (22) 04.08.2017  
 (54) Apparatus and method for controlling motion-based user interface  
 (51) Int. Cl.  
**G06F 3/03** ( 2006.01 )  
**G06F 3/041** ( 2006.01 )  
**G06F 3/14** ( 2006.01 )  
**H04B 1/40** ( 2006.01 )  
 (43) 02.11.2017  
 (44) 21.03.2019  
 (62) 2015258317  
 (72) HONG, Hyun-Su; JUNG, Yung-Keun; LEE, Jae-Myeon; KIM, Il-Hwan  
 (74) Griffith Hack

(71) Sangamo Therapeutics, Inc.  
 (11) AU-B-2015259191  
 (21) 2015259191 (22) 13.05.2015  
 (54) Methods and compositions for prevention or treatment of a disease  
 (51) Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
 (87) WO2015/175642  
 (31) 61/992,676 (32) 13.05.14 (33) US  
 (43) 19.11.2015  
 (44) 21.03.2019  
 (72) Gregory, Philip D.; Holmes, Michael C.  
 (74) WRAYS PTY LTD

(71) Sanofi  
 (11) AU-B-2014314245  
 (21) 2014314245 (22) 27.08.2014  
 (54) Safety device for a medicament container  
 (51) Int. Cl.  
**A61M 5/50** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
 (87) WO2015/028487  
 (31) 13306179.6 (32) 29.08.13 (33) EP  
 (43) 05.03.2015  
 (44) 21.03.2019  
 (72) Darras, David; Canepa, Fabien; Serre, Bruno; Mazzolini, Jacky  
 (74) Watermark Intellectual Property Pty Ltd

Applications Accepted - Name Index cont'd

(71) Schneider Electric Industries SAS  
 (11) AU-B-2015203684  
 (21) 2015203684 (22) 01.07.2015  
 (54) Modular telecontrol equipment  
 (51) Int. Cl.  
*H02B 7/06* ( 2006.01 )  
 (31) 14 56313 (32) 02.07.14 (33) FR  
 (43) 21.01.2016  
 (44) 21.03.2019  
 (72) Grujovski, Peco; Leblond, Didier; Mollier, Christophe; Sinistro, Stephane; Panuel, Yves  
 (74) Watermark Intellectual Property Pty Ltd

(71) Scholtes Family Holdings Pty Ltd  
 (11) AU-B-2015205857  
 (21) 2015205857 (22) 21.07.2015  
 (54) An Attachment System  
 (51) Int. Cl.  
*E04B 2/08* ( 2006.01 )  
*E04B 1/38* ( 2006.01 )  
*E04C 2/08* ( 2006.01 )  
*E04C 2/30* ( 2006.01 )  
*F16B 5/00* ( 2006.01 )  
*F16B 5/06* ( 2006.01 )  
 (43) 09.02.2017  
 (44) 21.03.2019  
 (72) Naylor, Glen; Mackinlay, Luke; Smith, Joshua  
 (74) Spruson & Ferguson

(71) Sea Wind Towers SL; Esteyco S.A.P.  
 (11) AU-B-2015265775  
 (21) 2015265775 (22) 27.05.2015  
 (54) Floating structure and method of installing same  
 (51) Int. Cl.  
*B63B 35/44* ( 2006.01 )  
 (87) WO2015/181424  
 (31) P201430794 (32) 27.05.14 (33) ES  
 (43) 03.12.2015  
 (44) 21.03.2019  
 (72) Fernandez Gomez, Miguel Angel; Serna Garcia-Conde, Jose  
 (74) Phillips Ormonde Fitzpatrick

(71) SEB S.A.  
 (11) AU-B-2016352056  
 (21) 2016352056 (22) 10.11.2016  
 (54) Method for controlling a cooking apparatus and cooking apparatus for implementing such a method  
 (51) Int. Cl.  
*A47J 27/08* ( 2006.01 )  
*A47J 27/086* ( 2006.01 )  
*A47J 27/62* ( 2006.01 )  
 (87) WO2017/081420  
 (31) 1560837 (32) 12.11.15 (33) FR  
 (43) 18.05.2017  
 (44) 21.03.2019  
 (72) Goyon, Annabelle  
 (74) Griffith Hack

(71) Sementis Limited  
 (11) AU-B-2014344738  
 (21) 2014344738 (22) 03.11.2014  
 (54) Viral vector manufacture

(51) Int. Cl.  
*C12N 15/863* ( 2006.01 )  
*C12N 5/071* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 7/00* ( 2006.01 )  
*C12N 15/33* ( 2006.01 )  
 (87) WO2015/061858  
 (31) 2014900370 (32) 07.02.14 (33) AU  
 2013904242 01.11.13 AU  
 (43) 07.05.2015  
 (44) 21.03.2019  
 (72) Howley, Paul Michael; Liu, Liang  
 (74) Davies Collison Cave Pty Ltd

(71) Seroton, Inc.  
 (11) AU-B-2015204847  
 (21) 2015204847 (22) 07.01.2015  
 (54) Dry-powder inhalation device  
 (51) Int. Cl.  
*A61M 15/00* ( 2006.01 )  
 (87) WO2015/105895  
 (31) 14/518,487 (32) 20.10.14 (33) US  
 14/150,268 08.01.14 US  
 (43) 16.07.2015  
 (44) 21.03.2019  
 (72) Elmaleh, David R.; Elmaleh, Maxim D.  
 (74) Baldwins Intellectual Property

(71) Shell Internationale Research Maatschappij B.V.  
 (11) AU-B-2015373391  
 (21) 2015373391 (22) 29.12.2015  
 (54) Process to prepare paraffin wax  
 (51) Int. Cl.  
*C10G 45/02* ( 2006.01 )  
*C08L 91/08* ( 2006.01 )  
*C10G 2/00* ( 2006.01 )  
*C10G 65/04* ( 2006.01 )  
*C10G 73/36* ( 2006.01 )  
*C10G 73/44* ( 2006.01 )  
 (87) WO2016/107864  
 (31) 14200717.8 (32) 31.12.14 (33) EP  
 (43) 07.07.2016  
 (44) 21.03.2019  
 (72) Hoek, Arend; Roovers, Antonius Adrianus Maria; Majumder, Kaushik; Toledano, Hélène  
 (74) Spruson & Ferguson

(71) Sinter Print, Inc.  
 (11) AU-B-2016233423  
 (21) 2016233423 (22) 16.03.2016  
 (54) Reactive additive manufacturing  
 (51) Int. Cl.  
*B28B 1/00* ( 2006.01 )  
*B28B 1/30* ( 2006.01 )  
*B29C 41/00* ( 2006.01 )  
*B29C 48/00* ( 2019.01 )  
*B29C 67/00* ( 2006.01 )  
 (87) WO2016/149301  
 (31) 62/134,190 (32) 17.03.15 (33) US  
 15/070,514 15.03.16 US  
 (43) 22.09.2016  
 (44) 21.03.2019  
 (72) Nuechterlein, Jacob S.; Iten, Jeremy Joseph  
 (74) Spruson & Ferguson

(71) Somna Therapeutics, LLC.; The Medical College of Wisconsin, Inc.  
 (11) AU-B-2014265428  
 (21) 2014265428 (22) 15.05.2014  
 (54) Compression device for abnormal esophageal sphincter functionality  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
*A61F 5/055* ( 2006.01 )  
 (87) WO2014/186500  
 (31) 61/824,594 (32) 17.05.13 (33) US  
 (43) 20.11.2014  
 (44) 21.03.2019  
 (72) Maris, Nick T.; Miller, James S.; Shaker, Reza; Bachman, Timothy; Schlueter, Nathan; Maloney, Eugene Paul; North, Eric David; Raine, Paul; Alex, Peter  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sumitomo Metal Mining Co., Ltd.  
 (11) AU-B-2015388106  
 (21) 2015388106 (22) 08.12.2015  
 (54) Method for recovering scandium  
 (51) Int. Cl.  
*C22B 59/00* ( 2006.01 )  
*C22B 3/08* ( 2006.01 )  
*C22B 3/24* ( 2006.01 )  
*C22B 3/44* ( 2006.01 )  
 (87) WO2016/151959  
 (31) 2015-060627 (32) 24.03.15 (33) JP  
 (43) 29.09.2016  
 (44) 21.03.2019  
 (72) Nagai, Hidemasa; Kudo, Keiji; Matsumoto, Shin-ya; Kobayashi, Hiroshi; Asano, Satoshi  
 (74) Davies Collison Cave Pty Ltd

(71) Surgibit IP Holdings Pty Ltd  
 (11) AU-B-2016244322  
 (21) 2016244322 (22) 14.10.2016  
 (54) A drill bit and method for producing a drill bit  
 (51) Int. Cl.  
*A61B 17/16* ( 2006.01 )  
 (43) 03.11.2016  
 (44) 21.03.2019  
 (62) 2013224705  
 (72) Ellis, Liam Patrick  
 (74) Shelston IP Pty Ltd.

(71) Suzhou Junning R & D Center For Innovative Drugs Co., Ltd.  
 (11) AU-B-2015349153  
 (21) 2015349153 (22) 20.11.2015  
 (54) Application of levalbuterol formulation in treatment of skin and mucous membrane traumatic ulcers  
 (51) Int. Cl.  
*A61K 31/137* ( 2006.01 )  
*A61P 17/02* ( 2006.01 )  
 (87) WO2016/078609  
 (31) 201410667739.8 (32) 21.11.14 (33) CN  
 (43) 26.05.2016  
 (44) 21.03.2019  
 (72) Xu, Ling; Tan, Yizhi; Tan, Evina  
 (74) Junhua Hu

Applications Accepted - Name Index cont'd

(71) Swellfix B.V.  
 (11) AU-B-2015208185  
 (21) 2015208185 (22) 21.01.2015  
 (54) Downhole packer and associated methods  
 (51) Int. Cl.  
*E21B 33/12* (2006.01)  
 (87) WO2015/110471  
 (31) 1400975.7 (32) 21.01.14 (33) GB  
 (43) 30.07.2015  
 (44) 21.03.2019  
 (72) Anderson, Neil; Mackie, Colin  
 (74) FB Rice Pty Ltd

(71) Symrise AG  
 (11) AU-B-2015248962  
 (21) 2015248962 (22) 14.04.2015  
 (54) Homovanillic ester, more particularly for achieving an impression of heat and/or spiciness  
 (51) Int. Cl.  
*A23L 27/00* (2016.01)  
*A23L 27/20* (2016.01)  
*C07C 69/732* (2006.01)  
 (87) WO2015/158677  
 (31) 14165020.0 (32) 16.04.14 (33) EP  
 (43) 22.10.2015  
 (44) 21.03.2019  
 (72) Backes, Michael; Ley, Jakob Peter; De-genhardt, Andreas; Paetz, Susanne; Reichelt, Katharina; Riess, Thomas; Klose, Bettina; Hentschel, Fabia  
 (74) Davies Collison Cave Pty Ltd

(71) Taiyuan University of Technology  
 (11) AU-B-2015349532  
 (21) 2015349532 (22) 19.11.2015  
 (54) Transmission apparatus for contra-rotating impeller ventilation  
 (51) Int. Cl.  
*F04D 25/08* (2006.01)  
*F04D 25/10* (2006.01)  
 (87) WO2016/078199  
 (31) 201410671942.2 (32) 22.11.14 (33) CN  
 (43) 26.05.2016  
 (44) 21.03.2019  
 (72) Kou, Ziming; Da, Shanrong; Wei, Jin; Gao, Guijun; Li, Ting; Li, Sheng; Wu, Juan; Zhang, Jing; Kou, Yanfei  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2016221934  
 (21) 2016221934 (22) 02.02.2016  
 (54) Local oscillator phase synchronization for beamforming and mimo  
 (51) Int. Cl.  
*H04B 17/12* (2015.01)  
*H04B 17/21* (2015.01)  
 (87) WO2016/131645  
 (31) 14/626,019 (32) 19.02.15 (33) US  
 (43) 25.08.2016  
 (44) 21.03.2019  
 (72) Laaja, Samu; Sintonen, Jyri  
 (74) Baldwins Intellectual Property

(71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2016365882  
 (21) 2016365882 (22) 18.11.2016  
 (54) Network node, wireless device, methods and computer programs  
 (51) Int. Cl.  
*H04W 48/16* (2009.01)  
*H04W 16/14* (2009.01)  
*H04W 74/08* (2009.01)  
 (87) WO2017/097562  
 (31) 62/264,565 (32) 08.12.15 (33) US  
 (43) 15.06.2017  
 (44) 21.03.2019  
 (72) Wiemann, Henning; Alriksson, Peter; Sugirtharaj, David; Wittenmark, Emma  
 (74) AJ PARK

(71) Terumo Kabushiki Kaisha  
 (11) AU-B-2016317433  
 (21) 2016317433 (22) 02.09.2016  
 (54) HEMOSTATIC DEVICE  
 (51) Int. Cl.  
*A61B 17/135* (2006.01)  
*A61B 17/132* (2006.01)  
 (87) WO2017/039005  
 (31) 2015-174199 (32) 03.09.15 (33) JP  
 (43) 09.03.2017  
 (44) 21.03.2019  
 (72) Matsushita, Shuhei; Yagi, Hiroshi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Alfred E. Mann Foundation for Scientific Research  
 (11) AU-B-2016215266  
 (21) 2016215266 (22) 04.02.2016  
 (54) Inductive link coil de-tuning compensation and control  
 (51) Int. Cl.  
*H02J 50/12* (2016.01)  
*A61N 1/372* (2006.01)  
*A61N 1/378* (2006.01)  
*H02J 50/80* (2016.01)  
 (87) WO2016/126918  
 (31) 62/112,066 (32) 04.02.15 (33) US  
 (43) 11.08.2016  
 (44) 21.03.2019  
 (72) Griffith, Glen A.  
 (74) Spruson & Ferguson

(71) The Board of Trustees of the University of Illinois  
 (11) AU-B-2014277973  
 (21) 2014277973 (22) 13.06.2014  
 (54) Helmet for anesthesia  
 (51) Int. Cl.  
*A61M 16/06* (2006.01)  
 (87) WO2014/201338  
 (31) 61/834,510 (32) 13.06.13 (33) US  
 (43) 18.12.2014  
 (44) 21.03.2019  
 (72) Giulianotti, Pier; Vittori, Arturo; Vogler, Andreas  
 (74) FB Rice Pty Ltd

(71) The Catholic University of Korea Industry-Academic Cooperation Foundation  
 (11) AU-B-2015254037  
 (21) 2015254037 (22) 29.04.2015  
 (54) Novel compound having immune disease treatment effect and use thereof  
 (51) Int. Cl.  
*C07C 279/26* (2006.01)  
*A61K 31/155* (2006.01)  
*A61P 37/00* (2006.01)  
 (87) WO2015/167243  
 (31) 10-2014-0051261 (32) 29.04.14 (33) KR  
 10-2015-0060182 29.04.15 KR  
 (43) 05.11.2015  
 (44) 21.03.2019  
 (72) Cho, Mi-La; Shin, Dong-Yun; Park, Sung-Hwan; Yang, Chul-Woo; Choi, Jong-Young; Park, Min-Jung; Son, Hye-Jin; Lee, Sung-Hee; Lee, Seon-Yeong; Kim, Eun-Kyung; Kim, Jae-Kyung; Lee, Seung-Hun; Park, Seong-Hyeok  
 (74) Spruson & Ferguson

**The Medical College of Wisconsin, Inc. see Somna Therapeutics, LLC.**  
 (21) 2014265428

**The Queen's University of Belfast see Belfast Health and Social Care Trust**  
 (21) 2013276248

(71) The University of Connecticut  
 (11) AU-B-2013323368  
 (21) 2013323368 (22) 27.09.2013  
 (54) Identification of tumor-protective epitopes for the treatment of cancers  
 (51) Int. Cl.  
*G16H 50/20* (2018.01)  
*C12Q 1/68* (2006.01)  
*G01N 33/573* (2006.01)  
 (87) WO2014/052707  
 (31) 61/707,295 (32) 28.09.12 (33) US  
 (43) 03.04.2014  
 (44) 21.03.2019  
 (72) Srivastava, Pramod K.; Mandoiu, Ion; Duan, Fei  
 (74) Spruson & Ferguson

(71) The Yokohama Rubber Co., Ltd.  
 (11) AU-B-2015329071  
 (21) 2015329071 (22) 07.10.2015  
 (54) Pneumatic tire  
 (51) Int. Cl.  
*B60C 11/12* (2006.01)  
*B60C 11/03* (2006.01)  
 (87) WO2016/056597  
 (31) 2014-206752 (32) 07.10.14 (33) JP  
 (43) 14.04.2016  
 (44) 21.03.2019  
 (72) Akashi, Yasutaka  
 (74) Davies Collison Cave Pty Ltd

**thyssenkrupp AG see ThyssenKrupp Industrial Solutions AG**  
 (21) 2015226232

Applications Accepted - Name Index cont'd

---

(71) ThyssenKrupp Industrial Solutions AG;  
thyssenkrupp AG  
(11) AU-B-2015226232  
(21) 2015226232 (22) 04.03.2015  
(54) Rolling press  
(51) Int. Cl.  
**B02C 4/28** ( 2006.01 )  
(87) WO2015/132302  
(31) 10 2014 102 989.5 (32) 06.03.14 (33) DE  
(43) 11.09.2015  
(44) 21.03.2019  
(72) Schroder, Heinz; Lorenz, Silvio;  
Schefer, Dirk  
(74) Griffith Hack

---

(71) TTI (MACAO COMMERCIAL OFF-  
SHORE) LIMITED  
(11) AU-B-2017248539  
(21) 2017248539 (22) 20.10.2017  
(54) Trimmer line with centering feature  
(51) Int. Cl.  
**A01D 34/416** ( 2006.01 )  
(31) 62/410,762 (32) 20.10.16 (33) US  
(43) 10.05.2018  
(44) 21.03.2019  
(72) NOLIN, Eric; MORRISON, Robert L.  
(74) Griffith Hack

---

(71) Unicharm Corporation  
(11) AU-B-2015307582  
(21) 2015307582 (22) 11.08.2015  
(54) Absorbent and absorbent article includ-  
ing absorbent  
(51) Int. Cl.  
**A61F 13/539** ( 2006.01 )  
(87) WO2016/031569  
(31) 2014-172061 (32) 26.08.14 (33) JP  
(43) 03.03.2016  
(44) 21.03.2019  
(72) Uda, Masashi; Maruyama, Takashi  
(74) Phillips Ormonde Fitzpatrick

---

(71) University of Washington, through its  
Center for Commercialization  
(11) AU-B-2017200592  
(21) 2017200592 (22) 30.01.2017  
(54) Chromophoric polymer dots with nar-  
row-band emission  
(51) Int. Cl.  
**C08F 2/38** ( 2006.01 )  
(43) 23.02.2017  
(44) 21.03.2019  
(62) 2012362466  
(72) CHIU, Daniel T.; WU, Changfeng;  
RONG, Yu; ZHANG, Yong; WU, Yi-Che;  
CHAN, Yang-Hsiang; ZHANG, Xuanjun;  
YU, Jiangbo; SUN, Wei  
(74) Spruson & Ferguson

---

**Vallourec Oil and Gas France see Nippon  
Steel & Sumitomo Metal Corporation**  
(21) 2016324630

---

(71) Vertex Pharmaceuticals Incorporated  
(11) AU-B-2014360380  
(21) 2014360380 (22) 05.12.2014  
(54) 2-amino-6-fluoro-n-[5-fluoro-pyrid-  
in-3-yl]pyrazolo[1,5-a]pyrimidin-3-car-  
boxamide compound useful as ATR  
kinase inhibitor, its preparation, differ-  
ent solid forms and radiolabelled deriv-  
atives thereof  
(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07B 59/00** ( 2006.01 )  
(87) WO2015/085132  
(31) 62/008,220 (32) 05.06.14 (33) US  
61/912,636 06.12.13 US  
62/058,819 02.10.14 US  
(43) 11.06.2015  
(44) 21.03.2019  
(72) Charrier, Jean-Damien; Davis, Chris-  
topher John; Fraysse, Damien;  
Etxebarría I Jardi, Gorka; Pegg, Simon;  
Pierard, Françoise; Pinder, Joanne;  
Studley, John; Zwicker, Carl; Sanghvi,  
Tapan; Waldo, Michael; Medek, Ales;  
Shaw, David Matthew; Panesar,  
Maninder; Zhang, Yuegang; Alem,  
Naziha  
(74) Baldwins Intellectual Property

---

(71) W. L. Gore & Associates GmbH  
(11) AU-B-2016223552  
(21) 2016223552 (22) 24.02.2016  
(54) Process for the formation of a porous  
film assembly  
(51) Int. Cl.  
**B29D 7/01** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B32B 37/14** ( 2006.01 )  
(87) WO2016/135188  
(31) 15000530.4 (32) 24.02.15 (33) EP  
(43) 01.09.2016  
(44) 21.03.2019  
(72) Zaggi, Alexander; Rittmann, Michael  
(74) Griffith Hack

---

(71) Weatherford Technology Holdings, LLC  
(11) AU-B-2017221843  
(21) 2017221843 (22) 31.08.2017  
(54) Choke  
(51) Int. Cl.  
**E21B 34/10** ( 2006.01 )  
(43) 21.09.2017  
(44) 21.03.2019  
(62) 2014276581  
(72) Purkis, Daniel  
(74) WRAYS PTY LTD

---

(71) WeldFit Corporation  
(11) AU-B-2015360629  
(21) 2015360629 (22) 09.12.2015  
(54) Automated pig launching system  
(51) Int. Cl.  
**B08B 9/04** ( 2006.01 )  
**F16L 55/46** ( 2006.01 )  
(87) WO2016/094525  
(31) 14/963,751 (32) 09.12.15 (33) US  
62/090,057 10.12.14 US

---

(43) 16.06.2016  
(44) 21.03.2019  
(72) Sander, Russ C.; Wint, David D.;  
Sale, Todd K.; Riggs, Roxy R.; Sahm,  
Douglas A.; Drzewiecki, Grey J.  
(74) Spruson & Ferguson

---

(71) Welltec Oilfield Solutions AG  
(11) AU-B-2016256576  
(21) 2016256576 (22) 29.04.2016  
(54) Annular barrier with expansion unit  
(51) Int. Cl.  
**E21B 33/12** ( 2006.01 )  
**E21B 33/127** ( 2006.01 )  
(87) WO2016/174191  
(31) 15166050.3 (32) 30.04.15 (33) EP  
(43) 03.11.2016  
(44) 21.03.2019  
(72) Stæhr, Lars  
(74) Spruson & Ferguson

---

(71) Wenling Qihao Electronics Co., Ltd.  
(11) AU-B-2019200453  
(21) 2019200453 (22) 23.01.2019  
(54) A Portable Intelligent Hanger  
(51) Int. Cl.  
**A47G 25/14** ( 2006.01 )  
(31) 2018104666880 (32) 16.05.18 (33) CN  
(43) 14.02.2019  
(44) 21.03.2019  
(72) Cheng, Songtao  
(74) Wenling Qihao Electronics Co., Ltd.

---

(71) Westech Engineering, Inc.  
(11) AU-B-2017248465  
(21) 2017248465 (22) 18.10.2017  
(54) Apparatus and method for determining  
one or more characteristics of a viscous  
material  
(51) Int. Cl.  
**G01N 11/02** ( 2006.01 )  
**G01N 11/10** ( 2006.01 )  
**G01N 11/14** ( 2006.01 )  
(43) 02.11.2017  
(44) 21.03.2019  
(62) 2014262818  
(72) Cook, Robert; Lake, Philip; Johnson,  
Jerold  
(74) Shelston IP Pty Ltd.

---

(71) Western Sydney University  
(11) AU-B-2014354582  
(21) 2014354582 (22) 27.11.2014  
(54) "Monitoring pneumocardial function"  
(51) Int. Cl.  
**A61B 5/0205** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**A61B 5/113** ( 2006.01 )  
(87) WO2015/077839  
(31) 2013904602 (32) 28.11.13 (33) AU  
(43) 04.06.2015  
(44) 21.03.2019  
(72) Gargiulo, Gaetano; Breen, Paul  
(74) FB Rice Pty Ltd

---

Applications Accepted - Name Index cont'd

(71) Wonderland Switzerland AG  
 (11) AU-B-2018201555  
 (21) 2018201555 (22) 05.03.2018  
 (54) Support base for a child safety seat  
 (51) Int. Cl.  
*B60N 2/28* ( 2006.01 )  
 (31) 62/547,397 (32) 18.08.17 (33) US  
 62/513,759 01.06.17 US  
 62/466,500 03.03.17 US  
 (43) 20.09.2018  
 (44) 21.03.2019  
 (72) ANDERSON, Robert Scott; HARTEN-  
 STINE, Curtis M.; LEHMAN, David A.;  
 BOWERS, Patrick J.G.  
 (74) FB Rice Pty Ltd

(71) Yu, R.  
 (11) AU-B-2016405419  
 (21) 2016405419 (22) 04.05.2016  
 (54) Efficient laminated coreless generator  
 and manufacturing method therefor  
 (51) Int. Cl.  
*H02K 16/00* ( 2006.01 )  
*H02K 23/54* ( 2006.01 )  
 (87) WO2017/190292  
 (43) 09.11.2017  
 (44) 21.03.2019  
 (72) Yu, Renwei  
 (74) Madderns Pty Ltd

(71) Zhejiang Yat Electrical Appliance Co.,  
 Ltd  
 (11) AU-B-2016397609  
 (21) 2016397609 (22) 12.04.2016  
 (54) Quantitative unidirectional oil-air lubric-  
 ation system and method for four-stroke  
 engine  
 (51) Int. Cl.  
*F01M 11/06* ( 2006.01 )  
 (87) WO2017/156814  
 (31) 201610156567.7 (32) 18.03.16 (33) CN  
 (43) 21.09.2017  
 (44) 21.03.2019  
 (72) Li, Zhijun; Yu, Jian  
 (74) Shelston IP Pty Ltd.

(71) Zimmer, Inc.  
 (11) AU-B-2015240573  
 (21) 2015240573 (22) 03.04.2015  
 (54) Orthopedic tool for bone fixation  
 (51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
*A61B 17/88* ( 2006.01 )  
*A61B 17/92* ( 2006.01 )  
 (87) WO2015/153981  
 (31) 62/005,006 (32) 30.05.14 (33) US  
 61/974,554 03.04.14 US  
 (43) 08.10.2015  
 (44) 21.03.2019  
 (72) Lozier, Antony J.; Murphy, Daniel P.;  
 Prygoski, Matthew; Giordano, Michael;  
 Yakimicki, Donald L.; Bassett, Jeffrey;  
 Collins, Michael Scott  
 (74) Phillips Ormonde Fitzpatrick

(71) Zimmer, Inc.  
 (11) AU-B-2017204826

(21) 2017204826 (22) 13.07.2017  
 (54) ELBOW PROSTHESIS  
 (51) Int. Cl.  
*A61F 2/38* ( 2006.01 )  
 (43) 03.08.2017  
 (44) 21.03.2019  
 (62) 2013277131  
 (72) Wagner, Terry W.; Kincaid, Brian L.;  
 Walz, Kenton A.; Hoag, Stephen H.;  
 Marqueling, Mark Reed  
 (74) Phillips Ormonde Fitzpatrick

(71) Zinpro Corporation  
 (11) AU-B-2016297625  
 (21) 2016297625 (22) 22.07.2016  
 (54) Odor free volatile fatty acids as an en-  
 ergy source for ruminants, swine and  
 poultry  
 (51) Int. Cl.  
*A23K 20/10* ( 2016.01 )  
*A23K 50/10* ( 2016.01 )  
*A23K 50/30* ( 2016.01 )  
*A23K 50/75* ( 2016.01 )  
 (87) WO2017/015537  
 (31) 14/843,130 (32) 02.09.15 (33) US  
 14/805,571 22.07.15 US  
 (43) 26.01.2017  
 (44) 21.03.2019  
 (72) Stark, Peter A.; Kending, Cory Shawn;  
 Socha, Michael Thomas  
 (74) Davies Collison Cave Pty Ltd

Numerical Index

<b>2013206642</b>	Palantir Technologies, Inc.	<b>2015243218</b>	Covidien LP
<b>2013276248</b>	Belfast Health and Social Care Trust; The Queen's University of Belfast	<b>2015243937</b>	Gross, R.; PAASCH, R.
<b>2013302365</b>	GenomeDx Biosciences, Inc.; Mayo Foundation for Medical Education and Research	<b>2015244025</b>	Boston Pharmaceuticals Inc.
<b>2013312495</b>	Element, Inc.	<b>2015247537</b>	Cymer-Dayton, LLC
<b>2013323368</b>	The University of Connecticut	<b>2015247777</b>	Applied Genetic Technologies Corporation
<b>2013326865</b>	Eagle View Technologies, Inc.	<b>2015248962</b>	Symrise AG
<b>2013337616</b>	GMDx Co Pty Ltd	<b>2015250659</b>	Mermet
<b>2013364585</b>	Hyundai Motor Company	<b>2015254037</b>	The Catholic University of Korea Industry-Academic Cooperation Foundation
<b>2014201588</b>	SAMSUNG ELECTRONICS CO., LTD.	<b>2015257365</b>	Dosatron International
<b>2014202840</b>	Bingo Trademarks Pty Ltd	<b>2015258270</b>	Caterpillar Inc.
<b>2014202893</b>	Pulse IP, LLC	<b>2015259191</b>	Sangamo Therapeutics, Inc.
<b>2014214863</b>	Regeneron Pharmaceuticals, Inc.; Duke University	<b>2015265775</b>	Sea Wind Towers SL; Esteyco S.A.P.
<b>2014235370</b>	Blackstone Medical, Inc.	<b>2015266880</b>	Macrogenics, Inc.
<b>2014254091</b>	Regeneron Pharmaceuticals, Inc.	<b>2015278747</b>	Ansar Diseno Limitada
<b>2014255852</b>	Nestec S.A.	<b>2015279719</b>	Celgene Qanticele Research, Inc.
<b>2014259160</b>	ADC BioTechnology Ltd	<b>2015281737</b>	Ascent Aerospace Ltd
<b>2014259978</b>	Microsoft Technology Licensing, LLC	<b>2015283587</b>	Common Sense Ltd.
<b>2014265428</b>	Somna Therapeutics, LLC.; The Medical College of Wisconsin, Inc.	<b>2015289764</b>	Itron Global SARL
<b>2014277973</b>	The Board of Trustees of the University of Illinois	<b>2015307582</b>	Unicharm Corporation
<b>2014281682</b>	Alcyone LifeSciences, Inc.	<b>2015308951</b>	Contitech Antriebssysteme GmbH; Inventio AG
<b>2014282904</b>	Anagnostopoulos, C.	<b>2015315114</b>	Microsoft Technology Licensing, LLC
<b>2014287208</b>	H2O TECH, Inc.	<b>2015315228</b>	MiMedx Group, Inc.
<b>2014298637</b>	Fresenius KABI Deutschland GmbH	<b>2015321057</b>	Mack Rides GmbH & Co. KG
<b>2014302707</b>	Advanced Breath Diagnostics, LLC	<b>2015326692</b>	Airbus Defence and Space GmbH; MBDA France
<b>2014304189</b>	Kimberly-Clark Worldwide, Inc.	<b>2015327320</b>	Nestec S.A.
<b>2014304991</b>	Gaster, R.	<b>2015329071</b>	The Yokohama Rubber Co., Ltd.
<b>2014305090</b>	Bristol-Myers Squibb Company	<b>2015333890</b>	Qualcomm Incorporated
<b>2014310796</b>	OVD Kinegram AG	<b>2015346969</b>	Enzoatic Holdings Ltd.
<b>2014310946</b>	Otto Bock Healthcare Products GmbH	<b>2015349153</b>	Suzhou Junning R & D Center For Innovative Drugs Co., Ltd.
<b>2014314245</b>	Sanofi	<b>2015349532</b>	Taiyuan University of Technology
<b>2014318239</b>	Bedford Industries, Inc.	<b>2015349594</b>	K-Max Pty Ltd
<b>2014326794</b>	Giner Life Sciences, Inc.	<b>2015357969</b>	CRRC YANGTZE CO., LTD
<b>2014344738</b>	Sementis Limited	<b>2015360629</b>	WeldFit Corporation
<b>2014344811</b>	Laing O'Rourke Australia Pty Limited	<b>2015370982</b>	Ilya Pharma AB
<b>2014354582</b>	Western Sydney University	<b>2015373391</b>	Shell Internationale Research Maatschappij B.V.
<b>2014360380</b>	Vertex Pharmaceuticals Incorporated	<b>2015374375</b>	Dow AgroSciences LLC
<b>2014363601</b>	Evonik Degussa GmbH	<b>2015388106</b>	Sumitomo Metal Mining Co., Ltd.
<b>2014366937</b>	Brita LP	<b>2015407138</b>	Mitsubishi Electric Corporation
<b>2014367081</b>	Medtronic Minimed, Inc.	<b>2015411709</b>	Evirgen, B.; Dreyzel, B.
<b>2014368840</b>	Novomatic AG	<b>2015412742</b>	Google LLC
<b>2014370109</b>	Novartis AG	<b>2015413796</b>	Mitsubishi Electric Corporation
<b>2014372687</b>	Anheuser-Busch Inbev SA	<b>2016215266</b>	The Alfred E. Mann Foundation for Scientific Research
<b>2014372840</b>	Qbo Coffee GmbH	<b>2016221934</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2014389040</b>	Electrolux Appliances Aktiebolag	<b>2016222346</b>	McMaster University
<b>2015201199</b>	Eclats Holdings Limited	<b>2016223552</b>	W. L. Gore & Associates GmbH
<b>2015201304</b>	Ainsworth Game Technology Limited	<b>2016233423</b>	Sinter Print, Inc.
<b>2015202748</b>	Rohm and Haas Company	<b>2016233792</b>	Apple Inc.
<b>2015203684</b>	Schneider Electric Industries SAS	<b>2016235771</b>	ELC Management LLC
<b>2015203723</b>	Klevaklip Systems Pty Ltd	<b>2016244322</b>	Surgibit IP Holdings Pty Ltd
<b>2015203964</b>	Innovative Orthopedic Technologies, IOT, AG	<b>2016251203</b>	Inventio AG
<b>2015204847</b>	Seroton, Inc.	<b>2016256576</b>	Welltec Oilfield Solutions AG
<b>2015205857</b>	Scholtes Family Holdings Pty Ltd	<b>2016257458</b>	Johnson Controls Technology Company
<b>2015208185</b>	Swelifix B.V.	<b>2016260409</b>	Merial, Inc.
<b>2015208799</b>	Pumatik Small Kitchen Appliances Private Limited	<b>2016270573</b>	Gagnon, S.; Ritter, M.; Brown, D.
<b>2015209514</b>	Exxonmobil Upstream Research Company	<b>2016277631</b>	Omniox, Inc.
<b>2015210462</b>	Huon Aquaculture Group Limited	<b>2016290743</b>	Konecranes Global Corporation
<b>2015217704</b>	Fives Intralogistics S.p.A.	<b>2016292053</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2015221826</b>	Elekta, Inc.	<b>2016297470</b>	Dow AgroSciences LLC
<b>2015223049</b>	Merck Patent GmbH	<b>2016297625</b>	Zinpro Corporation
<b>2015223563</b>	Innovations 4 Flooring Holding N.V.	<b>2016301099</b>	FMP Group (Australia) Pty Limited
<b>2015226232</b>	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG	<b>2016303387</b>	GlaxoSmithKline Intellectual Property Development Limited
<b>2015236294</b>	Hendrickson USA, L.L.C.	<b>2016304890</b>	Apple Inc.
<b>2015236476</b>	Dow Global Technologies LLC	<b>2016313650</b>	Alibaba Group Holding Limited
<b>2015240573</b>	Zimmer, Inc.	<b>2016317433</b>	Terumo Kabushiki Kaisha

## Applications Accepted - Numerical Index cont'd

2016320717 CPG Technologies, LLC.  
2016324630 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France  
2016328204 Mogam Institute for Biomedical Research; Green Cross Corporation  
2016342470 DelSiTech Oy  
2016346047 Daikin Industries, Ltd.  
2016346887 Becton, Dickinson and Company  
2016352056 SEB S.A.  
2016354511 Advance Research System, LLC  
2016356979 Ishida Co., Ltd.  
2016357624 MEDACTA INTERNATIONAL SA  
2016365882 Telefonaktiebolaget LM Ericsson (publ)  
2016378555 Google LLC  
2016380696 Colgate-Palmolive Company  
2016397609 Zhejiang Yat Electrical Appliance Co., Ltd  
2016401332 SAF-Holland, Inc.  
2016403035 China University of Mining and Technology  
2016405419 Yu, R.  
2017200042 Rheem Manufacturing Company  
2017200592 University of Washington, through its Center for Commercialization  
2017200833 CareFusion 303, Inc.  
2017201387 Andreas Hettich GmbH & Co.KG  
2017201658 Biogen MA Inc.  
2017201739 Lantheus Medical Imaging, Inc.  
2017202766 Rigel Pharmaceuticals, Inc.  
2017202778 Quanta Associates LP  
2017203144 Safety Syringes, Inc.  
2017203474 Bayer Intellectual Property GmbH  
2017204826 Zimmer, Inc.  
2017204838 Johnson & Johnson Vision Care, Inc.  
2017208746 Quanturi Oy  
2017210607 SAMSUNG ELECTRONICS CO., LTD.  
2017213522 Purplesun Inc.  
2017216488 MasterCard International Incorporated  
2017221776 Centro de Ingenieria Genetica y Biotecnologia  
2017221843 Weatherford Technology Holdings, LLC  
2017225138 Insmed Incorporated  
2017236398 Dyson Technology Limited  
2017245394 LG Electronics Inc.  
2017248465 Westech Engineering, Inc.  
2017248539 TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
2017251692 Aegis Medical Technologies, LLC  
2017253560 GlaxoSmithKline Intellectual Property Development Limited  
2017261517 Noe, C.; Noe-Letschnig, M.  
2017263345 Cardiac Pacemakers, Inc.  
2017265098 AMO Development, LLC  
2017266867 Apple Inc.  
2017268551 Iridium Medical Technology Co., Ltd.  
2017268670 Daon Holdings Limited  
2017272298 Lantech.com, LLC  
2017393408 China University of Mining and Technology  
2018200196 BOARD & BATTEN INTERNATIONAL INC  
2018200788 Moffat, B.  
2018200798 New York Air Brake, LLC  
2018201555 Wonderland Switzerland AG  
2018202383 Becton, Dickinson and Company  
2018202812 Chevron U.S.A. Inc.  
2018203687 Bluebird Bio, Inc.  
2019200453 Wenling Qihao Electronics Co., Ltd.  
2019200533 Cixi Qicheng Machinery Technology Co., Ltd.

IPC Index

<b><u>A01D 34 /-</u></b>	2016244322 2016317433 2016354511 2016357624	2017201739 2017202766 2017203474 2017204838 2017225138 2017253560 2017261517	<b><u>A61M 1 /-</u></b>	2017261517	<b><u>B05B 1 /-</u></b>
2017248539			2014282904	<b><u>A61P 35 /-</u></b>	2016260409
<b><u>A01F 25 /-</u></b>	<b><u>A61B 18 /-</u></b>		<b><u>A61M 15 /-</u></b>	2014298637 2014360380 2016277631 2016303387 2017203474 2017253560	<b><u>B05B 3 /-</u></b>
2017208746	2017251692		2015204847		2016260409
<b><u>A01K 61 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61K 35 /-</u></b>	<b><u>A61M 16 /-</u></b>		<b><u>B05B 9 /-</u></b>
2015210462 2015346969	2014370109	2015370982 2018203687	2014277973	<b><u>A61P 37 /-</u></b>	2016260409
<b><u>A01K 67 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>A61M 25 /-</u></b>	2015254037 2017253560	2015360629
2014214863 2015346969	2014302707 2014304991 2014354582 2014367081	2016277631	2014281682 2016346887 2017251692	<b><u>A61P 9 /-</u></b>	<b><u>B28B 1 /-</u></b>
<b><u>A01N 37 /-</u></b>		<b><u>A61K 39 /-</u></b>	<b><u>A61M 3 /-</u></b>	2017202766	2014344811 2016233423
2015374375	<b><u>A61B 6 /-</u></b>	2014214863 2015244025 2015259191 2016328204 2017201658	2017251692	<b><u>A61Q 17 /-</u></b>	<b><u>B28B 7 /-</u></b>
<b><u>A01N 43 /-</u></b>	2015221826		<b><u>A61M 31 /-</u></b>	2016235771	2014344811
2016297470	<b><u>A61C 19 /-</u></b>	<b><u>A61K 45 /-</u></b>	2017251692	<b><u>A61Q 19 /-</u></b>	<b><u>B29C 41 /-</u></b>
<b><u>A23C 19 /-</u></b>	2016380696	2016303387 2017261517	<b><u>A61M 37 /-</u></b>	2016235771	2016233423
2015327320	<b><u>A61C 3 /-</u></b>		2017251692	<b><u>A62B 35 /-</u></b>	<b><u>B29C 48 /-</u></b>
<b><u>A23K 20 /-</u></b>	2014287208	<b><u>A61K 47 /-</u></b>	<b><u>A61M 39 /-</u></b>	2015281737	2016233423
2016297625	<b><u>A61D 1 /-</u></b>	2014259160 2014304189 2016342470	2017200833 2018202383	<b><u>A63B 21 /-</u></b>	<b><u>B29C 67 /-</u></b>
<b><u>A23K 50 /-</u></b>	2016260409		<b><u>A61M 5 /-</u></b>	2014255852 2016270573	2014344811 2016233423
2016297625	<b><u>A61F 13 /-</u></b>	<b><u>A61K 48 /-</u></b>	2014305090 2014314245 2014367081 2017200833 2017203144	<b><u>A63B 23 /-</u></b>	<b><u>B29C 70 /-</u></b>
<b><u>A23L 2 /-</u></b>	2015283587 2015307582	2015259191	<b><u>A61M 1 /-</u></b>	2016270573	2015326692
2017221776	<b><u>A61F 2 /-</u></b>	<b><u>A61K 8 /-</u></b>		<b><u>A63B 5 /-</u></b>	<b><u>B29D 7 /-</u></b>
<b><u>A23L 27 /-</u></b>	2014235370 2014310946 2014326794 2017204826 2017268551	2015244025 2016235771	<b><u>A61N 1 /-</u></b>	2018200196	2016223552
2015248962		<b><u>A61K 9 /-</u></b>	2014202893 2016215266 2017251692 2017268551	<b><u>A63F 13 /-</u></b>	<b><u>B32B 1 /-</u></b>
<b><u>A23N 5 /-</u></b>		2014298637 2014304189 2016342470 2017204838 2017225138	<b><u>A61P 11 /-</u></b>	2015201304	2014344811
2015208799	<b><u>A61F 5 /-</u></b>		2017225138	<b><u>A63G 7 /-</u></b>	<b><u>B32B 13 /-</u></b>
<b><u>A45D 20 /-</u></b>	2014265428 2014310946	<b><u>A61L 15 /-</u></b>	<b><u>A61P 17 /-</u></b>	2015321057	2014344811
2017236398	<b><u>A61F 9 /-</u></b>	2015283587	2015349153	<b><u>B01D 27 /-</u></b>	<b><u>B32B 27 /-</u></b>
<b><u>A47G 25 /-</u></b>	2017265098 2017268551	<b><u>A61L 2 /-</u></b>	2017204838	2014366937	2014344811 2016223552
2019200453	<b><u>A61H 1 /-</u></b>	2017213522	<b><u>A61P 27 /-</u></b>	<b><u>B01D 47 /-</u></b>	<b><u>B32B 37 /-</u></b>
<b><u>A47J 27 /-</u></b>	2014255852	<b><u>A61L 26 /-</u></b>	2017204838	2018202812	2014344811 2016223552
2016352056	<b><u>A61K 31 /-</u></b>	2015315228	<b><u>A61P 29 /-</u></b>	2017201387	<b><u>B32B 7 /-</u></b>
<b><u>A47L 9 /-</u></b>	2014298637 2014360380 2015254037 2015349153 2015374375 2016303387 2016342470	<b><u>A61L 31 /-</u></b>	2017261517	<b><u>B02C 4 /-</u></b>	2014344811
2015413796		2015243218	<b><u>A61P 3 /-</u></b>	2015226232	<b><u>B42D 25 /-</u></b>
<b><u>A61B 17 /-</u></b>		<b><u>A61L 9 /-</u></b>	2017202766	<b><u>B03D 1 /-</u></b>	2014310796
2014235370 2014265428 2015203964 2015240573		2013364585	<b><u>A61P 31 /-</u></b>	2016403035	

Applications Accepted - IPC Index cont'd

<b><u>B60C 11 /-</u></b>	<b><u>B65B 7 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C07H 3 /-</u></b>	<b><u>C09D 141 /-</u></b>	<b><u>C10N 30 /-</u></b>
2015329071	2014372840	2015248962	2017221776	2015202748	2016324630
<b><u>B60C 25 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C09D 143 /-</u></b>	<b><u>C10N 40 /-</u></b>
2015243937	2016356979	2015223049	2015259191 2015370982 2016277631	2015202748	2016324630
<b><u>B60D 1 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C09D 175 /-</u></b>	<b><u>C12M 1 /-</u></b>
2016401332	2014372840	2017202766	<b><u>C07K 19 /-</u></b>	2017263345	2017208746
<b><u>B60J 7 /-</u></b>	<b><u>B65F 3 /-</u></b>	<b><u>C07D 213 /-</u></b>	2014214863 2015244025 2015266880 2016328204	<b><u>C09D 179 /-</u></b>	<b><u>C12N 1 /-</u></b>
2015201199	2014202840	2016297470	<b><u>C07K 19 /-</u></b>	2015247537	2013364585
<b><u>B60N 2 /-</u></b>	<b><u>B65G 23 /-</u></b>	<b><u>C07D 237 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09D 5 /-</u></b>	<b><u>C12N 15 /-</u></b>
2018201555	2015217704	2017201739	2017253560	2016324630	2014344738 2015247777 2015259191 2015346969 2015370982
<b><u>B60P 1 /-</u></b>	<b><u>B65G 43 /-</u></b>	<b><u>C07D 265 /-</u></b>	<b><u>C07K 2 /-</u></b>	<b><u>C10G 1 /-</u></b>	<b><u>C12N 5 /-</u></b>
2014202840	2016290743	2015223049	2016277631	2015236476	2014254091 2014344738 2015259191 2015346969 2015370982 2018203687
<b><u>B60P 7 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C08F 2 /-</u></b>	<b><u>C10G 2 /-</u></b>	<b><u>C12N 7 /-</u></b>
2015201199	2015217704	2015279719	2017200592	2015373391	2014344738 2015259191 2015346969 2015370982 2018203687
<b><u>B60R 22 /-</u></b>	<b><u>B65G 53 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C10G 33 /-</u></b>	<b><u>C12N 9 /-</u></b>
2015321057	2015208799	2015223049 2015279719 2017201739 2017202766	2015202748	2015236476	2015247777
<b><u>B60T 1 /-</u></b>	<b><u>B66B 11 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C10G 45 /-</u></b>	<b><u>C12P 19 /-</u></b>
2015236294	2016251203	2015223049	2017263345	2015373391	2017221776
<b><u>B60T 17 /-</u></b>	<b><u>B66B 17 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C08G 73 /-</u></b>	<b><u>C10G 65 /-</u></b>	<b><u>C12P 21 /-</u></b>
2016401332 2018200798	2016251203	2015223049 2017202766	2015247537	2015373391	2015247777
<b><u>B61D 17 /-</u></b>	<b><u>B66B 7 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C10G 73 /-</u></b>	<b><u>C12P 19 /-</u></b>
2015357969	2015308951	2015223049 2017202766	2016324630	2015373391	2017221776
<b><u>B62D 25 /-</u></b>	<b><u>B66D 1 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10M 125 /-</u></b>	<b><u>C12P 21 /-</u></b>
2014202840	2016290743	2015223049 2017202766	2016324630	2016324630	2015247777
<b><u>B62D 7 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C08L 101 /-</u></b>	<b><u>C10M 143 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2015236294	2014372687	2015223049	2016324630	2016324630	2013302365 2013323368 2013337616 2014254091
<b><u>B62M 9 /-</u></b>	<b><u>C01D 5 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C10M 145 /-</u></b>	<b><u>C22B 3 /-</u></b>
2016290743	2015349594	2015223049 2017253560	2016324630	2016324630	2015388106
<b><u>B63B 35 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C08L 27 /-</u></b>	<b><u>C10M 147 /-</u></b>	<b><u>C22B 59 /-</u></b>
2015265775	2015326692	2015223049 2017253560	2016324630	2016324630	2015388106
<b><u>B64D 25 /-</u></b>	<b><u>C07B 59 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08L 71 /-</u></b>	<b><u>C10M 159 /-</u></b>	<b><u>C23C 26 /-</u></b>
2015281737	2014360380	2014360380	2016324630	2016324630	2016324630
<b><u>B65B 11 /-</u></b>	<b><u>C07C 229 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C08L 91 /-</u></b>	<b><u>C10M 161 /-</u></b>	<b><u>C40B 30 /-</u></b>
2017272298	2015374375	2017253560	2015373391 2016324630	2016324630	2013302365 2014254091
<b><u>B65B 29 /-</u></b>	<b><u>C07C 279 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C09D 133 /-</u></b>	<b><u>C10N 10 /-</u></b>	<b><u>D02G 3 /-</u></b>
2014372840	2015254037	2014254091 2015259191	2015202748	2016324630	
<b><u>B65B 51 /-</u></b>	<b><u>C07C 303 /-</u></b>				
2016356979	2014363601				

Applications Accepted - IPC Index cont'd

2015250659	<b><u>F03B 13 /-</u></b>	2017245394	<b><u>G06F 17 /-</u></b>	<b><u>H04B 17 /-</u></b>
<b><u>D06F 39 /-</u></b>	2018200788	<b><u>F25B 7 /-</u></b>	2013326865	2016221934
2014389040	<b><u>F03B 15 /-</u></b>	2017200042	<b><u>G06F 21 /-</u></b>	<b><u>H04L 12 /-</u></b>
<b><u>E01F 5 /-</u></b>	2018200788	<b><u>G01B 11 /-</u></b>	2017266867	2015315114
2019200533	<b><u>F03D 13 /-</u></b>	2016290743	<b><u>G06F 3 /-</u></b>	<b><u>H04L 29 /-</u></b>
<b><u>E02F 3 /-</u></b>	2016292053	<b><u>G01C 11 /-</u></b>	2014201588	2016313650
2015278747	<b><u>F04B 13 /-</u></b>	2016290743	2016233792	<b><u>H04W 12 /-</u></b>
<b><u>E02F 9 /-</u></b>	2015257365	<b><u>G01C 21 /-</u></b>	2016304890	2017216488
2015278747	<b><u>F04D 25 /-</u></b>	2016320717	2017210607	<b><u>H04W 16 /-</u></b>
<b><u>E03F 1 /-</u></b>	2015349532	<b><u>G01L 19 /-</u></b>	<b><u>G06K 9 /-</u></b>	2013312495
2019200533	<b><u>F04F 5 /-</u></b>	2015257365	2013326865	2016365882
<b><u>E04B 1 /-</u></b>	2015257365	<b><u>G01M 13 /-</u></b>	2016290743	<b><u>H04W 48 /-</u></b>
2014344811	<b><u>F16B 5 /-</u></b>	2016290743	2015412742	2016365882
2015203723	2015205857	<b><u>G01N 11 /-</u></b>	<b><u>G06N 99 /-</u></b>	<b><u>H04W 52 /-</u></b>
2015205857	<b><u>F16D 66 /-</u></b>	2017248465	2015412742	2015289764
<b><u>E04B 2 /-</u></b>	2016301099	<b><u>G01N 33 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2015333890
2015205857	<b><u>F16G 1 /-</u></b>	2013276248	2017266867	<b><u>H04W 74 /-</u></b>
<b><u>E04C 2 /-</u></b>	2015308951	2013302365	<b><u>G06T 19 /-</u></b>	2016365882
2015205857	<b><u>F16G 13 /-</u></b>	2013323368	2015221826	<b><u>H04W 84 /-</u></b>
<b><u>E04F 15 /-</u></b>	2016290743	2017201658	2016378555	2015289764
2015223563	<b><u>F16G 5 /-</u></b>	2017203474	<b><u>G06T 7 /-</u></b>	<b><u>H05K 3 /-</u></b>
<b><u>E21B 1 /-</u></b>	2015308951	<b><u>G01S 11 /-</u></b>	2015221826	2017268551
2017393408	<b><u>F16H 61 /-</u></b>	2016320717	<b><u>G07D 5 /-</u></b>	
<b><u>E21B 33 /-</u></b>	2015258270	<b><u>G01S 13 /-</u></b>	2014368840	
2015208185	<b><u>F16L 15 /-</u></b>	2016222346	<b><u>G09F 3 /-</u></b>	
2016256576	2016324630	<b><u>G01S 5 /-</u></b>	2014318239	
<b><u>E21B 34 /-</u></b>	2015360629	2016320717	<b><u>G16H 50 /-</u></b>	
2017221843	<b><u>F23C 9 /-</u></b>	<b><u>G01S 7 /-</u></b>	2013323368	
<b><u>E21B 43 /-</u></b>	2015209514	2016222346	<b><u>H02B 7 /-</u></b>	
2015236476	<b><u>F23N 5 /-</u></b>	<b><u>G02B 27 /-</u></b>	2015203684	
<b><u>F01B 13 /-</u></b>	2015209514	2016378555	<b><u>H02G 1 /-</u></b>	
2015411709	<b><u>F23R 3 /-</u></b>	<b><u>G05B 19 /-</u></b>	2015281737	
<b><u>F01B 5 /-</u></b>	2015209514	2015217704	<b><u>H02J 50 /-</u></b>	
2015411709	<b><u>F24F 13 /-</u></b>	<b><u>G05B 9 /-</u></b>	2016215266	
<b><u>F01M 11 /-</u></b>	2015209514	2017202778	<b><u>H02K 16 /-</u></b>	
2016397609	<b><u>F25B 21 /-</u></b>	<b><u>G05D 23 /-</u></b>	2016405419	
<b><u>F02B 57 /-</u></b>	2015407138	2016257458	<b><u>H02K 23 /-</u></b>	
2015411709	2016346047	<b><u>G06F 16 /-</u></b>	2016405419	
<b><u>F02B 75 /-</u></b>	<b><u>F25B 21 /-</u></b>	2013206642	<b><u>H04B 1 /-</u></b>	
2015411709		2014259978	2017210607	

**Certified Innovation Patents****Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

---

(71) Axia Acquisition Corporation  
(11) AU-B-2018100197  
(21) 2018100197 (22) 13.02.2018  
(54) Handle assembly for drywall finisher  
box  
(51) Int. Cl.  
*E04F 21/165* ( 2006.01 )  
*A47J 45/00* ( 2006.01 )  
*B25G 1/10* ( 2006.01 )  
(45) 21.03.2019  
(62) 2015217476  
(72) Wilson, Mark S.; Jungklaus, Matthew  
W.  
(74) Griffith Hack

---

(71) Goldfields Collections Pty Ltd  
(11) AU-B-2018100958  
(21) 2018100958 (22) 06.07.2018  
(54) Container and method for supplying  
plants  
(51) Int. Cl.  
*A01G 9/02* ( 2006.01 )  
*B65D 85/52* ( 2006.01 )  
(45) 21.03.2019  
(62) 2017279808  
(72) Van Rooijen, Nicolaas  
(74) Davies Collison Cave Pty Ltd

**Numerical Index**

**2018100197** Axia Acquisition Corporation  
**2018100958** Goldfields Collections Pty Ltd

**IPC Index**

**A01G 9 /-**

2018100958

**A47J 45 /-**

2018100197

**B25G 1 /-**

2018100197

**B65D 85 /-**

2018100958

**E04F 21 /-**

2018100197

**Patents Granted**

**Standard Patents**

2012202294	2012308326	2013210776	2013211543
2013222026	2013256688	2013266734	2013269368
2013277992	2013317799	2013344519	2013344538
2013354184	2013355121	2013365731	2013402498
2013405863	2014201404	2014203789	2014204943
2014215979	2014216761	2014217892	2014218375
2014219331	2014219466	2014223327	2014223490
2014230137	2014233168	2014233192	2014233541
2014236478	2014236729	2014237279	2014238058
2014240367	2014240733	2014242674	2014247167
2014248707	2014249290	2014249607	2014252219
2014253278	2014253552	2014254271	2014256936
2014259486	2014260194	2014262148	2014262471
2014265091	2014265904	2014267041	2014268434
2014278005	2014280805	2014280851	2014284047
2014288876	2014289744	2014293253	2014293405
2014300503	2014306494	2014307558	2014312756
2014315356	2014316682	2014316686	2014319963
2014321125	2014328440	2014329498	2014336929
2014339084	2014339171	2014345507	2014361786
2014364729	2014368363	2014368619	2014369446
2014373806	2014377527	2014377760	2014391505
2014392229	2014393757	2014400354	2014401275
2014406474	2014407484	2014414586	2015200645
2015201519	2015203053	2015203529	2015203564
2015207472	2015210849	2015210969	2015211481
2015215617	2015222678	2015223326	2015226138
2015227468	2015228845	2015229457	2015232047
2015234620	2015239088	2015242786	2015243334
2015243610	2015243612	2015246387	2015250635
2015253464	2015254383	2015255561	2015255662
2015257746	2015261968	2015265241	2015266980
2015274843	2015280223	2015281228	2015291317
2015295035	2015296176	2015298599	2015305125
2015305912	2015309173	2015310932	2015311868
2015318757	2015324533	2015329070	2015332159
2015333819	2015336146	2015337091	2015339222
2015343265	2015343369	2015343805	2015348238
2015351167	2015356483	2015358714	2015364678
2015370515	2015374472	2015376131	2015376145
2015378887	2015384281	2015391007	2015392281
2015400138	2015408094	2015410598	2016203025
2016203724	2016211612	2016216541	2016225898
2016228027	2016228152	2016229009	2016233286
2016235674	2016237966	2016242999	2016252274
2016255020	2016257136	2016261193	2016264649
2016269009	2016273849	2016274787	2016277572
2016277634	2016279054	2016279131	2016294314
2016320942	2016321594	2016341832	2016343677
2016344024	2016344866	2016386919	2016407200
2017200190	2017200224	2017200343	2017200398
2017200445	2017200857	2017201418	2017201426
2017201442	2017201539	2017201852	2017202037
2017202501	2017202536	2017202564	2017202595
2017202614	2017202694	2017202983	2017203095
2017203703	2017203832	2017203835	2017203925
2017204563	2017204574	2017204584	2017204610
2017217437	2017217970	2017218942	2017218947
2017221849	2017225044	2017228540	2017228691
2017234124	2017237443	2017246304	2017246470
2017251806	2017254832	2017258944	2017259252
2017265151	2017265153	2017265154	2017265156
2017281926	2017395125	2018200355	2018200954
2018201607	2018202849	2018203530	

**Assignments Registered**

2000032743	Exiqon A/S	The patent has been assigned to <b>QIAGEN GmbH</b>
2001016165	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2001023215	Tru-Test Limited	The patent has been assigned to <b>Datamars SA</b>
2001035244	HRS Estates Pty Ltd	The patent has been assigned to <b>OLIVER, Gary; GAUCHI, Chris</b>
2001097281	Tru-Test Limited	The patent has been assigned to <b>Datamars SA</b>
2001097316	Tru-Test Limited	The patent has been assigned to <b>Datamars SA</b>
2001245884	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2001261455	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2001264750	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2002249771	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2002321909	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2003270817	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2003272710	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2003291117	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2004224415	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2004308879	Elkem AS	The patent has been assigned to <b>REC SOLAR NORWAY AS</b>
2006203187	Advanced Bio Prosthetic Surfaces, Ltd	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2006253913	Stiefel Research Australia Pty Ltd	The patent has been assigned to <b>Mayne Pharma LLC</b>
2006315084	Wild Child	The patent has been assigned to <b>Symbion Pty Ltd</b>
2006341189	Hersey, Peter; Coventry, Brendon	The patent has been assigned to <b>Covsey Vaccines Pty Ltd</b>
2007211284	Advanced Bio Prosthetic Surfaces, Ltd.	The patent has been assigned to <b>Vactronix Scientific, LLC</b>
2008259411	Debiopharm Research & Manufacturing SA	The patent has been assigned to <b>Debiopharm International SA</b>
2008293136	TRU-TEST LIMITED	The patent has been assigned to <b>Datamars SA</b>
2009323070	West Oil Tools AS	The patent has been assigned to <b>Treeless development AS</b>

**Assignments Registered**

2010207826 Exiqon A/S The patent has been assigned to **QIAGEN GmbH**

2010295646 Cerulean Pharma Inc. The patent has been assigned to **BlueLink Pharmaceuticals, Inc.**

2011200846 Boardriders, Inc. The patent has been assigned to **Boardriders IP Holdings, LLC**

2011201408 Ronneby Road Pty Ltd The patent has been assigned to **Talon Engineering SDN BHD**

2011211319 Samsung Electronics Co., Ltd. The patent has been assigned to **Nexus Dx, Inc.**

2011223466 PlascoEnergy IP Holdings, S.L., Bilbao, Schaffhausen Branch The patent has been assigned to **Plasco Conversion Technologies Inc.**

2011223467 PlascoEnergy IP Holdings, S.L., Bilbao, Schaffhausen Branch The patent has been assigned to **Plasco Conversion Technologies Inc.**

2011319758 Palmaz Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2012250739 Palmaz Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2012253572 Palmaz Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2012255972 Palmaz Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2012267786 Fruh, Klaus; Picker, Louis; Hansen, Scott; Oregon Health & Science University The patent has been assigned to **Oregon Health & Science University**

2013100818 TRU-TEST LIMITED The patent has been assigned to **Datamars SA**

2013205079 Cerulean Pharma Inc. The patent has been assigned to **BlueLink Pharmaceuticals, Inc.**

2013228112 Well Technology AS The patent has been assigned to **Hydra Well Intervention AS**

2013273826 Tru-Test Limited The patent has been assigned to **Datamars SA**

2013299576 Palmaz Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2013331308 Vactronix Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2014223112 Nanjing Sinogen Biotech & Pharmaceutical Inc. The patent has been assigned to **Guangzhou Sinogen Pharmaceutical Co., Ltd**

2014236249 Vactronix Scientific, Inc. The patent has been assigned to **Vactronix Scientific, LLC**

2015219578 Well Technology AS The patent has been assigned to **Hydra Well Intervention AS**

2016101414 Filblast Pty Ltd The patent has been assigned to **Fanca Technologies Pty Ltd**

2016235024 Shanghai Xinshenpai Technology Co., Ltd. The patent has been assigned to **Anpac Bio-Medical Science Co., Ltd.**

**Assignments Registered**

2016243206 HPPE LLC The patent has been assigned to **Integrity Bio-Chemicals, LLC**

2017101033 Filblast Pty Ltd The patent has been assigned to **Fanca Technologies Pty Ltd**

2019100115 Huang, Zhifeng The patent has been assigned to **Wenzhou Medical University; Wenzhou Growth Factor Biotech, Co., 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.

2007263328 **Newron Pharmaceuticals S.p.A.**

The earliest first regulatory approval date provided by the patentee 02 Nov 2018

For the goods XADAGO safinamide (as mesilate)

**Extensions granted**

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

2002308295 **Intercept Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Sep 2018

For the goods OCALIVA obeticholic acid

Extension of Term of patent pursuant to Section 77 expires on 21 Feb 2027

2007254831 **Regeneron Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods KEVZARA sarilumab

Extension of Term of patent pursuant to Section 77 expires on 01 Jun 2032

**Corrigenda**

In Vol 32 , No 45 , Page(s) 6362 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Exact Sciences Corporation; Mayo Foundation for Medical Education and Research, Application No. 2017260630, under INID (71) correct the applicant name to Exact Sciences Development Company, LLC

In Vol 33 , No 10 , Page(s) 1404 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018282340.

In Vol 33 , No 10 , Page(s) 1407 under the heading **Amendments - Application for Amendments** Under the name Wilson Pastoral Australia Pty Ltd, Application No. 2015202442 correct the date of the statements filed to read 09 Jul 2018 and 08 Feb 2019

In Vol 33 , No 10 , Page(s) 1407 under the heading **Amendments - Application for Amendments** Under the name Ishida Co., Ltd., Application No. 2016267216 correct the date of the statements filed to read 23 Jan 2019 and 21 Feb 2019

In Vol 33 , No 10 , Page(s) 1442 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Galderma Research & Development; Centre National de la Recher-

### Corrigenda

che Scientifique, Application No. 2017307329, Under INID (72) add co-inventor Figueiredo, Tamiris; Jing Jing, Laura; Harris, Craig Steven; Boiteau, Jean-Guy; Gerfaud, Thibaut; Tomas, Loïc

In Vol 33 , No 3 , Page(s) 506 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name University Health Network, Application No. 2017299850, under INID (54) correct the title to read Solid forms of TTK inhibitor

In Vol 33 , No 4 , Page(s) 629 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft, Application No. 2017298421, under INID (72) correct the co-inventor to Anlahr, Johanna; Nicolai, Janine

In Vol 33 , No 8 , Page(s) 1198 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Telefonaktiebolaget LM Ericsson (Publ), Application No. 2017309399, Under INID (72) add co-inventor Lu, Qianxi

### Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2014336929	<b>University Health Network</b>
2015250900	<b>BASF SE</b>
2016371681	<b>Clariant International Ltd</b>