



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

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*Freedom of Information ACT*

*Professional Standards Board*

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*Country Codes*

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*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 24 Mar 2020 .

(71) AFV Pty Ltd (21) 2020900939 (22) 26.03.2020 (54) FITNESS STUDIO INSTRUCTIONAL MANAGEMENT SYSTEM	(71) BRADLEY, M. (21) 2020900902 (22) 25.03.2020 (54) ROTARY CLAW DRILL BIT	(71) INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD. (21) 2020900925 (22) 26.03.2020 (54) Drill Hole Tracer
(71) Alcoa of Australia Limited (21) 2020900930 (22) 26.03.2020 (54) Process for mitigating scale formation	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020900936 (22) 26.03.2020 (54) Path Planning	(71) INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD. (21) 2020900926 (22) 26.03.2020 (54) Borehole Casing Spider
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2020900927 (22) 26.03.2020 (54) Mulch From Fibrous Waste	(71) Crane, B. (21) 2020900917 (22) 25.03.2020 (54) Improved Seed Destroying Impact Mill Assemblies	(71) InterK Peptide Therapeutics Limited (21) 2020900929 (22) 26.03.2020 (54) INHIBITORS AND METHODS FOR TREATING NEUROLOGICAL DISEASES
(71) Arnolds Innovations Pty Ltd (21) 2020900904 (22) 25.03.2020 (54) A GOLF TRAINING BALL AND A KIT FOR ADJUSTING CHARACTERISTICS OF A GOLF BALL	(71) Dunlop, C. (21) 2020900898 (22) 24.03.2020 (54) IMPROVED RESPIRATORY MASK	(71) Isolate Innovations Pty Ltd (21) 2020900914 (22) 25.03.2020 (54) An absorbent dental device
(71) ASPIRE EDUCATION AND TRAINING PTY LTD (21) 2020900908 (22) 25.03.2020 (54) Remote Training and Assessment	(71) Fable Holdings Pty Ltd (21) 2020900920 (22) 25.03.2020 (54) Meat Substitute	(71) Johnston, Z. (21) 2020900894 (22) 24.03.2020 (54) Prefabricated niche. To be installed into already finished walls. Has a flange to waterproof for showers. Fully waterproof to any finish desired.
Atlassian Inc. see Atlassian Pty Ltd (21) 2020900943	(71) Forest, P. (21) 2020900922 (22) 26.03.2020 (54) An epidemiological dataset generation and analytics system for tracking disease outbreaks using internet browser session data	(71) Johnstone, G. (21) 2020900942 (22) 27.03.2020 (54) A tidal power generation system
(71) Atlassian Pty Ltd; Atlassian Inc. (21) 2020900943 (22) 27.03.2020 (54) Systems and methods for remote code review	(71) Gomez, R. (21) 2020900937 (22) 26.03.2020 (54) Disinfection of the COVID-19 in Air Conditioned System	(71) Kavanagh Industries Pty Ltd (21) 2020900906 (22) 25.03.2020 (54) Method and system for connecting ducts
(71) AZL Holdings Pty Ltd; Start Smart Investments Pty Ltd (21) 2020900928 (22) 26.03.2020 (54) Safety barrier system	(71) Hamilton, W. (21) 2020900935 (22) 26.03.2020 (54) A system for video multimedia augmentation	(71) Kirkham, S. (21) 2020900924 (22) 26.03.2020 (54) Method and Apparatus for Repairing Tendons in a Mammal
(71) Bolton, L. (21) 2020900897 (22) 24.03.2020 (54) A COVER FOR A CAVITY		

Provisional Applications Filed - Name Index cont'd

(71) Kudzius, A.; Lee, L.  
(21) 2020900912 (22) 25.03.2020  
(54) INFECTION CONTROL SYSTEM

Lee, L. see Kudzius, A.  
(21) 2020900912

(71) Liquid Time Pty Ltd  
(21) 2020900900 (22) 24.03.2020  
(54) SURFBOARD FIN MOUNT

(71) Lotz, V.  
(21) 2020900918 (22) 25.03.2020  
(54) Skateboard Locking System

(71) Michael Buck IP  
(21) 2020900915 (22) 25.03.2020  
(54) METHOD AND APPARATUS FOR ON-LINE AND OFF-LINE RETAIL OF ALL KIND OF CLOTHES, SHOES AND ACCESSORIES

(71) Mitchell, P.  
(21) 2020900910 (22) 25.03.2020  
(54) SYSTEM AND METHOD FOR FACILITATING DRIVERS IN FOREIGN COUNTRIES

(71) Moroz Technologies Pty Ltd  
(21) 2020900938 (22) 26.03.2020  
(54) IMPLANT DEVICE, SYSTEM AND METHOD FOR TREATING DISEASE

(71) NewSouth Innovations Pty Limited  
(21) 2020900899 (22) 24.03.2020  
(54) Optically powered sensing system and method for hazardous environments

Osborne, R. see Ward, R.  
(21) 2020900946

Pact Renewables Pty Ltd see Arakel, A.  
(21) 2020900927

(71) Pavic, B.  
(21) 2020900901 (22) 25.03.2020  
(54) A digital artwork content digital rights management and content distribution network

(71) Plant IP Pty Ltd  
(21) 2020900895 (22) 24.03.2020  
(54) Accessory bar and load carrying assembly

(71) Pring, G.  
(21) 2020900909 (22) 25.03.2020  
(54) Suspension of walls

(71) Rairie, R.  
(21) 2020900094 (22) 10.01.2020  
(54) The Pinball Herpes Antibody System

(71) Repeller Pty Ltd  
(21) 2020900932 (22) 26.03.2020  
(54) Anti-Mollusc Composition (3)

(71) SCLK Pty Ltd  
(21) 2020900911 (22) 25.03.2020  
(54) SYSTEMS AND METHODS FOR FASTENING KICKRAILS IN FRONT OF APPLIANCES

(71) Sfetsos, S.  
(21) 2020900941 (22) 27.03.2020  
(54) A self-extinguishing tobacco product

(71) Shepherd, S.  
(21) 2020900919 (22) 25.03.2020  
(54) An improved heat pipe

(71) Spackman, D.  
(21) 2020900940 (22) 27.03.2020  
(54) An odour extraction system for a toilet

Start Smart Investments Pty Ltd see AZL Holdings Pty Ltd  
(21) 2020900928

(71) St Francis Pharmaceuticals Pty Ltd  
(21) 2020900933 (22) 26.03.2020  
(54) Method for Producing Sanitizing Product

(71) Technofast Industries Pty Ltd  
(21) 2020900923 (22) 26.03.2020  
(54) Radial fit coupling bolts

(71) The Cawthron Institute Trust Board  
(21) 2020900916 (22) 25.03.2020  
(54) SEMISYNTHETIC METHODS OF PREPARING GTX<sub>1,4</sub> AND NEOSAXITOXIN

(71) The Cawthron Institute Trust Board  
(21) 2020900931 (22) 26.03.2020  
(54) PREPARATION OF NEOSAXITOXIN

(71) The Council of The Queensland Institute of Medical Research  
(21) 2020900934 (22) 26.03.2020  
(54) Determining cancer responsiveness to treatment

(71) The Florey Institute of Neuroscience and Mental Health  
(21) 2020900907 (22) 25.03.2020  
(54) Compositions and methods for the treatment of PCDH19 related disorders

(71) Trelleborg Engineered Products Australia Pty Ltd  
(21) 2020900893 (22) 24.03.2020  
(54) Induction stripping

(71) Trihey, A.  
(21) 2020900905 (22) 25.03.2020  
(54) Shower water and energy saving reservoir

(71) University of Tasmania  
(21) 2020900913 (22) 25.03.2020  
(54) DNA altering proteins and uses therefor

(71) Vlepis Solutions Pty Ltd  
(21) 2020900903 (22) 25.03.2020  
(54) Devices, systems and methods for monitoring physiological characteristics of a patient

(71) Ward, R.; Osborne, R.; Williams, M.  
(21) 2020900946 (22) 27.03.2020  
(54) Syringe Pump

Williams, M. see Ward, R.  
(21) 2020900946

(71) WIREMAN PTY LIMITED  
(21) 2020900892 (22) 24.03.2020  
(54) Fence Post and Fencing Method

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2020900892	WIREMAN PTY LIMITED
2020900893	Trelleborg Engineered Products Australia Pty Ltd
2020900894	Jobnston, Z.
2020900895	Plant IP Pty Ltd
2020900897	Bolton, L.
2020900898	Dunlop, C.
2020900899	NewSouth Innovations Pty Limited
2020900900	Liquid Time Pty Ltd
2020900901	Pavic, B.
2020900902	BRADLEY, M.
2020900903	Vlepis Solutions Pty Ltd
2020900904	Arnolds Innovations Pty Ltd
2020900905	Trihey, A.
2020900906	Kavanagh Industries Pty Ltd
2020900907	The Florey Institute of Neuroscience and Mental Health
2020900908	ASPIRE EDUCATION AND TRAINING PTY LTD
2020900909	Pring, G.
2020900910	Mitchell, P.
2020900911	SCLK Pty Ltd
2020900912	Kudzius, A.; Lee, L.
2020900913	University of Tasmania
2020900914	Isolate Innovations Pty Ltd
2020900915	Michael Buck IP
2020900916	The Cawthron Institute Trust Board
2020900917	Crane, B.
2020900918	Lotz, V.
2020900919	Shepherd, S.
2020900920	Fable Holdings Pty Ltd
2020900922	Forest, P.
2020900923	Technofast Industries Pty Ltd
2020900924	Kirkham, S.
2020900925	INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.
2020900926	INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.
2020900927	Arakel, A.; Pact Renewables Pty Ltd
2020900928	AZL Holdings Pty Ltd; Start Smart Investments Pty Ltd
2020900929	InterK Peptide Therapeutics Limited
2020900930	Alcoa of Australia Limited
2020900931	The Cawthron Institute Trust Board
2020900932	Repeller Pty Ltd
2020900933	St Francis Pharmaceuticals Pty Ltd
2020900934	The Council of The Queensland Institute of Medical Research
2020900935	Hamilton, W.
2020900936	Commonwealth Scientific and Industrial Research Organisation
2020900937	Gomez, R.
2020900938	Moroz Technologies Pty Ltd
2020900939	AFV Pty Ltd
2020900940	Spackman, D.
2020900941	Sfetsos, S.
2020900942	Johnstone, G.
2020900943	Atlassian Pty Ltd; Atlassian Inc.
2020900946	Ward, R.; Osborne, R.; Williams, M.

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 24 Mar 2020 .

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

<p>(71) Ab Initio Technology LLC (21) 2020202161 (22) 26.03.2020 (54) EXECUTABLE LOGIC FOR PROCESSING KEYED DATA IN NETWORKS (62) 2017269280</p>	<p>(54) Devices and methods for assisting a user of a drug delivery device (62) 2015271676</p>	<p>(54) RNA formulation for immunotherapy (62) 2017279565</p>
<p>(71) AEL Mining Services Limited (21) 2020202062 (22) 23.03.2020 (54) BOOSTER SHELL (31) 2019/01844 (32) 26.03.19 (33) ZA</p>	<p>(71) Anthrogenesis Corporation (21) 2020202128 (22) 25.03.2020 (54) METHODS OF GENERATING NATURAL KILLER CELLS (62) 2018200424</p>	<p>(71) Boston Scientific Neuromodulation Corporation (21) 2020202116 (22) 25.03.2020 (54) Passive charge recovery circuitry for an implantable medical device (62) 2017324876</p>
<p>(71) Allergan, Inc. (21) 2020202090 (22) 24.03.2020 (54) Implantable medical devices (62) 2018203672</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020202117 (22) 25.03.2020 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2018201690</p>	<p>(71) Bow River LLC (21) 2020202100 (22) 24.03.2020 (54) METHODS OF TREATMENT (62) 2017414697</p>
<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2020202093 (22) 24.03.2020 (54) Oligonucleotide-ligand conjugates and process for their preparation (62) 2014287002</p>	<p>(71) Austin Star Detonator Company (21) 2020202139 (22) 26.03.2020 (54) Methods and apparatus for confirmation time break (CTB) determination and shot-point in-situ recording in seismic detonators (62) 2015271068</p>	<p>(71) Brandt Industries Inc. (21) 2020202118 (22) 25.03.2020 (54) Belt conveyor capable of conveying oilseed products (31) 3,046,751 (32) 17.06.19 (33) CA</p>
<p>(71) ALSTOM Transport Technologies (21) 2020202071 (22) 23.03.2020 (54) Method, system, and software code for calibration of rail track circuits, and related rail track circuit (31) 16/367,936 (32) 28.03.19 (33) US</p>	<p>(71) Aviv, Y.; Altman, C. (21) 2020202085 (22) 24.03.2020 (54) Package and opening assembly therefor (31) 265655 (32) 27.03.19 (33) IL</p>	<p><b>BRILLIANCE BIO-TECH CO.,LTD. see Jiangnan University</b> (21) 2020202098</p>
<p>(71) ALSTOM Transport Technologies (21) 2020202074 (22) 23.03.2020 (54) Method for acquiring data captured by a capture module embedded in a mobile device following a predetermined trajectory, corresponding computer program and device (31) 19 03097 (32) 25.03.19 (33) FR</p>	<p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2020202068 (22) 23.03.2020 (54) SYSTEMS AND METHODS FOR PROVIDING INFORMATION FOR ON-DEMAND SERVICES (62) 2017352551</p>	<p>(71) C.R. Bard, Inc. (21) 2020202107 (22) 25.03.2020 (54) Catheter insertion device including top-mounted advancement components (62) 2016265702</p>
<p>(71) ALSTOM Transport Technologies (21) 2020202084 (22) 24.03.2020 (54) Method and system for localizing a railway vehicle, and related railway vehicle (31) 201941012286 (32) 28.03.19 (33) IN</p>	<p>(71) BigTinCan Holdings Limited (21) 2020202092 (22) 24.03.2020 (54) Content management system (62) 2012393494</p>	<p>(71) Campbell, S. (21) 2020202137 (22) 25.03.2020 (54) A SURFBOARD AND SPRING ASSEMBLY</p>
<p><b>Altman, C. see Aviv, Y.</b> (21) 2020202085</p>	<p>(71) BioAtla, LLC (21) 2020202133 (22) 25.03.2020 (54) Multi-specific monoclonal antibodies (62) 2018201159</p>	<p>(71) Canon Kabushiki Kaisha (21) 2020202057 (22) 23.03.2020 (54) Method, apparatus and system for encoding and decoding a block of video samples</p>
<p>(71) Amgen Inc. (21) 2020202096 (22) 24.03.2020</p>	<p>(71) BioNTech RNA Pharmaceuticals GmbH; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH (21) 2020202152 (22) 26.03.2020</p>	<p>(71) Casio Computer Co., Ltd. (21) 2020202082 (22) 24.03.2020 (54) Identification apparatus, identifier training method, identification method, and program (31) 2020-019275 (32) 07.02.20 (33) JP</p>
	<p>(71) Caterpillar, Inc. (21) 2020202109 (22) 25.03.2020 (54) AVOIDANCE MODIFIER SYSTEM FOR COLLISION AVOIDANCE SYSTEM (31) 16/373,734 (32) 03.04.19 (33) US</p>	

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<p>(71) Caterpillar, Inc. (21) 2020202111 (22) 25.03.2020 (54) TIPPING AVOIDANCE SYSTEM AND METHOD (31) 16/373,818 (32) 03.04.19 (33) US</p>	<p>(71) CSP Technologies, Inc. (21) 2020202108 (22) 25.03.2020 (54) Container and lid (62) 2017228453</p>	<p>(54) MICROORGANISMS FOR PRODUCING 1,4-BUTANEDIOL AND METHODS RELATED THERETO (62) 2018200160</p>
<p>(71) Caterpillar Inc. (21) 2020202113 (22) 25.03.2020 (54) PASSIVE BATTERY CELL DISCHARGE (31) 16/375,031 (32) 04.04.19 (33) US</p>	<p>(71) DC SOLUTIONS AUSTRALIA PTY LTD (21) 2020202159 (22) 26.03.2020 (54) APPARATUS FOR MONITORING AND ASSISTING A BATTERY (62) 2016228306</p>	<p>(71) Genomic Health, Inc. (21) 2020202164 (22) 26.03.2020 (54) GENE EXPRESSION PROFILE ALGORITHM AND TEST FOR DETERMINING PROGNOSIS OF PROSTATE CANCER (62) 2018201688</p>
<p>(71) CATERPILLAR INC. (21) 2020202150 (22) 26.03.2020 (54) CONTROL SYSTEM FOR DRILLING MACHINES (31) 16/382,948 (32) 12.04.19 (33) US</p>	<p>(71) Deere &amp; Company (21) 2020202127 (22) 25.03.2020 (54) Agricultural seed sensing and control system (31) 16/395,729 (32) 26.04.19 (33) US</p>	<p>(71) Glory Ltd. (21) 2020202120 (22) 25.03.2020 (54) Coin handling apparatus (31) 2019-060399 (32) 27.03.19 (33) JP</p>
<p>(71) Celularity, Inc. (21) 2020202076 (22) 23.03.2020 (54) Therapy with cells from human placenta and hematopoietic cells (62) 2014329513</p>	<p>(71) Epizyme, Inc. (21) 2020202088 (22) 24.03.2020 (54) COMBINATION THERAPY FOR TREATING CANCER (62) 2014360078</p>	<p>(71) GN Hearing A/S (21) 2020202087 (22) 24.03.2020 (54) Power and data hub, communication system, and related method (31) 19166019.0 (32) 28.03.19 (33) EP</p>
<p>(71) Centripetal Networks, Inc (21) 2020202148 (22) 26.03.2020 (54) Rule-based network-threat detection (62) 2016247760</p>	<p>(71) Farmobile LLC (21) 2020202103 (22) 25.03.2020 (54) DISTRIBUTED TRANSACTION-BASED SECURITY AND TRACKING OF AGRICULTURAL MACHINE AND AGRONOMIC DATA (31) 16/365,272 (32) 26.03.19 (33) US</p>	<p>(71) GREE ELECTRIC APPLIANCES, INC. (21) 2020202105 (22) 25.03.2020 (54) PHOTOVOLTAIC MODULE, INTEGRATED PHOTOVOLTAIC/PHOTOTHERMAL MODULE AND MANUFACTURING METHOD THEREOF (62) 2017228268</p>
<p>(71) Centurion Framing Systems Pty Ltd (21) 2020202171 (22) 26.03.2020 (54) Stanchion Mount (31) 2019902396 (32) 05.07.19 (33) AU</p>	<p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2020202086 (22) 24.03.2020 (54) RESPIRATORY ASSISTANCE APPARATUS (62) 2018200350</p>	<p>(71) Grifols Engineering, S.A. (21) 2020202165 (22) 26.03.2020 (54) Improved device for sterilising flexible bags by electron-beam irradiation and method for sterilising them (31) 19382282.2 (32) 12.04.19 (33) EP</p>
<p>(71) Chengdu Yefan Science and Technology Co., Ltd (21) 2020202173 (22) 26.03.2020 (54) Solar cells for shingled solar cell module, shingled solar cell module, and method of making solar cells (62) 2018409643</p>	<p>(71) Frogparking Limited (21) 2020202070 (22) 23.03.2020 (54) Vehicle identification system (31) 16/800,466 (32) 25.02.20 (33) US</p>	<p>(71) Grifols Worldwide Operations Limited (21) 2020202154 (22) 26.03.2020 (54) Container for sterilising flexible bags (31) 193882291.3 (32) 15.04.19 (33) EP</p>
<p>(71) Clover Network, Inc. (21) 2020202166 (22) 26.03.2020 (54) Multi-use near field communication front end on a point of sale system (62) 2018200864</p>	<p>(71) Gelliner Limited (21) 2020202089 (22) 24.03.2020 (54) Payment confirmation system and method (62) 2017304749</p>	<p>(71) Grünenthal GmbH (21) 2020202055 (22) 23.03.2020 (54) Dosage form providing prolonged release of tapentadol phosphoric acid salt (31) EP20160420.4 (32) 02.03.20 (33) EP</p>
<p>(71) Covidien LP (21) 2020202122 (22) 25.03.2020 (54) Balloon trocar including a pin (31) 62/833,826 (32) 15.04.19 (33) US 16/818,292 13.03.20 US</p>	<p>(71) Gemalto SA (21) 2020202106 (22) 23.03.2020 (54) METHOD, DEVICE, SERVER AND SYSTEM FOR AUTHENTICATING A USER (62) 2016373702</p>	<p>(71) Grünenthal GmbH (21) 2020202056 (22) 23.03.2020 (54) Dosage form providing prolonged release of tapentadol phosphoric acid salt (31) 20160419.6 (32) 02.03.20 (33) EP</p>
<p>(71) Creatics LLC (21) 2020202066 (22) 23.03.2020 (54) Methods and compositions for detecting pancreatic cancer (62) 2014243704</p>	<p>(71) Genentech, Inc. (21) 2020202054 (22) 23.03.2020 (54) Treatment with anti-VEGF antibodies (62) 2018214131</p>	<p>(71) Haixing County Xinyuan Chemical Co., Ltd (21) 2020202077 (22) 23.03.2020</p>
<p>(71) Genomatica, Inc. (21) 2020202162 (22) 26.03.2020</p>	<p>(71) Genomatica, Inc. (21) 2020202162 (22) 26.03.2020</p>	<p>(71) Haixing County Xinyuan Chemical Co., Ltd (21) 2020202077 (22) 23.03.2020</p>

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(54) Oil well fracturing cross-linking agent and preparation device and preparation method thereof  
 (31) 2020100590714 (32) 18.01.20 (33) CN

(71) Healthcare Systems; Kato, Y.  
 (21) 2020202064 (22) 23.03.2020  
 (54) NOVEL COMPOUND CONTAINED IN MANUKA HONEY AND USE OF SAME  
 (62) 2018253507

(71) Hollister Incorporated  
 (21) 2020202143 (22) 26.03.2020  
 (54) Trans anal irrigation platform with bed module  
 (62) 2015287992

(71) Husqvarna AB  
 (21) 2020202149 (22) 26.03.2020  
 (54) Polishing or grinding pad assembly  
 (62) 2016326632

(71) Illumina, Inc.; University of Southern California  
 (21) 2020202145 (22) 26.03.2020  
 (54) GENE EXPRESSION PANEL FOR PROGNOSIS OF PROSTATE CANCER RECURRENCE  
 (62) 2015206336

(71) Incall Limited  
 (21) 2020202136 (22) 25.03.2020  
 (54) Telecommunications call augmentation system  
 (62) 2015348046

(71) Inoptec Limited, Zweigniederlassung Deutschland  
 (21) 2020202124 (22) 25.03.2020  
 (54) Electronic Spectacles  
 (62) 2015265868

(71) Jiangnan University; BRILLIANCE BIOTECH CO.,LTD.; Qingdao Zhike Inspection and Testing Limited Company  
 (21) 2020202098 (22) 24.03.2020  
 (54) EFFICIENT AND HIGH-QUALITY PREPARATION METHOD OF FLAVOR VEGETABLE SOLUBLE RECONSTITUTED BEANS BASED ON KALE  
 (31) 2019110028928 (32) 22.10.19 (33) CN

**Kato, Y. see Healthcare Systems**  
 (21) 2020202064

(71) Kimura Kohki Co., Ltd.  
 (21) 2020202072 (22) 23.03.2020  
 (54) Air conditioning system  
 (31) 2019-066924 (32) 29.03.19 (33) JP  
 2019-132377 18.07.19 JP  
 2019-132378 18.07.19 JP

(71) Leman Micro Devices SA  
 (21) 2020202142 (22) 26.03.2020  
 (54) PERSONAL HEALTH DATA COLLECTION  
 (62) 2015367622

(71) LG ELECTRONICS INC.  
 (21) 2020202160 (22) 26.03.2020  
 (54) Motor driving device including single inverter for single-phase motor and three-phases motor and appliance having the same  
 (31) 10-2019-0034684 (32) 26.03.19 (33) KR  
 10-2019-0034685 26.03.19 KR

(71) LifeCell Corporation  
 (21) 2020202060 (22) 23.03.2020  
 (54) Injection sensor with feedback mechanism  
 (62) 2015253669

(71) McGregor Diesel Pty Ltd  
 (21) 2020202063 (22) 23.03.2020  
 (54) BULK LIQUID MONITORING AND MANAGEMENT SYSTEM  
 (31) 2019900964 (32) 22.03.19 (33) AU

(71) Medytox Inc.  
 (21) 2020202081 (22) 24.03.2020  
 (54) Methods and compositions of bile acids and salts for reduction of fat  
 (62) 2018260917

(71) Merck Sharp & Dohme Corp.  
 (21) 2020202177 (22) 27.03.2020  
 (54) PD1 and/or LAG3 binders  
 (62) 2016355570

(71) Meyer Intellectual Properties Limited; SHERMAN, E.S.  
 (21) 2020202101 (22) 25.03.2020  
 (54) Low-Pressure Cooking Method and Cookware Vessel Adapted for the Same  
 (62) 2018241096

(71) Motorola Solutions, Inc.  
 (21) 2020202095 (22) 24.03.2020  
 (54) SIDEHAUL MINIMIZATION BY DROPPING AND RECONNECTING A MOBILE DEVICE THAT HAS HANDED OFF  
 (62) 2018233006

(71) Nagaki Seiki Co., Ltd.  
 (21) 2020202083 (22) 24.03.2020  
 (54) Cutting tool  
 (62) 2016428531

(71) NAVAL GROUP  
 (21) 2020202158 (22) 26.03.2020  
 (54) Handling system, related floating dock, naval platform and handling method

**Navipharm Co, Ltd see University-Industry Cooperation Group of Kyung Hee University**  
 (21) 2020202144

(71) NeoVasc Tiara Inc.  
 (21) 2020202169 (22) 26.03.2020  
 (54) Sequentially deployed transcatheter mitral valve prosthesis  
 (62) 2019202290

(71) NetBio, Inc.  
 (21) 2020202163 (22) 26.03.2020  
 (54) UNITARY BIOCHIP PROVIDING SAMPLE-IN TO RESULTS-OUT PROCESSING AND METHODS OF MANUFACTURE  
 (62) 2018200456

(71) NZ Tube Mills Limited  
 (21) 2020202080 (22) 24.03.2020  
 (54) A post in combination with a line connector

(71) Outotec (Finland) Oy; Swiss Tower Mill Minerals AG  
 (21) 2020202172 (22) 26.03.2020  
 (54) Improvements in grinding mills  
 (62) 2016299853

(71) Palantir Technologies, Inc.  
 (21) 2020202131 (22) 25.03.2020  
 (54) Fraud detection in healthcare  
 (62) 2014201350

(71) Pelliconi & C. S.p.A.  
 (21) 2020202140 (22) 26.03.2020  
 (54) Cap for containers, plant, method and forming device for making said cap  
 (31) 102019000005038 (32) 03.04.19 (33) IT

(71) Pfizer Inc.  
 (21) 2020202114 (22) 25.03.2020  
 (54) Vectors for expression of prostate-associated antigens  
 (62) 2014343321

**Qingdao Zhike Inspection and Testing Limited Company see Jiangnan University**  
 (21) 2020202098

(71) Quickstyle Industries Inc.  
 (21) 2020202091 (22) 24.03.2020  
 (54) Densified foam core (DFC) tile with imitation grout line  
 (62) 2017315241

(71) Rite-Hite Holding Corporation  
 (21) 2020202065 (22) 23.03.2020  
 (54) Shock Absorbing Retractable Bollard Systems  
 (62) 2016354433



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<p>(71) Safe Barriers Pte. Ltd. (21) 2020202151 (22) 26.03.2020 (54) Traffic barrier (31) 62/824,367 (32) 27.03.19 (33) US</p>	<p>(71) State Grid Hebei Electric Power Co., Ltd. (21) 2020202174 (22) 27.03.2020 (54) A INTELLIGENT MAP DATA SYSTEM MODELING METHOD AND ITS APPLICATION IN POWER AUDIT OPERATIONS (31) 2020100994328 (32) 18.02.20 (33) CN</p>	<p>(71) The Raymond Corporation (21) 2020202104 (22) 25.03.2020 (54) SYSTEMS AND METHODS FOR A MODULAR BATTERY SYSTEM (31) 62/828,777 (32) 03.04.19 (33) US</p>
<p>(71) SAFEmine AG (21) 2020202176 (22) 27.03.2020 (54) GNSS-based map generation (31) 19168545.2 (32) 10.04.19 (33) EP</p>	<p>(71) Stratos Genomics, Inc. (21) 2020202112 (22) 25.03.2020 (54) Nucleoside phosphoramidate esters and derivatives thereof, use and synthesis thereof (62) 2015349730</p>	<p>(71) The United States of America as Represented by the Secretary of the Navy (21) 2020202175 (22) 27.03.2020 (54) ALUMINUM ALLOY COATED PIGMENTS AND CORROSION-RESISTANT COATINGS (62) 2018208744</p>
<p>(71) SARB Management Group Pty Ltd (21) 2020202157 (22) 26.03.2020 (54) Vehicle detection (62) 2018202077</p>	<p>(71) SUZHOU ONE WORLD TECHNOLOGY CO. LTD (21) 2020202170 (22) 26.03.2020 (54) METHOD AND SYSTEM FOR DATA TRANSMITTING AND DISPLAYING (62) 2018201343</p>	<p><b>The University of Birmingham see University of Virginia Patent Foundation</b> (21) 2020202110</p>
<p>(71) SGX AS (21) 2020202168 (22) 26.03.2020 (54) METHOD AND SYSTEM RELATED TO AUTHENTICATION OF USERS FOR ACCESSING DATA NETWORKS (62) 2014284786</p>	<p><b>Swiss Tower Mill Minerals AG see Outotec (Finland) Oy</b> (21) 2020202172</p>	<p>(71) Trillium Therapeutic Inc. (21) 2020202119 (22) 25.03.2020 (54) Treatment of CD47+ disease cells with SIRP Alpha-Fc fusions (62) 2018201039</p>
<p>(71) Shenzhen Aurora Technology Co., Ltd. (21) 2020202178 (22) 27.03.2020 (54) Lamp (31) 201910633902.1 (32) 15.07.19 (33) CN</p>	<p>(71) Tableau Software, Inc. (21) 2020202141 (22) 26.03.2020 (54) Interactive data visualization user interface with gesture-based data field selection (62) 2016324602</p>	<p><b>TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see BioNTech RNA Pharmaceuticals GmbH</b> (21) 2020202152</p>
<p><b>SHERMAN, E.S. see Meyer Intellectual Properties Limited</b> (21) 2020202101</p>	<p>(71) The Boeing Company (21) 2020202134 (22) 25.03.2020 (54) Data driven machine learning for modeling aircraft sensors (31) 16/433,822 (32) 06.06.19 (33) US</p>	<p>(71) TuSimple, Inc. (21) 2020202053 (22) 23.03.2020 (54) A camera mounting device for a vehicle (31) 62/824,250 (32) 26.03.19 (33) US</p>
<p>(71) Signal Pharmaceuticals, LLC (21) 2020202146 (22) 26.03.2020 (54) Solid forms of 2-(tert-butylamino)-4-((1r,3r,4r)-3-hydroxy-4-methylcyclohexylamino)-pyrimidine-5-carboxamide, compositions thereof and methods of their use (62) 2015211036</p>	<p>(71) The Cawthron Institute Trust Board (21) 2020202129 (22) 25.03.2020 (54) PREPARATIVE SCALE CONVERSION OF GONYAUTOXINS TO NEOSAX-ITOXIN (62) 2019333840</p>	<p>(71) University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd (21) 2020202144 (22) 26.03.2020 (54) Novel lactobacillus having various functions, and use thereof (62) 2016322617</p>
<p>(71) Sirna Therapeutics, Inc. (21) 2020202097 (22) 24.03.2020 (54) Short interfering nucleic acid (siNA) molecules containing a 2' internucleoside linkage (62) 2014219019</p>	<p>(71) The Chinese University of Hong Kong (21) 2020202153 (22) 26.03.2020 (54) Single-molecule sequencing of plasma DNA (62) 2016305103</p>	<p><b>University of Southern California see Illumina, Inc.</b> (21) 2020202145</p>
<p>(71) Snap-on Incorporated (21) 2020202138 (22) 26.03.2020 (54) Floor jack lockout assembly (31) 16/434,730 (32) 07.06.19 (33) US</p>	<p>(71) Theoblomg Global Limited (21) 2020202075 (22) 23.03.2020 (54) PROCESSING AND STORAGE OF LOCATION DATA (31) 1911299.4 (32) 07.08.19 (33) GB</p>	<p>(71) University of Virginia Patent Foundation; The University of Birmingham (21) 2020202110 (22) 25.03.2020 (54) Target peptides for colorectal cancer therapy and diagnostics (62) 2018203542</p>
<p>(71) State Grid Hebei Electric Power Co., Ltd. (21) 2020202079 (22) 23.03.2020 (54) A Smart Power Audit Method Based on Satellite Map Technology (31) 2020100994065 (32) 18.02.20 (33) CN</p>	<p>(71) The OCAM Group Pty Ltd (21) 2020202155 (22) 26.03.2020 (54) Energy Absorbing Vehicle Accessory Mount (31) 2019901149 (32) 04.04.19 (33) AU</p>	<p>(71) Veltek Associates, Inc. (21) 2020202115 (22) 25.03.2020 (54) Programmable logic controller-based system and user interface for air sampling in controlled environments (62) 2015306958</p>

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- (71) Verseon Corporation  
(21) 2020202167 (22) 26.03.2020  
(54) PYRAZOLYL-SUBSTITUTED  
PYRIDONE COMPOUNDS AS SERINE  
PROTEASE INHIBITORS  
(62) 2015317522
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- (71) View, Inc.  
(21) 2020202135 (22) 25.03.2020  
(54) Control method for tintable windows  
(62) 2018201341
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- (71) Virtual Watchman  
(21) 2020202067 (22) 23.03.2020  
(54) INTERACTIVE ADVERTISING SYS-  
TEM  
(62) 2017213492
- 
- (71) Wiworld Co., Ltd.  
(21) 2020202102 (22) 25.03.2020  
(54) SATELLITE TRACKING ANTENNA  
SYSTEM IN A PLURALITY OF SATEL-  
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LITE TRACKING METHOD USING THE  
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(31) 10-2019-0036449 (32) 29.03.19 (33) KR
- 
- (71) Zhejiang Orient Gene Biotech Co., Ltd  
(21) 2020202121 (22) 25.03.2020  
(54) DETECTION DEVICE  
(31) 202020236601.3 (32) 02.03.20 (33) CN  
202010134242.5 02.03.20 CN  
202020234667.9 02.03.20 CN  
202010134256.7 02.03.20 CN  
202020234643.3 02.03.20 CN
- 
- (71) Zoetis Services LLC  
(21) 2020202147 (22) 26.03.2020  
(54) Oil-based adjuvants  
(62) 2014321369

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<b>2020202053</b>	TuSimple, Inc.	<b>2020202129</b>	The Cawthron Institute Trust Board
<b>2020202054</b>	Genentech, Inc.	<b>2020202131</b>	Palantir Technologies, Inc.
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<b>2020202056</b>	Grünenthal GmbH	<b>2020202134</b>	The Boeing Company
<b>2020202057</b>	Canon Kabushiki Kaisha	<b>2020202135</b>	View, Inc.
<b>2020202060</b>	LifeCell Corporation	<b>2020202136</b>	Incall Limited
<b>2020202062</b>	AEL Mining Services Limited	<b>2020202137</b>	Campbell, S.
<b>2020202063</b>	McGregor Diesel Pty Ltd	<b>2020202138</b>	Snap-on Incorporated
<b>2020202064</b>	Healthcare Systems; Kato, Y.	<b>2020202139</b>	Austin Star Detonator Company
<b>2020202065</b>	Rite-Hite Holding Corporation	<b>2020202140</b>	Pelliconi & C. S.p.A.
<b>2020202066</b>	Creatics LLC	<b>2020202141</b>	Tableau Software, Inc.
<b>2020202067</b>	Virtual Watchman	<b>2020202142</b>	Leman Micro Devices SA
<b>2020202068</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	<b>2020202143</b>	Hollister Incorporated
<b>2020202070</b>	Frogparking Limited	<b>2020202144</b>	University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd
<b>2020202071</b>	ALSTOM Transport Technologies	<b>2020202145</b>	Illumina, Inc.; University of Southern California
<b>2020202072</b>	Kimura Kohki Co., Ltd.	<b>2020202146</b>	Signal Pharmaceuticals, LLC
<b>2020202074</b>	ALSTOM Transport Technologies	<b>2020202147</b>	Zoetis Services LLC
<b>2020202075</b>	Theoblong Global Limited	<b>2020202148</b>	Centripetal Networks, Inc
<b>2020202076</b>	Celularity, Inc.	<b>2020202149</b>	Husqvarna AB
<b>2020202077</b>	Haixing County Xinyuan Chemical Co., Ltd	<b>2020202150</b>	CATERPILLAR INC.
<b>2020202079</b>	State Grid Hebei Electric Power Co., Ltd.	<b>2020202151</b>	Safe Barriers Pte. Ltd.
<b>2020202080</b>	NZ Tube Mills Limited	<b>2020202152</b>	BioNTech RNA Pharmaceuticals GmbH; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
<b>2020202081</b>	Medytox Inc.	<b>2020202153</b>	The Chinese University of Hong Kong
<b>2020202082</b>	Casio Computer Co., Ltd.	<b>2020202154</b>	Grifols Worldwide Operations Limited
<b>2020202083</b>	Nagaki Seiki Co., Ltd.	<b>2020202155</b>	The OCAM Group Pty Ltd
<b>2020202084</b>	ALSTOM Transport Technologies	<b>2020202157</b>	SARB Management Group Pty Ltd
<b>2020202085</b>	Aviv, Y.; Altman, C.	<b>2020202158</b>	NAVAL GROUP
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<b>2020202089</b>	Gelliner Limited	<b>2020202162</b>	Genomatica, Inc.
<b>2020202090</b>	Allergan, Inc.	<b>2020202163</b>	NetBio, Inc.
<b>2020202091</b>	Quickstyle Industries Inc.	<b>2020202164</b>	Genomic Health, Inc.
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<b>2020202096</b>	Amgen Inc.	<b>2020202168</b>	SGX AS
<b>2020202097</b>	Sirna Therapeutics, Inc.	<b>2020202169</b>	NeoVasc Tiara Inc.
<b>2020202098</b>	Jiangnan University; BRILLIANCE BIO-TECH CO.,LTD.; Qingdao Zhike Inspection and Testing Limited Company	<b>2020202170</b>	SUZHOU ONE WORLD TECHNOLOGY CO. LTD
<b>2020202100</b>	Bow River LLC	<b>2020202171</b>	Centurion Framing Systems Pty Ltd
<b>2020202101</b>	Meyer Intellectual Properties Limited; SHERMAN, E.S.	<b>2020202172</b>	Outotec (Finland) Oy; Swiss Tower Mill Minerals AG
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<b>2020202106</b>	Gemalto SA	<b>2020202177</b>	Merck Sharp & Dohme Corp.
<b>2020202107</b>	C.R. Bard, Inc.	<b>2020202178</b>	Shenzhen Aurora Technology Co., Ltd.
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<b>2020202111</b>	Caterpillar, Inc.		
<b>2020202112</b>	Stratos Genomics, Inc.		
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<b>2020202127</b>	Deere & Company		
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**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 24 Mar 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) AFFILIATED HOSPITAL OF NANTONG UNIVERSITY (21) 2020100457 (22) 25.03.2020 (54) USE OF circRNA IN PREPARATION OF DIAGNOSTIC KIT FOR HEPATOCELLULAR CARCINOMA AND KIT USING circRNA (31) 201911402395.7 (32) 31.12.19 (33) CN</p> <hr/> <p>(71) Ananth, C.; BRABIN, D.D.; NARASIMMAN, P.; Niha, K.; T.C., S.L.; Muthulakshmi, R.; Jacon, S.; Rosita, J. (21) 2020100445 (22) 23.03.2020 (54) A SYSTEM AND METHOD OF REPRESENTING HEALTH DATA</p> <hr/> <p><b>BRABIN, D.D. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p>(71) Chernih, N. (21) 2020100456 (22) 25.03.2020 (54) Cyclorama Modular System</p> <hr/> <p>(71) Ellis, P. (21) 2020100458 (22) 25.03.2020 (54) Improvements in Drying Racks (31) 2019901015 (32) 26.03.19 (33) AU</p> <hr/> <p>(71) Fujian Nanwang Environment Protection Scien-Tech Co., Ltd. (21) 2020100450 (22) 24.03.2020 (54) CARRIER BAG (62) PCT/CN2018/108908</p> <hr/> <p>(71) Giumelli, C. (21) 2020100453 (22) 24.03.2020 (54) Disinfectant bomb - Disinfectant dispersal system for small, medium and large areas. Disinfectant slow release spray for all modes of transport, homes and offices.</p> <hr/> <p>(71) Grünenthal GmbH (21) 2020100441 (22) 23.03.2020 (54) Dosage form providing prolonged release of tapentadol phosphoric acid salt (62) 2020202055</p> <hr/> <p>(71) Grünenthal GmbH (21) 2020100442 (22) 23.03.2020 (54) Dosage form providing prolonged release of tapentadol phosphoric acid salt (62) 2020202056</p> <hr/>	<p>(71) Gu, M. (21) 2020100455 (22) 21.03.2020 (54) Court Case Management System</p> <hr/> <p>(71) Howarth, D. (21) 2020100452 (22) 24.03.2020 (54) DISTILLING APPARATUS</p> <hr/> <p><b>Jacon, S. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p>(71) Jin, X. (21) 2020100454 (22) 25.03.2020 (54) A Luminous Earbuds Accessory</p> <hr/> <p>(71) Kennedy Innovations Pty Ltd (21) 2020100446 (22) 24.03.2020 (54) Sheet Connector (31) 2019903487 (32) 19.09.19 (33) AU</p> <hr/> <p>(71) LIU, Q. (21) 2020100449 (22) 24.03.2020 (54) Replaceable filter medical mask with recovery device</p> <hr/> <p><b>Muthulakshmi, R. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p><b>NARASIMMAN, P. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p><b>Niha, K. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p><b>Rosita, J. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p>(71) SHIRE EYE &amp; RETINA SPECIALISTS PTY LIMITED (21) 2020100465 (22) 26.03.2020 (54) The Reception Desktop Shield, the Personal Desktop Shield and the Floor Free-Standing Shield</p> <hr/> <p>(71) Sonova AG (21) 2020100464 (22) 26.03.2020 (54) A HEARING DEVICE SYSTEM AND A METHOD FOR DYNAMICALLY PRESENTING A HEARING DEVICE MODIFICATION PROPOSAL TO A USER OF A HEARING DEVICE (62) PCT/EP2017/076349</p> <hr/>	<hr/> <p>(71) Stratco (Australia) Pty Limited (21) 2020100447 (22) 24.03.2020 (54) CLADDING PANEL ARRANGEMENT AND PANEL RETAINER CLIP (31) 2019901072 (32) 29.03.19 (33) AU</p> <hr/> <p>(71) Stratco (Australia) Pty Limited (21) 2020100448 (22) 24.03.2020 (54) CLADDING PANEL ARRANGEMENT (31) 2019901072 (32) 29.03.19 (33) AU</p> <hr/> <p><b>T.C., S.L. see Ananth, C.</b> (21) 2020100445</p> <hr/> <p>(71) Xi'an Emanty Electronic Technology Co., Ltd (21) 2020100451 (22) 24.03.2020 (54) A DEVICE FOR ACCELERATING PENETRATION (62) 2019285777</p> <hr/> <p>(71) YUAN, J. (21) 2020100463 (22) 26.03.2020 (54) A BREATH ODOUR DETECTION MASK (31) 2019901799 (32) 27.05.19 (33) AU</p> <hr/> <p>(71) Zhengzhou Fruit Research Institute of Chinese Academy of Agricultural Sciences (21) 2020100459 (22) 25.03.2020 (54) THE IAA-LEUCINE RESISTANT1-LIKE HYDROLASE GENE PpIAAH1 IN PEACH AND APPLICATIONS THERE-OF (31) 201910272923.5 (32) 04.04.19 (33) CN</p> <hr/>
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<b>2020100441</b>	Grüenthal GmbH	<b>2020100453</b>	Giumelli, C.
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<b>2020100451</b>	Xi'an Emanty Electronic Technology Co., Ltd	<b>2020100464</b>	Sonova AG
<b>2020100452</b>	Howarth, D.	<b>2020100465</b>	SHIRE EYE & RETINA SPECIALISTS PTY LIMITED

**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)
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- 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)
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- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
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- 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)
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- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)
  
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- B Applications on which a direction to request examination has been given
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 2017101257 ( 21F )    2017101259 ( 22E )    2017101260 ( 22E )  
 2017101263 ( 22E )    2017101265 ( 22E )    2017101266 ( 22E )  
 2017101270 ( 22E )    2017201046 ( 1B )    2017204865 ( 4C )  
 2017205322 ( 5C )    2017205795 ( 1B )    2017216520 ( 5C )  
 2017219199 ( 1B )    2017219431 ( 1B )    2017220532 ( 1B )  
 2017220691 ( 1B )    2017235898 ( 4C )    2017235931 ( 5C )  
 2017239535 ( 4C )    2017239545 ( 4C )    2017249396 ( 5C )  
 2017251862 ( 4C )    2017256171 ( 5C )    2017258884 ( 4C )  
 2017260467 ( 25D )    2017261587 ( 4C )    2017272216 ( 4C )  
 2017272217 ( 4C )    2017272218 ( 4C )    2017272219 ( 4C )  
 2017272289 ( 4C )    2017272297 ( 4C )    2017272332 ( 4C )  
 2017279649 ( 5C )    2017335562 ( 5C )    2017418553 ( 7A )

**2018**

2018200738 ( 5C )    2018200804 ( 5C )    2018200960 ( 5C )  
 2018201098 ( 5C )    2018201369 ( 5C )    2018201410 ( 4C )  
 2018201538 ( 5C )    2018201550 ( 5C )    2018201574 ( 5C )  
 2018201580 ( 5C )    2018201620 ( 5C )    2018201637 ( 5C )  
 2018201776 ( 5C )    2018201892 ( 5C )    2018201936 ( 5C )  
 2018202124 ( 5C )    2018202275 ( 5C )    2018202284 ( 5C )  
 2018202391 ( 5C )    2018202626 ( 5C )    2018202922 ( 5C )  
 2018202942 ( 5C )    2018202997 ( 5C )    2018203080 ( 5C )  
 2018203314 ( 5C )    2018203624 ( 5C )    2018203703 ( 5C )  
 2018203792 ( 5C )    2018204012 ( 5C )    2018204107 ( 4C )  
 2018204414 ( 5C )    2018204457 ( 5C )    2018204734 ( 5C )  
 2018204756 ( 4C )    2018205107 ( 4C )    2018208664 ( 5C )  
 2018211260 ( 5C )    2018211279 ( 5C )    2018214124 ( 4C )  
 2018253583 ( 5C )    2018253584 ( 5C )    2018256172 ( 5C )  
 2018279296 ( 5C )    2018309046 ( 6A )

**2019**

2019100495 ( 21F )    2019100544 ( 21F )    2019100803 ( 21F )  
 2019100805 ( 21F )    2019200121 ( 4C )    2019201210 ( 12C )  
 2019202268 ( 4C )    2019202337 ( 4C )    2019284004 ( 1B )  
 2019284008 ( 1B )    2019284035 ( 1B )    2019284047 ( 1B )  
 2019284065 ( 1B )    2019284120 ( 1B )    2019901018 ( 12AN )  
 2019901049 ( 12AN )

**2020**

2020100011 ( 18AN ) 2020200243 ( 7AN )

**Assignments before Grant, Section 113**

**2016**

2016215101 Lonza Inc. The application has been assigned to **Lonza, LLC**

2016356726 Australian Biomedical Co. Pty Ltd. The application has been assigned to **AusVir Therapeutics Pty Ltd**

**2017**

2017211790 Synthetic Genomics, Inc. The application has been assigned to **Smallfood Inc.**

2017289686 Mojito The application has been assigned to **Biotech Dental**

2017385010 Universal Technical Resource Services, Inc. The application has been assigned to **Universal Achemetal Titanium, LLC**

**2018**

2018313951 Terry, Richard; Allan, Nicholas; Olson, Merle The application has been assigned to **Chinook Contract Research Inc.**

**2019**

2019216714 Advanced Accelerator Applications USA, Inc. The application has been assigned to **Advanced Accelerator Applications International S.A.**

2019904563 Brooklyn Dynamics Pty Ltd The application has been assigned to **Stingr.ai Pty Ltd**

**2020**

2020201696 MIRteq Pty Limited The application has been assigned to **Mirotone Pty Limited**

2020900100 Unique Fluid Power The application has been assigned to **Autonomous Tensioning System 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.

**2010**

2010202799 **Davies, K.** An application to extend the time from 02 Jul 2017 to 02 Feb 2020 in which to pay a renewal fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

**2013**

2013336190 **Watal, A.** An application to extend the time from 18 Oct 2018 to 18 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**Extensions of Time, Section 223**

**2015**

2015100295 **Medical IQ Pty Ltd** An application to extend the time from 09 Mar 2018 to 09 Apr 2020 in which to pay a renewal fee has been filed . Address for service - Golja Haines & Friend PO BOX 1014 SOUTH PERTH WA 6951 AU

2015289831 **The Penn State Research Foundation** An application to extend the time from 14 Jul 2019 to 14 Apr 2020 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015298737 **Eaton Intelligent Power Limited** An application to extend the time from 04 Jun 2018 to 04 Nov 2019 in which to request examination and pay the continuation fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

**2018**

2018230607 **The Lubrizol Corporation** An application to extend the time from 06 Oct 2019 to 06 Mar 2020 in which to enter the National Phase has been filed . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

**2020**

2020200119 **QINGDAO BEIMEI OIL AND GAS ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.** An application to extend the time from 07 Jun 2019 to 07 Feb 2020 in which to claim the convention priority date has been filed . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

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

**2016**

2016321334 **Psomagen, Inc.** The time in which to request Examination has been extended to 03 Feb 2020 . Address for service - Clark Intellectual Property Pty Ltd Suite 102 6-8 Clarke Street Crows Nest NSW 2065 AU

**2017**

2017257967 **Haupt, R.** The time in which to pay the acceptance fee has been extended to 05 Apr 2020 . Address for service - Gestalt Law Pty Ltd GPO Box 683 Sydney NSW 2001 AU

2017307332 **Shell Internationale Research Maatschappij B.V.** The time in which to pay the acceptance fee has been extended to 24 Mar 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017374056 **Ningbo Shijia Cleaning Tools Co., Ltd; Zhejiang Lera New Energy Power Technology Co., Ltd.** The time in which to pay the acceptance fee has been extended to 07 Mar 2020 . Address for service - INNOFY PTY LTD 315 Brunswick St Fortitude Valley Brisbane QLD 4000 AU

**2018**

2018256674 **NOWWW.US Pty Ltd** The time in which to pay the acceptance fee has been extended to 14 Mar 2020 . Address for service - Lance Arthur Roman-Miller PO Box R813 Royal Exchange NSW 1225 AU



**Extensions of Time, Section 223**

**2019**

2019271923 **Hill, C.** The time in which to request Examination has been extended to 03 Mar 2020 . Address for service - Christopher A. Hill PO BOX 784 Cottesloe WA 6911 AU

**2020**

2020200096 **Schneider Electric (Australia) Pty Limited** The time in which to associate with a complete application has been extended to 21 Jan 2020 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020201248 **Iconic Fan Company Pty Ltd** The time in which to claim the convention priority date has been extended to 25 Feb 2020 . Address for service - Chrysiliou IP Unit 1, Level 2, 15 Rodborough Road Frenchs Forest NSW 2086 AU

**Amendments**

**Applications for Amendment**

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

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

**2000**

2000020313 Compositions and methods for increasing bone mineralization **UCB PHARMA S.A.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2014**

2014300703 Improved inventory sourcing system **Euroclear SA/NV ; Distefano, L.** The nature of the amendment is: Remove applicant Luigi Distefano . Address for service - Chrysiliou IP Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2014338864 Oncolytic adenoviruses armed with heterologous genes **PSI-OXUS THERAPEUTICS LIMITED** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2020 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**2015**

2015287989 Portable trans anal irrigation device **Hollister Incorporated** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015301071 Interleukin-2/Interleukin-2 Receptor alpha fusion proteins and methods of use **University of Miami** The nature of the amendment is as shown in the statement(s) filed 04 Mar 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2015314499 Key and associated lock **EVVA Sicherheitstechnologie GmbH.** The nature of the amendment is as shown in the statement(s) filed

**Amendments**

26 Feb 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016221436 Lowering buoyant structures in water **Aceryg France SAS** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2020 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins St MELBOURNE VIC 3001 AU

2016244865 Stable two component spray foam compositions containing hydrohaloolefin propellant or blowing agent **DAP Products Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016282408 Method for controlling hydrophobic particles in aqueous environment in paper or board manufacture **Kemira Oyj** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2020 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2016282475 Compact spraying module, system for spraying and controlling a plurality of such modules, and method for controlling modules of such a system **Pellenc (SAS)** The nature of the amendment is as shown in the statement(s) filed 11 Mar 2020 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2017**

2017329931 Electrode assemblies **GRST International Limited** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2020 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2018**

2018201733 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 11 Mar 2020 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018417768 COMPOSITION CONTAINING FINE PARTICLE COMPOSITE AND METHOD FOR MANUFACTURING THE SAME **Mizkan Holdings Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Mar 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**Amendments Made**

**2013**

2013286823 **The University of Queensland; Monash University; The University of Melbourne** The nature of the amendment is: Add inventor Eckle, Sidonia Barbara Guiomar

**2015**

2015218506 **Techtronic Outdoor Products Technology Limited** The nature of the amendment is: Application is to proceed under the number 2015101982

**2016**

2016228367 **Tokuyama Corporation** The nature of the amendment is as shown in the statement filed 23 Dec 2019

**Amendments**

2016355097 **Mast Group Limited** The nature of the amendment is: Amend the name of the inventor to read Williams, David Hugh; Rose, Howard and Wong, Ken Jin

**2017**

2017341161 **Ping An Technology(Shenzhen)Co.,Ltd.** The nature of the amendment is: Application is to proceed under the number 2017101877

2017361118 **Baraja Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Collarte Bondy, Federico; Pulikkaseril, Cibby; Lodin, Rebecca and Tabacchini, Andrea

2017408879 **Arsenal Firearms Finance Limited** The nature of the amendment is: Amend the invention title to read GUN

**2018**

2018204694 **Norgine BV** The nature of the amendment is as shown in the statement filed 12 Dec 2019

2018309340 **Bispebjerg Hospital** The nature of the amendment is: Amend the name of the inventor to read LAURITZEN, Jes Bruun

2018312326 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement filed 02 Mar 2020

2018318303 **Gritstone Oncology, Inc.** The nature of the amendment is: Amend the invention title to read Antigen-binding proteins targeting shared antigens

2018318692 **AbbVie Inc.; AbbVie Deutschland GmbH & Co. KG** The nature of the amendment is: Amend the name of the inventor to read BRAJE, Wilfried; DOHERTY, George; JANTOS, Katja; JI, Cheng; JUDD, Andrew; KUNZER, Aaron; MASTRACCHIO, Anthony; SONG, Xiaohong; SOUERS, Andrew; SULLIVAN, Gerard; TAO, Zhi-Fu; LAI, Chunqiu; KLING, Andreas; POHLKI, Frauke; TESKE, Jesse; WENDT, Michael; BRADY, Patrick; WANG, Xilu; PENNING, Thomas and MICHAELIDES, Michael

2018322489 **Baraja Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read PULIKKASERIL, Cibby and COLLARTE BONDY, Federico

2018330126 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 06 Mar 2020

2018344119 **DIC Graphics Corporation** The nature of the amendment is: Amend the invention title to read Electron beam-curable water-based flexo ink for surface printing and boilable/retort pouch using same

2018361284 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DOWNLINK PPDU SENDING METHOD AND APPARATUS, AND DOWNLINK PPDU RECEIVING METHOD AND APPARATUS

**2019**

2019101658 **Qingdao Agricultural University** The nature of the amendment is: Amend the name of the inventor to read LI, Junliang; LIANG, Bin; DU, Zhiyong and LI, Fengzhen

**Amendments**

2019200424 **Janssen Pharmaceutica NV** The nature of the amendment is: Amend the name of the inventor to read BASSTANIE, Esther D. G.; BENTZ, Johanna; EMBRECHTS, Roger C. A. and NIEMEIJER, Nico Rudolph

2019222018 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read CHANNEL STATE INFORMATION (CSI) REPORTING METHOD AND COMMUNICATIONS APPARATUS

**2020**

2020100219 **FUZHOU AUTRAN INDUSTRIAL CO.,LTD** The nature of the amendment is as shown in the statement filed 27 Feb 2020

2020100311 **Hansen Price Pty Ltd** The nature of the amendment is: Amend the priority details to read 2019900718 05 Mar 2019 AU

2020201943 **Cable Management Solutions, Inc.** The nature of the amendment is: Amend the invention title to read Cable management systems and methods for photovoltaic systems and other cable-dependent systems

2020900744 **The University of Melbourne** The nature of the amendment is: Amend the invention title to read Peristaltic pump

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

**2005**

2005327912 **MOTION WATER SPORTS, INC** The name of the patentee has been altered to **Motion Sports, LLC**

**2006**

2006202750 **Motion Water Sports, Inc.** The name of the patentee has been altered to **Motion Sports, LLC**

**2007**

2007202103 **Trelleborg Engineered Systems Australia Pty Ltd** The name of the patentee has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

2007314128 **Trelleborg Engineered Systems Australia Pty Ltd** The name of the patentee has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

**2008**

2008245444 **Patent Investment & Licensing Company** The name of the patentee has been altered to **Acres Technology**

**2009**

2009200405 **Patent Investment & Licensing Company** The name of the patentee has been altered to **Acres Technology**

2009200677 **Patent Investment & Licensing Company** The name of the patentee has been altered to **Acres Technology**

2009201106 **Patent Investment & Licensing Company** The name of the patentee has been altered to **Acres Technology**

2009201123 **Patent Investment & Licensing Company** The name of the patentee has been altered to **Acres Technology**

**Amendments**

2009202187 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2009227833 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

**2010**

2010202540 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2010203129 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2010230084 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

**2011**

2011200777 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

**2012**

2012216578 Trelleborg Engineered Systems Australia Pty Ltd The name of the patentee has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

**2014**

2014100718 Trelleborg Engineered Systems Australia Pty Ltd The name of the patentee has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

**2015**

2015202163 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2015213394 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2015234320 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2015234394 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2015255234 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

**2016**

2016360772 Ketten-Wulf Betriebs-GmbH The name of the applicant has been altered to **KettenWulf Betriebs GmbH**

2016374572 Ketten-Wulf Betriebs-GmbH The name of the applicant has been altered to **KettenWulf Betriebs GmbH**

**2017**

2017200192 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

**Amendments**

2017200787 Motion Water Sports, Inc. The name of the patentee has been altered to **Motion Sports, LLC**

2017202226 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2017203972 Motion Water Sports, Inc. The name of the patentee has been altered to **Motion Sports, LLC**

2017228569 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2017232065 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2017261346 Gambro Lundia AB; Jane Fitzgerald The name of the applicant has been altered to **Gambro Lundia AB**

**2018**

2018200359 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018202386 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018204442 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018214138 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018250496 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018250867 Ketten-Wulf Betriebs-GmbH The name of the applicant has been altered to **KettenWulf Betriebs GmbH**

2018255489 Implicit Bioscience Pty Ltd The name of the applicant has been altered to **Implicit Bioscience Limited**

2018256672 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018282322 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2018320201 Euphoria Beer Development Ltd The name of the applicant has been altered to **Euphoria Research and Development Ltd**

2018333967 Activator Methods Internationall, Ltd. The name of the applicant has been altered to **Activator Methods International, Ltd.**

**2019**

2019200122 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

**Amendments**

2019201325 Amydis Diagnostics, Inc.; The Regents of the University of California The name of the applicant has been altered to **AMYDIS, INC.; The Regents of the University of California**

2019204099 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019204424 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019206080 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019210576 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019236634 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019250164 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019253842 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019271899 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019275529 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019280029 Miramore Inc. DBA BlendJet The name of the applicant has been altered to **BlendJet Inc.**

2019283983 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2019901030 Trelleborg Engineered Products Australia Pty Ltd The name of the applicant has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

2019902642 Implicit Bioscience Pty Ltd The name of the applicant has been altered to **Implicit Bioscience Limited**

**2020**

2020100422 Trelleborg Engineered Products Australia Pty Ltd The name of the applicant has been altered to **TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD**

2020200056 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020200061 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020200320 Integra Medical Inc. The name of the applicant has been altered to **Stellar Biome Inc.**

**Amendments**

2020200444 MOLECULAR SYSTEMS, LTD.; Kalmeta, Margaret The name of the applicant has been altered to **BioRegentech, LLC; Kalmeta, M.**

2020200696 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020201188 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020201625 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020201864 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020201873 Patent Investment & Licensing Company The name of the applicant has been altered to **Acres Technology**

2020201990 Noramco, Inc. The name of the applicant has been altered to **Noramco, LLC**

2020900246 BRIGHSUN NEW ENERGY PTY LTD; BRIGHSUN BATTERY TECH PTY LTD; BRIGHSUN NEW ENERGY (CYPRUS) LTD The name of the applicant has been altered to **BRIGHSUN NEW ENERGY PTY LTD; BRIGHSUN NEW ENERGY (CYPRUS) LTD**

Applications Open to Public Inspection

Name Index

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

<p>(71) Abramov, Y.                      (11) AU-A-2020201929                      (21) 2020201929 (22) 18.03.2020                      (54) Jet-Effect and Transformer                      (51) Int. Cl.  <i>F15D 1/00</i> ( 2006.01 )  <i>F04F 5/00</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2018204546                      (72) Abramov, Yuri                      (74) Yuri Abramov</p>	<p>(21) 2020202096 (22) 24.03.2020                      (54) Devices and methods for assisting a user of a drug delivery device                      (51) Int. Cl.  <i>A61M 5/20</i> ( 2006.01 )  <i>A61M 5/142</i> ( 2006.01 )  <i>A61M 5/315</i> ( 2006.01 )  <i>A61M 5/32</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2015271676                      (72) Tamtoro, Ferry; Yang, Huaying; Lee, Mark Ka Lai; Yin, Desheng; Gibson, Scott R.; Busby, Donald; Shultz, Peter V.; Kogler, Keith P.; Taha, Basel Hasan; Ward, Jimmie L.; McCullough, Adam B.; Badelt, Steven William                      (74) Shelston IP Pty Ltd.</p>	<p>(31) 62/734,252 (32) 20.09.18 (33) US                      62/894,841 01.09.19 US                      16/569,498 12.09.19 US                      (43) 09.04.2020                      (72) TUOMEY, Thomas; HENDRICKS, Bradley; PENACHO, Gary; BURCZYK, Damien                      (74) Griffith Hack</p>
<p>(71) Adobe Inc.                      (11) AU-A-2019221218                      (21) 2019221218 (22) 26.08.2019                      (54) NEW BRUSH-TO-CANVAS PIGMENT DEPOSITION AND MIX MODEL                      (51) Int. Cl.  <i>G06T 11/40</i> ( 2006.01 )                      (31) 16/136,897 (32) 20.09.18 (33) US                      (43) 09.04.2020                      (72) Kim, Byungmoon; Kwon, Jinyi                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Amicus Therapeutics, Inc.                      (11) AU-A-2020201715                      (21) 2020201715 (22) 09.03.2020                      (54) DOSING REGIMENS FOR THE TREATMENT OF FABRY DISEASE                      (51) Int. Cl.  <i>A01N 43/40</i> ( 2006.01 )  <i>A61K 31/445</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2018201637                      (72) Greene, Douglas Stuart; Valenzano, Kenneth Joseph                      (74) Dark IP</p>	<p>(31) 16/528,407 (32) 31.07.19 (33) US                      62/734,215 20.09.18 US                      (43) 09.04.2020                      (72) HENDRICKS, Bradley; BURCZYK, Damien; MASINTER, Joseph; BRUDERER, Amy; HARRINGTON, Andrew                      (74) Griffith Hack</p>
<p>(71) Allergan, Inc.                      (11) AU-A-2020202090                      (21) 2020202090 (22) 24.03.2020                      (54) Implantable medical devices                      (51) Int. Cl.  <i>B32B 5/02</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2018203672                      (72) Serban, Monica A.; Burke, Susan E.; Daunch, William A.; Patel, Vinit; Limem, Skander; Akers, Jessica L.; Patel, Kantilal N.; Jones, Bryan W.                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Apple Inc.                      (11) AU-A-2020201969                      (21) 2020201969 (22) 19.03.2020                      (54) User interface camera effects                      (51) Int. Cl.  <i>H04N 1/60</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2018279787                      (72) DYE, Alan C.; IVE, Jonathan P.; SOUZA DOS SANTOS, Andre; BEHZADI, Arian; MANZARI, Behkish J.; SORRENTINO III, Billy; HERMANS, Caroline; IRANI, Cyrus Daniel; PRESTON, Daniel Trent; HARRIS, Elliott; KIM, Emilie; CAO, Frederic; JOHNSON, Garrett; PAUL, Grant; BRASKET, Jeffrey A.; MALIA, Joseph A.; BEREZA, Marek; PIVONKA, Pavel                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Aristocrat Technologies Australia Pty Limited                      (11) AU-A-2019236668                      (21) 2019236668 (22) 25.09.2019                      (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING A PLAYER GOAL WHEEL ARRANGED TO DISPLAY A PLURALITY OF PLAYER GOALS                      (51) Int. Cl.  <i>G07F 17/32</i> ( 2006.01 )                      (31) 16/141,547 (32) 25.09.18 (33) US                      (43) 09.04.2020                      (72) MARKS, Daniel                      (74) Griffith Hack</p>
<p>(71) Alnylam Pharmaceuticals, Inc.                      (11) AU-A-2020202093                      (21) 2020202093 (22) 24.03.2020                      (54) Oligonucleotide-ligand conjugates and process for their preparation                      (51) Int. Cl.  <i>C07H 21/00</i> ( 2006.01 )  <i>A61P 1/16</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2014287002                      (72) MANOHARAN, Muthiah; NAIR, Jayaprakash K.; KANDASAMY, Pachamuthu; MATSUDA, Shigeo; KELIN, Alexander V.; JAYARAMAN, Muthusamy; RAJEEV, Kallanthottathil G.                      (74) Griffith Hack</p>	<p>(71) Aristocrat Technologies, Inc.                      (11) AU-A-2019232914                      (21) 2019232914 (22) 20.09.2019                      (54) MULTI-LEVEL WHEEL WITH SECONDARY WHEELS CORRESPONDING TO OUTCOMES TO THE PRIMARY WHEEL                      (51) Int. Cl.  <i>G07F 17/32</i> ( 2006.01 )  <i>A63F 13/00</i> ( 2014.01 )</p>	<p>(71) Aristocrat Technologies Australia Pty Limited                      (11) AU-A-2020201926                      (21) 2020201926 (22) 17.03.2020                      (54) A gaming machine with a hold symbol function                      (51) Int. Cl.  <i>G07F 17/34</i> ( 2006.01 )                      (43) 09.04.2020                      (62) 2019201996                      (72) CONDRON, Casey Lyle; LANGILLE, Jamie Keith; STEWART, Scott Monroe; ANDERSON, Philip Jeffrey; MCKAY, Linn Anthony                      (74) Griffith Hack</p>
<p>(71) Amgen Inc.                      (11) AU-A-2020202096</p>	<p>(71) Aristocrat Technologies Australia Pty Limited                      (11) AU-A-2019232923                      (21) 2019232923 (22) 20.09.2019                      (54) SHIFTING SIDE REELS INTO REEL AREA FOR ELECTRONIC GAMING MACHINE                      (51) Int. Cl.  <i>A63F 13/00</i> ( 2014.01 )                      (31) 16/528,407 (32) 31.07.19 (33) US                      62/734,215 20.09.18 US                      (43) 09.04.2020                      (72) HENDRICKS, Bradley; BURCZYK, Damien; MASINTER, Joseph; BRUDERER, Amy; HARRINGTON, Andrew                      (74) Griffith Hack</p>	<p>(71) Aristocrat Technologies Australia Pty Limited                      (11) AU-A-2019236668                      (21) 2019236668 (22) 25.09.2019                      (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING A PLAYER GOAL WHEEL ARRANGED TO DISPLAY A PLURALITY OF PLAYER GOALS                      (51) Int. Cl.  <i>G07F 17/32</i> ( 2006.01 )                      (31) 16/141,547 (32) 25.09.18 (33) US                      (43) 09.04.2020                      (72) MARKS, Daniel                      (74) Griffith Hack</p>

Applications Open to Public Inspection - Name Index cont'd

- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020202006  
 (21) 2020202006 (22) 19.03.2020  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
 A63F 9/24 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018208678  
 (72) PENACHO, Gary Joseph; TYLMAN, Tricia; STEWART, Scott Monroe  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020202013  
 (21) 2020202013 (22) 19.03.2020  
 (54) ARTICULATING HINGE ASSEMBLY FOR SECURING AN ACCESS DOOR ON A GAMING MACHINE CABINET  
 (51) Int. Cl.  
 E05D 3/16 ( 2006.01 )  
 E05D 5/06 ( 2006.01 )  
 G07F 9/00 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018204801  
 (72) PATEL, Jigarkumar Ghanshyambhai; BARBOUR, Timothy Francis  
 (74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2020202034  
 (21) 2020202034 (22) 20.03.2020  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
 A63F 9/24 ( 2006.01 )  
 A63F 13/00 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018201614  
 (72) MASTERA, Peter Jude; CONDRON, Casey Lyle; STEWART, Scott Monroe  
 (74) Griffith Hack
- 
- (71) ASSA ABLOY Australia Pty Limited  
 (11) AU-A-2019232902  
 (21) 2019232902 (22) 20.09.2019  
 (54) MOGUL CYLINDER LOCK ASSEMBLY  
 (51) Int. Cl.  
 E05B 9/04 ( 2006.01 )  
 E05B 9/08 ( 2006.01 )  
 E05B 27/00 ( 2006.01 )  
 E05B 63/00 ( 2006.01 )  
 E05B 63/08 ( 2006.01 )  
 (31) 2018903566 (32) 21.09.18 (33) AU  
 (43) 09.04.2020  
 (72) Wright, Peter John  
 (74) Phillips Ormonde Fitzpatrick
- 
- Aston, K. see Carrell, D.  
 (21) 2020202005
- 
- (71) AstraZeneca AB  
 (11) AU-A-2020201930  
 (21) 2020201930 (22) 18.03.2020  
 (54) ORALLY DISINTEGRATING TABLETS  
 (51) Int. Cl.  
 A61K 9/20 ( 2006.01 )  
 A61J 1/03 ( 2006.01 )  
 A61K 31/519 ( 2006.01 )  
 A61P 9/10 ( 2006.01 )  
 B65D 75/36 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2017253367  
 (72) Al Husban, Farhan Abdel Karim Mohammad; Glad, Lars Håkan Christer; Hallstein, Jenny Malin Christina; Moir, Andrea Jane; Thompson, Michael Peter  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) AUGUSTT TECHNOLOGY LIMITED  
 (11) AU-A-2018247257  
 (21) 2018247257 (22) 11.10.2018  
 (54) Lens clamping device and portable image acquisition device  
 (51) Int. Cl.  
 G02B 7/02 ( 2006.01 )  
 (31) 2018111088495 (32) 21.09.18 (33) CN  
 (43) 09.04.2020  
 (72) Chen, Xusheng  
 (74) Remarkable IP
- 
- (71) Automatic Technology (Australia) Pty Ltd  
 (11) AU-A-2019232841  
 (21) 2019232841 (22) 18.09.2019  
 (54) A clutch assembly  
 (51) Int. Cl.  
 E06B 9/74 ( 2006.01 )  
 E05F 15/676 ( 2015.01 )  
 E06B 9/08 ( 2006.01 )  
 F16D 11/06 ( 2006.01 )  
 (31) 2018903560 (32) 21.09.18 (33) AU  
 2018903651 27.09.18 AU  
 (43) 09.04.2020  
 (72) Dang, Toan; Matthews, George  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Avalyn Pharma Inc.  
 (11) AU-A-2020201933  
 (21) 2020201933 (22) 18.03.2020  
 (54) Aerosol tyrosine kinase inhibitor compounds and uses thereof  
 (51) Int. Cl.  
 A61K 31/506 ( 2006.01 )  
 A01N 43/04 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018222878  
 (72) Surber, Mark William  
 (74) FB Rice Pty Ltd
- 
- (71) Azuma Design Pty Limited  
 (11) AU-A-2019232916  
 (21) 2019232916 (22) 20.09.2019  
 (54) A lock actuator assembly  
 (51) Int. Cl.  
 E05B 63/00 ( 2006.01 )  
 E05B 17/04 ( 2006.01 )  
 E05C 3/02 ( 2006.01 )  
 (31) 2018903532 (32) 20.09.18 (33) AU
- 
- (43) 09.04.2020  
 (72) Donze, Jordy; Winston, David  
 (74) Spruson & Ferguson
- 
- (71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
 (11) AU-A-2020201991  
 (21) 2020201991 (22) 19.03.2020  
 (54) SYSTEMS AND METHODS FOR RECOMMENDING AN ESTIMATED TIME OF ARRIVAL  
 (51) Int. Cl.  
 G08G 1/0968 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2017253916  
 (72) Wang, Zheng; Sun, Shujuan; Ye, Jieping  
 (74) IP& Pty Ltd
- 
- (71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
 (11) AU-A-2020201997  
 (21) 2020201997 (22) 19.03.2020  
 (54) System and method for real-time transcription of an audio signal into texts  
 (51) Int. Cl.  
 H04M 3/493 ( 2006.01 )  
 H04W 4/18 ( 2009.01 )  
 (43) 09.04.2020  
 (62) 2017411915  
 (72) Li, Shilong  
 (74) Shelston IP Pty Ltd.
- 
- (71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
 (11) AU-A-2020202068  
 (21) 2020202068 (22) 23.03.2020  
 (54) SYSTEMS AND METHODS FOR PROVIDING INFORMATION FOR ON-DEMAND SERVICES  
 (51) Int. Cl.  
 G06Q 50/30 ( 2012.01 )  
 (43) 09.04.2020  
 (62) 2017352551  
 (72) ZHANG, Lingyu; OU, Zhihao; GUO, Dong; SONG, Qi; ZHUO, Chengxiang  
 (74) IP& Pty Ltd
- 
- (71) BigTinCan Holdings Limited  
 (11) AU-A-2020202092  
 (21) 2020202092 (22) 24.03.2020  
 (54) Content management system  
 (51) Int. Cl.  
 G06F 21/00 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2012393494  
 (72) Keane, David Malcolm  
 (74) Spruson & Ferguson
- 
- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2019219814  
 (21) 2019219814 (22) 22.08.2019  
 (54) Radiofrequency (RF) transmission system to find tissue proximity  
 (51) Int. Cl.  
 A61B 5/0478 ( 2006.01 )  
 A61B 5/0402 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- A61B 5/042** ( 2006.01 )  
**A61B 5/0492** ( 2006.01 )  
**(31)** 16/141,125 **(32)** 25.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** GOVARI, Assaf; ALTMANN, Andres  
 Claudio; GLINER, Vadim; BOUMENDIL,  
 Alon  
**(74)** Spruson & Ferguson
- 
- (71)** Bow River LLC  
**(11)** AU-A-2020202100  
**(21)** 2020202100 **(22)** 24.03.2020  
**(54)** METHODS OF TREATMENT  
**(51)** Int. Cl.  
**C07D 241/06** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2017414697  
**(72)** Srinivasan, Sundar; Chow, Christina  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** Britex Carpet Care Pty Ltd  
**(11)** AU-A-2019236607  
**(21)** 2019236607 **(22)** 20.09.2019  
**(54)** Cleaning Tool  
**(51)** Int. Cl.  
**A47L 11/04** ( 2006.01 )  
**A47L 11/20** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
**(31)** 2018903533 **(32)** 20.09.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** Stefanakis, Michael  
**(74)** Argon IP Advisory Pty Ltd
- 
- (71)** Burkett, B.  
**(11)** AU-A-2020202009  
**(21)** 2020202009 **(22)** 19.03.2020  
**(54)** Fire and smoke containment and extin-  
 guishing apparatus  
**(51)** Int. Cl.  
**A62C 35/02** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018203177  
**(72)** BURKETT, Brian  
**(74)** Spruson & Ferguson
- 
- Cairns, B. see Carrell, D.  
**(21)** 2020202005
- 
- California Institute of Technology see The  
 Rockefeller University  
**(21)** 2020201993
- 
- (71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2018233042  
**(21)** 2018233042 **(22)** 21.09.2018  
**(54)** Method, apparatus and system for encod-  
 ing and decoding a tree of blocks of video  
 samples  
**(51)** Int. Cl.  
**H04N 19/96** ( 2014.01 )  
**H04N 19/00** ( 2014.01 )
- 
- (43)** 09.04.2020  
**(72)** Rosewarne, Christopher James  
**(74)** Spruson & Ferguson
- 
- (71)** CareFusion 303, Inc.  
**(11)** AU-A-2020202010  
**(21)** 2020202010 **(22)** 19.03.2020  
**(54)** Needleless connector with folding valve  
**(51)** Int. Cl.  
**A61M 39/26** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018278973  
**(72)** Yeh, Jonathan; Zollinger, Christopher J.;  
 Quach, Matthew; Mansour, George Michel  
**(74)** FB Rice Pty Ltd
- 
- (71)** Cargotec Patenter AB  
**(11)** AU-A-2019229360  
**(21)** 2019229360 **(22)** 11.09.2019  
**(54)** Method and system for determining the  
 weight of a demountable platform  
**(51)** Int. Cl.  
**B60P 1/64** ( 2006.01 )  
**B60P 3/00** ( 2006.01 )  
**G01G 5/00** ( 2006.01 )  
**(31)** 18195700.2 **(32)** 20.09.18 **(33)** EP  
**(43)** 09.04.2020  
**(72)** SIREN, Pasi  
**(74)** Griffith Hack
- 
- (71)** Cargotec Patenter AB  
**(11)** AU-A-2019229422  
**(21)** 2019229422 **(22)** 13.09.2019  
**(54)** Method for determining the mass and the  
 centre of mass of a demountable platform  
**(51)** Int. Cl.  
**B60P 1/64** ( 2006.01 )  
**B60P 3/00** ( 2006.01 )  
**G01G 19/08** ( 2006.01 )  
**G01G 19/14** ( 2006.01 )  
**(31)** 18195708.5 **(32)** 20.09.18 **(33)** EP  
**(43)** 09.04.2020  
**(72)** Siren, Pasi; Huova, Mikko; Siivonen, Lauri  
**(74)** Griffith Hack
- 
- (71)** Cargotec Patenter AB  
**(11)** AU-A-2019229461  
**(21)** 2019229461 **(22)** 16.09.2019  
**(54)** Method and system for determining the  
 length of a demountable platform  
**(51)** Int. Cl.  
**B60P 1/64** ( 2006.01 )  
**B60P 3/00** ( 2006.01 )  
**G01B 5/02** ( 2006.01 )  
**(31)** 18195702.8 **(32)** 20.09.18 **(33)** EP  
**(43)** 09.04.2020  
**(72)** Nyström, Mikko  
**(74)** Griffith Hack
- 
- (71)** Carrell, D.; Cairns, B.; Jenkins, T.; Aston,  
 K.  
**(11)** AU-A-2020202005  
**(21)** 2020202005 **(22)** 19.03.2020  
**(54)** Systems and methods for determining im-  
 pact of age related changes in sperm epi-  
 genome on offspring phenotype
- 
- (51)** Int. Cl.  
**C12Q 1/6883** ( 2018.01 )  
**G01N 27/447** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2014308698  
**(72)** Carrell, Douglas T.; Cairns, Bradley T.;  
 Jenkins, Timothy G.; Aston, Kenneth I.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Caterpillar Inc.  
**(11)** AU-A-2019232855  
**(21)** 2019232855 **(22)** 19.09.2019  
**(54)** PRODUCTION CONTROL PLATFORM  
 FOR DETERMINING PRODUCTION  
 SOURCE OUTPUT TO A PRODUCTION  
 DESTINATION  
**(51)** Int. Cl.  
**G06Q 50/02** ( 2012.01 )  
**(31)** 16/140,058 **(32)** 24.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** GATES, Kevin  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Celularity, Inc.  
**(11)** AU-A-2020202076  
**(21)** 2020202076 **(22)** 23.03.2020  
**(54)** Therapy with cells from human placenta  
 and hematopoietic cells  
**(51)** Int. Cl.  
**A61K 35/44** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2014329513  
**(72)** Gurney, Jodi P.; Zhang, Xiaokui; Herb,  
 Stacy; Hariri, Robert J.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Channel Medsystems, Inc.  
**(11)** AU-A-2020202031  
**(21)** 2020202031 **(22)** 20.03.2020  
**(54)** APPARATUS AND METHODS FOR  
 REGULATING CRYOGENIC TREAT-  
 MENT  
**(51)** Int. Cl.  
**A61B 18/02** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2015244327  
**(72)** Burnett, Daniel R.; Cote, Ric; Malecki,  
 William W.; Neil, Brian M.; Beaulieu, Dav-  
 id; Voiles, Benjamin D.; Lopresti, Vincent  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** City of Hope  
**(11)** AU-A-2020201725  
**(21)** 2020201725 **(22)** 09.03.2020  
**(54)** CELL PENETRATING CONJUGATES  
 AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**A61K 38/14** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2014312031  
**(72)** Li, Lin; Shively, John Ernest; Swiderski,  
 Piotr Marek; Herrman, Andreas; Yu, Hua  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- (71) ConMed Corporation  
(11) AU-A-2020202044  
(21) 2020202044 (22) 20.03.2020  
(54) Surgical suction device that uses positive pressure gas  
(51) Int. Cl.  
A61M 1/00 ( 2006.01 )  
(43) 09.04.2020  
(62) 2019202894  
(72) Minskoff, Noah Mark; Jackson, James  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Connected Group Australia Pty Ltd  
(11) AU-A-2020202073  
(21) 2020202073 (22) 23.03.2020  
(54) Improvements in Switches  
(51) Int. Cl.  
H01H 35/00 ( 2006.01 )  
H01H 3/22 ( 2006.01 )  
H01H 47/00 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018226506  
(72) LUCANTONIO, Dean  
(74) Wallington-Dummer
- 
- (71) Covidien LP; Sofradim Production  
(11) AU-A-2019219715  
(21) 2019219715 (22) 19.08.2019  
(54) Biodegradable triblock copolymers and implantable medical devices made therefrom  
(51) Int. Cl.  
C08G 63/664 ( 2006.01 )  
A61L 27/34 ( 2006.01 )  
A61L 31/06 ( 2006.01 )  
C08G 63/60 ( 2006.01 )  
(31) 18197009.6 (32) 26.09.18 (33) EP  
18210563.5 05.12.18 EP  
(43) 09.04.2020  
(72) SKALLA, Walter; THOMAS, Jonathan; BRUNE, Thierry; NEBINGER, Darlene; GLEIMAN, Seth; VESTBERG, Robert  
(74) Spruson & Ferguson
- 
- (71) Covidien LP  
(11) AU-A-2019222815  
(21) 2019222815 (22) 27.08.2019  
(54) Buttress attachment methods for circular EEA staplers  
(51) Int. Cl.  
A61B 17/115 ( 2006.01 )  
(31) 62/734,297 (32) 21.09.18 (33) US  
16/540,422 14.08.19 US  
(43) 09.04.2020  
(72) Mohanasundaram, Suresh Kumar Prema; Bali, Sumit  
(74) Spruson & Ferguson
- 
- (71) Covidien LP  
(11) AU-A-2019232833  
(21) 2019232833 (22) 18.09.2019  
(54) Smoke evacuation electrosurgical pencil with adjustable electrode and vent tube  
(51) Int. Cl.  
A61B 18/18 ( 2006.01 )  
A61B 18/12 ( 2006.01 )  
A61B 18/14 ( 2006.01 )  
(31) 62/734,397 (32) 21.09.18 (33) US
- 
- 16/565,150 09.09.19 US  
(43) 09.04.2020  
(72) MANLEY, Prakash; ALLEN, James D.; BAGROSKY, Tyler J.; BYRNE, Conor N.; SANDERS, Jason T.; WALBRIDGE, Chelsea E.; LACY, Chandler E.  
(74) Spruson & Ferguson
- 
- (71) Covidien LP  
(11) AU-A-2020202052  
(21) 2020202052 (22) 23.03.2020  
(54) Robotic surgical systems, instrument drive units, and drive assemblies  
(51) Int. Cl.  
A61B 34/30 ( 2016.01 )  
(43) 09.04.2020  
(62) 2016229868  
(72) ROCKROHR, Brian  
(74) Spruson & Ferguson
- 
- (71) Creatics LLC  
(11) AU-A-2020202066  
(21) 2020202066 (22) 23.03.2020  
(54) Methods and compositions for detecting pancreatic cancer  
(51) Int. Cl.  
G01N 33/574 ( 2006.01 )  
(43) 09.04.2020  
(62) 2014243704  
(72) PANNELL, Lewis K.; ROCKER, Jana  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CRRC Ziyang Co., Ltd  
(11) AU-A-2018421457  
(21) 2018421457 (22) 01.11.2018  
(54) Locomotive-mounted power battery pack fire safety control system and method  
(51) Int. Cl.  
B60L 58/10 ( 2019.01 )  
(31) 201811105970.2 (32) 21.09.18 (33) CN  
(43) 09.04.2020  
(72) Meng, YuFa; Ye, DingKang; Wang, PingHua  
(74) Madderns Pty Ltd
- 
- (71) Currency Select Pty Ltd  
(11) AU-A-2020201984  
(21) 2020201984 (22) 19.03.2020  
(54) TRANSACTION SECURITY  
(51) Int. Cl.  
G07F 19/00 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018202320  
(72) LING, James; WINGRAVE, Mark  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Danstar Ferment AG  
(11) AU-A-2020202032  
(21) 2020202032 (22) 20.03.2020  
(54) Methods for the improvement of organoleptic properties of must, non-fermented and fermented beverages  
(51) Int. Cl.  
C12G 1/00 ( 2006.01 )  
A01G 7/06 ( 2006.01 )
- 
- (71) DEKA Products Limited Partnership  
(11) AU-A-2020202004  
(21) 2020202004 (22) 19.03.2020  
(54) Product dispensing system  
(51) Int. Cl.  
B67D 1/12 ( 2006.01 )  
B67D 1/08 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018204746  
(72) BIASI, John J.; BEAVIS, Russell H.; GOULET, Michael J.; PRIBYL, Eric L.  
(74) Griffith Hack
- 
- (71) DePuy Synthes Products, Inc.  
(11) AU-A-2019219845  
(21) 2019219845 (22) 23.08.2019  
(54) Intrascapular device positioning and deployment system  
(51) Int. Cl.  
A61F 2/88 ( 2006.01 )  
A61F 2/82 ( 2013.01 )  
(31) 16/140,836 (32) 25.09.18 (33) US  
(43) 09.04.2020  
(72) LORENZO, Juan; JOHNSON, Kirk; GOROCHOW, Lacey  
(74) Spruson & Ferguson
- 
- (71) Dover BMCS Acquisition Corporation  
(11) AU-A-2020201994  
(21) 2020201994 (22) 19.03.2020  
(54) ROTATIONAL DRILL BITS AND DRILLING APPARATUSES INCLUDING THE SAME  
(51) Int. Cl.  
E21B 10/60 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018203878  
(72) Cox, E. Sean; Myers, Russell Roy  
(74) AJ PARK
- 
- (71) Dyax Corp.  
(11) AU-A-2020201946  
(21) 2020201946 (22) 18.03.2020  
(54) Evaluation, assays and treatment of pKal-mediated disorders  
(51) Int. Cl.  
G01N 33/48 ( 2006.01 )  
C12Q 1/56 ( 2006.01 )  
G01N 33/50 ( 2006.01 )  
(43) 09.04.2020  
(62) 2014207409  
(72) JOSEPH, Kusumam; KAPLAN, Allen P.  
(74) Spruson & Ferguson
- 
- (71) Dynamite Services Pty Limited  
(11) AU-A-2018236779  
(21) 2018236779 (22) 26.09.2018



Applications Open to Public Inspection - Name Index cont'd

(54) APPARATUS AND METHODS FOR CONDUCTING A WAGER GAME

(51) Int. Cl.  
**A63F 1/00** ( 2006.01 )

(43) 09.04.2020  
(72) Ellis, Benjamin  
(74) Adams Pluck

(71) Easy Form Pty Ltd  
(11) AU-A-2020202012  
(21) 2020202012 (22) 19.03.2020  
(54) A CONCRETE FORMWORK BRACE

(51) Int. Cl.  
**E04G 17/14** ( 2006.01 )  
**E04G 11/48** ( 2006.01 )  
**E04G 13/06** ( 2006.01 )

(43) 09.04.2020  
(62) 2015218479  
(72) Major, Haydn; Telford, Jarred  
(74) Phillips Ormonde Fitzpatrick

(71) Edmondson, J.  
(11) AU-A-2019236673  
(21) 2019236673 (22) 25.09.2019  
(54) METHOD OF, AND APPARATUS FOR, REHABILITATION OF CORAL REEFS

(51) Int. Cl.  
**A01K 61/00** ( 2017.01 )  
**A01K 63/00** ( 2017.01 )  
**F16B 1/00** ( 2006.01 )

(31) 2018903587 (32) 25.09.18 (33) AU  
(43) 09.04.2020  
(72) Edmondson, John Phillip  
(74) Ahearn Fox

(71) Epizyme, Inc.  
(11) AU-A-2020202088  
(21) 2020202088 (22) 24.03.2020  
(54) COMBINATION THERAPY FOR TREATING CANCER

(51) Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )

(43) 09.04.2020  
(62) 2014360078  
(72) Keilhack, Heike; Kuntz, Kevin W.; Knutson, Sarah K.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Far Eastern New Century Corporation  
(11) AU-A-2019219793  
(21) 2019219793 (22) 22.08.2019  
(54) Method for manufacturing terephthalic acid and system thereof

(51) Int. Cl.  
**C07C 51/09** ( 2006.01 )  
**C07C 63/26** ( 2006.01 )

(31) 107133898 (32) 26.09.18 (33) TW  
(43) 09.04.2020  
(72) LAI, Po-Chen; LEE, Jyun-Sian; CHIANG, Sih-Hao; LIANG, Chin-Shui; TSAI, Hsiang-Chin  
(74) Baldwins Intellectual Property

(71) Ferrell, L.  
(11) AU-A-2018253485  
(21) 2018253485 (22) 23.10.2018

(54) Pacifier and teether assembly and method of use  
(51) Int. Cl.  
**A61J 17/02** ( 2006.01 )  
**A61J 17/00** ( 2006.01 )

(31) 16/140,020 (32) 24.09.18 (33) US  
(43) 09.04.2020  
(72) Ferrell, Lindsey  
(74) Watermark Intellectual Property Pty Ltd

(71) Fisher & Paykel Healthcare Limited  
(11) AU-A-2020201978  
(21) 2020201978 (22) 19.03.2020  
(54) LID CONSTRUCTION FOR BREATHING APPARATUS

(51) Int. Cl.  
**A61M 16/16** ( 2006.01 )  
**B65D 43/16** ( 2006.01 )  
**E05D 3/00** ( 2006.01 )  
**E05D 7/10** ( 2006.01 )

(43) 09.04.2020  
(62) 2018204299  
(72) Miller, Jeremy Livingston; Kat, Arjen David  
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(11) AU-A-2020202086  
(21) 2020202086 (22) 24.03.2020  
(54) RESPIRATORY ASSISTANCE APPARATUS

(51) Int. Cl.  
**A61M 16/10** ( 2006.01 )  
(43) 09.04.2020  
(62) 2018200350

(72) DARBY, Adam John; KURIGER, Donald Roy; BOTHMA, Johannes Nicolaas; BENT, Scott  
(74) AJ PARK

(71) Focal Therapeutics, Inc.  
(11) AU-A-2020202038  
(21) 2020202038 (22) 20.03.2020  
(54) IMPLANTABLE DEVICES AND TECHNIQUES FOR ONCOPLASTIC SURGERY

(51) Int. Cl.  
**A61F 2/12** ( 2006.01 )  
(43) 09.04.2020  
(62) 2015292332

(72) Lebovic, Gail S.; Willis, David B.; Hermann, George D.; Olson, Jonathan M.  
(74) Phillips Ormonde Fitzpatrick

(71) Fundlab Technologies Inc.  
(11) AU-A-2019232891  
(21) 2019232891 (22) 20.09.2019  
(54) Risk assessment tool

(51) Int. Cl.  
**G06Q 40/08** ( 2012.01 )  
(31) 62/734,031 (32) 20.09.18 (33) US

(43) 09.04.2020  
(72) EVANGELIOU, John; EVANGELIOU, George  
(74) FB Rice Pty Ltd

(71) GE Global Sourcing LLC  
(11) AU-A-2019226299  
(21) 2019226299 (22) 10.09.2019  
(54) Method and Systems for an Auxiliary Power Unit for a Locomotive

(51) Int. Cl.  
**B61C 7/04** ( 2006.01 )  
**B61C 3/00** ( 2006.01 )  
**B61C 5/00** ( 2006.01 )  
**B61C 9/00** ( 2006.01 )

(31) 16/140,329 (32) 24.09.18 (33) US  
16/140,359 24.09.18 US  
(43) 09.04.2020  
(72) SONDUR, Kaushik D.; BALU, Giri; MUDALIAR, Sasikumar Vishwanathan; SEKHAR, Tharunendra; SABARAD, Jayaprakash; VERMA, Rajeev R.  
(74) Smoorenburg Patent and Trade Mark Attorneys

(71) Gelliner Limited  
(11) AU-A-2020202089  
(21) 2020202089 (22) 24.03.2020  
(54) Payment confirmation system and method

(51) Int. Cl.  
**G06Q 20/20** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )

(43) 09.04.2020  
(62) 2017304749  
(72) MOSHAL, Martin Paul; De VILLIERS, David  
(74) Spruson & Ferguson

(71) Gemalto SA  
(11) AU-A-2020202106  
(21) 2020202106 (22) 23.03.2020  
(54) METHOD, DEVICE, SERVER AND SYSTEM FOR AUTHENTICATING A USER

(51) Int. Cl.  
**G06F 21/32** ( 2013.01 )  
**G06F 21/60** ( 2013.01 )  
**G06Q 20/40** ( 2012.01 )

(43) 09.04.2020  
(62) 2016373702  
(72) Desjardins, Jean-Michel; Lathiere, Marie  
(74) Phillips Ormonde Fitzpatrick

(71) Genentech, Inc.  
(11) AU-A-2020202054  
(21) 2020202054 (22) 23.03.2020  
(54) Treatment with anti-VEGF antibodies

(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )

(43) 09.04.2020  
(62) 2018214131  
(72) Holmgren, Eric; Fyfe, Gwendolyn; Mass, Robert D.; Novotny, William  
(74) FPA Patent Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- (71) GN Hearing A/S  
(11) AU-A-2019222917  
(21) 2019222917 (22) 30.08.2019  
(54) Hearing protection device with sound reflectors  
(51) Int. Cl.  
A61F 11/14 ( 2006.01 )  
G10K 11/16 ( 2006.01 )  
H04R 1/46 ( 2006.01 )  
(31) 18196660.7 (32) 25.09.18 (33) EP  
19170883.3 24.04.19 EP  
(43) 09.04.2020  
(72) RAFT, Casper Silbo  
(74) FB Rice Pty Ltd
- 
- (71) GN Hearing A/S  
(11) AU-A-2019232803  
(21) 2019232803 (22) 17.09.2019  
(54) Hearing protection device with passive ear protectors  
(51) Int. Cl.  
H04R 1/10 ( 2006.01 )  
(31) 18196635.9 (32) 25.09.18 (33) EP  
19170890.8 24.04.19 EP  
(43) 09.04.2020  
(72) RAFT, Casper Silbo  
(74) FB Rice Pty Ltd
- 
- (71) Hall, S.  
(11) AU-A-2019219777  
(21) 2019219777 (22) 21.08.2019  
(54) Handheld sharpening apparatus.  
(51) Int. Cl.  
B24B 3/54 ( 2006.01 )  
B24B 3/36 ( 2006.01 )  
B24D 9/04 ( 2006.01 )  
B24D 15/06 ( 2006.01 )  
B24D 15/08 ( 2006.01 )  
(31) 746559 (32) 21.09.18 (33) NZ  
(43) 09.04.2020  
(72) Hall, Simon Antony  
(74) Simon Antony Hall
- 
- (71) Hayward Industries, Inc  
(11) AU-A-2020202030  
(21) 2020202030 (22) 20.03.2020  
(54) Power supplies for pool and spa equipment  
(51) Int. Cl.  
E04H 4/16 ( 2006.01 )  
H01P 1/00 ( 2006.01 )  
H02J 5/00 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018211302  
(72) Potucek, Kevin L.; Willis, Dennis; Sumonthee, Jeffrey; Renaud, Benoit J.; Philhower, Douglas H.; Forsythe, Patrick J.; Normyle, William M.  
(74) Davies Collision Cave Pty Ltd
- 
- (71) HD Assembly Inc.  
(11) AU-A-2019202253  
(21) 2019202253 (22) 02.04.2019  
(54) Low-profile fly arm step ladder  
(51) Int. Cl.  
E06C 7/48 ( 2006.01 )  
E06C 1/383 ( 2006.01 )  
E06C 1/393 ( 2006.01 )
- 
- (71) 16/142,318 (32) 26.09.18 (33) US  
(43) 09.04.2020  
(72) DEML, John Boris  
(74) Spruson & Ferguson
- 
- (71) Healthcare Systems; Kato, Y.  
(11) AU-A-2020202064  
(21) 2020202064 (22) 23.03.2020  
(54) NOVEL COMPOUND CONTAINED IN MANUKA HONEY AND USE OF SAME  
(51) Int. Cl.  
C07H 15/203 ( 2006.01 )  
A61K 31/7034 ( 2006.01 )  
A61K 35/64 ( 2006.01 )  
A61P 1/04 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
A61P 31/04 ( 2006.01 )  
A61P 43/00 ( 2006.01 )  
G01N 30/88 ( 2006.01 )  
(43) 09.04.2020  
(62) 2018253507  
(72) Kato, Yoji  
(74) CreateIP
- 
- (71) Ho Trieu, N.  
(11) AU-A-2018236908  
(21) 2018236908 (22) 02.10.2018  
(54) The Wowlongkong uses a negligible fraction of the rotation force of the wheel to generate continuous sound alerting people from afar of a coming bike, completely handsfree for cyclists. It overcomes the ineffective one-off sound of traditional bell which often fails to alert people or makes them panic. Its other advantages include: usefulness in adverse weather, bad lighting, and at blind corners. Its production is environmentally friendly thru uses of recyclable discarded products and has job creation potential, especially for unemployed persons with disability or handicap.  
(51) Int. Cl.  
B62J 3/00 ( 2006.01 )  
(31) 2018903617 (32) 25.09.18 (33) AU  
(43) 09.04.2020  
(72) Ho Trieu, Ngoc Luan  
(74) Ngoc Luan Ho Trieu
- 
- (71) HUNT, A.  
(11) AU-A-2019232779  
(21) 2019232779 (22) 17.09.2019  
(54) Wing Frame Assembly & Method  
(51) Int. Cl.  
E06B 1/52 ( 2006.01 )  
E06B 1/56 ( 2006.01 )  
(31) 746532 (32) 20.09.18 (33) NZ  
(43) 09.04.2020  
(72) HUNT, Andrew Scott  
(74) PIPERS
- 
- (71) Hydra-Stop LLC  
(11) AU-A-2019232927  
(21) 2019232927 (22) 20.09.2019  
(54) Systems and methods for managing a cable attached to an inspection probe disposed in a pressurized pipe  
(51) Int. Cl.  
F16L 55/26 ( 2006.01 )  
E21B 47/01 ( 2012.01 )  
E21B 47/06 ( 2012.01 )  
E21B 47/10 ( 2012.01 )  
G01N 21/954 ( 2006.01 )  
(31) 62/733,956 (32) 20.09.18 (33) US  
(43) 09.04.2020  
(72) Vazzana, Christopher C.; Nelson, Andrew J.  
(74) Shelston IP Pty Ltd.
- 
- (71) Hydra-Stop LLC  
(11) AU-A-2019232932  
(21) 2019232932 (22) 20.09.2019  
(54) Systems and methods for accessing and monitoring a fluid within a pressurized pipe  
(51) Int. Cl.  
F16L 55/07 ( 2006.01 )  
F16L 55/10 ( 2006.01 )  
(31) 62/733,900 (32) 20.09.18 (33) US  
(43) 09.04.2020  
(72) Vazzana, Christopher C.; Nelson, Andrew J.  
(74) Shelston IP Pty Ltd.
- 
- (71) Ideal Fasteners Pty Ltd  
(11) AU-A-2019232872  
(21) 2019232872 (22) 19.09.2019  
(54) Screw fasteners for use in building construction  
(51) Int. Cl.  
F16B 25/10 ( 2006.01 )  
F16B 25/00 ( 2006.01 )  
(31) 2018903632 (32) 26.09.18 (33) AU  
(43) 09.04.2020  
(72) Deutscher, Neville  
(74) FB Rice Pty Ltd
- 
- (71) IFP Energies nouvelles  
(11) AU-A-2019232951  
(21) 2019232951 (22) 23.09.2019  
(54) Method for controlling a wave energy converter system taking into account uncertainties  
(51) Int. Cl.  
F03B 13/14 ( 2006.01 )  
(31) 18/58.714 (32) 25.09.18 (33) FR  
(43) 09.04.2020  
(72) TONA, Paolino; NGUYEN, Hoai-Nam  
(74) Griffith Hack
- 
- (71) IGT  
(11) AU-A-2019236603  
(21) 2019236603 (22) 23.09.2019  
(54) Electronic Gaming Machine with Multiple Bill Validators  
(51) Int. Cl.  
G07F 17/32 ( 2006.01 )  
(31) 16/140,839 (32) 25.09.18 (33) US  
(43) 09.04.2020  
(72) Thoeni, Stewart; Vasquez, James; McGahn, Steven P.; Baker, Brian K.  
(74) Clark Intellectual Property Pty Ltd
- 
- (71) INCYTE CORPORATION  
(11) AU-A-2020202000

Applications Open to Public Inspection - Name Index cont'd

(21) 2020202000 (22) 19.03.2020  
 (54) BIPYRAZOLE DERIVATIVES AS JAK INHIBITORS  
 (51) Int. Cl.  
*C07D 403/14* ( 2006.01 )  
*A61K 31/4155* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018223058  
 (72) LI, Yun-Long; ZHUO, Jincong; QIAN, Ding-Quan; MEI, Song; CAO, Ganfeng; PAN, Yongchun  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Innovapark, LLC  
 (11) AU-A-2020201925  
 (21) 2020201925 (22) 17.03.2020  
 (54) Parking System Employing Remote Asset Management Techniques  
 (51) Int. Cl.  
*G06Q 10/00* ( 2006.01 )  
*G08G 1/00* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018203809  
 (72) Groft, Eric G.  
 (74) Watermark Intellectual Property Pty Ltd

(71) In Queue Innovations, LLC  
 (11) AU-A-2020201965  
 (21) 2020201965 (22) 18.03.2020  
 (54) Interspinous process fixation devices, systems, instruments and methods of assembly and use  
 (51) Int. Cl.  
*A61B 17/70* ( 2006.01 )  
*A61B 17/80* ( 2006.01 )  
*A61F 2/44* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2015229131  
 (72) FESSLER, Richard G.; BOGER, John W.  
 (74) Griffith Hack

(71) IvWatch, LLC  
 (11) AU-A-2020202045  
 (21) 2020202045 (22) 20.03.2020  
 (54) GEOMETRY OF A TRANSCUTANEOUS SENSOR  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
*A61M 5/168* ( 2006.01 )  
*A61M 37/00* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018223015  
 (72) Warren, Gary P.; Alley, Matthew S.; Anshell, Scott J.; Naramore, William J.; Bonnema, Garret T.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Jenkins, T. see Carrell, D.  
 (21) 2020202005

(71) J-LOK CO.  
 (11) AU-A-2020201963  
 (21) 2020201963 (22) 18.03.2020  
 (54) Pumpable resin system  
 (51) Int. Cl.  
*E21D 20/02* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2017321811  
 (72) FAULKNER, Dakota; STANKUS, John, C.; WHARTON, Richard; MA, Lumin  
 (74) Griffith Hack

(71) Joy Global Underground Mining LLC  
 (11) AU-A-2019236593  
 (21) 2019236593 (22) 23.09.2019  
 (54) Electrical filter for resistively earthed systems  
 (51) Int. Cl.  
*H02H 9/08* ( 2006.01 )  
 (31) 62/734,392 (32) 21.09.18 (33) US  
 (43) 09.04.2020  
 (72) Dalton, Peter M.  
 (74) Griffith Hack

(71) K.C., S.  
 (11) AU-A-2019229385  
 (21) 2019229385 (22) 12.09.2019  
 (54) Production of Mechanical and/or Electrical Energy from Heat Energy By and With The Use of Buoyancy Factor on Evaporation or Sublimation and Condensation  
 (51) Int. Cl.  
*F03G 7/04* ( 2006.01 )  
*F03G 6/00* ( 2006.01 )  
 (31) 681 (32) 26.09.18 (33) NP  
 (43) 09.04.2020  
 (72) K.C., SUDARSHAN  
 (74) PIPERS

(71) K2M, Inc.  
 (11) AU-A-2019229389  
 (21) 2019229389 (22) 12.09.2019  
 (54) SPINAL PLATE BENDER  
 (51) Int. Cl.  
*A61B 17/88* ( 2006.01 )  
 (31) 62/733,759 (32) 20.09.18 (33) US  
 (43) 09.04.2020  
 (72) MOORE, Brandon; BOYD, Clint  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Kato, Y. see Healthcare Systems  
 (21) 2020202064

(71) KB KOOKMIN CARD CO., LTD.  
 (11) AU-A-2020202027  
 (21) 2020202027 (22) 20.03.2020  
 (54) APP CARD-LINKED REPRESENTATIVE CARD, AND PAYMENT SYSTEM AND PAYMENT METHOD THEREOF  
 (51) Int. Cl.  
*G06Q 20/12* ( 2012.01 )  
*G06Q 20/04* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*G06Q 20/34* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )

(43) 09.04.2020  
 (62) 2016339621  
 (72) KIM, Se Hun; KIM, Jee Eun; SHIN, Jae Choon; BAE, Seo Hyeon; CHAE, Heung Sik; JUNG, Ji Hyun; JO, Kyung Mu  
 (74) Baxter Patent Attorneys Pty Ltd

(71) KYB Corporation  
 (11) AU-A-2019236670  
 (21) 2019236670 (22) 25.09.2019  
 (54) Mixer drum washing apparatus  
 (51) Int. Cl.  
*B60P 3/16* ( 2006.01 )  
*B28C 5/42* ( 2006.01 )  
 (31) 2018-180534 (32) 26.09.18 (33) JP  
 (43) 09.04.2020  
 (72) Kawashima, Shigeru; Kimoto, Keisuke  
 (74) Davies Collison Cave Pty Ltd

(71) LEUNG, V.Y.Y.  
 (11) AU-A-2020202001  
 (21) 2020202001 (22) 19.03.2020  
 (54) SYNERGISTIC RECONFIGURABLE TRAFFIC INTERSECTION  
 (51) Int. Cl.  
*G08G 1/00* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2019200133  
 (72) LEUNG, Valiant Yuk Yuen  
 (74) Baxter Patent Attorneys Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2020201985  
 (21) 2020201985 (22) 19.03.2020  
 (54) Clothes treating apparatus  
 (51) Int. Cl.  
*D06F 37/40* ( 2006.01 )  
*D06F 37/12* ( 2006.01 )  
*D06F 37/24* ( 2006.01 )  
*D06F 39/08* ( 2006.01 )  
*D06F 39/10* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2016385317  
 (72) Lee, Byungjin; No, Yanghwan; Han, Inhee; Lee, Jonghwan; Lee, Jihong  
 (74) Davies Collison Cave Pty Ltd

(71) LifeCell Corporation  
 (11) AU-A-2020202060  
 (21) 2020202060 (22) 23.03.2020  
 (54) Injection sensor with feedback mechanism  
 (51) Int. Cl.  
*A61M 5/48* ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2015253669  
 (72) Barere, Aaron M.; Friedman, Evan J.  
 (74) Shelston IP Pty Ltd.

(71) Life Technologies Corporation  
 (11) AU-A-2020202002  
 (21) 2020202002 (22) 19.03.2020  
 (54) Membrane-penetrating peptides to enhance transfection and compositions and methods for using same  
 (51) Int. Cl.  
*C07K 14/01* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- A61K 47/54** ( 2017.01 )  
**(43)** 09.04.2020  
**(62)** 2014361806  
**(72)** De Mollerat Du Jeu, Xavier  
**(74)** Spruson & Ferguson
- 
- (71)** LIN, C.  
**(11)** AU-A-2019204398  
**(21)** 2019204398 **(22)** 23.06.2019  
**(54)** Substrate and Raised Floor Formed by Using Same  
**(51)** Int. Cl.  
**E04F 15/024** ( 2006.01 )  
**E04F 15/02** ( 2006.01 )  
**(31)** 107133832 **(32)** 26.09.18 **(33)** TW  
 107133833 26.09.18 TW  
**(43)** 09.04.2020  
**(72)** LIN, Chih-Pin  
**(74)** A.P.T. Patent and Trade Mark Attorneys
- 
- (71)** Manitou Equipment America, LLC  
**(11)** AU-A-2019229362  
**(21)** 2019229362 **(22)** 11.09.2019  
**(54)** TELEHANDLER BOOM EXTENSION MONITORING SYSTEM  
**(51)** Int. Cl.  
**B66C 23/88** ( 2006.01 )  
**B66C 23/70** ( 2006.01 )  
**(31)** 16/137,096 **(32)** 20.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** Uskoski, William  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Massachusetts Institute of Technology; Sanofi  
**(11)** AU-A-2020201975  
**(21)** 2020201975 **(22)** 19.03.2020  
**(54)** SMALL VOLUME BIOREACTORS WITH SUBSTANTIALLY CONSTANT WORKING VOLUMES AND ASSOCIATED SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**C12M 1/34** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2014308719  
**(72)** Goh, Shireen; Ram, Rajeev Jagga; Blum, Horst; Canzoneri, Michelangelo  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** MasterCard International Incorporated  
**(11)** AU-A-2019213308  
**(21)** 2019213308 **(22)** 05.08.2019  
**(54)** Methods, systems and computer program products for transaction authentication  
**(51)** Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**(31)** 201811035754 **(32)** 22.09.18 **(33)** IN  
**(43)** 09.04.2020  
**(72)** Kumar, Shubham; Bishnoi, Vikas; Shandilya, Meenakshi  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Mayne Pharma International Pty Ltd  
**(11)** AU-A-2020202008  
**(21)** 2020202008 **(22)** 19.03.2020  
**(54)** DIPHOSPHONATE SOLUTIONS  
**(51)** Int. Cl.  
**A61K 31/663** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2019204905  
**(72)** Handreck, Gregory Paul; Zhou, Wei; Tait, Russell John  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Medtronic Vascular, Inc.  
**(11)** AU-A-2020201987  
**(21)** 2020201987 **(22)** 19.03.2020  
**(54)** Transcatheter prosthetic heart valve delivery system with protective feature  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 2/95** ( 2013.01 )  
**(43)** 09.04.2020  
**(62)** 2017278327  
**(72)** Vaughan, Brendan; Britton, Maeve; Barajas-Torres, Martha; Deshmukh, Sunsheel; Mendoza, Leonal; Som, Siyan; Silver, Michele; Tran, Don; Brown, Nathan; Mendelson, Jill  
**(74)** FB Rice Pty Ltd
- 
- (71)** Medytox Inc.  
**(11)** AU-A-2020202081  
**(21)** 2020202081 **(22)** 24.03.2020  
**(54)** Methods and compositions of bile acids and salts for reduction of fat  
**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018260917  
**(72)** JUNG, Hyun Ho; YANG, Gi Hyeok; LEE, Junho; CHO, Sujin  
**(74)** Spruson & Ferguson
- 
- (71)** Megadyne Medical Products Inc  
**(11)** AU-A-2019236637  
**(21)** 2019236637 **(22)** 24.09.2019  
**(54)** Fluid system connector  
**(51)** Int. Cl.  
**F16L 27/02** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**F16L 33/00** ( 2006.01 )  
**(31)** 16/141,634 **(32)** 25.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** Greep, Darcy W.; Frampton, Chad S.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Mesoblast, Inc.  
**(11)** AU-A-2020202022  
**(21)** 2020202022 **(22)** 20.03.2020
- 
- (54)** Methods of treating or preventing respiratory conditions  
**(51)** Int. Cl.  
**A61P 11/00** ( 2006.01 )  
**A61K 35/28** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
**C12N 5/0789** ( 2010.01 )  
**(43)** 09.04.2020  
**(62)** 2018226514  
**(72)** Krishnan, Ravi; Ghosh, Peter; Itescu, Silviu  
**(74)** FB Rice Pty Ltd
- 
- (71)** Metso Sweden AB  
**(11)** AU-A-2020201923  
**(21)** 2020201923 **(22)** 17.03.2020  
**(54)** CRUSHER COMPRISING REPLACEABLE PROTECTIVE LINERS  
**(51)** Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2016401638  
**(72)** URBINATTI, Victor G.; PERSSON, Henrik; LARSSON, Fredrik  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71)** Meyer Intellectual Properties Limited; SHERMAN, E.S.  
**(11)** AU-A-2020202101  
**(21)** 2020202101 **(22)** 25.03.2020  
**(54)** Low-Pressure Cooking Method and Cookware Vessel Adapted for the Same  
**(51)** Int. Cl.  
**A47J 27/08** ( 2006.01 )  
**A23L 5/10** ( 2016.01 )  
**H05B 6/06** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018241096  
**(72)** SHERMAN, Edward S.; CHENG, Stanley Kin Sui; CHEUNG, Hing Hang Homer; LI, Kam Yeun  
**(74)** PIPERS
- 
- (71)** Motorola Solutions, Inc.  
**(11)** AU-A-2019232812  
**(21)** 2019232812 **(22)** 18.09.2019  
**(54)** METHOD AND SYSTEM TO EXTEND CONNECTION TIME OF A TALK-GROUP CONVERSATION BASED ON HISTORICAL TALKGROUP STATISTICS  
**(51)** Int. Cl.  
**H04W 76/25** ( 2018.01 )  
**(31)** 16/142,010 **(32)** 26.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** Yang, Yunhai; McDonald, Daniel J.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Motorola Solutions, Inc.  
**(11)** AU-A-2020202095  
**(21)** 2020202095 **(22)** 24.03.2020  
**(54)** SIDEHAUL MINIMIZATION BY DROPPING AND RECONNECTING A MOBILE DEVICE THAT HAS HANDED OFF  
**(51)** Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

- H04W 36/00** ( 2009.01 )  
**H04W 48/00** ( 2009.01 )  
**(43)** 09.04.2020  
**(62)** 2018233006  
**(72)** Miller, Trent J.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** MX Technologies Inc.  
**(11)** AU-A-2019204318  
**(21)** 2019204318 **(22)** 19.06.2019  
**(54)** Data aggregation using a limited-use code  
**(51)** Int. Cl.  
**G06F 21/42** ( 2013.01 )  
**(31)** 16/137,509 **(32)** 20.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** CALDWELL, James Ryan; DOTTER, James  
**(74)** Griffith Hack
- 
- (71)** MX Technologies Inc.  
**(11)** AU-A-2019204321  
**(21)** 2019204321 **(22)** 19.06.2019  
**(54)** Watermark security  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(31)** 16/137,517 **(32)** 20.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** DEWITT, Brandon; McBRIDE, Ryan  
**(74)** Griffith Hack
- 
- (71)** Nagaki Seiki Co., Ltd.  
**(11)** AU-A-2020202083  
**(21)** 2020202083 **(22)** 24.03.2020  
**(54)** Cutting tool  
**(51)** Int. Cl.  
**B26B 13/22** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2016428531  
**(72)** Fudemoto, Yukio  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** New York Air Brake, LLC  
**(11)** AU-A-2020201936  
**(21)** 2020201936 **(22)** 18.03.2020  
**(54)** Locomotive parking brake  
**(51)** Int. Cl.  
**B61H 13/04** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2017423813  
**(72)** CALL, Derick; BANKS, Carl; VAN DERZEE, Nicholas; BARNHART, Steven Michael; VENDLINSKI, James Lewis  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Noramco, Inc.  
**(11)** AU-A-2020201990  
**(21)** 2020201990 **(22)** 19.03.2020  
**(54)** Process for the preparation of opioid compounds  
**(51)** Int. Cl.  
**C07D 489/08** ( 2006.01 )  
**C07D 489/12** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018203948  
**(72)** Conza, Matteo; Lellek, Vit; Zinser, Hartmut  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Novartis AG; The Trustees of the University of Pennsylvania  
**(11)** AU-A-2020201939  
**(21)** 2020201939 **(22)** 18.03.2020  
**(54)** Treatment of cancer using a CLL-1 chimeric antigen receptor  
**(51)** Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**C07K 16/28** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2015292811  
**(72)** Brogdon, Jennifer; Ebersbach, Hilmar; Gill, Saar; Glass, David; Jascur, Julia; Kenderian, Saad; Mannick, Joan; Milone, Michael C.; Murphy, Leon; Richardson, Celeste; Singh, Reshma; Wei, Lai; Wu, Qilong; Yang, Qiumei; Zhang, Jiquan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Novartis AG  
**(11)** AU-A-2020201980  
**(21)** 2020201980 **(22)** 19.03.2020  
**(54)** Combination of FXR agonists  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/4162** ( 2006.01 )  
**A61K 31/46** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2017328999  
**(72)** Laffitte, Bryan; Bauer, Andreas; Mueller, Patrick  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** OHR Pharma, LLC  
**(11)** AU-A-2020202040  
**(21)** 2020202040 **(22)** 20.03.2020  
**(54)** Multilayer Biodegradable Microparticles For Sustained Release of Therapeutic Agents  
**(51)** Int. Cl.  
**A61K 9/58** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018205060  
**(72)** RHODES, Christopher A.; MALAVIA, Nikita; JENNINGS, Robert; LAXMA, Reddy; NORMAN, Betty  
**(74)** WRAYS PTY LTD
- 
- (71)** OpenTV, Inc.  
**(11)** AU-A-2020202033  
**(21)** 2020202033 **(22)** 20.03.2020  
**(54)** System and method for providing advertising consistency  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
**(43)** 09.04.2020  
**(62)** 2014274826  
**(72)** BARENZUNG, Eric; TINSMAN, John  
**(74)** FB Rice Pty Ltd
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- (71)** Optinose AS  
**(11)** AU-A-2020202029  
**(21)** 2020202029 **(22)** 20.03.2020  
**(54)** Nasal Administration  
**(51)** Int. Cl.  
**A61M 15/00** ( 2006.01 )  
**A61M 15/08** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2015279154  
**(72)** Djupesland, Per Gisle; Mahmoud, Ramy A.; Messina, John  
**(74)** Baldwins Intellectual Property
- 
- (71)** PACCAR Inc  
**(11)** AU-A-2019200072  
**(21)** 2019200072 **(22)** 07.01.2019  
**(54)** CONFIGURABLE, MODULAR VEHICLE ON COMMON CHASSIS PLATFORM, AND ASSOCIATED SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**B60L 50/00** ( 2019.01 )  
**B60K 6/22** ( 2007.10 )  
**B60L 50/10** ( 2019.01 )  
**B60L 50/50** ( 2019.01 )  
**B62D 21/12** ( 2006.01 )  
**B62D 63/02** ( 2006.01 )  
**B62D 63/08** ( 2006.01 )  
**(31)** 16/141,675 **(32)** 25.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** Delizo, Stanley W.; Angelo, Gerald J.; Scherzinger, Theodore Joseph; Lindgren, Brian J.  
**(74)** Madderns Pty Ltd
- 
- (71)** Pacific Industrial Co., Ltd  
**(11)** AU-A-2019299866  
**(21)** 2019299866 **(22)** 17.04.2019  
**(54)** Resin molded article and method for producing resin molded article  
**(51)** Int. Cl.  
**B29C 37/00** ( 2006.01 )  
**(31)** 2018-178033 **(32)** 21.09.18 **(33)** JP  
**(43)** 09.04.2020  
**(72)** Fukui, Yuya; Naito, Yoshinari; Furuno, Shinichi  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Paper Software LLC  
**(11)** AU-A-2020202048  
**(21)** 2020202048 **(22)** 22.03.2020  
**(54)** CROSS-REFERENCES WITHIN A HIERARCHICALLY STRUCTURED DOCUMENT  
**(51)** Int. Cl.  
**G06F 40/134** ( 2020.01 )  
**(43)** 09.04.2020  
**(62)** 2014312365  
**(72)** WHETSELL, Nathan A.; WHETSELL, Benjamin S.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Parking Innovations Limited  
**(11)** AU-A-2020202043  
**(21)** 2020202043 **(22)** 20.03.2020  
**(54)** Vehicle parking or vehicle use in a chargeable area  
**(51)** Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

- B60K 7/00** ( 2006.01 )  
**G07B 15/00** ( 2006.01 )  
**G08G 1/14** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2016340028  
**(72)** EDWARDS, John  
**(74)** FB Rice Pty Ltd
- 
- (71)** Pentair Water Pool and Spa, Inc.  
**(11)** AU-A-2019236716  
**(21)** 2019236716 **(22)** 26.09.2019  
**(54)** Pool cleaner  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**(31)** 62/736,295 **(32)** 25.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** MILLER, James; EVANS, William; BEL-LAMY, Mitchell; MITCHELL, Stephen; KEY, Adam; ROLAND, Montie; VAUGHN, David  
**(74)** Spruson & Ferguson
- 
- (71)** PMBS, LLC  
**(11)** AU-A-2020201989  
**(21)** 2020201989 **(22)** 19.03.2020  
**(54)** Mobile sterilization apparatus and method for using the same  
**(51)** Int. Cl.  
**B65F 1/14** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2015241496  
**(72)** MAUZERALL, Michele; KEENAN, Maryellen; WEBB, Alexis  
**(74)** FB Rice Pty Ltd
- 
- (71)** POSCO  
**(11)** AU-A-2020202042  
**(21)** 2020202042 **(22)** 20.03.2020  
**(54)** Method and apparatus for preparing additive for coke  
**(51)** Int. Cl.  
**C10B 57/06** ( 2006.01 )  
**B01D 3/14** ( 2006.01 )  
**B01D 35/02** ( 2006.01 )  
**B02C 21/00** ( 2006.01 )  
**C10B 57/00** ( 2006.01 )  
**C10B 57/04** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2016376254  
**(72)** Lee, Seung Jae; Kim, Hee Su; Park, Sang Hyun; Lee, Sang On; Bak, Jeong Jun  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Prayaga, S.  
**(11)** AU-A-2018232907  
**(21)** 2018232907 **(22)** 18.09.2018  
**(54)** I would like to apply for a patent to the usage of Rebounded foam in all kinds of SIP (structural insulated Panels) which includes OSB panels, plywood, pressure treated plywood, steel, aluminium, all types of cement boards, stainless steels, fiber-reinforced plastic and magnesium oxide.  
**(51)** Int. Cl.  
**E04C 2/284** ( 2006.01 )
- 
- (43)** 09.04.2020  
**(72)** Prayaga, Srinivasa Mithra  
**(74)** Srinivasa Mithra Prayaga
- 
- (71)** PYMAN, R.  
**(11)** AU-A-2019312560  
**(21)** 2019312560 **(22)** 25.09.2019  
**(54)** IMPROVEMENTS TO MULTIFUNCTION SOLAR UTILITY PANELS  
**(51)** Int. Cl.  
**C02F 1/14** ( 2006.01 )  
**F24S 80/00** ( 2018.01 )  
**H02S 40/44** ( 2014.01 )  
**(31)** 2018903604 **(32)** 25.09.18 **(33)** AU  
**(43)** 09.04.2020  
**(72)** PYMAN, Robert James; THOMSON, Richard William; DUNN, Darren Geoffrey  
**(74)** Collison & Co
- 
- (71)** Quickstyle Industries Inc.  
**(11)** AU-A-2020202091  
**(21)** 2020202091 **(22)** 24.03.2020  
**(54)** Densified foam core (DFC) tile with imitation grout line  
**(51)** Int. Cl.  
**E04F 15/10** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2017315241  
**(72)** ALFIERI, Michele; COUREY, Stephen  
**(74)** Spruson & Ferguson
- 
- (71)** Relievant Medsystems, Inc.  
**(11)** AU-A-2020201962  
**(21)** 2020201962 **(22)** 18.03.2020  
**(54)** Systems and methods for navigating an instrument through bone  
**(51)** Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018223007  
**(72)** Pellegrino, Richard; Carrison, Harold; Patel, Samit  
**(74)** FB Rice Pty Ltd
- 
- (71)** Rezonence Limited  
**(11)** AU-A-2020202023  
**(21)** 2020202023 **(22)** 20.03.2020  
**(54)** A method and system for providing interactive digital advertising  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
**(31)** 61/839,395 **(32)** 26.06.13 **(33)** US  
**(43)** 09.04.2020  
**(62)** 2014300769  
**(72)** Bundi, Prashanth Naidu  
**(74)** Ellis Terry
- 
- (71)** Rite-Hite Holding Corporation  
**(11)** AU-A-2020202065  
**(21)** 2020202065 **(22)** 23.03.2020  
**(54)** Shock Absorbing Retractable Bollard Systems  
**(51)** Int. Cl.  
**E01F 13/04** ( 2006.01 )
- 
- (43)** 09.04.2020  
**(62)** 2016354433  
**(72)** Dondlinger, Jason; Wiegel, Aaron J.; Paruch, Lucas I.; Snyder, Ronald P.; Swift, David; Korman, Joe  
**(74)** WRAYS PTY LTD
- 
- (71)** S & B Summers Pty Ltd  
**(11)** AU-A-2018236706  
**(21)** 2018236706 **(22)** 24.09.2018  
**(54)** Grip & Go is a cargo/ trunk organizer that can be used to secure goods, big or small, in order not to fall around in the trunk or in the vehicle itself. It is in a brick like form, soft and washable. It is also safe for children to use.  
**(51)** Int. Cl.  
**B60R 7/02** ( 2006.01 )  
**(43)** 09.04.2020  
**(72)** Summers, Berdine; Summers, Scott  
**(74)** S & B Summers Pty Ltd
- 
- Sage Therapeutics, Inc. see Washington University**  
**(21)** 2020202016
- 
- (71)** Salens Toys (Shanghai) Co., Ltd.  
**(11)** AU-A-2018405438  
**(21)** 2018405438 **(22)** 10.10.2018  
**(54)** Magnetic sheet  
**(51)** Int. Cl.  
**A63H 33/26** ( 2006.01 )  
**(31)** 201811116957.7 **(32)** 25.09.18 **(33)** CN  
**(43)** 09.04.2020  
**(72)** Zhou, Zhiwei  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71)** salesforce.com, inc.  
**(11)** AU-A-2019232905  
**(21)** 2019232905 **(22)** 20.09.2019  
**(54)** Offline briefcase synchronization  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06F 16/00** ( 2019.01 )  
**(31)** 62/735,499 **(32)** 24.09.18 **(33)** US  
 16/266,783 04.02.19 US  
**(43)** 09.04.2020  
**(72)** OLIVEROS, Victor; SHIVNANI, Gautam; KLEIN, David; SEYMOUR, Christopher Douglas  
**(74)** Spruson & Ferguson
- 
- (71)** salesforce.com, inc.  
**(11)** AU-A-2019232906  
**(21)** 2019232906 **(22)** 20.09.2019  
**(54)** Lightning dialer  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06F 21/50** ( 2013.01 )  
**(31)** 16/140,228 **(32)** 24.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** SCHNEYER, Joshua; OLIVEROS, Victor Nikolai Carunungan; ABRAHAMIAN, Annie; KLEIN, David  
**(74)** Spruson & Ferguson

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(71) salesforce.com, inc.  
**(11)** AU-A-2019236628  
**(21)** 2019236628 **(22)** 24.09.2019  
**(54)** Integrated entity view across distributed systems  
**(51)** Int. Cl.  
**G06F 16/18** ( 2019.01 )  
**(31)** 62/735,552 **(32)** 24.09.18 **(33)** US  
 16/264,418 31.01.19 US  
**(43)** 09.04.2020  
**(72)** TRAN, Leo Duy; ANGULO, David; WOODWARD, David James; CHADDA, Abhinav; HACKER, David; NESS, Steven; LAGROTTE, Matt; MOODY, Jason; MARCHANT, Daniel; MONDOK, Matthew James; RECIO, Federico; ORUN, Mehmet Gokmen; KOSTRZEWSKI, Steven; BILL, Christopher; BARDE, Kaustubh; LODOVISI, Lydia; FLAMION, Sarah; HALL, Jamin; FINEMAN, Charles  
**(74)** Spruson & Ferguson

(71) salesforce.com, inc.  
**(11)** AU-A-2019236629  
**(21)** 2019236629 **(22)** 24.09.2019  
**(54)** User interface for commerce architecture  
**(51)** Int. Cl.  
**G06F 16/11** ( 2019.01 )  
**G06Q 30/00** ( 2012.01 )  
**(31)** 62/735,671 **(32)** 24.09.18 **(33)** US  
 16/264,391 31.01.19 US  
**(43)** 09.04.2020  
**(72)** WOODWARD, David James; CHADDA, Abhinav; HACKER, David; NESS, Steven; LAGROTTE, Matt; MOODY, Jason; BILL, Christopher; BARDE, Kaustubh; LODOVISI, Lydia; FLAMION, Sarah; HALL, Jamin  
**(74)** Spruson & Ferguson

(71) salesforce.com, inc.  
**(11)** AU-A-2019236631  
**(21)** 2019236631 **(22)** 24.09.2019  
**(54)** Mobile app publishing for a responsive community experience  
**(51)** Int. Cl.  
**G06F 8/34** ( 2018.01 )  
**G06F 8/20** ( 2018.01 )  
**G06F 8/60** ( 2018.01 )  
**G06Q 50/00** ( 2012.01 )  
**(31)** 62/735,611 **(32)** 24.09.18 **(33)** US  
 16/177,813 01.11.18 US  
**(43)** 09.04.2020  
**(72)** HOLLY, Steven; OKSMAN, Eugene; LUBOVSKY, Amit; LEE, Jenton  
**(74)** Spruson & Ferguson

(71) salesforce.com, inc.  
**(11)** AU-A-2019236632  
**(21)** 2019236632 **(22)** 24.09.2019  
**(54)** Application builder  
**(51)** Int. Cl.  
**G06F 9/451** ( 2018.01 )  
**G06F 3/048** ( 2013.01 )  
**(31)** 62/735,496 **(32)** 24.09.18 **(33)** US  
 16/221,090 14.12.18 US

**(43)** 09.04.2020  
**(72)** JACOBSON, Eric; GONZALEZ, Michael; CHO, Wayne; VARADARAJAN, Adheip; VOLLMER, John; SNYDER, Benjamin  
**(74)** Spruson & Ferguson

(71) salesforce.com, inc.  
**(11)** AU-A-2019236635  
**(21)** 2019236635 **(22)** 24.09.2019  
**(54)** Desktop and mobile graphical user interface unification  
**(51)** Int. Cl.  
**G06F 9/451** ( 2018.01 )  
**G06F 3/048** ( 2013.01 )  
**(31)** 62/735,496 **(32)** 24.09.18 **(33)** US  
 16/221,075 14.12.18 US  
**(43)** 09.04.2020  
**(72)** JACOBSON, Eric; GONZALEZ, Michael; CHO, Wayne; VARADARAJAN, Adheip; MCCALL, Daniel; OLIVEROS, Victor; ABRAHAMIAN, Annie; KLEIN, David; HOWLAND, Nicholas; HASKINS, Kyle M.; VOLLMER, John; SNYDER, Benjamin; ROSENBAUM, Mike  
**(74)** Spruson & Ferguson

(71) Sandvik Mining and Construction Oy  
**(11)** AU-A-2019232852  
**(21)** 2019232852 **(22)** 19.09.2019  
**(54)** Rock drilling machine, rig and method for reinforcing rock surfaces  
**(51)** Int. Cl.  
**E21B 7/00** ( 2006.01 )  
**E21D 11/00** ( 2006.01 )  
**(31)** 18196904.9 **(32)** 26.09.18 **(33)** EP  
**(43)** 09.04.2020  
**(72)** MÄNTTÄRI, Maunu; KOUHIA, Anssi  
**(74)** Griffith Hack

Sanofi see Massachusetts Institute of Technology  
**(21)** 2020201975

(71) Sercel  
**(11)** AU-A-2019232940  
**(21)** 2019232940 **(22)** 20.09.2019  
**(54)** Seismic data acquisition with dual/triple sources and hexa-source  
**(51)** Int. Cl.  
**G01V 1/22** ( 2006.01 )  
**(31)** 16/139,305 **(32)** 24.09.18 **(33)** US  
**(43)** 09.04.2020  
**(72)** Elboth, Thomas  
**(74)** FPA Patent Attorneys Pty Ltd

(71) ServiceNow, Inc.  
**(11)** AU-A-2019232926  
**(21)** 2019232926 **(22)** 20.09.2019  
**(54)** Improved parsing of user queries in a remote network management platform using extended context-free grammar rules  
**(51)** Int. Cl.  
**G06F 40/205** ( 2020.01 )  
**G06F 16/2452** ( 2019.01 )  
**G06F 16/248** ( 2019.01 )  
**G06F 40/55** ( 2020.01 )

**(31)** 16/539,731 **(32)** 13.08.19 **(33)** US  
 62/734,916 21.09.18 US  
 62/741,935 05.10.18 US  
**(43)** 09.04.2020  
**(72)** Vertsel, Aliaksei; Korolev, Dmitry; Rumiantsau, Mikhail  
**(74)** FPA Patent Attorneys Pty Ltd

SHERMAN, E.S. see Meyer Intellectual Properties Limited  
**(21)** 2020202101

(71) Siemens Aktiengesellschaft  
**(11)** AU-A-2019226249  
**(21)** 2019226249 **(22)** 06.09.2019  
**(54)** Electrical power conversion system  
**(51)** Int. Cl.  
**H02M 7/00** ( 2006.01 )  
**H02M 3/335** ( 2006.01 )  
**(31)** 18196756.3 **(32)** 26.09.18 **(33)** EP  
**(43)** 09.04.2020  
**(72)** HARBER, Matthew; MURRAY, David Russell  
**(74)** Spruson & Ferguson

(71) Sirna Therapeutics, Inc.  
**(11)** AU-A-2020201934  
**(21)** 2020201934 **(22)** 18.03.2020  
**(54)** Novel diester and triester based low molecular weight, biodegradable cationic lipids for oligonucleotide delivery  
**(51)** Int. Cl.  
**C07C 229/12** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2017261512  
**(72)** COLLETTI, Steven L.; STANTON, Matthew G.  
**(74)** Spruson & Ferguson

(71) Sirna Therapeutics, Inc.  
**(11)** AU-A-2020202097  
**(21)** 2020202097 **(22)** 24.03.2020  
**(54)** Short interfering nucleic acid (siNA) molecules containing a 2' internucleoside linkage  
**(51)** Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2014219019  
**(72)** CHANG, Wonsuk; GUIDRY, Erin N.; STANTON, Matthew G.; ZEWGE, Daniel  
**(74)** Griffith Hack

(71) Snap-on Incorporated  
**(11)** AU-A-2020201964  
**(21)** 2020201964 **(22)** 18.03.2020  
**(54)** Suspension caster  
**(51)** Int. Cl.  
**B60G 3/02** ( 2006.01 )  
**B60B 33/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 09.04.2020  
 (62) 2018201597  
 (72) SHARP, William T.; DOERFLINGER, David A.  
 (74) Griffith Hack

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(71) Société des Produits Nestlé S.A.  
 (11) AU-A-2020201932  
 (21) 2020201932 (22) 18.03.2020  
 (54) Infant formula system with adaptive levels of human milk oligosaccharides (HMOs)  
 (51) Int. Cl.  
**A23L 33/125** ( 2016.01 )

(43) 09.04.2020  
 (62) 2015323762  
 (72) Destailats, Frederic; De Castro, Carlos Antonio; Sprenger, Norbert; Thakkar, Sagar; Austin, Sean Christopher  
 (74) Shelston IP Pty Ltd.

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(71) Société des Produits Nestlé S.A.  
 (11) AU-A-2020202020  
 (21) 2020202020 (22) 20.03.2020  
 (54) Methods and compositions for increasing energy expenditure using cinnamaldehyde  
 (51) Int. Cl.  
**A61K 31/11** ( 2006.01 )  
**A61K 36/54** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )

(43) 09.04.2020  
 (62) 2014363403  
 (72) Michlig Gonzalez, Stephanie; Le Coutre, Johannes  
 (74) Shelston IP Pty Ltd.

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**Sofradim Production see Covidien LP**  
 (21) 2019219715

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**Somers, S.R. see Somers, R.**  
 (21) 2018253458

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(71) Somers, R.; Somers, S.R.  
 (11) AU-A-2018253458  
 (21) 2018253458 (22) 22.10.2018  
 (54) LIGHTWEIGHT APPARATUS FOR ASSESSING THE SUFFOCATION RISK ATTRIBUTABLE TO EXCESSIVE MATRESS SOFTNESS  
 (51) Int. Cl.  
**A47C 31/12** ( 2006.01 )  
**G01M 99/00** ( 2011.01 )

(31) 62/735,862 (32) 25.09.18 (33) US  
 (43) 09.04.2020  
 (72) Somers, Ronald Lawrence; Somers, Serena Rachootin  
 (74) Ronald Lawrence Somers

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(71) Square, Inc.  
 (11) AU-A-2020202007  
 (21) 2020202007 (22) 19.03.2020  
 (54) Quick legend receipt system  
 (51) Int. Cl.  
**G07G 1/12** ( 2006.01 )  
**G06Q 20/00** ( 2006.01 )

**G06Q 20/20** ( 2012.01 )  
 (43) 09.04.2020  
 (62) 2015229659  
 (72) Bell, Bruce; Wilson, Mathew; Knight, Gerard  
 (74) FB Rice Pty Ltd

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(71) Square, Inc.  
 (11) AU-A-2020202014  
 (21) 2020202014 (22) 19.03.2020  
 (54) Raw sensor input encryption for passcode entry security  
 (51) Int. Cl.  
**G06F 21/30** ( 2013.01 )

(43) 09.04.2020  
 (62) 2018201016  
 (72) Quigley, Oliver S.; McCauley, Nathan; Adams, David; Edwards, Troy J.; Skoog, Lukas; Paull, Jonathan  
 (74) FB Rice Pty Ltd

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(71) Tasmanian Alkaloids Pty Limited  
 (11) AU-A-2020202015  
 (21) 2020202015 (22) 19.03.2020  
 (54) Papaver somniferum with high concentration of codeine  
 (51) Int. Cl.  
**A01H 1/06** ( 2006.01 )  
**A01H 1/04** ( 2006.01 )  
**A01H 5/04** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )

(43) 09.04.2020  
 (62) 2017228718  
 (72) Fist, Anthony J.; Miller, James A.C.; Gregory, Davina  
 (74) Adams Pluck

---

(71) The Boeing Company  
 (11) AU-A-2019226152  
 (21) 2019226152 (22) 03.09.2019  
 (54) System and method for manufacturing parametric parts  
 (51) Int. Cl.  
**G06F 30/00** ( 2020.01 )  
**G06K 9/46** ( 2006.01 )  
**G06T 17/00** ( 2006.01 )

(31) 16/140,041 (32) 24.09.18 (33) US  
 (43) 09.04.2020  
 (72) SYKES, Oliver William; JORGENSEN, Zachary D.; REMINE, Daniel S.  
 (74) Spruson & Ferguson

---

(71) The Boeing Company  
 (11) AU-A-2019236663  
 (21) 2019236663 (22) 25.09.2019  
 (54) Ceramic composition and method of making the composition  
 (51) Int. Cl.  
**C04B 35/01** ( 2006.01 )  
**C04B 41/85** ( 2006.01 )  
**C04B 41/88** ( 2006.01 )

(31) 16/143,319 (32) 26.09.18 (33) US  
 (43) 09.04.2020  
 (72) CROOKS, Tab Hunter; MUENCH, Mary Ann S.  
 (74) FB Rice Pty Ltd

(71) The Bradbury Company, Inc.  
 (11) AU-A-2019226291  
 (21) 2019226291 (22) 09.09.2019  
 (54) Machines to Roll-Form Variable Component Geometries  
 (51) Int. Cl.  
**B21D 5/08** ( 2006.01 )

(31) 62/734,450 (32) 21.09.18 (33) US  
 (43) 09.04.2020  
 (72) SMITH, Gregory S.; WOLLENBERG, Jamie; KRUG, Dustin  
 (74) Walker IP

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(71) THE CLIMATE CORPORATION  
 (11) AU-A-2020201559  
 (21) 2020201559 (22) 03.03.2020  
 (54) Computer-generated accurate yield map data using expert filters and spatial outlier detection  
 (51) Int. Cl.  
**G06F 17/18** ( 2006.01 )

(43) 09.04.2020  
 (62) 2016337264  
 (72) Farah, Marian  
 (74) Ellis Terry

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(71) The ESAB Group Inc.  
 (11) AU-A-2019226118  
 (21) 2019226118 (22) 02.09.2019  
 (54) Power source cooling apparatus, method and configuration  
 (51) Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**B23K 9/10** ( 2006.01 )  
**B23K 9/32** ( 2006.01 )

(31) 16/138,167 (32) 21.09.18 (33) US  
 (43) 09.04.2020  
 (72) RAYMOND, Andrew  
 (74) Spruson & Ferguson

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(71) The Mosaic Company  
 (11) AU-A-2020201961  
 (21) 2020201961 (22) 18.03.2020  
 (54) Incorporation of biological agents in fertilizers  
 (51) Int. Cl.  
**C05G 3/00** ( 2006.01 )  
**C05G 5/00** ( 2006.01 )

(43) 09.04.2020  
 (62) 2015288096  
 (72) JACOBSON, Kathlene Laurie; HOBBS, Troy William; BALABAN, Lauren A.  
 (74) Watermark Intellectual Property Pty Ltd

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(71) The Rockefeller University; California Institute of Technology  
 (11) AU-A-2020201993  
 (21) 2020201993 (22) 19.03.2020  
 (54) HUMAN IMMUNODEFICIENCY VIRUS NEUTRALISING ANTIBODIES AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**A61K 39/21** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**C07K 16/08** ( 2006.01 )



Applications Open to Public Inspection - Name Index cont'd

(43) 09.04.2020  
 (62) 2019200972  
 (72) SCHEID, Johannes; NUSSENZWEIG, Michel; BJORKMAN, Pamela, J.; DISKIN, Ron  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

The Trustees of the University of Pennsylvania see Novartis AG  
 (21) 2020201939

(71) The University Court of The University of Aberdeen  
 (11) AU-A-2020202026  
 (21) 2020202026 (22) 20.03.2020  
 (54) Single domain binding molecule  
 (51) Int. Cl.  
 C07K 16/44 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )

(43) 09.04.2020  
 (62) 2018201899  
 (72) Barelle, Caroline; Muller, Mischa; Calabro, Valerie; Bikker, Jack A.; Steven, John; Tchistiakova, Lioudmila; Kovalenko, Oleg; Olland, Andrea  
 (74) FB Rice Pty Ltd

(71) Toshiba Mitsubishi-Electric Industrial Systems Corporation  
 (11) AU-A-2018422116  
 (21) 2018422116 (22) 20.09.2018  
 (54) Ultrasonic vibration welding apparatus  
 (51) Int. Cl.  
 B23K 20/10 ( 2006.01 )  
 (43) 09.04.2020  
 (72) Yamada, Yoshihito; Ichinose, Akihiro  
 (74) Spruson & Ferguson

(71) Trading Technologies International, Inc.  
 (11) AU-A-2020202069  
 (21) 2020202069 (22) 23.03.2020  
 (54) Methods and systems to prevent adverse exchange limit effects  
 (51) Int. Cl.  
 G06Q 40/00 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018200651  
 (72) WEISS, Thomas Jeffrey; UNETICH, Michael  
 (74) Spruson & Ferguson

(71) Transdev Group  
 (11) AU-A-2019236619  
 (21) 2019236619 (22) 24.09.2019  
 (54) System for generating warnings for road users  
 (51) Int. Cl.  
 B60R 21/01 ( 2006.01 )  
 B60R 21/34 ( 2011.01 )  
 B60W 50/14 ( 2012.01 )  
 G08G 1/16 ( 2006.01 )  
 (31) 18 58722 (32) 25.09.18 (33) FR

(43) 09.04.2020  
 (72) Darnaud, Thomas; Karaoguz, Cem; Levasor, William; Baudet, Louis  
 (74) Davies Collison Cave Pty Ltd

(71) Underwood Companies Holdings Pty Ltd  
 (11) AU-A-2019232946  
 (21) 2019232946 (22) 20.09.2019  
 (54) Composite panels  
 (51) Int. Cl.  
 E04G 9/05 ( 2006.01 )  
 B32B 3/12 ( 2006.01 )  
 E04C 2/00 ( 2006.01 )  
 (31) 2018903563 (32) 21.09.18 (33) AU  
 (43) 09.04.2020  
 (72) Underwood, Daniel Charles  
 (74) Intellepro

(71) Underwood Companies Holdings Pty Ltd  
 (11) AU-A-2019236584  
 (21) 2019236584 (22) 23.09.2019  
 (54) Composite Panels  
 (51) Int. Cl.  
 E04G 9/05 ( 2006.01 )  
 B32B 7/028 ( 2019.01 )  
 B32B 15/02 ( 2006.01 )  
 B32B 27/06 ( 2006.01 )  
 B32B 27/12 ( 2006.01 )  
 B32B 27/30 ( 2006.01 )  
 E04C 2/00 ( 2006.01 )  
 E04G 9/02 ( 2006.01 )

(31) 2018903564 (32) 21.09.18 (33) AU  
 (43) 09.04.2020  
 (72) Underwood, Daniel Charles  
 (74) Intellepro

(71) UNIVERSAL RESEARCH SOLUTIONS LLC  
 (11) AU-A-2020201992  
 (21) 2020201992 (22) 19.03.2020  
 (54) RESTRICTING RATINGS OF MEDICAL SERVICE PROVIDERS TO AUTHENTICATED USERS  
 (51) Int. Cl.  
 H04L 29/06 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018206717  
 (72) HUSSUM, Ali Adel  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) VALLOUREC TUBES FRANCE  
 (11) AU-A-2019222820  
 (21) 2019222820 (22) 27.08.2019  
 (54) High strength micro alloyed steel seamless pipe for sour service and high toughness applications  
 (51) Int. Cl.  
 C21D 8/10 ( 2006.01 )  
 C22C 38/00 ( 2006.01 )  
 C22F 1/16 ( 2006.01 )

(31) 18195795.2 (32) 20.09.18 (33) EP  
 (43) 09.04.2020  
 (72) DA TRINDADE FILHO, Vicente Braz; SILVEIRA E SILVA, Júlio Márcio; LINNE, Cédric; CALDAS VILAS BÔAS, Ana Carolina  
 (74) Griffith Hack

(71) View, Inc.  
 (11) AU-A-2020202011  
 (21) 2020202011 (22) 19.03.2020  
 (54) Controlling transitions in optically switchable devices  
 (51) Int. Cl.  
 E06B 9/24 ( 2006.01 )  
 G02F 1/15 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2017270472  
 (72) BROWN, Stephen C.; KHOWAL, Deepika; VORA, Namrata  
 (74) Spruson & Ferguson

(71) Virginia Tech Intellectual Properties, Inc.  
 (11) AU-A-2020201982  
 (21) 2020201982 (22) 19.03.2020  
 (54) Methods for separating and dewatering fine particles  
 (51) Int. Cl.  
 B03B 1/04 ( 2006.01 )  
 B03B 9/00 ( 2006.01 )  
 C10L 9/02 ( 2006.01 )  
 C10L 9/10 ( 2006.01 )  
 (43) 09.04.2020  
 (62) 2018202003  
 (72) YOON, Roe-Hoan  
 (74) Griffith Hack

(71) Virtual Watchman  
 (11) AU-A-2020202067  
 (21) 2020202067 (22) 23.03.2020  
 (54) INTERACTIVE ADVERTISING SYSTEM  
 (51) Int. Cl.  
 G06Q 30/02 ( 2012.01 )  
 (43) 09.04.2020  
 (62) 2017213492  
 (72) Wilson, Garry  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Wanzl Metallwarenfabrik GmbH  
 (11) AU-A-2019226122  
 (21) 2019226122 (22) 02.09.2019  
 (54) Roll Cage and Locking and Unlocking methods thereof  
 (51) Int. Cl.  
 B63B 3/02 ( 2006.01 )  
 B62B 3/00 ( 2006.01 )  
 (31) 201811117657.0 (32) 21.09.18 (33) CN  
 (43) 09.04.2020  
 (72) CHUNRONG, Xia; XIANMEI, Zha; SHENGJIE, Shi; JIE, Xiong  
 (74) Griffith Hack

(71) Washington University; Sage Therapeutics, Inc.  
 (11) AU-A-2020202016  
 (21) 2020202016 (22) 20.03.2020  
 (54) Neuroactive 19-alkoxy-17-substituted steroids, prodrugs thereof, and methods of treatment using same  
 (51) Int. Cl.  
 C07J 1/00 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- A61K 31/57** ( 2006.01 )  
**A61K 31/575** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07J 7/00** ( 2006.01 )  
**C07J 9/00** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018217213  
**(72)** COVEY, Douglas; ROBICHAUD, Albert  
 Jean  
**(74)** Spruson & Ferguson
- 
- (21)** 2020202036      **(22)** 20.03.2020  
**(54)** Technical method for increasing efficiency  
 of systemic herbicide  
**(51)** Int. Cl.  
**A01N 43/22** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 47/16** ( 2006.01 )  
**(43)** 09.04.2020  
**(62)** 2018203305  
**(72)** Zhang, Yixiang; Zhang, Huiming  
**(74)** Shelston IP Pty Ltd.

- (71)** Xero Limited  
**(11)** AU-A-2020202025  
**(21)** 2020202025      **(22)** 20.03.2020  
**(54)** Systems and methods of direct bank trans-  
 fer  
**(51)** Int. Cl.  
**G06Q 20/20** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**(43)** 09.04.2020  
**(62)** 2014296104  
**(72)** Drury, Rodney Kenneth; Vickers, Mathew  
 John  
**(74)** FB Rice Pty Ltd
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- (71)** Yau Lee Wah Construction Materials  
 (Huizhou) Company Limited  
**(11)** AU-A-2018267563  
**(21)** 2018267563      **(22)** 20.11.2018  
**(54)** MODULAR INTEGRATED BUILD-  
 ING AND CONSTRUCTION METHOD  
 THEREOF  
**(51)** Int. Cl.  
**E04B 1/348** ( 2006.01 )  
**E04B 1/35** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
**(31)** 201811114829.9      **(32)** 25.09.18 **(33)** CN  
**(43)** 09.04.2020  
**(72)** Wong, Conrad Tin Cheung; Wong, Rosana  
 Wai Man  
**(74)** Phillips Ormonde Fitzpatrick
- 

- (71)** Zayzoon Inc.  
**(11)** AU-A-2019232871  
**(21)** 2019232871      **(22)** 19.09.2019  
**(54)** A SYSTEM AND METHOD FOR  
 PROVIDING ON-DEMAND EARLY  
 WAGE DISPERSALS AGAINST AC-  
 CRUED EARNINGS  
**(51)** Int. Cl.  
**G06Q 20/14** ( 2012.01 )  
**G06Q 30/04** ( 2012.01 )  
**G06Q 40/02** ( 2012.01 )  
**(31)** 16/137,889      **(32)** 21.09.18 **(33)** US  
 3,018,323      21.09.18      CA  
**(43)** 09.04.2020  
**(72)** HACKERT, Tate H.; TUER, Darcy A.;  
 HA, Jamie N.; MCADAM, Garth A.  
**(74)** AJ PARK
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**Zhang, H. see Zhang, Y.**  
**(21)** 2020202036

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- (71)** Zhang, Y.; Zhang, H.  
**(11)** AU-A-2020202036

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<b>2018232907</b>	Prayaga, S.	<b>2019236629</b>	salesforce.com, inc.
<b>2018233042</b>	Canon Kabushiki Kaisha	<b>2019236631</b>	salesforce.com, inc.
<b>2018236706</b>	S & B Summers Pty Ltd	<b>2019236632</b>	salesforce.com, inc.
<b>2018236779</b>	Dynamite Services Pty Limited	<b>2019236635</b>	salesforce.com, inc.
<b>2018236908</b>	Ho Trieu, N.	<b>2019236637</b>	Megadyne Medical Products Inc
<b>2018247257</b>	AUGUSTT TECHNOLOGY LIMITED	<b>2019236663</b>	The Boeing Company
<b>2018253458</b>	Somers, R.; Somers, S.R.	<b>2019236668</b>	Aristocrat Technologies Australia Pty Limited
<b>2018253485</b>	Ferrell, L.	<b>2019236670</b>	KYB Corporation
<b>2018267563</b>	Yau Lee Wah Construction Materials (Huizhou) Company Limited	<b>2019236673</b>	Edmondson, J.
<b>2018405438</b>	Salens Toys (Shanghai) Co., Ltd.	<b>2019236716</b>	Pentair Water Pool and Spa, Inc.
<b>2018421457</b>	CRRC Ziyang Co., Ltd	<b>2019299866</b>	Pacific Industrial Co., Ltd
<b>2018422116</b>	Toshiba Mitsubishi-Electric Industrial Systems Corporation	<b>2019312560</b>	PYMAN, R.
<b>2019200072</b>	PACCAR Inc	<b>2020201559</b>	THE CLIMATE CORPORATION
<b>2019202253</b>	HD Assembly Inc.	<b>2020201715</b>	Amicus Therapeutics, Inc.
<b>2019204318</b>	MX Technologies Inc.	<b>2020201725</b>	City of Hope
<b>2019204321</b>	MX Technologies Inc.	<b>2020201923</b>	Metso Sweden AB
<b>2019204398</b>	LIN, C.	<b>2020201925</b>	Innovapark, LLC
<b>2019213308</b>	MasterCard International Incorporated	<b>2020201926</b>	Aristocrat Technologies Australia Pty Limited
<b>2019219715</b>	Covidien LP; Sofradim Production	<b>2020201929</b>	Abramov, Y.
<b>2019219777</b>	Hall, S.	<b>2020201930</b>	AstraZeneca AB
<b>2019219793</b>	Far Eastern New Century Corporation	<b>2020201932</b>	Société des Produits Nestlé S.A.
<b>2019219814</b>	Biosense Webster (Israel) Ltd.	<b>2020201933</b>	Avalyn Pharma Inc.
<b>2019219845</b>	DePuy Synthes Products, Inc.	<b>2020201934</b>	Sirma Therapeutics, Inc.
<b>2019221218</b>	Adobe Inc.	<b>2020201936</b>	New York Air Brake, LLC
<b>2019222815</b>	Covidien LP	<b>2020201939</b>	Novartis AG; The Trustees of the University of Pennsylvania
<b>2019222820</b>	VALLOUREC TUBES FRANCE	<b>2020201946</b>	Dyax Corp.
<b>2019222917</b>	GN Hearing A/S	<b>2020201961</b>	The Mosaic Company
<b>2019226118</b>	The ESAB Group Inc.	<b>2020201962</b>	Relievent Medsystems, Inc.
<b>2019226122</b>	Wanzl Metallwarenfabrik GmbH	<b>2020201963</b>	J-LOK CO.
<b>2019226152</b>	The Boeing Company	<b>2020201964</b>	Snap-on Incorporated
<b>2019226249</b>	Siemens Aktiengesellschaft	<b>2020201965</b>	In Queue Innovations, LLC
<b>2019226291</b>	The Bradbury Company, Inc.	<b>2020201969</b>	Apple Inc.
<b>2019226299</b>	GE Global Sourcing LLC	<b>2020201975</b>	Massachusetts Institute of Technology; Sanofi
<b>2019229360</b>	Cargotec Patenter AB	<b>2020201978</b>	Fisher & Paykel Healthcare Limited
<b>2019229362</b>	Manitou Equipment America, LLC	<b>2020201980</b>	Novartis AG
<b>2019229385</b>	K.C., S.	<b>2020201982</b>	Virginia Tech Intellectual Properties, Inc.
<b>2019229389</b>	K2M, Inc.	<b>2020201984</b>	Currency Select Pty Ltd
<b>2019229422</b>	Cargotec Patenter AB	<b>2020201985</b>	LG Electronics Inc.
<b>2019229461</b>	Cargotec Patenter AB	<b>2020201987</b>	Medtronic Vascular, Inc.
<b>2019232779</b>	HUNT, A.	<b>2020201989</b>	PMBS, LLC
<b>2019232803</b>	GN Hearing A/S	<b>2020201990</b>	Noramco, Inc.
<b>2019232812</b>	Motorola Solutions, Inc.	<b>2020201991</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>2019232833</b>	Covidien LP	<b>2020201992</b>	UNIVERSAL RESEARCH SOLUTIONS LLC
<b>2019232841</b>	Automatic Technology (Australia) Pty Ltd	<b>2020201993</b>	The Rockefeller University; California Institute of Technology
<b>2019232852</b>	Sandvik Mining and Construction Oy	<b>2020201994</b>	Dover BMCS Acquisition Corporation
<b>2019232855</b>	Caterpillar Inc.	<b>2020201997</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>2019232871</b>	Zayzoon Inc.	<b>2020202000</b>	INCYTE CORPORATION
<b>2019232872</b>	Ideal Fasteners Pty Ltd	<b>2020202001</b>	LEUNG, V.Y.Y.
<b>2019232891</b>	Fundlab Technologies Inc.	<b>2020202002</b>	Life Technologies Corporation
<b>2019232902</b>	ASSA ABLOY Australia Pty Limited	<b>2020202004</b>	DEKA Products Limited Partnership
<b>2019232905</b>	salesforce.com, inc.	<b>2020202005</b>	Carrell, D.; Cairns, B.; Jenkins, T.; Aston, K.
<b>2019232906</b>	salesforce.com, inc.	<b>2020202006</b>	Aristocrat Technologies Australia Pty Limited
<b>2019232914</b>	Aristocrat Technologies, Inc.	<b>2020202007</b>	Square, Inc.
<b>2019232916</b>	Azuma Design Pty Limited	<b>2020202008</b>	Mayne Pharma International Pty Ltd
<b>2019232923</b>	Aristocrat Technologies Australia Pty Limited	<b>2020202009</b>	Burkett, B.
<b>2019232926</b>	ServiceNow, Inc.	<b>2020202010</b>	CareFusion 303, Inc.
<b>2019232927</b>	Hydra-Stop LLC	<b>2020202011</b>	View, Inc.
<b>2019232932</b>	Hydra-Stop LLC	<b>2020202012</b>	Easy Form Pty Ltd
<b>2019232940</b>	Sercel	<b>2020202013</b>	Aristocrat Technologies Australia Pty Limited
<b>2019232946</b>	Underwood Companies Holdings Pty Ltd	<b>2020202014</b>	Square, Inc.
<b>2019232951</b>	IFP Energies nouvelles	<b>2020202015</b>	Tasmanian Alkaloids Pty Limited
<b>2019236584</b>	Underwood Companies Holdings Pty Ltd	<b>2020202016</b>	Washington University; Sage Therapeutics, Inc.
<b>2019236593</b>	Joy Global Underground Mining LLC	<b>2020202020</b>	Société des Produits Nestlé S.A.
<b>2019236603</b>	IGT	<b>2020202022</b>	Mesoblast, Inc.
<b>2019236607</b>	Britex Carpet Care Pty Ltd	<b>2020202023</b>	Rezonce Limited
<b>2019236619</b>	Transdev Group		
<b>2019236628</b>	salesforce.com, inc.		

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2020202025	Xero Limited
2020202026	The University Court of The University of Aberdeen
2020202027	KB KOOKMIN CARD CO., LTD.
2020202029	Optinose AS
2020202030	Hayward Industries, Inc
2020202031	Channel Medsystems, Inc.
2020202032	Danstar Ferment AG
2020202033	OpenTV, Inc.
2020202034	Aristocrat Technologies Australia Pty Limited
2020202036	Zhang, Y.; Zhang, H.
2020202038	Focal Therapeutics, Inc.
2020202040	OHR Pharma, LLC
2020202042	POSCO
2020202043	Parking Innovations Limited
2020202044	ConMed Corporation
2020202045	IvWatch, LLC
2020202048	Paper Software LLC
2020202052	Covidien LP
2020202054	Genentech, Inc.
2020202060	LifeCell Corporation
2020202064	Healthcare Systems; Kato, Y.
2020202065	Rite-Hite Holding Corporation
2020202066	Creatics LLC
2020202067	Virtual Watchman
2020202068	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2020202069	Trading Technologies International, Inc.
2020202073	Connected Group Australia Pty Ltd
2020202076	Celularity, Inc.
2020202081	Medytox Inc.
2020202083	Nagaki Seiki Co., Ltd.
2020202086	FISHER & PAYKEL HEALTHCARE LIMITED
2020202088	Epizyme, Inc.
2020202089	Gelliner Limited
2020202090	Allergan, Inc.
2020202091	Quickstyle Industries Inc.
2020202092	BigTinCan Holdings Limited
2020202093	Alnylam Pharmaceuticals, Inc.
2020202095	Motorola Solutions, Inc.
2020202096	Amgen Inc.
2020202097	Sirna Therapeutics, Inc.
2020202100	Bow River LLC
2020202101	Meyer Intellectual Properties Limited; SHERMAN, E.S.
2020202106	Gemalto SA

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<b>A01G 7 /-</b> 2020202032	<b>A61J 17 /-</b> 2018253485	<b>A61M 5 /-</b> 2020202045 2020202060 2020202096	<b>B02C 21 /-</b> 2020202042	2019229422 2019229461	<b>C05F 11 /-</b> 2020202032
<b>A01H 1 /-</b> 2020202015	<b>A61K 31 /-</b> 2020201715 2020201930 2020201933 2020201980 2020202000 2020202008 2020202016 2020202020 2020202064 2020202081 2020202088 2020202100	<b>A61P 1 /-</b> 2020201980 2020202064 2020202093	<b>B03B 1 /-</b> 2020201982	<b>B60P 3 /-</b> 2019229360 2019229422 2019229461 2019236670	<b>C05G 3 /-</b> 2020201961
<b>A01H 5 /-</b> 2020202015		<b>A61P 11 /-</b> 2020202022	<b>B03B 9 /-</b> 2020201982	<b>B60R 21 /-</b> 2019236619	<b>C05G 5 /-</b> 2020201961
<b>A01K 61 /-</b> 2019236673		<b>A61P 19 /-</b> 2020202008	<b>B21D 5 /-</b> 2019226291	<b>B60R 7 /-</b> 2018236706	<b>C07C 229 /-</b> 2020201934
<b>A01K 63 /-</b> 2019236673		<b>A61P 25 /-</b> 2020202016	<b>B23K 20 /-</b> 2018422116	<b>B60W 50 /-</b> 2019236619	<b>C07C 51 /-</b> 2019219793
<b>A01N 43 /-</b> 2020201715 2020201933 2020202036	<b>A61K 35 /-</b> 2020201939 2020202022 2020202064 2020202076	<b>A61P 29 /-</b> 2020202000 2020202064	<b>B23K 9 /-</b> 2019226118	<b>B61C 3 /-</b> 2019226299	<b>C07C 63 /-</b> 2019219793
<b>A01N 47 /-</b> 2020202036		<b>A61P 3 /-</b> 2020202020 2020202081	<b>B24B 3 /-</b> 2019219777	<b>B61C 5 /-</b> 2019226299	<b>C07D 241 /-</b> 2020202100
<b>A01N 63 /-</b> 2020202032	<b>A61K 36 /-</b> 2020202020	<b>A61P 31 /-</b> 2020201993 2020202064	<b>B24D 15 /-</b> 2019219777	<b>B61C 7 /-</b> 2019226299	<b>C07D 403 /-</b> 2020202000
<b>A23L 33 /-</b> 2020201932	<b>A61K 38 /-</b> 2020201725	<b>A61P 35 /-</b> 2020202000 2020202054 2020202088	<b>B24D 9 /-</b> 2019219777	<b>B61C 9 /-</b> 2019226299	<b>C07D 489 /-</b> 2020201990
<b>A23L 5 /-</b> 2020202101	<b>A61K 39 /-</b> 2020201993 2020202026 2020202054	<b>A61P 37 /-</b> 2020202000	<b>B26B 13 /-</b> 2020202083	<b>B61H 13 /-</b> 2020201936	<b>C07H 15 /-</b> 2020202064
<b>A47C 31 /-</b> 2018253458	<b>A61K 45 /-</b> 2020201980 2020202054	<b>A61P 43 /-</b> 2020202020 2020202064	<b>B28C 5 /-</b> 2019236670	<b>B62B 3 /-</b> 2019226122	<b>C07H 21 /-</b> 2020202093 2020202097
<b>A47J 27 /-</b> 2020202101		<b>A61P 47 /-</b> 2020202002 2020202008	<b>B29C 37 /-</b> 2019299866	<b>B62D 21 /-</b> 2019200072	<b>C07J 1 /-</b> 2020202016
<b>A47L 11 /-</b> 2019236607	<b>A61K 47 /-</b> 2020202002 2020202008	<b>A61P 9 /-</b> 2020201930	<b>B32B 15 /-</b> 2019236584	<b>B62D 63 /-</b> 2019200072	<b>C07J 7 /-</b> 2020202016
<b>A61B 17 /-</b> 2019222815 2019229389 2020201962 2020201965	<b>A61K 9 /-</b> 2020201930 2020202040 2020202081	<b>A61P 9 /-</b> 2020201930	<b>B32B 27 /-</b> 2019236584	<b>B62J 3 /-</b> 2018236908	<b>C07J 9 /-</b> 2020202016
<b>A61B 18 /-</b> 2019232833 2020202031	<b>A61L 27 /-</b> 2019219715	<b>A62C 35 /-</b> 2020202009	<b>B32B 3 /-</b> 2019232946	<b>B63B 3 /-</b> 2019226122	<b>C07K 14 /-</b> 2020201939 2020202002
<b>A61B 34 /-</b> 2020202052	<b>A61L 31 /-</b> 2019219715	<b>A63F 1 /-</b> 2018236779	<b>B32B 5 /-</b> 2020202090	<b>B65D 43 /-</b> 2020201978	<b>C07K 16 /-</b> 2020201939 2020201993 2020202026
<b>A61B 5 /-</b> 2019219814 2020202045	<b>A61M 1 /-</b> 2019236637 2020202044	<b>A63F 13 /-</b> 2019232914 2019232923 2020202034	<b>B60B 33 /-</b> 2020201964	<b>B65D 75 /-</b> 2020201930	<b>C08G 63 /-</b> 2019219715
<b>A61F 11 /-</b> 2019222917	<b>A61M 15 /-</b> 2020202029	<b>A63F 9 /-</b> 2020202006 2020202034	<b>B60G 3 /-</b> 2020201964	<b>B65F 1 /-</b> 2020201989	<b>C10B 57 /-</b> 2020202042
<b>A61F 2 /-</b> 2019219845 2020201965 2020201987 2020202038	<b>A61M 16 /-</b> 2020201978 2020202086	<b>A63H 33 /-</b> 2018405438	<b>B60K 6 /-</b> 2019200072	<b>B66C 23 /-</b> 2019229362	<b>C10L 9 /-</b> 2020201982
<b>A61J 1 /-</b> 2020201930	<b>A61M 37 /-</b> 2020202045	<b>B01D 3 /-</b> 2020202042	<b>B60K 7 /-</b> 2020202043	<b>B67D 1 /-</b> 2020202004	<b>C12G 1 /-</b> 2020202032
	<b>A61M 39 /-</b> 2020202010	<b>B01D 35 /-</b> 2020202042	<b>B60L 50 /-</b> 2019200072	<b>C02F 1 /-</b> 2019312560	<b>C12M 1 /-</b> 2020201975
		<b>B02C 2 /-</b> 2020201923	<b>B60L 58 /-</b> 2018421457	<b>C04B 35 /-</b> 2019236663	<b>C12N 15 /-</b> 2020202097
			<b>B60P 1 /-</b> 2019229360	<b>C04B 41 /-</b> 2019236663	<b>C12N 5 /-</b> 2020202022

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<b>C12Q 1 /-</b> 2020201946 2020202005	<b>E05D 7 /-</b> 2020201978	<b>G01G 19 /-</b> 2019229422	2020202007 2020202025 2020202027 2020202089 2020202106	<b>H02H 9 /-</b> 2019236593
<b>C21D 8 /-</b> 2019222820	<b>E05F 15 /-</b> 2019232841	<b>G01G 5 /-</b> 2019229360		<b>H02J 5 /-</b> 2020202030
<b>C22C 38 /-</b> 2019222820	<b>E06B 1 /-</b> 2019232779	<b>G01M 99 /-</b> 2018253458	<b>G06Q 30 /-</b> 2019232871 2019232905 2019232906 2019236629 2020202023 2020202033 2020202067	<b>H02M 3 /-</b> 2019226249
<b>C22F 1 /-</b> 2019222820	<b>E06B 9 /-</b> 2019232841 2020202011	<b>G01N 21 /-</b> 2019232927		<b>H02M 7 /-</b> 2019226249
<b>D06F 37 /-</b> 2020201985	<b>E06C 1 /-</b> 2019202253	<b>G01N 27 /-</b> 2020202005		<b>H02S 40 /-</b> 2019312560
<b>D06F 39 /-</b> 2020201985	<b>E06C 7 /-</b> 2019202253	<b>G01N 30 /-</b> 2020202064	<b>G06Q 40 /-</b> 2019232871 2019232891 2020202069	<b>H04L 29 /-</b> 2020201992
<b>E01F 13 /-</b> 2020202065	<b>E21B 10 /-</b> 2020201994	<b>G01N 33 /-</b> 2020201946 2020202066	<b>G06Q 50 /-</b> 2019232855 2019236631 2020202068	<b>H04M 3 /-</b> 2020201997
<b>E04B 1 /-</b> 2018267563	<b>E21B 47 /-</b> 2019232927	<b>G01V 1 /-</b> 2019232940		<b>H04N 1 /-</b> 2020201969
<b>E04C 2 /-</b> 2018232907 2019232946 2019236584	<b>E21B 7 /-</b> 2019232852	<b>G02B 7 /-</b> 2018247257	<b>G06T 11 /-</b> 2019221218	<b>H04N 19 /-</b> 2018233042
<b>E04F 15 /-</b> 2019204398 2020202091	<b>E21D 11 /-</b> 2019232852	<b>G02F 1 /-</b> 2020202011	<b>G06T 17 /-</b> 2019226152	<b>H04R 1 /-</b> 2019222917 2019232803
<b>E04G 11 /-</b> 2020202012	<b>F03B 13 /-</b> 2019232951	<b>G06F 16 /-</b> 2019232905 2019232926 2019236628 2019236629	<b>G06T 7 /-</b> 2019204321	<b>H04W 36 /-</b> 2020202095
<b>E04G 13 /-</b> 2020202012	<b>F03G 6 /-</b> 2019229385	<b>G06F 17 /-</b> 2020201559	<b>G07B 15 /-</b> 2020202043	<b>H04W 4 /-</b> 2020201997
<b>E04G 17 /-</b> 2020202012	<b>F03G 7 /-</b> 2019229385	<b>G06F 21 /-</b> 2019204318 2019232906 2020202014 2020202092 2020202106	<b>G07F 17 /-</b> 2019232914 2019236603 2019236668 2020201926	<b>H04W 48 /-</b> 2020202095
<b>E04G 9 /-</b> 2019232946 2019236584	<b>F04F 5 /-</b> 2020201929	<b>G06F 3 /-</b> 2019236632 2019236635	<b>G07F 19 /-</b> 2020201984	<b>H04W 76 /-</b> 2019232812
<b>E04H 4 /-</b> 2019236716 2020202030	<b>F15D 1 /-</b> 2020201929	<b>G06F 30 /-</b> 2019226152	<b>G07F 9 /-</b> 2020202013	<b>H05B 6 /-</b> 2020202101
<b>E05B 17 /-</b> 2019232916	<b>F16B 1 /-</b> 2019236673	<b>G06F 40 /-</b> 2019232926 2020202048	<b>G07G 1 /-</b> 2020202007	<b>H05K 7 /-</b> 2019226118
<b>E05B 27 /-</b> 2019232902	<b>F16B 25 /-</b> 2019232872	<b>G06F 8 /-</b> 2019236631	<b>G08G 1 /-</b> 2019236619 2020201925 2020201991 2020202001 2020202043	<b>No IPC Mark</b>
<b>E05B 63 /-</b> 2019232902 2019232916	<b>F16D 11 /-</b> 2019232841	<b>G06F 9 /-</b> 2019236632 2019236635	<b>G10K 11 /-</b> 2019222917	
<b>E05B 9 /-</b> 2019232902	<b>F16L 27 /-</b> 2019236637	<b>G06K 9 /-</b> 2019226152	<b>H01H 3 /-</b> 2020202073	
<b>E05C 3 /-</b> 2019232916	<b>F16L 33 /-</b> 2019236637	<b>G06K 10 /-</b> 2020201925	<b>H01H 35 /-</b> 2020202073	
<b>E05D 3 /-</b> 2020201978 2020202013	<b>F16L 55 /-</b> 2019232927 2019232932	<b>G06Q 9 /-</b> 2019213308 2019232871	<b>H01H 47 /-</b> 2020202073	
<b>E05D 5 /-</b> 2020202013	<b>F24S 80 /-</b> 2019312560	<b>G06Q 20 /-</b> 2019213308 2019232871	<b>H01P 1 /-</b> 2020202030	

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

<p>(71) Central South University of Forestry and Technology                      (11) AU-A-2020100332                      (21) 2020100332 (22) 06.03.2020                      (54) WOOD-BASED COMPOSITE PANEL FACED WITH EUCALYPTUS VENEER AND PREPARATION METHOD THERE-OF                      (51) Int. Cl.  <i>B32B 3/12</i> ( 2006.01 )  <i>B27D 1/04</i> ( 2006.01 )  <i>B32B 21/14</i> ( 2006.01 )  <i>E04C 2/10</i> ( 2006.01 )                      (31) 201911086195.5 (32) 08.11.19 (33) CN                      (45) 09.04.2020                      (72) Zheng, Xia; Yang, Yixu; Wu, Yiqiang; Li, Xingong; Chen, Dongshan                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(31) 2020900151 (32) 20.01.20 (33) AU                      (45) 09.04.2020                      (72) SCOTT, Alastair                      (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p>	<p><i>G01V 3/38</i> ( 2006.01 )                      (31) 202010071726.X (32) 21.01.20 (33) CN                      (45) 09.04.2020                      (72) Wu, Xin; Xue, Guoqiang; Zhou, Zhou                      (74) Madderns Pty Ltd</p>
<p>(71) Commonwealth Scientific and Industrial Research Organisation                      (11) AU-A-2020100323                      (21) 2020100323 (22) 05.03.2020                      (54) Solar Power Forecasting                      (51) Int. Cl.  <i>G01W 1/10</i> ( 2006.01 )  <i>G01J 1/42</i> ( 2006.01 )  <i>G01W 1/12</i> ( 2006.01 )  <i>H02S 10/00</i> ( 2014.01 )                      (45) 09.04.2020                      (62) 2017261849                      (72) WEST, Sam; LAGERSTROM, Ryan; SUN, Changming; LI, Rongxin; WONG, Joel                      (74) FB Rice Pty Ltd</p>	<p>(71) Hayward, J.                      (11) AU-A-2020100333                      (21) 2020100333 (22) 06.03.2020                      (54) Tumbler Piston                      (51) Int. Cl.  <i>F02F 3/28</i> ( 2006.01 )  <i>F02F 3/02</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Hayward, John James                      (74) John James Hayward</p>	<p>(71) Lewis Group Holdings Pty Ltd                      (11) AU-A-2020100267                      (21) 2020100267 (22) 24.02.2020                      (54) A HIDE PROCESSING SYSTEM                      (51) Int. Cl.  <i>C14C 15/00</i> ( 2006.01 )  <i>C14C 3/30</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Lewis, Greg; Gleeson, Shaun                      (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) CULLEN, M.                      (11) AU-A-2020100325                      (21) 2020100325 (22) 05.03.2020                      (54) A MULTI-PART EXHAUST MANIFOLD AND METHOD OF CONNECTING SAME                      (51) Int. Cl.  <i>F01N 13/10</i> ( 2010.01 )  <i>F01N 13/18</i> ( 2010.01 )                      (45) 09.04.2020                      (72) CULLEN, Matthew John                      (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) Hinson, B.                      (11) AU-A-2020100302                      (21) 2020100302 (22) 01.03.2020                      (54) Process to extract olive leaf's antioxidants, plus its anti-viral, anti-fungal and anti-bacterial compounds to manufacture either an olive leaf tincture, hand-wash gel, no-rinse hand sanitiser, and/or a hand soap.                      (51) Int. Cl.  <i>C12F 3/00</i> ( 2006.01 )  <i>A01N 65/08</i> ( 2009.01 )  <i>A61K 8/34</i> ( 2006.01 )  <i>A61K 8/97</i> ( 2017.01 )  <i>A61K 36/63</i> ( 2006.01 )  <i>A61P 31/00</i> ( 2006.01 )  <i>A61P 31/04</i> ( 2006.01 )  <i>A61Q 17/00</i> ( 2006.01 )  <i>C11D 7/44</i> ( 2006.01 )  <i>A61K 127/00</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Hinson, Brian                      (74) Brian Hinson</p>	<p>(71) Nanjing Hanxiyue Automation Technology Co.Ltd.                      (11) AU-A-2019101499                      (21) 2019101499 (22) 02.12.2019                      (54) INTELLIGENT LOGISTICS TRANSPORTATION DEVICE WITH HIGH ROBUSTNESS                      (51) Int. Cl.  <i>B65G 47/44</i> ( 2006.01 )  <i>B65G 49/05</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Xu, Jinlan                      (74) Remarkable IP</p>
<p>(71) Hannay Douglas Pty Ltd                      (11) AU-A-2020100322                      (21) 2020100322 (22) 04.03.2020                      (54) VAPOUR HEAT TREATMENT APPARATUS AND METHOD                      (51) Int. Cl.  <i>A23B 7/005</i> ( 2006.01 )  <i>A23L 3/10</i> ( 2006.01 )  <i>B65B 55/14</i> ( 2006.01 )</p>	<p>Hu, W. see Yang, Y.                      (21) 2020100175</p>	<p>(71) Nanjing Hanxiyue Automation Technology Co.Ltd.                      (11) AU-A-2019101516                      (21) 2019101516 (22) 04.12.2019                      (54) TRANSPORTATION SORTING SYSTEM FOR AUTOMATED LOGISTICS                      (51) Int. Cl.  <i>B07C 1/00</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Xu, Jinlan                      (74) Remarkable IP</p>
<p>(71) Institute of Geology and Geophysics, Chinese Academy of Sciences                      (11) AU-A-2020100334                      (21) 2020100334 (22) 06.03.2020                      (54) GROUND-AIR SHORT OFFSET ELECTROMAGNETIC DETECTION SYSTEM AND METHOD FOR SEPARATING MULTI-SOURCE TRANSMISSION SIGNALS                      (51) Int. Cl.  <i>G01V 3/12</i> ( 2006.01 )  <i>G01V 3/17</i> ( 2006.01 )</p>	<p>Huang, S. see Yang, Y.                      (21) 2020100175</p>	<p>(71) Nanjing Lingque Intelligent Manufacturing Co.Ltd.                      (11) AU-A-2019101492                      (21) 2019101492 (22) 29.11.2019                      (54) COMPOUND HOLLOW ANCHOR ROD STRUCTURE                      (51) Int. Cl.  <i>E21D 21/00</i> ( 2006.01 )  <i>F16B 13/14</i> ( 2006.01 )                      (45) 09.04.2020                      (72) Zhu, Zhijie                      (74) Remarkable IP</p>

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- (71) Nanjing RuiYi Electronic Technology Co. Ltd.  
 (11) AU-A-2019101552  
 (21) 2019101552 (22) 11.12.2019  
 (54) WAVE RECORDER FIXING DEVICE WITH PROTECTION FUNCTION  
 (51) Int. Cl.  
*G01R 1/02* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Zhu, Yang; Le, Dandan  
 (74) Remarkable IP
- 
- (71) Nanjing Vision Lyle Automotive Electronics Co.Ltd.  
 (11) AU-A-2019101621  
 (21) 2019101621 (22) 16.12.2019  
 (54) Electronic Product Assembling Fixture  
 (51) Int. Cl.  
*H05K 7/00* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Qian, Dandan; Li, Taihua  
 (74) Remarkable IP
- 
- (71) Nanjing Yuqun Communication Technology Co.Ltd.  
 (11) AU-A-2019101514  
 (21) 2019101514 (22) 04.12.2019  
 (54) Processing Device for Applying Rotor Anti-rust Paint  
 (51) Int. Cl.  
*B05C 1/06* ( 2006.01 )  
*B05C 11/10* ( 2006.01 )  
*B05C 13/02* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Li, Rongrong; Meng, Baoyi  
 (74) Remarkable IP
- 
- (71) Nanjing Yuzhi Intelligent Technology Co.Ltd.  
 (11) AU-A-2019101530  
 (21) 2019101530 (22) 06.12.2019  
 (54) INDUSTRIAL INTELLIGENT CLAMP DEVICE  
 (51) Int. Cl.  
*B25B 5/16* ( 2006.01 )  
*B23Q 3/06* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Wu, Yan  
 (74) Remarkable IP
- 
- (71) Pujiang Left and Right Industry and Trade Co., Ltd.  
 (11) AU-A-2019101459  
 (21) 2019101459 (22) 26.11.2019  
 (54) Rotary spraying device for processing horn angle grapple  
 (51) Int. Cl.  
*B05B 3/02* ( 2006.01 )  
*B05B 12/16* ( 2018.01 )  
 (31) 2019214259236 (32) 30.08.19 (33) CN  
 (45) 09.04.2020  
 (72) Hong, Chao  
 (74) Xueyang Song
- 
- (71) Qilu University of Technology  
 (11) AU-A-2020100238
- 
- (21) 2020100238 (22) 19.02.2020  
 (54) PROCESS FOR PREPARING PAPER-BASED MATERIAL BY ULTRASONIC-ASSISTED IONIC LIQUID TREATMENT OF ECF BLEACHED KRAFT PULP  
 (51) Int. Cl.  
*D21C 3/22* ( 2006.01 )  
*D21C 3/04* ( 2006.01 )  
*D21C 3/26* ( 2006.01 )  
*D21C 9/10* ( 2006.01 )  
*D21C 9/16* ( 2006.01 )  
*D21H 11/04* ( 2006.01 )  
 (45) 09.04.2020  
 (72) YANG, Guihua; QI, Letian; CHEN, Jiachuan; PENG, Jianmin  
 (74) COOPER IP PTY. LTD.
- 
- (71) Qingdao Agricultural University  
 (11) AU-A-2020100291  
 (21) 2020100291 (22) 27.02.2020  
 (54) PRECISION FERTILIZATION SYSTEM  
 (51) Int. Cl.  
*A01B 79/00* ( 2006.01 )  
*A01C 21/00* ( 2006.01 )  
*A01G 24/60* ( 2018.01 )  
 (31) 201910186876.2 (32) 13.03.19 (33) CN  
 (45) 09.04.2020  
 (72) LIANG, Bin; LI, Junliang; LIU, Qinghua; HE, Hua  
 (74) James & Wells Intellectual Property
- 
- (71) Reid, C.  
 (11) AU-A-2020100326  
 (21) 2020100326 (22) 05.03.2020  
 (54) Displaying plates on transparent barriers  
 (51) Int. Cl.  
*G09F 7/00* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Reid, Carl  
 (74) WADESON
- 
- (71) Rootank Pty Ltd  
 (11) AU-A-2020100320  
 (21) 2020100320 (22) 04.03.2020  
 (54) METHOD, INFRASTRUCTURE AND APPARATUS FOR FIRE FIGHTING USE  
 (51) Int. Cl.  
*A62C 3/02* ( 2006.01 )  
*A62C 35/02* ( 2006.01 )  
*B65D 88/22* ( 2006.01 )  
 (45) 09.04.2020  
 (62) 2018271414  
 (72) Ovsyannikova, Elena; Ovsyannikov, Sergey  
 (74) Kevin Ashby
- 
- (71) Sakari Pty Ltd  
 (11) AU-A-2020100315  
 (21) 2020100315 (22) 04.03.2020  
 (54) AN IMPROVED COOKED PRODUCT, DOUGH OR BATTER AND DOUGH OR BATTER MAKING PROCESS  
 (51) Int. Cl.  
*A23L 5/42* ( 2016.01 )  
 (31) 2019901046 (32) 28.03.19 (33) AU
- 
- (45) 09.04.2020  
 (72) RUMMUKAINEN, Tommi  
 (74) Halfords IP
- 
- (71) Techtronic Cordless GP  
 (11) AU-A-2020100321  
 (21) 2020100321 (22) 04.03.2020  
 (54) Battery pack for a power tool, battery charger for such battery pack, and power tool for such battery pack  
 (51) Int. Cl.  
*H01M 10/04* ( 2006.01 )  
*H01M 2/02* ( 2006.01 )  
*H01M 2/04* ( 2006.01 )  
*H01M 10/02* ( 2006.01 )  
 (31) 29/704,570 (32) 05.09.19 (33) US  
 29/704,572 05.09.19 US  
 29/704,580 05.09.19 US  
 (45) 09.04.2020  
 (72) CAGLE, Clint  
 (74) Spruson & Ferguson
- 
- (71) The Water & Carbon Group Pty Ltd  
 (11) AU-A-2020100282  
 (21) 2020100282 (22) 26.02.2020  
 (54) Testing Sludge Prior to Treatment and Re-use  
 (51) Int. Cl.  
*C02F 11/12* ( 2019.01 )  
*C02F 11/02* ( 2006.01 )  
 (31) 2019900623 (32) 27.02.19 (33) AU  
 (45) 09.04.2020  
 (72) Hunter, Jim; Costello, Sarah  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) University of Science and Technology of China  
 (11) AU-A-2020100284  
 (21) 2020100284 (22) 26.02.2020  
 (54) Enrichment and Purification Device for Single Gas in Mixed Gas  
 (51) Int. Cl.  
*B01D 8/00* ( 2006.01 )  
*B01D 53/04* ( 2006.01 )  
 (45) 09.04.2020  
 (72) GONG, Bing; ZHENG, Yongfei  
 (74) WRAYS PTY LTD
- 
- (71) Vitale, D.  
 (11) AU-A-2020100307  
 (21) 2020100307 (22) 02.03.2020  
 (54) Pop Out Controllers for Gaming on Smartphone  
 (51) Int. Cl.  
*H04M 1/02* ( 2006.01 )  
*A63F 13/92* ( 2014.01 )  
*G06F 1/16* ( 2006.01 )  
 (45) 09.04.2020  
 (72) Vitale, David Samuel  
 (74) David Samuel Vitale
- 
- Wen, W. see Yang, Y.  
 (21) 2020100175



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

- (71) Yang, Y.; Hu, W.; Huang, S.; Wen, W.  
(11) AU-A-2020100175  
(21) 2020100175 (22) 04.02.2020  
(54) Retinex-based progressive image enhancement method  
(51) Int. Cl.  
*G06T 5/00* ( 2006.01 )  
(45) 09.04.2020  
(72) Yang, Yong; Hu, Wei; Huang, Shuying;  
Wen, Wenying  
(74) Yong Yang

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<b>2019101459</b>	Pujiang Left and Right Industry and Trade Co., Ltd.
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<b>2019101514</b>	Nanjing Yuqun Communication Technology Co.Ltd.
<b>2019101516</b>	Nanjing Hanxiyue Automation Technology Co.Ltd.
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<b>2020100284</b>	University of Science and Technology of China
<b>2020100291</b>	Qingdao Agricultural University
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<b>2020100323</b>	Commonwealth Scientific and Industrial Research Organisa- tion
<b>2020100325</b>	CULLEN, M.
<b>2020100326</b>	Reid, C.
<b>2020100332</b>	Central South University of Forestry and Technology
<b>2020100333</b>	Hayward, J.
<b>2020100334</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences

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2019101459	2020100267	2020100321	

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

<p>(71) 1st Biotherapeutics Inc.                      (11) AU-A-2018346051                      (21) 2018346051 (22) 01.10.2018                      (54) Benzothiazol compounds and methods using the same for treating neurodegenerative disorders                      (51) Int. Cl.  <i>C07D 277/82</i> ( 2006.01 )  <i>C07D 417/04</i> ( 2006.01 )  <i>C07D 417/10</i> ( 2006.01 )  <i>C07D 513/04</i> ( 2006.01 )                      (87) WO2019/070093                      (31) 62/696,432 (32) 11.07.18 (33) US                      62/666,800 04.05.18 US                      62/566,649 02.10.17 US                      (43) 11.04.2019                      (72) LEE, Jinhwa; JO, Suyeon; PARK, A Yeong; LEE, Gwibin; KIM, Jae Eun; KIM, Misoon; JUNG, Gyooseung; LIM, Seung Mook; LIM, Keonseung; LEE, Minwoo; YANG, Heekyoung; KIM, Hyonam; KIM, Hyeongjun; LI, Wanjun; FAN, MingZhu                      (74) Davies Collison Cave Pty Ltd</p>	<p>(43) 21.03.2019                      (72) ESSADDAM, Adel; ESSADDAM, Fares                      (74) FB Rice Pty Ltd</p>	<p>(43) 21.03.2019                      (72) Not Given                      (74) AJ PARK</p>
<p>(71) ABB Schweiz AG                      (11) AU-A-2018261510                      (21) 2018261510 (22) 26.04.2018                      (54) Nested microgrid control system                      (51) Int. Cl.  <i>H02J 3/06</i> ( 2006.01 )  <i>H02J 3/10</i> ( 2006.01 )  <i>H02J 3/12</i> ( 2006.01 )                      (87) WO2018/204160                      (31) 15/665,657 (32) 01.08.17 (33) US                      15/655,378 20.07.17 US                      62/492,680 01.05.17 US                      (43) 08.11.2018                      (72) Hong, Junho; Kondabathini, Anil; Ishchenko, Dmitry; Mondal, Abrez                      (74) Griffith Hack</p>	<p>(71) ABB Schweiz AG                      (11) AU-A-2018261510                      (21) 2018261510 (22) 26.04.2018                      (54) Nested microgrid control system                      (51) Int. Cl.  <i>H02J 3/06</i> ( 2006.01 )  <i>H02J 3/10</i> ( 2006.01 )  <i>H02J 3/12</i> ( 2006.01 )                      (87) WO2018/204160                      (31) 15/665,657 (32) 01.08.17 (33) US                      15/655,378 20.07.17 US                      62/492,680 01.05.17 US                      (43) 08.11.2018                      (72) Hong, Junho; Kondabathini, Anil; Ishchenko, Dmitry; Mondal, Abrez                      (74) Griffith Hack</p>	<p>(71) Activator Methods Internationall, Ltd.                      (11) AU-A-2018333967                      (21) 2018333967 (22) 18.09.2018                      (54) Chiropractic adjusting instrument system and method                      (51) Int. Cl.  <i>A61H 1/00</i> ( 2006.01 )  <i>A61H 23/00</i> ( 2006.01 )  <i>A61H 23/02</i> ( 2006.01 )                      (87) WO2019/055959                      (31) 62/559,806 (32) 18.09.17 (33) US                      (43) 21.03.2019                      (72) FUHR, Arlan W.                      (74) Phillips Ormonde Fitzpatrick</p>
<p>(71) 3M Innovative Properties Company                      (11) AU-A-2018337929                      (21) 2018337929 (22) 10.09.2018                      (54) Protective headgear with adjustable air supply                      (51) Int. Cl.  <i>A42B 3/28</i> ( 2006.01 )  <i>A62B 18/00</i> ( 2006.01 )                      (87) WO2019/058207                      (31) 62/561,905 (32) 22.09.17 (33) US                      (43) 28.03.2019                      (72) FREJD, Jonas N.A.                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Abiomed, Inc.                      (11) AU-A-2018332888                      (21) 2018332888 (22) 13.09.2018                      (54) Integrated expandable access for medical device introducer                      (51) Int. Cl.  <i>A61M 1/12</i> ( 2006.01 )                      (87) WO2019/055591                      (31) 62/558,507 (32) 14.09.17 (33) US                      (43) 21.03.2019                      (72) FANTUZZI, Glen R.; SIESS, Thorsten                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Active Needle Technology Ltd                      (11) AU-A-2018333037                      (21) 2018333037 (22) 17.09.2018                      (54) Medical device                      (51) Int. Cl.  <i>A61B 10/02</i> ( 2006.01 )  <i>A61B 17/32</i> ( 2006.01 )                      (87) WO2019/053469                      (31) 1715002.0 (32) 18.09.17 (33) GB                      (43) 21.03.2019                      (72) IAN, Quirk; SADIQ, Mumammad Rohaan                      (74) Spruson &amp; Ferguson</p>
<p>(71) 3rd Wheel Productions Pty Ltd                      (11) AU-A-2017435118                      (21) 2017435118 (22) 06.10.2017                      (54) Massage apparatus and method of use                      (51) Int. Cl.  <i>A61H 15/00</i> ( 2006.01 )                      (87) WO2019/069118                      (43) 11.04.2019                      (72) NASH, Paul                      (74) Kevin Ashby</p>	<p>(71) Abiomed, Inc.                      (11) AU-A-2018337040                      (21) 2018337040 (22) 18.09.2018                      (54) Systems and methods for time-based one-time password management for a medical device                      (51) Int. Cl.  <i>H04L 29/06</i> ( 2006.01 )  <i>H04L 29/08</i> ( 2006.01 )                      (87) WO2019/060281                      (31) 62/560,448 (32) 19.09.17 (33) US                      (43) 28.03.2019                      (72) AGNELLO, Alessandro Simone                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Adrenomed AG                      (11) AU-A-2018335438                      (21) 2018335438 (22) 25.09.2018                      (54) Anti-adrenomedullin (ADM) binder for use in therapy or prevention of symptoms of illness                      (51) Int. Cl.  <i>C07K 16/46</i> ( 2006.01 )  <i>A61K 39/00</i> ( 2006.01 )  <i>A61P 31/00</i> ( 2006.01 )  <i>C07K 16/26</i> ( 2006.01 )                      (87) WO2019/057992                      (31) 17203370.6 (32) 23.11.17 (33) EP                      17192999.5 25.09.17 EP                      (43) 28.03.2019                      (72) BERGMANN, Andreas                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 9449710 Canada Inc.                      (11) AU-A-2018333297                      (21) 2018333297 (22) 13.09.2018                      (54) Terephthalic acid esters formation                      (51) Int. Cl.  <i>C07C 67/03</i> ( 2006.01 )  <i>C08G 63/91</i> ( 2006.01 )  <i>C08J 11/24</i> ( 2006.01 )                      (87) WO2019/051597                      (31) 15/706,484 (32) 15.09.17 (33) US</p>	<p>(71) ABUS Pfaffenhain GmbH                      (11) AU-A-2018332493                      (21) 2018332493 (22) 13.09.2018                      (54) Locking device                      (51) Int. Cl.  <i>E05B 27/00</i> ( 2006.01 )  <i>E05B 19/00</i> ( 2006.01 )  <i>E05B 47/00</i> ( 2006.01 )                      (87) WO2019/053135                      (31) 10 2017 121 226.4 (32) 13.09.17 (33) DE</p>	<p>(71) Adrenomed AG                      (11) AU-A-2018350861                      (21) 2018350861 (22) 18.10.2018                      (54) Therapy monitoring under treatment with an anti-adrenomedullin (ADM) binder                      (51) Int. Cl.  <i>G01N 33/50</i> ( 2006.01 )  <i>G01N 33/68</i> ( 2006.01 )                      (87) WO2019/077082                      (31) 17197177.3 (32) 18.10.17 (33) EP</p>

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- (43) 25.04.2019  
 (72) STRUCK, Joachim; BERGMANN, Andreas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Advanced Messaging Technologies, Inc.  
 (11) AU-A-2018347492  
 (21) 2018347492 (22) 02.10.2018  
 (54) Transparent fax call processing in a mobile device  
 (51) Int. Cl.  
 H04M 1/725 (2006.01)  
 H04N 1/00 (2006.01)  
 H04N 1/327 (2006.01)  
 (87) WO2019/074726  
 (31) 15/784,030 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (72) FREEMAN, Kirk Allen  
 (74) Franke Hyland Pty Ltd
- 
- (71) Advanced Solutions Life Sciences, LLC  
 (11) AU-A-2018335291  
 (21) 2018335291 (22) 19.09.2018  
 (54) Well-plate and fluidic manifold assemblies and methods  
 (51) Int. Cl.  
 C12M 1/00 (2006.01)  
 B01L 3/00 (2006.01)  
 C12M 3/00 (2006.01)  
 G01N 35/10 (2006.01)  
 (87) WO2019/060370  
 (31) 62/560,324 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) CAMBRON, Scott Douglas  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Agfa NV  
 (11) AU-A-2018321096  
 (21) 2018321096 (22) 16.08.2018  
 (54) Aqueous inkjet ink sets and inkjet printing methods  
 (51) Int. Cl.  
 C09D 11/40 (2014.01)  
 B44F 9/02 (2006.01)  
 C09D 11/322 (2014.01)  
 C09D 11/324 (2014.01)  
 C09D 11/38 (2014.01)  
 (87) WO2019/038173  
 (31) 17187192.4 (32) 22.08.17 (33) EP  
 (43) 28.02.2019  
 (72) LENAERTS, Jens; WILLEMS, Nadine; PETTON, Lionel; LIGOT, Amandine; WYNANTS, Sonny  
 (74) Shelston IP Pty Ltd.
- 
- (71) Alcon Inc.  
 (11) AU-A-2018353527  
 (21) 2018353527 (22) 16.10.2018  
 (54) Systems and methods for measuring ciliary muscle activity  
 (51) Int. Cl.  
 A61B 5/00 (2006.01)  
 A61B 5/0492 (2006.01)  
 A61F 2/16 (2006.01)  
 A61B 3/10 (2006.01)  
 (87) WO2019/077488
- 
- (31) 62/573,186 (32) 17.10.17 (33) US  
 (43) 25.04.2019  
 (72) CAMPIN, John; LIEDEL, Kevin; PETTIT, George Hunter  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Alcon Inc.  
 (11) AU-A-2018362010  
 (21) 2018362010 (22) 02.11.2018  
 (54) Azabicyclo and diazepine derivatives for treating ocular disorders  
 (51) Int. Cl.  
 C07D 471/04 (2006.01)  
 A61K 31/439 (2006.01)  
 A61P 27/10 (2006.01)  
 C07D 471/08 (2006.01)  
 (87) WO2019/087146  
 (31) 62/749,610 (32) 23.10.18 (33) US  
 62/581,073 03.11.17 US  
 (43) 09.05.2019  
 (72) ELLIS, David; KETELSON, Howard Allen  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Algorand Inc.  
 (11) AU-A-2018339067  
 (21) 2018339067 (22) 28.09.2018  
 (54) Message-credentialed blockchains  
 (51) Int. Cl.  
 G06Q 20/00 (2012.01)  
 (87) WO2019/067863  
 (31) 62/632,944 (32) 20.02.18 (33) US  
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 62/580,757 02.11.17 US  
 62/607,558 19.12.17 US  
 62/570,256 10.10.17 US  
 62/564,670 28.09.17 US  
 62/567,864 04.10.17 US  
 (43) 04.04.2019  
 (72) MICALI, Silvio  
 (74) RnB IP Pty Ltd
- 
- (71) Alkahest, Inc.  
 (11) AU-A-2018347447  
 (21) 2018347447 (22) 12.10.2018  
 (54) Methods and compositions for treating pruritus, xerosis, and associated disease using CCR3-inhibitors  
 (51) Int. Cl.  
 A61K 31/4545 (2006.01)  
 A61P 17/00 (2006.01)  
 (87) WO2019/075351  
 (31) 62/572,251 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (72) BRAITHWAITE, Steven P.; MINAMI, S. Sakura; TEICHERT, Arnaud E.J.  
 (74) FB Rice Pty Ltd
- 
- (71) Amatelus Inc.  
 (11) AU-A-2018338407  
 (21) 2018338407 (22) 20.09.2018  
 (54) Image distribution device, image distribution system, image distribution method, and image distribution program  
 (51) Int. Cl.  
 H04N 21/2668 (2011.01)  
 H04N 5/232 (2006.01)  
 H04N 21/258 (2011.01)
- 
- (71) Amgen Inc.  
 (11) AU-A-2018358749  
 (21) 2018358749 (22) 04.10.2018  
 (54) Drug delivery device with placement and flow sensing  
 (51) Int. Cl.  
 A61M 5/20 (2006.01)  
 A61M 5/32 (2006.01)  
 (87) WO2019/089178  
 (31) 62/582,268 (32) 06.11.17 (33) US  
 (43) 09.05.2019  
 (72) GROZSMANN, Daniel, Eduardo; GIBSON, Scott, Robert  
 (74) Spruson & Ferguson
- 
- (71) Amgen Inc.  
 (11) AU-A-2018364933  
 (21) 2018364933 (22) 09.10.2018  
 (54) Plungers for drug delivery devices  
 (51) Int. Cl.  
 A61M 5/142 (2006.01)  
 A61M 5/20 (2006.01)  
 A61M 5/315 (2006.01)  
 F16J 1/00 (2006.01)  
 (87) WO2019/094138  
 (31) 62/584,335 (32) 10.11.17 (33) US  
 (43) 16.05.2019  
 (72) JAZAYERI, Julian; FORSTER, Ronald; SECKUTE, Jolita; HENDERSON, Olivia Alice; BROWN, Kristen; GORDON, Gregory; ØHLENSCHLÄGER, Rasmus; KAARE SOELBERG, Peter Dan  
 (74) Spruson & Ferguson
- 
- (71) Amgen Inc.  
 (11) AU-A-2018368338  
 (21) 2018368338 (22) 12.11.2018  
 (54) Autoinjector with stall and end point detection  
 (51) Int. Cl.  
 A61M 5/20 (2006.01)  
 A61M 5/145 (2006.01)  
 A61M 5/24 (2006.01)  
 (87) WO2019/099322  
 (31) 62/587,421 (32) 16.11.17 (33) US  
 (43) 23.05.2019  
 (72) PARAMANANDAM, Sivakumar; ANTONINI, Antonio; COLES, Andrew; ALAGIA, Nicola Antonio  
 (74) Spruson & Ferguson
- 
- (71) Amicus Therapeutics, Inc.  
 (11) AU-A-2018326364  
 (21) 2018326364 (22) 28.08.2018  
 (54) Methods of enhancing and/or stabilizing cardiac function in patients with Fabry disease  
 (51) Int. Cl.  
 A61K 31/445 (2006.01)

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

- A61P 9/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2019/046244  
**(31)** 62/550,984 **(32)** 28.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** CASTELLI, Jeff; BARTH, Jay; SKUBAN, Nina  
**(74)** Dark IP
- 
- (71)** Angion Biomedica Corp.  
**(11)** AU-A-2018326785  
**(21)** 2018326785 **(22)** 31.08.2018  
**(54)** Vinylheterocycles as Rho-associated coiled-coil kinase (ROCK) inhibitors  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**C07D 403/06** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**(87)** WO2019/046795  
**(31)** 62/553,885 **(32)** 03.09.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** LI, An-Hu; DANA, Dibyendu; LIM, Dong Sung; GADHIYA, Satishkumar; JUNG, Dawoon; NARAYAN, Prakash; ALI, Quaisar; PAKA, Latha; GOLDBERG, Itzhak D.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Anti-Viral Technologies, LLC  
**(11)** AU-A-2018324427  
**(21)** 2018324427 **(22)** 09.08.2018  
**(54)** Methods and compositions for the antiviral use of synthetic lysine analogs and mimetics  
**(51)** Int. Cl.  
**A61K 31/195** ( 2006.01 )  
**A61K 39/40** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(87)** WO2019/045989  
**(31)** 62/664,555 **(32)** 30.04.18 **(33)** US  
 62/550,656 27.08.17 US  
**(43)** 07.03.2019  
**(72)** MURDOCK, Frank; MURDOCK, Ronnea; STEWART, W. Paul  
**(74)** FB Rice Pty Ltd
- 
- (71)** ArcelorMittal  
**(11)** AU-A-2018385659  
**(21)** 2018385659 **(22)** 13.12.2018  
**(54)** Method for the treatment of wastewaters  
**(51)** Int. Cl.  
**C02F 1/66** ( 2006.01 )  
**C02F 1/76** ( 2006.01 )  
**C02F 101/18** ( 2006.01 )  
**C02F 101/20** ( 2006.01 )  
**C02F 103/18** ( 2006.01 )  
**(87)** WO2019/116297  
**(31)** PCT/ **(32)** 14.12.17 **(33)** IB  
 IB2017/057927  
**(43)** 20.06.2019  
**(72)** GOMEZ LEIVA, Patricia; MENENDEZ DELMIRO, Vanesa; PADILLA VIVAS, Beatriz  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Arcutis, Inc.  
**(11)** AU-A-2018337752
- 
- (21)** 2018337752 **(22)** 19.09.2018  
**(54)** Pharmaceutical compositions of roflumilast in aqueous blends of water-miscible, pharmaceutically acceptable solvents  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**(87)** WO2019/060379  
**(31)** 15/712,900 **(32)** 22.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** OSBORNE, David W.  
**(74)** Griffith Hack
- 
- (71)** Asahi Kasei Kabushiki Kaisha  
**(11)** AU-A-2018327797  
**(21)** 2018327797 **(22)** 04.09.2018  
**(54)** Method for manufacturing brewed alcoholic beverage using porous membrane  
**(51)** Int. Cl.  
**C12H 1/07** ( 2006.01 )  
**B01D 61/14** ( 2006.01 )  
**B01D 65/06** ( 2006.01 )  
**B01D 69/00** ( 2006.01 )  
**B01D 69/08** ( 2006.01 )  
**B01D 71/30** ( 2006.01 )  
**B01D 71/32** ( 2006.01 )  
**B01D 71/34** ( 2006.01 )  
**B01D 71/36** ( 2006.01 )  
**B01D 71/68** ( 2006.01 )  
**(87)** WO2019/049861  
**(31)** 2017-172007 **(32)** 07.09.17 **(33)** JP  
**(43)** 14.03.2019  
**(72)** NAKAZAWA, Yukio  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Ascentage Pharma (Suzhou) Co., Ltd.  
**(11)** AU-A-2019315550  
**(21)** 2019315550 **(22)** 31.07.2019  
**(54)** Combination of Bcl-2/Bcl-xL inhibitors and chemotherapeutic agent and use thereof  
**(51)** Int. Cl.  
**A61K 31/675** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/024976  
**(31)** 201810914839.4 **(32)** 31.07.18 **(33)** CN  
 PCT/ 12.02.19 CN  
 CN2019/074862  
 201910598720.5 04.07.19 CN  
 201910662265.0 22.07.19 CN  
**(43)** 06.02.2020  
**(72)** YANG, Dajun; ZHAI, Yifan; WANG, Guangfeng; FANG, Douglas Dong; DENG, Jing; QIU, Miaozen; ZHANG, Lin  
**(74)** Eagar & Associates Pty Ltd
- 
- (71)** Aspen Pumps Limited  
**(11)** AU-A-2018346575  
**(21)** 2018346575 **(22)** 10.09.2018  
**(54)** Connection box for condensate pumps in air-conditioning units  
**(51)** Int. Cl.  
**F24F 13/22** ( 2006.01 )  
**F24F 11/30** ( 2018.01 )  
**F24F 11/32** ( 2018.01 )  
**(87)** WO2019/069045  
**(31)** 1716137.3 **(32)** 03.10.17 **(33)** GB
- 
- (43)** 11.04.2019  
**(72)** FORSHAW, Christopher  
**(74)** WRAYS PTY LTD
- 
- (71)** Assa Abloy AB  
**(11)** AU-A-2018335042  
**(21)** 2018335042 **(22)** 04.09.2018  
**(54)** Manipulator for an access member, access member comprising the manipulator, system and method  
**(51)** Int. Cl.  
**E05D 3/18** ( 2006.01 )  
**E05C 1/00** ( 2006.01 )  
**E05F 15/622** ( 2015.01 )  
**(87)** WO2019/057486  
**(31)** 1751169-2 **(32)** 21.09.17 **(33)** SE  
**(43)** 28.03.2019  
**(72)** ELSMARK, Lars  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** ASSA ABLOY Australia Pty Limited  
**(11)** AU-A-2018347006  
**(21)** 2018347006 **(22)** 10.10.2018  
**(54)** Electronic lockset  
**(51)** Int. Cl.  
**E05B 47/06** ( 2006.01 )  
**E05B 13/00** ( 2006.01 )  
**E05B 63/16** ( 2006.01 )  
**G07C 9/00** ( 2006.01 )  
**(87)** WO2019/071307  
**(31)** 2017904088 **(32)** 10.10.17 **(33)** AU  
**(43)** 18.04.2019  
**(72)** SULLIVAN, Kevin Francis  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** ASSA ABLOY New Zealand Limited  
**(11)** AU-A-2018341396  
**(21)** 2018341396 **(22)** 27.09.2018  
**(54)** A window fastener  
**(51)** Int. Cl.  
**E05C 3/00** ( 2006.01 )  
**E05C 3/14** ( 2006.01 )  
**(87)** WO2019/066661  
**(31)** 735936 **(32)** 28.09.17 **(33)** NZ  
**(43)** 04.04.2019  
**(72)** MOLLOY, Bryce Alan; ISAACSON, Lewis Joseph  
**(74)** Ellis Terry
- 
- (71)** Auris Health, Inc.  
**(11)** AU-A-2018345516  
**(21)** 2018345516 **(22)** 26.09.2018  
**(54)** Robotic system with indication of boundary for robotic arm  
**(51)** Int. Cl.  
**A61B 34/37** ( 2016.01 )  
**A61B 1/00** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**(87)** WO2019/070482  
**(31)** 62/568,733 **(32)** 05.10.17 **(33)** US  
 16/141,755 25.09.18 US  
**(43)** 11.04.2019  
**(72)** HO, Mingyen; NOONAN, David Paul; CHUNG, Shu-Yun; JIANG, Allen  
**(74)** Davies Collison Cave Pty Ltd
-

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

- (71) Avery Dennison Retail Information Services, LLC; RFID N Print Pty Ltd  
 (11) AU-A-2018337962  
 (21) 2018337962 (22) 20.09.2018  
 (54) RFID wristband  
 (51) Int. Cl.  
**G06K 19/077** ( 2006.01 )  
**G09F 3/00** ( 2006.01 )  
 (87) WO2019/060560  
 (31) 62/560,988 (32) 20.09.17 (33) US  
 (43) 28.03.2019  
 (72) BOURQUE, Douglas; HEGAN, Bruce  
 (74) Ellis Terry
- 
- (71) B. G. Negev Technologies and Applications Ltd., at Ben-Gurion University  
 (11) AU-A-2018336160  
 (21) 2018336160 (22) 17.09.2018  
 (54) Sex-linked genomic marker for crayfish and uses thereof  
 (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6879** ( 2018.01 )  
 (87) WO2019/058371  
 (31) 62/560,313 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) LEVY, Tom; MANOR, Rivka; SAGI, Amir  
 (74) Collison & Co
- 
- (71) Balanced Body, Inc.  
 (11) AU-A-2018365160  
 (21) 2018365160 (22) 13.11.2018  
 (54) Corner member for a supportive frame assembly  
 (51) Int. Cl.  
**A63B 21/00** ( 2006.01 )  
 (87) WO2019/094889  
 (31) 62/585,099 (32) 13.11.17 (33) US  
 (43) 16.05.2019  
 (72) ENDELMAN, Ken; SPELMAN, Kit W.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Bayer Aktiengesellschaft  
 (11) AU-A-2018358804  
 (21) 2018358804 (22) 25.10.2018  
 (54) Bispecific antibodies binding ALK-1 and BMPR-2  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
 (87) WO2019/086331  
 (31) 17199746.3 (32) 02.11.17 (33) EP  
 17200666.0 08.11.17 EP  
 (43) 09.05.2019  
 (72) WEBER, Ernst; MEDING, Jörg; SOHLER, Florian; GLÜCK, Julian, Marius  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Bayer HealthCare LLC  
 (11) AU-A-2018345510  
 (21) 2018345510 (22) 26.09.2018  
 (54) Methods for preventing disulfide bond reduction in cell culture harvest with selenite  
 (51) Int. Cl.
- 
- C07K 16/06** ( 2006.01 )  
**C07K 1/113** ( 2006.01 )  
 (87) WO2019/070468  
 (31) 62/566,817 (32) 02.10.17 (33) US  
 (43) 11.04.2019  
 (72) KWANT, Kathryn  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Bayer Pharma Aktiengesellschaft  
 (11) AU-A-2018354780  
 (21) 2018354780 (22) 18.10.2018  
 (54) Process for preparing benzothioiphen-2yl boronate  
 (51) Int. Cl.  
**C07D 333/64** ( 2006.01 )  
**C07D 333/68** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07F 5/02** ( 2006.01 )  
 (87) WO2019/081346  
 (31) 17198336.4 (32) 25.10.17 (33) EP  
 (43) 02.05.2019  
 (72) GRIES, Jörg; PLATZEK, Johannes  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2018337028  
 (21) 2018337028 (22) 18.09.2018  
 (54) Sampling systems and techniques to collect hazardous contaminants with high pickup and shedding efficiencies  
 (51) Int. Cl.  
**C12Q 1/04** ( 2006.01 )  
**G01N 1/02** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 21/00** ( 2006.01 )  
**G01N 30/00** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
 (87) WO2019/060265  
 (31) 62/561,552 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) HARDING, Weston F.; MCKINNON, Austin Jason; OSHINSKI, Matthew  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2018337035  
 (21) 2018337035 (22) 18.09.2018  
 (54) Demarcation template for hazardous contaminant testing  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**G01D 11/24** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 1/31** ( 2006.01 )  
**G01N 21/88** ( 2006.01 )  
**G03F 9/00** ( 2006.01 )  
 (87) WO2019/060275  
 (31) 62/561,557 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) OSHINSKI, Matthew; MCKINNON, Austin Jason  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2018337036  
 (21) 2018337036 (22) 18.09.2018
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2018337648  
 (21) 2018337648 (22) 18.09.2018  
 (54) Reactive demarcation template for hazardous contaminant testing  
 (51) Int. Cl.  
**G01N 1/02** ( 2006.01 )  
**G01N 21/01** ( 2006.01 )  
**G01N 33/94** ( 2006.01 )  
 (87) WO2019/060266  
 (31) 62/561,584 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) WEST, Robert  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2018337650  
 (21) 2018337650 (22) 18.09.2018  
 (54) High dynamic range assays in hazardous contaminant testing  
 (51) Int. Cl.  
**C12Q 1/04** ( 2006.01 )  
**G01N 1/02** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 21/00** ( 2006.01 )  
**G01N 30/00** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
 (87) WO2019/060270  
 (31) 62/561,567 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) ISAACSON, Ray; DWYER, Brian Patrick; MCKINNON, Austin Jason  
 (74) FB Rice Pty Ltd
- 
- (71) Beele Engineering B.V.  
 (11) AU-A-2018328067  
 (21) 2018328067 (22) 11.09.2018  
 (54) Conduit through which at least one pipe or cable extends, and method for sealing such a conduit  
 (51) Int. Cl.  
**F16L 5/04** ( 2006.01 )  
**H02G 3/04** ( 2006.01 )  
**H02G 3/22** ( 2006.01 )  
 (87) WO2019/048691  
 (31) 1042540 (32) 11.09.17 (33) NL  
 (43) 14.03.2019  
 (72) BEELE, Johannes Alfred  
 (74) Spruson & Ferguson
- 
- (71) Augmented reality devices for hazardous contaminant testing  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 21/88** ( 2006.01 )  
**G03F 9/00** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06T 7/73** ( 2017.01 )  
 (87) WO2019/060276  
 (31) 62/561,541 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) ISAACSON, Ray; HOSMANE, Suneil; ARANTES SOUZA, Marcel; PETERSON, Bart; OSHINSKI, Matthew  
 (74) FB Rice Pty Ltd
-

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

- (71) Beele Engineering B.V.  
 (11) AU-A-2018335248  
 (21) 2018335248 (22) 20.09.2018  
 (54) System and method for providing a conduit sealingly to a through-opening in a plate-shaped construction element  
 (51) Int. Cl.  
*F16L 5/02* ( 2006.01 )  
*F16L 5/08* ( 2006.01 )  
*H02G 3/22* ( 2006.01 )  
*F16L 41/08* ( 2006.01 )  
 (87) WO2019/057855  
 (31) 2019583 (32) 20.09.17 (33) NL  
 (43) 28.03.2019  
 (72) BEELE, Johannes Alfred  
 (74) Spruson & Ferguson
- 
- (71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
 (11) AU-A-2018415216  
 (21) 2018415216 (22) 27.07.2018  
 (54) Mesoscale data-based automatic wind turbine layout method and device  
 (51) Int. Cl.  
*H02J 3/00* ( 2006.01 )  
 (87) WO2019/184161  
 (31) 201810270878.5 (32) 29.03.18 (33) CN  
 (43) 03.10.2019  
 (72) ZENG, Chuikuan; ZHANG, Congcong; XU, Xiaolong  
 (74) Madderns Pty Ltd
- 
- (71) Beijing MKS Research Institute  
 (11) AU-A-2017435532  
 (21) 2017435532 (22) 09.10.2017  
 (54) Rapid inflating and discharging device for protective suit and intelligent multi-purpose protective suit comprising same  
 (51) Int. Cl.  
*F04D 25/08* ( 2006.01 )  
*A41D 13/018* ( 2006.01 )  
 (87) WO2019/071387  
 (43) 18.04.2019  
 (72) SUN, Yingui; ZHOU, Hui Elizabeth; WANG, Shiguo; ZHANG, Sai  
 (74) WRAYS PTY LTD
- 
- (71) Beijing Scitech-MQ Pharmaceuticals Limited  
 (11) AU-A-2018337138  
 (21) 2018337138 (22) 20.09.2018  
 (54) 2-substituted pyrazole amino-4-substituted amino-5-pyrimidine formamide compound, composition, and application thereof  
 (51) Int. Cl.  
*C07D 403/12* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 17/14* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/06* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
 (87) WO2019/057112  
 (31) 201810801424.6 (32) 20.07.18 (33) CN
- 
- (71) Beijing SMTP Technology Co., Ltd.  
 (11) AU-A-2018342359  
 (21) 2018342359 (22) 12.08.2018  
 (54) Ultrasonic bone scalpel bit  
 (51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
 (87) WO2019/062348  
 (31) 201710908425.6 (32) 29.09.17 (33) CN  
 (43) 04.04.2019  
 (72) CAO, Qun; HU, Xiaoming; LI, Chunyuan  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Biocon Biologics India Limited  
 (11) AU-A-2018341109  
 (21) 2018341109 (22) 19.09.2018  
 (54) Integrated automated filtration for separation, washing and drying of peptide crystals  
 (51) Int. Cl.  
*C07K 14/62* ( 2006.01 )  
 (87) WO2019/064125  
 (31) 201741034158 (32) 26.09.17 (33) IN  
 (43) 04.04.2019  
 (72) KANDUKURI, Sai Srikar; SHUKLA, Vibhava; MARIMUTHU, Arul; PATHY, Mukul; HAZRA, Partha P.  
 (74) AJ Pietras IP Limited
- 
- (71) Blue Therapeutics, Inc.  
 (11) AU-A-2018345909  
 (21) 2018345909 (22) 08.10.2018  
 (54) Methods of treating acute or chronic pain  
 (51) Int. Cl.  
*A61K 31/485* ( 2006.01 )  
*A61P 25/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
 (87) WO2019/071264  
 (31) 62/569,315 (32) 06.10.17 (33) US  
 (43) 11.04.2019  
 (72) YEKKIRALA, Ajay; ROBERSON, David; PAINTER, Michio  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Board of Regents of the University of Nebraska  
 (11) AU-A-2018335389  
 (21) 2018335389 (22) 19.09.2018  
 (54) Nanofiber structures and methods of use thereof  
 (51) Int. Cl.  
*B82Y 30/00* ( 2011.01 )  
*C08J 9/00* ( 2006.01 )  
*D01F 6/00* ( 2006.01 )  
*D06M 11/00* ( 2006.01 )  
 (87) WO2019/060393  
 (31) 62/560,314 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) XIE, Jingwei  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Neuromodulation Corporation; Onanon Inc.  
 (11) AU-A-2018331512  
 (21) 2018331512 (22) 14.09.2018  
 (54) Actuatable lead connector for an operating room cable assembly and methods of making and using  
 (51) Int. Cl.  
*A61N 1/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
*A61N 1/372* ( 2006.01 )  
 (87) WO2019/055837  
 (31) 62/559,409 (32) 15.09.17 (33) US  
 (43) 21.03.2019  
 (72) NAGERI, Ranjan Krishna Mukhari; ROMERO, Daniel J.; HOOSE, Katie; PRUITT, Alex; JOHNSON, Dennis; KESHTGAR, Maziyar  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Neuromodulation Corporation; Onanon Inc.  
 (11) AU-A-2018331521  
 (21) 2018331521 (22) 14.09.2018  
 (54) Biased lead connector for operating room cable assembly and methods of making and using  
 (51) Int. Cl.  
*A61N 1/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
*A61N 1/375* ( 2006.01 )  
 (87) WO2019/055846  
 (31) 62/559,195 (32) 15.09.17 (33) US  
 (43) 21.03.2019  
 (72) NAGERI, Ranjan Krishna Mukhari; HOOSE, Katie; PRUITT, Alex; JOHNSON, Dennis; KESHTGAR, Maziyar; FANG, Brian  
 (74) Spruson & Ferguson
- 
- (71) Brandenburg Innovation Limited  
 (11) AU-A-2018325435  
 (21) 2018325435 (22) 30.08.2018  
 (54) An ovi-trap and method of controlling vector borne disease  
 (51) Int. Cl.  
*A01M 29/10* ( 2011.01 )  
*A01M 1/02* ( 2006.01 )  
*A01M 1/04* ( 2006.01 )  
*A01M 1/10* ( 2006.01 )  
 (87) WO2019/043449  
 (31) 1713908.0 (32) 30.08.17 (33) GB  
 (43) 07.03.2019  
 (72) KAYE, Mathew, Varghese; BAPTISTA, Carl; SEETHARAM, Shankar  
 (74) Shelston IP Pty Ltd.
- 
- (71) Bumil Industrial Co., Ltd.  
 (11) AU-A-2017432256  
 (21) 2017432256 (22) 20.09.2017  
 (54) Multi-functional food cooker having water purification function  
 (51) Int. Cl.  
*H05B 6/12* ( 2006.01 )  
*A47J 27/14* ( 2006.01 )  
*B01D 35/04* ( 2006.01 )  
*B67D 1/08* ( 2006.01 )  
*H05B 6/36* ( 2006.01 )  
 (87) WO2019/059429



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

- (43) 28.03.2019  
 (72) SHIN, Young Suk; JEON, Jong Min  
 (74) Griffith Hack
- 
- (71) BXB Digital Pty Limited  
 (11) AU-A-2018321284  
 (21) 2018321284 (22) 20.08.2018  
 (54) Systems and methods for pallet tracking using hub and spoke architecture  
 (51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G08C 17/02** ( 2006.01 )  
 (87) WO2019/040351  
 (31) 62/548,127 (32) 21.08.17 (33) US  
 (43) 28.02.2019  
 (72) BANDIL, Sandeep K.; SHI, Jun  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) C.R. Bard, Inc.  
 (11) AU-A-2018346418  
 (21) 2018346418 (22) 04.10.2018  
 (54) Urinary catheter  
 (51) Int. Cl.  
**A61L 29/00** ( 2006.01 )  
**A61L 29/08** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
 (87) WO2019/070984  
 (31) 15/724,879 (32) 04.10.17 (33) US  
 (43) 11.04.2019  
 (72) YIN, Zhihui; FISH, David; ROBERTS, Tom; SILVER, Adam; CHAPMAN, Brian  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Carboclave Corp.  
 (11) AU-A-2018340887  
 (21) 2018340887 (22) 26.09.2018  
 (54) Displaced air carbonation (DAC) process and system  
 (51) Int. Cl.  
**C04B 40/02** ( 2006.01 )  
**B28B 11/24** ( 2006.01 )  
**C09K 3/10** ( 2006.01 )  
 (87) WO2019/060992  
 (31) 62/564,822 (32) 28.09.17 (33) US  
 (43) 04.04.2019  
 (72) AL-GHOULEH, Zaid; HARGEST, Paul Wayne  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Cardionomic, Inc.  
 (11) AU-A-2018333929  
 (21) 2018333929 (22) 11.09.2018  
 (54) Neurostimulation systems and methods for affecting cardiac contractility  
 (51) Int. Cl.  
**A61B 5/0215** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
**A61B 5/021** ( 2006.01 )  
 (87) WO2019/055434  
 (31) 62/558,169 (32) 13.09.17 (33) US  
 62/623,648 30.01.18 US  
 62/676,188 24.05.18 US  
 (43) 21.03.2019  
 (72) CHRISTIAN, Steven C.; CHRISTIANSON, Mark R.; CHRISTOPHERSON,  
 Mark A.; GOEDEKE, Steven D.; KAPLAN, Paula Marcia; MOLNAR, Gabriela Cristina; SERDAR, David J.; WALDHAUSER, Steven L.  
 (74) FB Rice Pty Ltd
- 
- (71) Ceccato Aria Compressa s.r.l.  
 (11) AU-A-2018354934  
 (21) 2018354934 (22) 23.10.2018  
 (54) Perfected heat exchanger and air drying system using the aforesaid heat exchanger  
 (51) Int. Cl.  
**F28F 17/00** ( 2006.01 )  
**B01D 53/26** ( 2006.01 )  
**F28D 7/00** ( 2006.01 )  
**F28D 9/00** ( 2006.01 )  
 (87) WO2019/082078  
 (31) 102017000119692 (32) 23.10.17 (33) IT  
 (43) 02.05.2019  
 (72) NARDINI, Maurizio; FALCONE, Alessandro; BELLOSI, Massimo  
 (74) Spruson & Ferguson
- 
- (71) Centre National De La Recherche Scientifique; Université Paris Xii Val De Marne  
 (11) AU-A-2018343867  
 (21) 2018343867 (22) 27.09.2018  
 (54) Device for inserting a surgical implant  
 (51) Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61B 17/92** ( 2006.01 )  
 (87) WO2019/063675  
 (31) 1759130 (32) 29.09.17 (33) FR  
 (43) 04.04.2019  
 (72) HAIAT, Guillaume; ROSI, Giuseppe; TIJOU, Antoine  
 (74) Cotters Patent & Trade Mark Attorneys
- 
- (71) Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P.  
 (11) AU-A-2018352583  
 (21) 2018352583 (22) 16.10.2018  
 (54) Lentiviral vectors for delivery of PKLR to treat Pyruvate Kinase deficiency  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/54** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
 (87) WO2019/079338  
 (31) 62/573,037 (32) 16.10.17 (33) US  
 (43) 25.04.2019  
 (72) SEGOVIA, Jose C.; GOMEZ, Maria G.; NAVARRO, Susana; MEZA, Nestor; BUEREN, Juan; BRAVO, Maria G.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ceva Sante Animale; UNION therapeutics A/S  
 (11) AU-A-2018334025  
 (21) 2018334025 (22) 14.09.2018  
 (54) Antimicrobial composition  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )
- 
- A61K 31/609** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
 (87) WO2019/053180  
 (31) 17191465.8 (32) 15.09.17 (33) EP  
 17192055.6 20.09.17 EP  
 (43) 21.03.2019  
 (72) GUYONNET, Jérôme; ZEMIRILINE, Claudine; BUTTY, Pascal  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.  
 (11) AU-A-2018337153  
 (21) 2018337153 (22) 21.09.2018  
 (54) Crystalline sulfamide compound  
 (51) Int. Cl.  
**C07D 275/02** ( 2006.01 )  
**A61K 31/425** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2019/057142  
 (31) 201710863924.8 (32) 22.09.17 (33) CN  
 (43) 28.03.2019  
 (72) ZHANG, Xiquan; XU, Wenwei; LI, Mingming; KONG, Minmin; WU, Shufeng; ZHANG, Aiming  
 (74) Madderns Pty Ltd
- 
- (71) Citrix Systems, Inc.  
 (11) AU-A-2018370018  
 (21) 2018370018 (22) 15.11.2018  
 (54) Systems and methods for providing a visible watermark in a remote session  
 (51) Int. Cl.  
**G06T 1/00** ( 2006.01 )  
**G06F 3/14** ( 2006.01 )  
 (87) WO2019/099714  
 (31) 15/817,832 (32) 20.11.17 (33) US  
 (43) 23.05.2019  
 (72) DAWOOD, Muhammad, Afzal  
 (74) AJ PARK
- 
- (71) Clariant International Ltd  
 (11) AU-A-2018348303  
 (21) 2018348303 (22) 09.10.2018  
 (54) Active ingredient compositions comprising N-alkenoyl-N-alkylglucamides and the use thereof  
 (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/06** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/707** ( 2006.01 )  
**A01N 43/82** ( 2006.01 )  
**A01N 43/88** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )  
 (87) WO2019/072804  
 (31) 15/782,560 (32) 12.10.17 (33) US  
 (43) 18.04.2019  
 (72) BAUR, Peter; BAUER, Martin  
 (74) Spruson & Ferguson

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

- 
- (71) Clinical Genomics Pty Ltd  
 (11) AU-A-2018333844  
 (21) 2018333844 (22) 14.09.2018  
 (54) Method for methylation analysis  
 (51) Int. Cl.  
*C12Q 1/6858* (2018.01)  
*C12Q 1/686* (2018.01)  
*C12Q 1/6886* (2018.01)  
 (87) WO2019/051554  
 (31) 2017903772 (32) 15.09.17 (33) AU  
 (43) 21.03.2019  
 (72) PEDERSEN, Susanne Kartin; BOULTER, Nicola Rosalind  
 (74) FB Rice Pty Ltd
- 
- (71) Clown Fish Shanghai Industrial Co., Ltd.  
 (11) AU-A-2018320552  
 (21) 2018320552 (22) 17.08.2018  
 (54) Bottle cap capable of being opened by one press  
 (51) Int. Cl.  
*B65D 41/16* (2006.01)  
 (87) WO2019/037663  
 (31) 201710720300.0 (32) 21.08.17 (33) CN  
 (43) 28.02.2019  
 (72) LI, Yuejun  
 (74) Shelston IP Pty Ltd.
- 
- (71) Co2I Limited  
 (11) AU-A-2018326672  
 (21) 2018326672 (22) 30.08.2018  
 (54) Environmental control system  
 (51) Int. Cl.  
*A01G 9/22* (2006.01)  
*A01G 9/14* (2006.01)  
*E04H 15/64* (2006.01)  
 (87) WO2019/043393  
 (31) 1713931.2 (32) 31.08.17 (33) GB  
 (43) 07.03.2019  
 (72) CAWLEY, Brendan  
 (74) FB Rice Pty Ltd
- 
- (71) Colgate-Palmolive Company  
 (11) AU-A-2018348119  
 (21) 2018348119 (22) 10.10.2018  
 (54) Spectroscopic system and method therefor  
 (51) Int. Cl.  
*G01J 3/02* (2006.01)  
*A61B 5/00* (2006.01)  
*G01J 3/06* (2006.01)  
*G01J 3/08* (2006.01)  
*G01J 3/10* (2006.01)  
*G01J 3/18* (2006.01)  
*G01J 3/32* (2006.01)  
*G01J 3/36* (2006.01)  
*G01N 21/17* (2006.01)  
 (87) WO2019/075005  
 (31) 15/728,553 (32) 10.10.17 (33) US  
 (43) 18.04.2019  
 (72) PERU, Deborah Ann; SUBHASH, Hreshesh Molly  
 (74) Shelston IP Pty Ltd.
- 
- (71) CommScope Technologies LLC  
 (11) AU-A-2018368801  
 (21) 2018368801 (22) 20.11.2018  
 (54) Interconnecting modular components to form remote unit for use within distributed antenna system  
 (51) Int. Cl.  
*H04B 7/26* (2006.01)  
*H04B 10/2575* (2013.01)  
*H04Q 1/18* (2006.01)  
 (87) WO2019/100073  
 (31) 62/588,844 (32) 20.11.17 (33) US  
 (43) 23.05.2019  
 (72) STEFANIK, Joerg; BERNDORFER, Joachim; FACKLER, Karl-Heinz  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Compact Carbon Capture AS  
 (11) AU-A-2018335954  
 (21) 2018335954 (22) 21.09.2018  
 (54) Gas capture system  
 (51) Int. Cl.  
*B01D 53/14* (2006.01)  
*B01D 53/18* (2006.01)  
*C10L 3/10* (2006.01)  
*F28F 25/04* (2006.01)  
 (87) WO2019/057932  
 (31) 1715374.3 (32) 22.09.17 (33) GB  
 (43) 28.03.2019  
 (72) STRAND, Asbjørn; EIMER, Dag A; VIK, Arild; TORVANGER, Øyvind; YING, Jiru  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Compagnie Generale des Etablissements Michelin  
 (11) AU-A-2018342610  
 (21) 2018342610 (22) 01.10.2018  
 (54) Aerodynamic mud flap  
 (51) Int. Cl.  
*B62D 25/18* (2006.01)  
 (87) WO2019/068089  
 (31) PCT/US2017/054514 (32) 29.09.17 (33) US  
 (43) 04.04.2019  
 (72) MORGAN, Justin; BAXTER, Parker; PAN, Chinglin; BRADLEY, Calvin Rhett; MCPILLAN, Charles Andrew  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Connect LNG AS  
 (11) AU-A-2018330635  
 (21) 2018330635 (22) 06.09.2018  
 (54) A process system and a fluid transfer system comprising such a process system  
 (51) Int. Cl.  
*B63B 27/24* (2006.01)  
*F17C 7/00* (2006.01)  
 (87) WO2019/048543  
 (31) 20171442 (32) 06.09.17 (33) NO  
 (43) 14.03.2019  
 (72) EIKENS, Magnus; HOLLAND, John Randolph; MAGNUSSON, Stian Tunestveit; DANIELSEN, Bjørnar  
 (74) Griffith Hack
- 
- (71) Consolidated Metco, Inc.  
 (11) AU-A-2018338210  
 (21) 2018338210 (22) 21.09.2018  
 (54) Wheel hub  
 (51) Int. Cl.  
*B60C 23/04* (2006.01)  
 (87) WO2019/060728  
 (31) 62/562,094 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) CARR, Alan  
 (74) Murray Trento & Associates Pty Ltd
- 
- (71) Coöperatie AVEBE U.A.  
 (11) AU-A-2018361851  
 (21) 2018361851 (22) 31.10.2018  
 (54) Potato protein based fibrous structures and food items comprising the same  
 (51) Int. Cl.  
*A23J 3/22* (2006.01)  
*A23J 1/00* (2006.01)  
*A23J 1/16* (2006.01)  
*A23J 3/14* (2006.01)  
*A23J 3/28* (2006.01)  
*A23L 29/262* (2016.01)  
 (87) WO2019/088834  
 (31) 17199381.9 (32) 31.10.17 (33) EP  
 (43) 09.05.2019  
 (72) ZHU, Sicong; PHAN, Vân, Anh; LAUS, Marc, Christiaan  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Corn Products Development, Inc.; Ingredient on Singapore Pte. Ltd.  
 (11) AU-A-2018334515  
 (21) 2018334515 (22) 11.09.2018  
 (54) Thermally inhibited waxy cassava starch  
 (51) Int. Cl.  
*A23C 9/137* (2006.01)  
*A23D 7/005* (2006.01)  
*A23L 2/52* (2006.01)  
*A23L 9/10* (2016.01)  
*A23L 23/00* (2016.01)  
*A23L 29/212* (2016.01)  
*C08B 30/12* (2006.01)  
*C08B 30/14* (2006.01)  
 (87) WO2019/055381  
 (31) 62/557,584 (32) 12.09.17 (33) US  
 (43) 21.03.2019  
 (72) HANCHETT, Douglas; SHAH, Tarak; GARRISON, John; JEGEDE, Oyelayo; CLUNE, Hanna; JERNIGAN, Lynette; KOR, Bee Tin; THNG, Suh Fang  
 (74) Spruson & Ferguson
- 
- (71) CRRC Ziyang Co., Ltd  
 (11) AU-A-2018421457  
 (21) 2018421457 (22) 01.11.2018  
 (54) Locomotive-mounted power battery pack fire safety control system and method  
 (51) Int. Cl.  
*B60L 58/10* (2019.01)  
 (31) 201811105970.2 (32) 21.09.18 (33) CN  
 (43) 09.04.2020  
 (72) Meng, YuFa; Ye, DingKang; Wang, PingHua  
 (74) Madderns Pty Ltd
- 
- (71) CSL Behring GmbH  
 (11) AU-A-2018321131  
 (21) 2018321131 (22) 23.08.2018

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

- (54) Method for virus filtration of von Willebrand Factor
- (51) Int. Cl.  
**A61L 2/00** ( 2006.01 )  
**C07K 14/755** ( 2006.01 )
- (87) WO2019/038350  
(31) 17187436.5 (32) 23.08.17 (33) EP  
(43) 28.02.2019  
(72) NOWAK, Thomas; LIND, Holger  
(74) FB Rice Pty Ltd
- 
- (71) Db Patents Ltd  
(11) AU-A-2018319566  
(21) 2018319566 (22) 22.08.2018  
(54) Method for tanning an animal skin with dialdehydes
- (51) Int. Cl.  
**C14C 3/16** ( 2006.01 )  
**C14C 3/28** ( 2006.01 )
- (87) WO2019/038691  
(31) 102017000095318 (32) 23.08.17 (33) IT  
(43) 28.02.2019  
(72) COLOMER DURAN, Ramon  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Denali Therapeutics Inc.  
(11) AU-A-2018345303  
(21) 2018345303 (22) 01.10.2018  
(54) Fusion proteins comprising enzyme replacement therapy enzymes
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 47/64** ( 2017.01 )  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )
- (87) WO2019/070577  
(31) 62/583,276 (32) 08.11.17 (33) US  
62/626,365 05.02.18 US  
62/678,183 30.05.18 US  
62/721,396 22.08.18 US  
62/566,898 02.10.17 US  
(43) 11.04.2019  
(72) ASTARITA, Giuseppe; DENNIS, Mark S.; GETZ, Jennifer A.; HENRY, Anastasia; KARIOLIS, Mihalis; MAHON, Cathal; SILVERMAN, Adam P.; SRIVASTAVA, Ankita; ULLMAN, Julie; WANG, Junhua; ZUCHERO, Joy Yu  
(74) Spruson & Ferguson
- 
- (71) Desertfoods International GmbH  
(11) AU-A-2018335227  
(21) 2018335227 (22) 20.09.2018  
(54) Decoupled multi-trophic production facility with bio reactor unit
- (51) Int. Cl.  
**A01G 31/02** ( 2006.01 )  
**A01K 61/10** ( 2017.01 )  
**A01K 63/04** ( 2006.01 )
- (87) WO2019/057812  
(31) 10 2017 121 990.0 (32) 22.09.17 (33) DE  
10 2017 121 995.1 22.09.17 DE  
10 2017 122 005.4 22.09.17 DE  
(43) 28.03.2019  
(72) GODDEK, Simon; DELAIDE, Boris  
(74) Dark IP
- 
- (71) Desertfoods International GmbH  
(11) AU-A-2018335233  
(21) 2018335233 (22) 20.09.2018  
(54) Decoupled multi-trophic production facility with distillation unit
- (51) Int. Cl.  
**A01G 31/02** ( 2006.01 )  
**A01K 61/10** ( 2017.01 )  
**A01K 63/04** ( 2006.01 )
- (87) WO2019/057824  
(31) 10 2017 121 995.1 (32) 22.09.17 (33) DE  
10 2017 122 005.4 22.09.17 DE  
10 2017 121 990.0 22.09.17 DE  
(43) 28.03.2019  
(72) GODDEK, Simon; DELAIDE, Boris  
(74) Dark IP
- 
- (71) Dicerna Pharmaceuticals, Inc.  
(11) AU-A-2018350983  
(21) 2018350983 (22) 17.10.2018  
(54) Beta catenin nucleic acid inhibitor molecule
- (51) Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )
- (87) WO2019/079472  
(31) 62/573,999 (32) 18.10.17 (33) US  
(43) 25.04.2019  
(72) GANESH, Shanthi  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) DIC Graphics Corporation  
(11) AU-A-2018344119  
(21) 2018344119 (22) 25.09.2018  
(54) Electron beam-curable water-based flexo ink for surface printing and boilable retort pouch using same
- (51) Int. Cl.  
**C09D 11/101** ( 2014.01 )  
**B32B 27/00** ( 2006.01 )  
**B65D 33/00** ( 2006.01 )  
**C09D 11/102** ( 2014.01 )
- (87) WO2019/069736  
(31) 2017-192646 (32) 02.10.17 (33) JP  
(43) 11.04.2019  
(72) HARUYAMA, Tsutomu; ITOU, Shigeki; SAWATARI, Nobuo; ISHIBASHI, Toshinori  
(74) FB Rice Pty Ltd
- 
- (71) Dlip Limited  
(11) AU-A-2018334993  
(21) 2018334993 (22) 18.09.2018  
(54) Improvements in and relating to transportation
- (51) Int. Cl.  
**B65D 85/68** ( 2006.01 )  
**B25H 1/00** ( 2006.01 )  
**B62J 23/00** ( 2006.01 )
- (87) WO2019/059781  
(31) 735635 (32) 19.09.17 (33) NZ  
(43) 28.03.2019  
(72) LIM, David Tien Ang; ROGERS, Jason Paul; BREWSTER, Graham  
(74) James & Wells Intellectual Property
- 
- (71) Dorf Ketal Chemicals FZE  
(11) AU-A-2018369825  
(21) 2018369825 (22) 05.11.2018  
(54) Fuel additive compositions, and method of use thereof
- (51) Int. Cl.  
**C10L 10/04** ( 2006.01 )  
**C10L 1/18** ( 2006.01 )  
**C10L 1/182** ( 2006.01 )  
**C10L 1/185** ( 2006.01 )  
**C10L 10/06** ( 2006.01 )
- (87) WO2019/097353  
(31) 201721041306 (32) 17.11.17 (33) IN  
(43) 23.05.2019  
(72) SUBRAMANIYAM, Mahesh  
(74) FB Rice Pty Ltd
- 
- (71) Dr. Falk Pharma GmbH  
(11) AU-A-2018343995  
(21) 2018343995 (22) 28.09.2018  
(54) Use of Nor-Ursodeoxycholic acid for reducing liver fat
- (51) Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )
- (87) WO2019/063790  
(31) 17193777.4 (32) 28.09.17 (33) EP  
(43) 04.04.2019  
(72) PRÖLS, Markus; GREINWALD, Roland; TRAUNER, Michael; FICKERT, Peter  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Dragages Singapore Pte Ltd  
(11) AU-A-2018327943  
(21) 2018327943 (22) 30.08.2018  
(54) A method for constructing a building
- (51) Int. Cl.  
**E04B 2/10** ( 2006.01 )  
**E04B 1/348** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
**E04H 1/12** ( 2006.01 )
- (87) WO2019/050475  
(31) 10201707313X (32) 08.09.17 (33) SG  
(43) 14.03.2019  
(72) SAMANOS, Jerome Olivier Marie  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Duracell U.S. Operations, Inc.  
(11) AU-A-2018346986  
(21) 2018346986 (22) 15.10.2018  
(54) Battery package
- (51) Int. Cl.  
**B65D 77/04** ( 2006.01 )  
**B65D 75/32** ( 2006.01 )  
**B65D 75/52** ( 2006.01 )  
**B65D 5/38** ( 2006.01 )
- (87) WO2019/075458  
(31) 15/784,018 (32) 13.10.17 (33) US  
(43) 18.04.2019  
(72) STEWART, Scott; CERONE, Joseph; SHOVA, Bryan; LIN, Kelly; DENHMAN, Jacqueline  
(74) Phillips Ormonde Fitzpatrick

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

- (71) DYWIDAG-Systems International Pty Limited  
 (11) AU-A-2018329868  
 (21) 2018329868 (22) 07.09.2018  
 (54) Encapsulation system and method of installing a rock bolt  
 (51) Int. Cl.  
**E21D 20/02** (2006.01)  
 (87) WO2019/046883  
 (31) 2017903643 (32) 08.09.17 (33) AU  
 (43) 14.03.2019  
 (72) EVANS, David William; HIRD, Derek Colin  
 (74) Spruson & Ferguson
- 
- (71) EchoNous, Inc.  
 (11) AU-A-2018345785  
 (21) 2018345785 (22) 02.10.2018  
 (54) System and method for fusing ultrasound with additional signals  
 (51) Int. Cl.  
**A61B 8/08** (2006.01)  
**A61B 5/0402** (2006.01)  
 (87) WO2019/070754  
 (31) 62/568,709 (32) 05.10.17 (33) US  
 15/969,632 02.05.18 US  
 (43) 11.04.2019  
 (72) PAGOULATOS, Nikolaos; PAILOOR, Ramachandra; NIEMINEN, Greg; DOHERTY, Terry; BROAD, Ron; BRUNKE, Shelby  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Ecolab USA Inc.  
 (11) AU-A-2018339457  
 (21) 2018339457 (22) 25.09.2018  
 (54) Methods and compositions for bauxite beneficiation  
 (51) Int. Cl.  
**C01F 7/06** (2006.01)  
**B03D 1/14** (2006.01)  
**C22B 1/00** (2006.01)  
**C22B 21/00** (2006.01)  
 (87) WO2019/067433  
 (31) 62/735,543 (32) 24.09.18 (33) US  
 62/563,328 26.09.17 US  
 (43) 04.04.2019  
 (72) LAROSA, Michael Ignazio; GREULICH, Christopher Ryan; STROMINGER, Michael G.  
 (74) Shelston IP Pty Ltd.
- 
- (71) Electrolux Appliances Aktiebolag  
 (11) AU-A-2017437703  
 (21) 2017437703 (22) 31.10.2017  
 (54) Fan-shaped spray detergent nozzle  
 (51) Int. Cl.  
**A47L 15/23** (2006.01)  
**A47L 15/50** (2006.01)  
 (87) WO2019/086105  
 (43) 09.05.2019  
 (72) HAEGERMARCK, Anders; HAKKARAINEN, Marie; MONOKROUSOS, Antonios  
 (74) Halfords IP
- 
- (71) Electrolux Appliances Aktiebolag  
 (11) AU-A-2018366936  
 (21) 2018366936 (22) 06.11.2018  
 (54) Household appliance comprising a liquid tank  
 (51) Int. Cl.  
**F24C 15/32** (2006.01)  
 (87) WO2019/096632  
 (31) 17202380.6 (32) 17.11.17 (33) EP  
 (43) 23.05.2019  
 (72) CARNEVALI, Marco; GUIDA, Nicola; FARALDI, Paolo; DELL'OLIO, Alberto  
 (74) Halfords IP
- 
- (71) Elesta S.p.A.  
 (11) AU-A-2018333123  
 (21) 2018333123 (22) 12.09.2018  
 (54) Device and method for needle sonographic guidance in minimally invasive procedures  
 (51) Int. Cl.  
**A61B 8/08** (2006.01)  
**A61B 8/00** (2006.01)  
**A61B 17/34** (2006.01)  
 (87) WO2019/053614  
 (31) 102017000103535 (32) 15.09.17 (33) IT  
 (43) 21.03.2019  
 (72) MASOTTI, Leonardo; BRESCHI, Luca  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Eltek S.p.A.  
 (11) AU-A-2018346819  
 (21) 2018346819 (22) 27.09.2018  
 (54) Safety device against leaks of liquid for liquid-conducting household appliances  
 (51) Int. Cl.  
**D06F 39/08** (2006.01)  
**A47L 15/42** (2006.01)  
 (87) WO2019/069185  
 (31) 102017000112670 (32) 06.10.17 (33) IT  
 (43) 11.04.2019  
 (72) SAVINI, Paolo; CERRUTI, Daniele  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Eltek S.p.A.  
 (11) AU-A-2018346820  
 (21) 2018346820 (22) 27.09.2018  
 (54) Hydraulic control device for liquid-conducting appliances and systems  
 (51) Int. Cl.  
**D06F 39/08** (2006.01)  
**A47L 15/42** (2006.01)  
**G01M 3/26** (2006.01)  
 (87) WO2019/069186  
 (31) 102017000112681 (32) 06.10.17 (33) IT  
 (43) 11.04.2019  
 (72) SAVINI, Paolo; CERRUTI, Daniele  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Eltek S.p.A.  
 (11) AU-A-2018346821  
 (21) 2018346821 (22) 27.09.2018  
 (54) Hydraulic control device for liquid-conducting household appliances and systems  
 (51) Int. Cl.  
**D06F 39/08** (2006.01)  
**A47L 15/42** (2006.01)  
**G01M 3/26** (2006.01)
- 
- (71) Emory University  
 (11) AU-A-2018345850  
 (21) 2018345850 (22) 08.10.2018  
 (54) Methods and systems for determining hemodynamic information for one or more arterial segments  
 (51) Int. Cl.  
**A61B 6/03** (2006.01)  
**A61B 34/10** (2016.01)  
**G06K 9/46** (2006.01)  
**G06T 7/00** (2017.01)  
 (87) WO2019/071249  
 (31) 62/569,269 (32) 06.10.17 (33) US  
 (43) 11.04.2019  
 (72) SAMADY, Habib; VENEZIANI, Alessandro; GIDDENS, Don; MOLONY, David; LEFIEUX, Adrien; VIGUERIE, Alexander Fuller  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Engineered Corrosion Solutions, LLC  
 (11) AU-A-2018336895  
 (21) 2018336895 (22) 20.09.2018  
 (54) Controllable air maintenance devices for fire protection systems  
 (51) Int. Cl.  
**A62C 37/38** (2006.01)  
**A62C 35/68** (2006.01)  
**F16L 55/10** (2006.01)  
**F17D 1/02** (2006.01)  
 (87) WO2019/060514  
 (31) 62/562,013 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) HILTON, Adam H.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Eni S.p.A.  
 (11) AU-A-2018335602  
 (21) 2018335602 (22) 21.09.2018  
 (54) A monitoring and mapping system of the space-time distribution of formation fluids in a reservoir and a completion and production plant of a well for the extraction of formation fluids  
 (51) Int. Cl.  
**E21B 47/01** (2012.01)  
**E21B 47/10** (2012.01)  
**G01V 3/26** (2006.01)  
 (87) WO2019/058322  
 (31) 102017000106233 (32) 22.09.17 (33) IT  
 (43) 28.03.2019  
 (72) DELL'AVERSANA, Paolo; BOTTAZZI, Franco; MOLASCHI, Claudio; CARNIANI, Carlo; GALLINO, Germana; SERVODIO, Raffaele  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Enlighted, Inc.  
 (11) AU-A-2018345524  
 (21) 2018345524 (22) 27.09.2018

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

- (54) Mobile tag sensing and location estimation  
(51) Int. Cl.  
*H04W 4/02* ( 2008.01 )  
*G01C 21/20* ( 2006.01 )
- (87) WO2019/070493  
(31) 62/568,032 (32) 04.10.17 (33) US  
15/953,466 15.04.18 US  
(43) 11.04.2019  
(72) KEAL, William Kerry; MOHAN, Tanuj;  
GORDON, Gaile  
(74) Spruson & Ferguson
- 
- (71) Ensco International Incorporated  
(11) AU-A-2018332896  
(21) 2018332896 (22) 13.09.2018  
(54) Tool joint positioning  
(51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
*E21B 15/02* ( 2006.01 )  
*E21B 19/00* ( 2006.01 )
- (87) WO2019/055606  
(31) 16/129,153 (32) 12.09.18 (33) US  
62/558,758 14.09.17 US  
(43) 21.03.2019  
(72) KNOWLTON, John Stokes  
(74) Spruson & Ferguson
- 
- (71) Essity Hygiene and Health Aktiebolag  
(11) AU-A-2017431371  
(21) 2017431371 (22) 14.09.2017  
(54) Bundle comprising a tied stack of folded  
paper sheets  
(51) Int. Cl.  
*A47K 10/42* ( 2006.01 )  
*B65D 75/02* ( 2006.01 )  
*B65D 83/08* ( 2006.01 )
- (87) WO2019/052646  
(43) 21.03.2019  
(72) HUTKER, Evan Alton; ACKERMANN,  
Corwin James  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Essity Hygiene and Health Aktiebolag  
(11) AU-A-2017443609  
(21) 2017443609 (22) 21.12.2017  
(54) Absorbent article with reduced sagging  
(51) Int. Cl.  
*A61F 13/532* ( 2006.01 )  
*A61F 13/49* ( 2006.01 )  
*A61F 13/535* ( 2006.01 )  
*A61F 13/539* ( 2006.01 )
- (87) WO2019/125228  
(43) 27.06.2019  
(72) SILLERSTRÖM, Filip; CORNELIUSSON,  
Helena; HERMANSSON, Therese  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Essity Hygiene and Health Aktiebolag  
(11) AU-A-2017443955  
(21) 2017443955 (22) 21.12.2017  
(54) Absorbent article with reduced sagging and  
method for manufacturing the absorbent  
article  
(51) Int. Cl.  
*A61F 13/532* ( 2006.01 )  
*A61F 13/49* ( 2006.01 )  
*A61F 13/535* ( 2006.01 )
- (43) 27.06.2019  
(72) SILLERSTRÖM, Filip; CORNELIUSSON,  
Helena; GUIDOTTI, Edward  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) ETH Zurich; Commonwealth Scientific and  
Industrial Research Organisation  
(11) AU-A-2018326401  
(21) 2018326401 (22) 03.09.2018  
(54) Method and system for use in performing  
localisation  
(51) Int. Cl.  
*G01S 17/88* ( 2006.01 )
- (87) WO2019/040997  
(31) 2017903569 (32) 04.09.17 (33) AU  
(43) 07.03.2019  
(72) COP, Konrad; BORGES, Paulo; DUN-  
GAVELL, Ross; DUBÉ, Renaud  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Euphoria Beer Development Ltd  
(11) AU-A-2018320201  
(21) 2018320201 (22) 22.08.2018  
(54) Enriched alcoholic beverages  
(51) Int. Cl.  
*C12C 5/02* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/137* ( 2006.01 )  
*A61K 31/197* ( 2006.01 )
- (87) WO2019/038687  
(31) 62/548,924 (32) 22.08.17 (33) US  
(43) 28.02.2019  
(72) HAKIM, Daniel  
(74) Collison & Co
- 
- (71) Evapco, Inc.  
(11) AU-A-2018336812  
(21) 2018336812 (22) 19.09.2018  
(54) Air-cooled heat transfer device with integ-  
rated and mechanized air pre-cool system  
(51) Int. Cl.  
*F28C 1/14* ( 2006.01 )
- (87) WO2019/060463  
(31) 16/136,134 (32) 19.09.18 (33) US  
62/560,294 19.09.17 US  
(43) 28.03.2019  
(72) BYRNE, Tom  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Evonik Operations GmbH  
(11) AU-A-2018321107  
(21) 2018321107 (22) 20.08.2018  
(54) PEI particle foams for applications in avi-  
ation interiors  
(51) Int. Cl.  
*C08J 9/16* ( 2006.01 )  
*C08J 9/04* ( 2006.01 )  
*C08J 9/18* ( 2006.01 )  
*C08J 9/232* ( 2006.01 )
- (87) WO2019/038213  
(31) 17187663.4 (32) 24.08.17 (33) EP  
(43) 28.02.2019  
(72) TRASSL, Christian; HOLLEYN, Denis;  
BERNHARD, Kay  
(74) Baldwins Intellectual Property
- 
- (71) Excel Med, LLC; National Cheng Kung  
University  
(11) AU-A-2018324111  
(21) 2018324111 (22) 31.08.2018  
(54) Viscous composition for treating ischemia  
(51) Int. Cl.  
*C07D 215/46* ( 2006.01 )  
*A61K 31/517* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (87) WO2019/046670  
(31) 62/553,269 (32) 01.09.17 (33) US  
(43) 07.03.2019  
(72) HUANG, Lynn L.H.  
(74) Eagar & Associates Pty Ltd
- 
- (71) Excel Med, LLC; National Cheng Kung  
University  
(11) AU-A-2018330051  
(21) 2018330051 (22) 05.09.2018  
(54) Heparin composition for treating ischemia  
(51) Int. Cl.  
*A61K 38/27* ( 2006.01 )  
*A61K 9/50* ( 2006.01 )
- (87) WO2019/050893  
(31) 62/554,101 (32) 05.09.17 (33) US  
(43) 14.03.2019  
(72) HUANG, Lynn L.H.  
(74) Eagar & Associates Pty Ltd
- 
- (71) Exxonmobil Upstream Research Company  
(11) AU-A-2018347465  
(21) 2018347465 (22) 24.09.2018  
(54) Method and system for performing commu-  
nications using aliasing  
(51) Int. Cl.  
*H04B 11/00* ( 2006.01 )  
*E21B 47/14* ( 2006.01 )
- (87) WO2019/074656  
(31) 62/572,142 (32) 13.10.17 (33) US  
(43) 18.04.2019  
(72) LIMIN, Song; CLAWSON, Scott W.;  
ZHANG, Yibing; WALKER, Katie M.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Exxonmobil Upstream Research Company  
(11) AU-A-2018347875  
(21) 2018347875 (22) 24.09.2018  
(54) Vertical seismic profiling  
(51) Int. Cl.  
*H04B 11/00* ( 2006.01 )  
*E21B 47/14* ( 2006.01 )  
*H04B 13/00* ( 2006.01 )
- (87) WO2019/074653  
(31) 62/572,211 (32) 13.10.17 (33) US  
62/587,534 17.11.17 US  
(43) 18.04.2019  
(72) YI, Xiaohua; VELAMUR ASOKAN, Bad-  
rinarayanan; OLOFSSON, Bjorn J.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) ExxonMobil Upstream Research Company  
(11) AU-A-2018347466  
(21) 2018347466 (22) 24.09.2018  
(54) Method and system for performing opera-  
tions using communications

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

- (51) Int. Cl.  
**H04B 3/46** ( 2015.01 )  
**E21B 47/16** ( 2006.01 )  
**H04L 12/26** ( 2006.01 )
- (87) WO2019/074657  
(31) 62/572,146 (32) 13.10.17 (33) US  
(43) 18.04.2019  
(72) ZHANG, Yibing; WOLF, H. Alan; SONG, Limin; CLAWSON, Scott W.; WALKER, Katie M.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) ExxonMobil Upstream Research Company  
(11) AU-A-2018347467  
(21) 2018347467 (22) 24.09.2018  
(54) Method and system for performing operations with communications
- (51) Int. Cl.  
**H04B 11/00** ( 2006.01 )  
**E21B 47/12** ( 2012.01 )  
**H04L 12/70** ( 2013.01 )
- (87) WO2019/074658  
(31) 62/572,147 (32) 13.10.17 (33) US  
(43) 18.04.2019  
(72) DISKO, Mark M.; WALKER, Katie M.; CLAWSON, Scott W.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) ExxonMobil Upstream Research Company  
(11) AU-A-2018347876  
(21) 2018347876 (22) 24.09.2018  
(54) Method and system for performing hydrocarbon operations with mixed communication networks
- (51) Int. Cl.  
**H04B 11/00** ( 2006.01 )  
**E21B 47/14** ( 2006.01 )  
**H04B 13/00** ( 2006.01 )
- (87) WO2019/074654  
(31) 62/572,211 (32) 13.10.17 (33) US  
(43) 18.04.2019  
(72) DISKO, Mark M.; YI, Xiaohua; CLAWSON, Scott W.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) ExxonMobil Upstream Research Company  
(11) AU-A-2018367388  
(21) 2018367388 (22) 30.10.2018  
(54) Method and system for performing wireless ultrasonic communications along tubular members
- (51) Int. Cl.  
**E21B 47/14** ( 2006.01 )
- (87) WO2019/099188  
(31) 62/588,080 (32) 17.11.17 (33) US  
(43) 23.05.2019  
(72) KINN, Timothy F.; YI, Xiaohua; CLAWSON, Scott William; DISKO, Mark M.; DESMOND, Kenneth W.; MOSS, Jeff H.  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) Eye Co Pty Ltd  
(11) AU-A-2019225388  
(21) 2019225388 (22) 26.02.2019
- (54) Composition and method of treatment for dry A.M.D. (age related macular degeneration)
- (51) Int. Cl.  
**A61K 31/573** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )
- (87) WO2019/161434  
(31) 2018900607 (32) 26.02.18 (33) AU  
(43) 29.08.2019  
(72) PENFOLD, Philip Leslie  
(74) Houlihan? Pty Ltd
- 
- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2018344402  
(21) 2018344402 (22) 01.10.2018  
(54) New treatment of SMA
- (51) Int. Cl.  
**A61K 31/5025** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )
- (87) WO2019/068604  
(31) 17194520.7 (32) 03.10.17 (33) EP  
(43) 11.04.2019  
(72) PFEFEN, Jean-Paul; KLETZL, Heidemarie; MUELLER, Lutz  
(74) Spruson & Ferguson
- 
- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2018382966  
(21) 2018382966 (22) 13.12.2018  
(54) Use of a CEA CD3 bispecific antibody and a PD-1 axis binding antagonist in a dosage regime to treat cancer
- (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )
- (87) WO2019/115659  
(31) 17207423.9 (32) 14.12.17 (33) EP  
18160044.6 05.03.18 EP  
(43) 20.06.2019  
(72) BOUSEIDA, Said; SANDOVAL MORALES, Federico; SARO SUAREZ, Jose Maria  
(74) Griffith Hack
- 
- (71) Finicity Corporation  
(11) AU-A-2018320772  
(21) 2018320772 (22) 06.08.2018  
(54) Systems and methods for verification of income
- (51) Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**G06Q 40/02** ( 2012.01 )
- (87) WO2019/040264  
(31) 16/051,737 (32) 01.08.18 (33) US  
62/549,995 24.08.17 US  
(43) 28.02.2019  
(72) SMITH, Steven B.; THOMAS, Nicholas  
(74) Spruson & Ferguson
- 
- (71) Fixed Phage Limited  
(11) AU-A-2018338837  
(21) 2018338837 (22) 28.09.2018  
(54) Anti-bacterial packaging
- (51) Int. Cl.  
**A23L 3/3571** ( 2006.01 )  
**A23B 4/22** ( 2006.01 )  
**A23B 7/155** ( 2006.01 )
- (87) WO2019/063810  
(31) 17193898.8 (32) 28.09.17 (33) EP  
(43) 04.04.2019  
(72) CLARK, Jason Richard; MATTEY, Michael  
(74) Lord & Company
- 
- (71) Fournier, J.; Grey, V.  
(11) AU-A-2018345387  
(21) 2018345387 (22) 20.09.2018  
(54) Internet data usage control system
- (51) Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )
- (87) WO2019/070419  
(31) 62/589,334 (32) 21.11.17 (33) US  
60/560,714 20.09.17 US  
(43) 11.04.2019  
(72) FOURNIER, James; GREY, Victor  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Fresenius Medical Care Deutschland GmbH  
(11) AU-A-2018353366  
(21) 2018353366 (22) 15.10.2018  
(54) Circuit for connecting a protective conductor to at least two liquid-conveying lines and method for checking a protective conductor connection
- (51) Int. Cl.  
**A61M 1/14** ( 2006.01 )  
**A61M 1/16** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )
- (87) WO2019/076814  
(31) 10 2017 009 752.6 (32) 19.10.17 (33) DE  
(43) 25.04.2019  
(72) DANZ, Tim; SCHMITT, Thomas; BREITKOPF, Berthold; ASCHENBRENNER, Paul; SCHEURING, Oswald  
(74) Davies Collison Cave Pty Ltd
- 
- (71) FUJIFILM Diosynth Biotechnologies UK Limited  
(11) AU-A-2018346576  
(21) 2018346576 (22) 21.09.2018  
(54) Method for preparing aqueous solutions of a defined pH
- (51) Int. Cl.  
**G01N 30/34** ( 2006.01 )  
**B01D 15/16** ( 2006.01 )  
**B01J 47/15** ( 2017.01 )  
**G05D 21/02** ( 2006.01 )
- (87) WO2019/069046  
(31) 1716175.3 (32) 04.10.17 (33) GB  
(43) 11.04.2019  
(72) NAGY, Tibor  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Fulcrum Therapeutics, Inc.  
(11) AU-A-2018346712  
(21) 2018346712 (22) 05.10.2018

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

- (54) P38 kinase inhibitors reduce DUX4 and downstream gene expression for the treatment of FSHD
- (51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4418** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**G01N 33/15** ( 2006.01 )
- (87) WO2019/071147  
(31) 62/682,563 (32) 08.06.18 (33) US  
62/568,673 05.10.17 US  
62/568,754 05.10.17 US  
62/682,565 08.06.18 US  
(43) 11.04.2019  
(72) CACACE, Angela Marie; ROJAS SOTO, Luis Gustavo Alejandro; THOMPSON III, Lorin A.; WALLACE, Owen Brendan; RONCO, Lucienne V.; SHEN, Ning; ROBERTSON, Alan Scott; CHANG, Aaron Nakwon  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Furrer + Frey AG  
(11) AU-A-2019210092  
(21) 2019210092 (22) 15.01.2019  
(54) Surface leakage robust section insulator  
(51) Int. Cl.  
**B60M 1/18** ( 2006.01 )  
(87) WO2019/142098  
(31) 10 2018 100 893.7 (32) 16.01.18 (33) DE  
(43) 25.07.2019  
(72) WILI, Urs  
(74) MARTIN IP PTY LTD
- 
- (71) Gc Corporation  
(11) AU-A-2018331574  
(21) 2018331574 (22) 17.05.2018  
(54) Occlusal pressure analysis device, occlusal pressure analysis program, and occlusal pressure analysis method  
(51) Int. Cl.  
**A61C 19/05** ( 2006.01 )  
(87) WO2019/053949  
(31) 2017-176662 (32) 14.09.17 (33) JP  
(43) 21.03.2019  
(72) NOGUCHI, Yukie  
(74) Spruson & Ferguson
- 
- (71) GC Corporation  
(11) AU-A-2018345892  
(21) 2018345892 (22) 16.08.2018  
(54) Dental glass powder and dental cement  
(51) Int. Cl.  
**A61K 6/831** ( 2020.01 )  
(87) WO2019/069564  
(31) 2017-192518 (32) 02.10.17 (33) JP  
(43) 11.04.2019  
(72) YOSHIMITSU, Ryosuke; HOSHINO, Tomohiro; NAKAYAMA, Mizuki  
(74) Spruson & Ferguson
- 
- (71) Geobruugg AG  
(11) AU-A-2018350279  
(21) 2018350279 (22) 28.09.2018  
(54) Safety net  
(51) Int. Cl.  
**E01F 7/04** ( 2006.01 )  
(87) WO2019/072586  
(31) 10 2017 123 816.6 (32) 12.10.17 (33) DE  
(43) 18.04.2019  
(72) SENNHAUSER, Marcel  
(74) Spruson & Ferguson
- 
- (71) GEOLYTH Mineral Technologie GmbH  
(11) AU-A-2018344150  
(21) 2018344150 (22) 04.10.2018  
(54) Method for producing thermal barrier blocks  
(51) Int. Cl.  
**E04C 1/41** ( 2006.01 )  
**E04B 2/02** ( 2006.01 )  
(87) WO2019/068124  
(31) A50860/2017 (32) 06.10.17 (33) AT  
(43) 11.04.2019  
(72) ENZENHOFER, Karl  
(74) Denneweyer & Associates
- 
- (71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited  
(11) AU-A-2018335224  
(21) 2018335224 (22) 20.09.2018  
(54) Novel composition  
(51) Int. Cl.  
**A61K 8/19** ( 2006.01 )  
**A61K 8/42** ( 2006.01 )  
**A61K 8/46** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
(87) WO2019/057809  
(31) 1715400.6 (32) 22.09.17 (33) GB  
(43) 28.03.2019  
(72) HIPPALGOANKAR, Kanchan; PRIME, Constance Anne Marie  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Graco Minnesota Inc.  
(11) AU-A-2018347358  
(21) 2018347358 (22) 10.10.2018  
(54) Fluid dispensing meter authorization  
(51) Int. Cl.  
**B67D 7/04** ( 2010.01 )  
**B67D 7/14** ( 2010.01 )  
**G07C 9/00** ( 2006.01 )  
(87) WO2019/075082  
(31) 62/570,141 (32) 10.10.17 (33) US  
62/689,606 25.06.18 US  
(43) 18.04.2019  
(72) KAHLER, Bradley G.; BAUCK, Mark L.; HOLMSTADT, Joshua R.; HIGHLAND, Glenn E.; PAAR, Benjamin J.; IGO, Chad G.  
(74) Spruson & Ferguson
- 
- (71) Graves, S.; Stenos, J.; Graves, M.; Toman, R.; Carbis, R.; The Crown in right of the State of New South Wales acting through the Department of Primary Industries as an office of the Department of Industry  
(11) AU-A-2018359019  
(21) 2018359019 (22) 06.11.2018  
(54) Vaccine  
(51) Int. Cl.  
**A61K 39/02** ( 2006.01 )  
(87) WO2019/084632  
(31) 2017904499 (32) 06.11.17 (33) AU  
(43) 09.05.2019  
(72) GRAVES, Stephen Roger; STENOS, John; GRAVES, Moira Cecelia; TOMAN, Rudolf; CARBIS, Rodney  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Gritstone Oncology, Inc.  
(11) AU-A-2018318303  
(21) 2018318303 (22) 17.08.2018  
(54) Antigen-binding proteins targeting shared antigens  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
(87) WO2019/036688  
(31) 62/581,368 (32) 03.11.17 (33) US  
62/547,146 18.08.17 US  
(43) 21.02.2019  
(72) JOOSS, Karin; BLAIR, Wade; BULLIK-SULLIVAN, Brendan; BUSBY, Jennifer; BUSBY, Michele Anne; SKOBERNE, Mojca; YELENSKY, Roman; FRANCIS, Joshua Michael; GRO-TENBREG, Gijsbert Marnix  
(74) FB Rice Pty Ltd
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
(11) AU-A-2017433231  
(21) 2017433231 (22) 30.09.2017  
(54) Method for calculating channel quality indicator (CQI), terminal device, and network device  
(51) Int. Cl.  
**H04L 1/00** ( 2006.01 )  
(87) WO2019/061494  
(43) 04.04.2019  
(72) SHI, Zhihua; CHEN, Wenhong; ZHANG, Zhi  
(74) Davies Collison Cave Pty Ltd
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
(11) AU-A-2018417516  
(21) 2018417516 (22) 04.04.2018  
(54) Method for transmitting information, terminal device and network device  
(51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
**H04W 88/08** ( 2009.01 )  
(87) WO2019/191982  
(43) 10.10.2019  
(72) LIN, Yanan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Guardant Health, Inc.  
(11) AU-A-2018335405

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

- (21) 2018335405 (22) 20.09.2018  
 (54) Methods and systems for differentiating somatic and germline variants  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
 (87) WO2019/060640  
 (31) 62/561,048 (32) 20.09.17 (33) US  
 (43) 28.03.2019  
 (72) NANCE, Tracy; HELMAN, Elena; CHUDOVA, Darya  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Half Moon Medical, Inc.  
 (11) AU-A-2018324358  
 (21) 2018324358 (22) 24.07.2018  
 (54) Prosthetic leaflet device  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (87) WO2019/045910  
 (31) 62/582,519 (32) 07.11.17 (33) US  
 62/552,595 31.08.17 US  
 (43) 07.03.2019  
 (72) GIFFORD, Hanson, S., III; FANN, James, I.; SUTTON, Douglas; MCLEAN, Matt  
 (74) FB Rice Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2017443712  
 (21) 2017443712 (22) 19.12.2017  
 (54) Energy transfer mechanism for wellbore junction assembly  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**H02J 50/12** ( 2016.01 )  
 (87) WO2019/125409  
 (43) 27.06.2019  
 (72) STEELE, David Joe; GODAGER, Oivind; ZHONG, Xiaoguang Allan  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2017443982  
 (21) 2017443982 (22) 20.12.2017  
 (54) Rheology control of nanocellulose treatment fluids  
 (51) Int. Cl.  
**C09K 8/90** ( 2006.01 )  
**C09K 8/10** ( 2006.01 )  
 (87) WO2019/125441  
 (43) 27.06.2019  
 (72) HALL, Lee J.; SALAS, Carlos L.; ROJAS, Orlando J.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2017443983  
 (21) 2017443983 (22) 20.12.2017  
 (54) Capture and recycling methods for non-aqueous cleaning materials  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**B08B 3/08** ( 2006.01 )  
 (87) WO2019/125443
- 
- (43) 27.06.2019  
 (72) KLEINGUETL, Kevin G.; JACKSON, Brice A.; HERSKOWITZ, Lawrence J.; DOTSON, Adam  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2017444213  
 (21) 2017444213 (22) 19.12.2017  
 (54) Energy transfer mechanism for wellbore junction assembly  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**H02J 50/12** ( 2016.01 )  
 (87) WO2019/125410  
 (43) 27.06.2019  
 (72) STEELE, David Joe; GODAGER, Oivind; ZHONG, Xiaoguang Allan  
 (74) Spruson & Ferguson
- 
- (71) Hangzhou Robam Appliances Co., Ltd.  
 (11) AU-A-2018347080  
 (21) 2018347080 (22) 10.09.2018  
 (54) Fume collecting assembly, range hood, side suction range hood, range hood for two-sided fume collection and central air intake, range hood with partition, and central fume purification device  
 (51) Int. Cl.  
**F24C 15/20** ( 2006.01 )  
 (87) WO2019/072059  
 (31) 201820313549.X (32) 07.03.18 (33) CN  
 201721531012.2 16.11.17 CN  
 201710932874.4 10.10.17 CN  
 201810083670.2 29.01.18 CN  
 201820310080.4 07.03.18 CN  
 (43) 18.04.2019  
 (72) REN, Fujia; HU, Rongwei; YU, Difeng; LU, Liecun; YU, Guocheng; LI, Ming; XU, Jiachen; TANG, Xiuhao; LI, Shuang; HE, Feng; LI, Baolin  
 (74) James & Wells Intellectual Property
- 
- (71) Hangzhou Zhiwei Information Technology Co., Ltd.  
 (11) AU-A-2018349026  
 (21) 2018349026 (22) 10.10.2018  
 (54) Bone marrow cell marking method and system  
 (51) Int. Cl.  
**G06K 9/62** ( 2006.01 )  
**G06K 9/46** ( 2006.01 )  
**G06T 7/13** ( 2017.01 )  
 (87) WO2019/072181  
 (31) 201710935207.1 (32) 10.10.17 (33) CN  
 (43) 18.04.2019  
 (72) LI, Qiang; LU, Ju; LI, Shun  
 (74) Madderns Pty Ltd
- 
- (71) Hanina, A.; Glasner, D.; Zhang, L.; Chah, C.  
 (11) AU-A-2018335288  
 (21) 2018335288 (22) 19.09.2018  
 (54) Apparatus and method for recognition of suspicious activities  
 (51) Int. Cl.  
**G06T 7/20** ( 2017.01 )
- 
- G06K 9/00** ( 2006.01 )  
**G16H 20/10** ( 2018.01 )  
**G16H 20/13** ( 2018.01 )  
 (87) WO2019/060367  
 (31) 62/560,528 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) HANINA, Adam; GLASNER, Daniel; ZHANG, Li; CHAH, Chloe  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Hanina, A.; Glasner, D.; Zhang, L.  
 (11) AU-A-2018337654  
 (21) 2018337654 (22) 18.09.2018  
 (54) Method and apparatus for determining health status  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (87) WO2019/060288  
 (31) 62/560,523 (32) 19.09.17 (33) US  
 (43) 28.03.2019  
 (72) HANINA, Adam; GLASNER, Daniel; ZHANG, Li  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Haynes International, Inc.; ICL-IP America Inc.  
 (11) AU-A-2018347410  
 (21) 2018347410 (22) 11.10.2018  
 (54) Solar tower system containing molten chloride salts  
 (51) Int. Cl.  
**F24S 20/20** ( 2018.01 )  
**C22C 19/05** ( 2006.01 )  
**C22C 30/00** ( 2006.01 )  
**F28F 21/08** ( 2006.01 )  
 (87) WO2019/075177  
 (31) 62/572,059 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (72) DEODESHMUKH, Vinay; EFFENBERGER, Reinhard  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Heidelberg Pharma Research GmbH  
 (11) AU-A-2018335378  
 (21) 2018335378 (22) 24.09.2018  
 (54) PSMA-targeting amanitin conjugates  
 (51) Int. Cl.  
**A61K 47/54** ( 2017.01 )  
 (87) WO2019/057964  
 (31) 17192686.8 (32) 22.09.17 (33) EP  
 (43) 28.03.2019  
 (72) GALLO, Francesca; KORSAK, Barbara; MUELLER, Christoph; HECHLER, Torsten; PAHL, Andreas; KULKE, Michael; SIMON, Werner; LUTZ, Christian  
 (74) Griffith Hack
- 
- (71) Her Majesty the Queen in the Right of Canada as Represented by the Minister of Health  
 (11) AU-A-2018371355  
 (21) 2018371355 (22) 16.11.2018  
 (54) Synthetic hemagglutinin as universal vaccine against infection by type B influenza viruses (IBV)



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

(51) Int. Cl.  
**C07K 14/11** ( 2006.01 )  
**A61K 39/145** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
(87) WO2019/100147  
(31) 62/589,908 (32) 22.11.17 (33) US  
(43) 31.05.2019  
(72) LI, Xuguang; VAN DOMSELAAR, Gary;  
ZETNER, Adrian  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD

(71) Hilti Aktiengesellschaft  
(11) AU-A-2018335848  
(21) 2018335848 (22) 20.09.2018  
(54) Fastener  
(51) Int. Cl.  
**E04C 2/42** ( 2006.01 )  
**F16B 5/02** ( 2006.01 )  
**F16B 37/04** ( 2006.01 )  
(87) WO2019/057841  
(31) 201721215426.4 (32) 21.09.17 (33) CN  
201710855920.5 21.09.17 CN  
(43) 28.03.2019  
(72) GAO, Leo; GOLDT, Mathias  
(74) Shelston IP Pty Ltd.

(71) Hilti Aktiengesellschaft  
(11) AU-A-2018344496  
(21) 2018344496 (22) 05.10.2018  
(54) Systems and methods for a cast-in anchor  
(51) Int. Cl.  
**E04B 1/41** ( 2006.01 )  
**E04G 15/06** ( 2006.01 )  
(87) WO2019/068849  
(31) 62/606,716 (32) 06.10.17 (33) US  
(43) 11.04.2019  
(72) SPAMPATTI, Matteo; SCHAEFFER,  
Marc; SIMEK, Philippe  
(74) Shelston IP Pty Ltd.

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2017433305  
(21) 2017433305 (22) 30.09.2017  
(54) Task switching method and terminal  
(51) Int. Cl.  
**G06F 3/0487** ( 2013.01 )  
**G06F 3/0485** ( 2013.01 )  
(87) WO2019/061512  
(43) 04.04.2019  
(72) QIAN, Kai; HUANG, Liwei; LIU, Zhenyu  
(74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2017435232  
(21) 2017435232 (22) 13.10.2017  
(54) Method for reducing power consumption of  
terminal, and terminal  
(51) Int. Cl.  
**G06F 1/32** ( 2019.01 )  
(87) WO2019/071615  
(43) 18.04.2019  
(72) ZHAO, Jing  
(74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2017435234  
(21) 2017435234 (22) 13.10.2017  
(54) Image processing method and device  
(51) Int. Cl.  
**G06T 5/50** ( 2006.01 )  
(87) WO2019/071618  
(31) 201710931459.7 (32) 09.10.17 (33) CN  
(43) 18.04.2019  
(72) CHUANG, Kuang Ting; JIN, Xin; SHEN,  
Huihai; LIN, Yuchao; SUN, Junxiong; LIU,  
Xiaodong  
(74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2018334731  
(21) 2018334731 (22) 22.08.2018  
(54) Feed network of base station antenna, base  
station antenna and base station  
(51) Int. Cl.  
**H01Q 1/36** ( 2006.01 )  
(87) WO2019/056905  
(31) 201710856022.1 (32) 19.09.17 (33) CN  
(43) 28.03.2019  
(72) XIAO, Weihong; LIAO, Zhiqiang  
(74) Watermark Intellectual Property Pty Ltd

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2018361284  
(21) 2018361284 (22) 31.10.2018  
(54) Method and apparatus for sending and re-  
ceiving downlink PPDU  
(51) Int. Cl.  
**H04L 1/00** ( 2006.01 )  
(87) WO2019/085924  
(31) 2017111071408.8 (32) 03.11.17 (33) CN  
(43) 09.05.2019  
(72) GAN, Ming; SHILO, Shimon; EPSTEIN,  
Leonid; REDLICH, Oded; YANG, Xun;  
WU, Tao  
(74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019222018  
(21) 2019222018 (22) 02.02.2019  
(54) Channel state information reporting method  
and communication device  
(51) Int. Cl.  
**H04L 1/00** ( 2006.01 )  
(87) WO2019/158003  
(31) 201810150978.4 (32) 13.02.18 (33) CN  
201810162843.X 27.02.18 CN  
(43) 22.08.2019  
(72) WANG, Jian; JIN, Huangping; DAI,  
Shengchen; LI, Rong; DU, Yinggang;  
WANG, Jun; GE, Yiqun  
(74) Phillips Ormonde Fitzpatrick

(71) Husqvarna AB  
(11) AU-A-2018330395  
(21) 2018330395 (22) 05.09.2018  
(54) Separator, separator system and methods of  
their operation  
(51) Int. Cl.  
**B04B 13/00** ( 2006.01 )  
**B01D 46/24** ( 2006.01 )  
**B01D 50/00** ( 2006.01 )

**B24B 7/18** ( 2006.01 )  
**B24B 55/06** ( 2006.01 )  
**B24B 55/10** ( 2006.01 )  
(87) WO2019/050455  
(31) 1751070-2 (32) 05.09.17 (33) SE  
(43) 14.03.2019  
(72) GUSTAVSSON, Daniel; FOGELBERG,  
Andreas  
(74) Spruson & Ferguson

(71) Husqvarna AB  
(11) AU-A-2018330396  
(21) 2018330396 (22) 05.09.2018  
(54) Separator and method of operating a separ-  
ator  
(51) Int. Cl.  
**B04B 13/00** ( 2006.01 )  
**B01D 46/24** ( 2006.01 )  
**B01D 50/00** ( 2006.01 )  
**B24B 55/06** ( 2006.01 )  
**B24B 55/10** ( 2006.01 )  
(87) WO2019/050456  
(31) 1751071-0 (32) 05.09.17 (33) SE  
(43) 14.03.2019  
(72) GUSTAVSSON, Daniel  
(74) Spruson & Ferguson

(71) Illinois Tool Works Inc.  
(11) AU-A-2018341897  
(21) 2018341897 (22) 23.08.2018  
(54) Undercut anchor  
(51) Int. Cl.  
**F16B 13/06** ( 2006.01 )  
**F16B 13/08** ( 2006.01 )  
**F16B 13/12** ( 2006.01 )  
(87) WO2019/067116  
(31) 62/563,933 (32) 27.09.17 (33) US  
16/109,030 22.08.18 US  
(43) 04.04.2019  
(72) CABAJ, Stanley J.; SIKORA, Tomasz  
(74) Davies Collison Cave Pty Ltd

(71) Indo Solutions Oy  
(11) AU-A-2019289575  
(21) 2019289575 (22) 06.06.2019  
(54) A trick scooter  
(51) Int. Cl.  
**A63C 17/01** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**A63C 17/26** ( 2006.01 )  
**B62K 3/00** ( 2006.01 )  
(87) WO2019/243660  
(31) 20185557 (32) 20.06.18 (33) FI  
(43) 26.12.2019  
(72) POUTIAINEN, Aleksii  
(74) Griffith Hack

(71) Innocon Medical Aps  
(11) AU-A-2018318977  
(21) 2018318977 (22) 19.08.2018  
(54) System for electrical stimulation of nerves  
(51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
(87) WO2019/034223  
(31) PA201800060 (32) 08.02.18 (33) DK  
PA201700045 18.08.17 DK

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

- (43) 21.02.2019  
 (72) KNUDSEN, Dianna Mærsk; HVALSØE, Torsten Fjeldgaard; NIELSEN, Jesper  
 (74) Spruson & Ferguson
- 
- (71) Innovative Molecules GmbH  
 (11) AU-A-2018344471  
 (21) 2018344471 (22) 04.10.2018  
 (54) Enantiomers of substituted thiazoles as antiviral compounds  
 (51) Int. Cl.  
 C07D 417/12 ( 2006.01 )  
 A61K 31/426 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 C07D 277/54 ( 2006.01 )  
 (87) WO2019/068817  
 (31) 17195047.0 (32) 05.10.17 (33) EP  
 (43) 11.04.2019  
 (72) KLEYMANN, Gerald; GEGE, Christian  
 (74) AJ PARK
- 
- (71) Innovent Biologics (Suzhou) Co., Ltd.  
 (11) AU-A-2018395084  
 (21) 2018395084 (22) 27.12.2018  
 (54) Anti-PD-L1 antibody and uses thereof  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 35/02 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 (87) WO2019/129136  
 (31) 201811567281.3 (32) 19.12.18 (33) CN  
 201711449321.X 27.12.17 CN  
 (43) 04.07.2019  
 (72) MIAO, Xiaoniu; HU, Huajing; LIU, Junjian; CHEN, Bingliang; LI, Li  
 (74) MINTER ELLISON
- 
- (71) Institute of Zoology, Chinese Academy of Sciences  
 (11) AU-A-2017431448  
 (21) 2017431448 (22) 19.09.2017  
 (54) Recombinant Metarhizium acridum, preparation method therefor and use thereof  
 (51) Int. Cl.  
 C12N 1/15 ( 2006.01 )  
 A01P 7/04 ( 2006.01 )  
 C12R 1/645 ( 2006.01 )  
 (87) WO2019/051852  
 (31) 201710830876.2 (32) 12.09.17 (33) CN  
 (43) 21.03.2019  
 (72) WANG, Yundan; HU, Shuai; KANG, Le  
 (74) Madderns Pty Ltd
- 
- (71) Intellia Therapeutics, Inc.  
 (11) AU-A-2018339089  
 (21) 2018339089 (22) 28.09.2018  
 (54) Polynucleotides, compositions, and methods for genome editing  
 (51) Int. Cl.  
 A61K 48/00 ( 2006.01 )  
 (87) WO2019/067910  
 (31) 62/566,144 (32) 29.09.17 (33) US
- 
- (43) 04.04.2019  
 (72) DOMBROWSKI, Christian; FINN, Jonathan Douglas; SMITH, Amy Madison Rhoden; ALEXANDER, Seth C.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) InterProducTec Consulting GmbH & Co. Kg  
 (11) AU-A-2018333417  
 (21) 2018333417 (22) 07.09.2018  
 (54) Monitoring system and food preparation system  
 (51) Int. Cl.  
 H05B 6/64 ( 2006.01 )  
 F24C 7/08 ( 2006.01 )  
 (87) WO2019/052929  
 (31) 18167618.0 (32) 16.04.18 (33) EP  
 17001555.6 18.09.17 EP  
 17002011.9 20.10.17 EP  
 18167371.6 13.04.18 EP  
 (43) 21.03.2019  
 (72) STORK GENANNT WERSBORG, Ingo  
 (74) Griffith Hack
- 
- (71) Intevac, Inc.  
 (11) AU-A-2018332878  
 (21) 2018332878 (22) 12.09.2018  
 (54) Thermally assisted negative electron affinity photocathode  
 (51) Int. Cl.  
 H01J 29/04 ( 2006.01 )  
 H01J 31/48 ( 2006.01 )  
 H01J 31/49 ( 2006.01 )  
 (87) WO2019/055554  
 (31) 15/702,647 (32) 12.09.17 (33) US  
 (43) 21.03.2019  
 (72) COSTELLO, Kenneth A.; AEBI, Verle; JURKOVIC, Michael; ZENG, Xi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Istituto Europeo di Oncologia (IEO) S.r.l.  
 (11) AU-A-2018316542  
 (21) 2018316542 (22) 17.08.2018  
 (54) Indole derivatives as histone demethylase inhibitors  
 (51) Int. Cl.  
 C07D 495/04 ( 2006.01 )  
 A61K 31/4045 ( 2006.01 )  
 A61P 3/00 ( 2006.01 )  
 A61P 31/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2019/034774  
 (31) 62/547,433 (32) 18.08.17 (33) US  
 (43) 21.02.2019  
 (72) VARASI, Mario; CAPPÀ, Anna; VIANELLO, Paola; MORETTI, Loris; SARTORI, Luca; MERCURIO, Ciro  
 (74) FB Rice Pty Ltd
- 
- (71) Japan Health Sciences Foundation  
 (11) AU-A-2018325899  
 (21) 2018325899 (22) 03.09.2018  
 (54) Method for producing influenza HA split vaccine  
 (51) Int. Cl.  
 C07K 14/11 ( 2006.01 )  
 A61K 39/145 ( 2006.01 )
- 
- C12N 15/44 ( 2006.01 )  
 (87) WO2019/045090  
 (31) 2018-137952 (32) 23.07.18 (33) JP  
 2017-169230 04.09.17 JP  
 (43) 07.03.2019  
 (72) TAKAHASHI, Yoshimasa; ADACHI, Yu; ATO, Manabu  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Jessamine, J.  
 (11) AU-A-2018322147  
 (21) 2018322147 (22) 22.08.2018  
 (54) Method and system for secure identity transmission with integrated service network and application ecosystem  
 (51) Int. Cl.  
 G06Q 20/20 ( 2012.01 )  
 G06Q 20/40 ( 2012.01 )  
 H04L 9/32 ( 2006.01 )  
 H04W 12/06 ( 2009.01 )  
 (87) WO2019/040620  
 (31) 62/627,845 (32) 08.02.18 (33) US  
 16/108,426 22.08.18 US  
 62/548,419 22.08.17 US  
 (43) 28.02.2019  
 (72) JESSAMINE, Jeffery  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Jetstone Building Systems Pty Ltd  
 (11) AU-A-2018333848  
 (21) 2018333848 (22) 18.09.2018  
 (54) Construction element  
 (51) Int. Cl.  
 E04D 3/361 ( 2006.01 )  
 E04B 1/38 ( 2006.01 )  
 E04B 7/20 ( 2006.01 )  
 E04F 13/07 ( 2006.01 )  
 (87) WO2019/051567  
 (31) 2017903784 (32) 18.09.17 (33) AU  
 (43) 21.03.2019  
 (72) PEACEY, Ian; DAVISON, Mark  
 (74) Griffith Hack
- 
- (71) Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.  
 (11) AU-A-2018340557  
 (21) 2018340557 (22) 28.09.2018  
 (54) IL-5 antibody, antigen binding fragment thereof, and medical application therefor  
 (51) Int. Cl.  
 C07K 16/24 ( 2006.01 )  
 C07K 16/18 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 C12N 15/02 ( 2006.01 )  
 (87) WO2019/062831  
 (31) 201710906068.X (32) 29.09.17 (33) CN  
 (43) 04.04.2019  
 (72) YING, Hua; SHI, Jinping; WANG, Yifang; HU, Qiyue; GE, Hu; TAO, Weikang  
 (74) FB Rice Pty Ltd
- 
- (71) Johnson & Johnson Consumer Inc.  
 (11) AU-A-2018342767  
 (21) 2018342767 (22) 24.09.2018

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

- (54) Topical composition and method for treating and preventing atopic dermatitis and infections related to bacteria biofilm
- (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )
- (87) WO2019/064162  
**(31)** 62/563,114 **(32)** 26.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** NOE, Sandra; ROSSANO, Manon  
**(74)** Shelston IP Pty Ltd.
- 
- (71) Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2018343325  
**(21)** 2018343325 **(22)** 28.09.2018  
**(54)** Diagnostic and treatment kit  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/103** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )
- (87) WO2019/064267  
**(31)** 62/565,551 **(32)** 29.09.17 **(33)** US  
**(43)** 04.04.2019  
**(72)** HIGGINS, Laura; PAUNESCU, Alexandru  
**(74)** Shelston IP Pty Ltd.
- 
- (71) Keppel Offshore & Marine Technology Centre Pte Ltd  
**(11)** AU-A-2018322410  
**(21)** 2018322410 **(22)** 21.08.2018  
**(54)** Cold energy recovery apparatus for a self-powered data centre  
**(51)** Int. Cl.  
**F22B 1/16** ( 2006.01 )  
**F17C 7/04** ( 2006.01 )
- (87) WO2019/040001  
**(31)** 10201706878P **(32)** 23.08.17 **(33)** SG  
**(43)** 28.02.2019  
**(72)** MERCHANT, Aziz Amirali; HUS-SAIN, Anis Altaf; KUMAR, Sreekala; MD MASUM REZA, Abul Bashar; ADAIKALARAJ, Peter Francis Bernad; TEE, Jackson  
**(74)** FB Rice Pty Ltd
- 
- (71) Keystone Heart Ltd.  
**(11)** AU-A-2018356554  
**(21)** 2018356554 **(22)** 26.10.2018  
**(54)** A dome shaped filtering device and method of manufacturing the same  
**(51)** Int. Cl.  
**A61F 2/01** ( 2006.01 )
- (87) WO2019/081689  
**(31)** 17199058.3 **(32)** 27.10.17 **(33)** EP  
**(43)** 02.05.2019  
**(72)** ASHKENAZI, Amit; PONOMARENKO, Valentin  
**(74)** Franke Hyland Pty Ltd
- 
- (71) Kimberly-Clark Worldwide, Inc.  
**(11)** AU-A-2017434032  
**(21)** 2017434032 **(22)** 27.09.2017  
**(54)** Dispenser  
**(51)** Int. Cl.  
**A47K 10/38** ( 2006.01 )  
**A47K 10/32** ( 2006.01 )
- (87) WO2019/066806  
**(43)** 04.04.2019  
**(72)** MCCACHREN, Brian C.; THOMSON, Andrew J.  
**(74)** Spruson & Ferguson
- 
- (71) Kingfa Sci. & Tech. Co., Ltd.  
**(11)** AU-A-2018357174  
**(21)** 2018357174 **(22)** 26.06.2018  
**(54)** Poly(lactic acid composite material and application thereof  
**(51)** Int. Cl.  
**C08L 67/04** ( 2006.01 )  
**C08G 63/08** ( 2006.01 )  
**C08K 3/34** ( 2006.01 )  
**C08K 5/06** ( 2006.01 )  
**C08K 5/098** ( 2006.01 )
- (87) WO2019/080524  
**(31)** 201711019796.5 **(32)** 27.10.17 **(33)** CN  
**(43)** 02.05.2019  
**(72)** LU, Changli; YUAN, Zhimin; CAI, Tongmin; HUANG, Xianbo; ZENG, Xiangbin; JIAO, Jian; XIONG, Kai; YANG, Hui; MAI, Kaijin; DONG, Xueting  
**(74)** FB Rice Pty Ltd
- 
- (71) Kira Biotech Pty Limited  
**(11)** AU-A-2018333275  
**(21)** 2018333275 **(22)** 12.09.2018  
**(54)** Treatment method  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )
- (87) WO2019/051541  
**(31)** 2017903726 **(32)** 13.09.17 **(33)** AU  
**(43)** 21.03.2019  
**(72)** HART, Derek Nigel John; CLARK, Georgina Jane; ABADIR, Edward Alan; JU, Xinsheng; LI, Ziduo  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) KM Biologics Co., Ltd.  
**(11)** AU-A-2018323504  
**(21)** 2018323504 **(22)** 29.08.2018  
**(54)** Modified HSV gB protein and HSV vaccine including same  
**(51)** Int. Cl.  
**C07K 14/035** ( 2006.01 )  
**A61K 39/245** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )
- (87) WO2019/044927  
**(31)** 2017-165684 **(32)** 30.08.17 **(33)** JP  
**(43)** 07.03.2019  
**(72)** MORI, Hiroaki; NISHIMURA, Tomohiro; SHIMIZU, Hiroyuki; MATSUMOTO, Miyuki  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71) Knappco, LLC  
**(11)** AU-A-2018347983  
**(21)** 2018347983 **(22)** 08.10.2018  
**(54)** Control systems for liquid product delivery vehicles
- (51) Int. Cl.  
**B67D 7/34** ( 2010.01 )  
**B67D 7/36** ( 2010.01 )
- (87) WO2019/074819  
**(31)** 62/569,733 **(32)** 09.10.17 **(33)** US  
**(43)** 18.04.2019  
**(72)** DUDLEY, Mark; BJORNEBO, Erik; ROBINSON, Randy  
**(74)** Spruson & Ferguson
- 
- (71) Knauf Gips KG  
**(11)** AU-A-2018362970  
**(21)** 2018362970 **(22)** 25.10.2018  
**(54)** Profile and construction element set for arranging a component for a drywall construction, and drywall formed therewith  
**(51)** Int. Cl.  
**E04C 3/07** ( 2006.01 )  
**E04B 2/82** ( 2006.01 )  
**E04B 9/00** ( 2006.01 )  
**E04B 9/26** ( 2006.01 )
- (87) WO2019/091593  
**(31)** PCT/ **(32)** 13.11.17 **(33)** EP  
**(31)** EP2017/001315  
**(43)** 16.05.2019  
**(72)** HERFURTH, Dominik; STUBITS, Robert; RACHWITZ, Sylvia; VIEBAHN, Michael  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) Korea Zinc Co., Ltd.; Korea Nickel Corporation  
**(11)** AU-A-2017430097  
**(21)** 2017430097 **(22)** 08.09.2017  
**(54)** Method for economically smelting nickel from nickel laterite ores by combination of wet and dry processes  
**(51)** Int. Cl.  
**C22B 23/06** ( 2006.01 )  
**C22B 3/00** ( 2006.01 )  
**C22B 23/02** ( 2006.01 )
- (87) WO2019/045161  
**(31)** 10-2017-0111411 **(32)** 31.08.17 **(33)** KR  
**(43)** 07.03.2019  
**(72)** CHOI, Chang Young; KIM, Byoung-Moon  
**(74)** Griffith Hack
- 
- (71) Kowa Company, Ltd.  
**(11)** AU-A-2018333885  
**(21)** 2018333885 **(22)** 11.09.2018  
**(54)** Intraocular lens insertion instrument  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )
- (87) WO2019/054353  
**(31)** 2017-175051 **(32)** 12.09.17 **(33)** JP  
**(43)** 21.03.2019  
**(72)** OBA, Norio; KOBAYASHI, Kenichi  
**(74)** FB Rice Pty Ltd
- 
- (71) KS Electronics.Co.,Ltd  
**(11)** AU-A-2018320093  
**(21)** 2018320093 **(22)** 14.02.2018  
**(54)** Apparatus for checking golf divot  
**(51)** Int. Cl.  
**A63B 69/36** ( 2006.01 )  
**A63B 71/06** ( 2006.01 )  
**A63B 102/32** ( 2015.01 )
- (87) WO2019/039680

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

- (31) 10-2017-0106953 (32) 23.08.17 (33) KR  
(43) 28.02.2019  
(72) SHIN, Sung Hyun; HEO, Jin Hee; PARK, Eun Hye; WOO, Hye Ji; MIN, Sun Ho; MUN, Bok Cheon  
(74) Jones Tulloch
- 
- (71) K S Paterson Nominees Pty Ltd  
(11) AU-A-2018321582  
(21) 2018321582 (22) 24.08.2018  
(54) Agricultural tilling assembly and components  
(51) Int. Cl.  
A01B 19/02 (2006.01)  
A01B 7/00 (2006.01)  
A01B 21/08 (2006.01)  
A01B 23/06 (2006.01)  
(87) WO2019/036772  
(31) 2017903707 (32) 12.09.17 (33) AU  
2017903708 12.09.17 AU  
2017903709 12.09.17 AU  
2017903706 12.09.17 AU  
2017903411 24.08.17 AU  
(43) 28.02.2019  
(72) PATERSON, Kentyn  
(74) Argon IP Advisory Pty Ltd
- 
- (71) Kuschall, R.  
(11) AU-A-2018335832  
(21) 2018335832 (22) 20.09.2018  
(54) Drive device for a wheelchair  
(51) Int. Cl.  
A61G 5/04 (2013.01)  
(87) WO2019/057799  
(31) 01164/17 (32) 21.09.17 (33) CH  
(43) 28.03.2019  
(72) KÜSCHALL, Rainer  
(74) Davies Collision Cave Pty Ltd
- 
- (71) KWS SAAT SE & Co. KGaA; The University of Sydney; Global Crop Innovations Pty. Ltd.  
(11) AU-A-2018325363  
(21) 2018325363 (22) 29.08.2018  
(54) Improved BLue Aleurone and other segregation systems  
(51) Int. Cl.  
A01H 1/02 (2006.01)  
A01H 1/06 (2006.01)  
A01H 1/08 (2006.01)  
A01H 6/46 (2018.01)  
(87) WO2019/043082  
(31) 62/551,599 (32) 29.08.17 (33) US  
62/610,727 27.12.17 US  
(43) 07.03.2019  
(72) ZHANG, Peng; TRETOWAN, Richard; DONG, Chong Mei; LAGE, Jacob; BIRD, Nicholas; TAPSELL, Christopher; HUMMEL, Aaron  
(74) Spruson & Ferguson
- 
- (71) Kymera Therapeutics, Inc  
(11) AU-A-2018338314  
(21) 2018338314 (22) 21.09.2018  
(54) Protein degraders and uses thereof  
(51) Int. Cl.  
A61K 31/517 (2006.01)
- 
- (87) WO2019/060742  
(31) 62/714,527 (32) 03.08.18 (33) US  
62/562,206 22.09.17 US  
62/610,403 26.12.17 US  
(43) 28.03.2019  
(72) MAINOLFI, Nello; JI, Nan; ZHANG, Yi; WEISS, Matthew M.  
(74) Spruson & Ferguson
- 
- (71) L.B. Foster Company  
(11) AU-A-2018334422  
(21) 2018334422 (22) 18.09.2018  
(54) Composite rail joint end post  
(51) Int. Cl.  
E01B 11/54 (2006.01)  
B60M 5/00 (2006.01)  
(87) WO2019/056010  
(31) 62/560,011 (32) 18.09.17 (33) US  
(43) 21.03.2019  
(72) ROY, Arka Prabha; CILOGLU, Korhan; SHUE, Sidney  
(74) Spruson & Ferguson
- 
- (71) Lantech.com, LLC  
(11) AU-A-2018336150  
(21) 2018336150 (22) 21.09.2018  
(54) Packaging material quality compensation  
(51) Int. Cl.  
B65B 11/00 (2006.01)  
B65B 11/02 (2006.01)  
B65B 11/04 (2006.01)  
B65B 11/06 (2006.01)  
B65B 41/12 (2006.01)  
B65B 57/04 (2006.01)  
B65B 57/12 (2006.01)  
B65B 57/14 (2006.01)  
B65B 57/18 (2006.01)  
(87) WO2019/058334  
(31) 62/562,114 (32) 22.09.17 (33) US  
(43) 28.03.2019  
(72) LANCASTER III, Patrick R.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lantech.com, LLC  
(11) AU-A-2018338049  
(21) 2018338049 (22) 21.09.2018  
(54) Load wrapping apparatus wrap profiles with controlled wrap cycle interruptions  
(51) Int. Cl.  
B65B 11/02 (2006.01)  
B65B 11/04 (2006.01)  
B65B 57/04 (2006.01)  
(87) WO2019/058335  
(31) 62/562,096 (32) 22.09.17 (33) US  
(43) 28.03.2019  
(72) LANCASTER III, Patrick R.; HENDREN, Daniel R.; LANCASTER, Jim; MITCHELL, Michael P.; JANES SR., Robert D.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lesaffre et Compagnie  
(11) AU-A-2018346174  
(21) 2018346174 (22) 02.10.2018
- 
- (54) Bread-making improver comprising microorganisms  
(51) Int. Cl.  
A21D 8/04 (2006.01)  
A21D 10/00 (2006.01)  
(87) WO2019/068700  
(31) 1759325 (32) 05.10.17 (33) FR  
(43) 11.04.2019  
(72) BLAREAU, François; BONNARDEL, Pascal; ROMERO ZURITA, Kathia Medaly  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Level 3 Communications, LLC  
(11) AU-A-2018341715  
(21) 2018341715 (22) 31.05.2018  
(54) Dynamic binding and load determination in a content delivery network (CDN)  
(51) Int. Cl.  
H04L 12/24 (2006.01)  
H04L 12/28 (2006.01)  
H04L 29/08 (2006.01)  
(87) WO2019/067027  
(31) 15/721,500 (32) 29.09.17 (33) US  
(43) 04.04.2019  
(72) NEWTON, Christopher  
(74) Griffith Hack
- 
- (71) Leyden Technologies B.V.  
(11) AU-A-2018346358  
(21) 2018346358 (22) 05.10.2018  
(54) Stable solutions of multicyclic antidepressants  
(51) Int. Cl.  
A61K 31/5513 (2006.01)  
A61K 9/00 (2006.01)  
A61P 25/18 (2006.01)  
(87) WO2019/068859  
(31) 17195256.7 (32) 06.10.17 (33) EP  
(43) 11.04.2019  
(72) VAN DER STEEN, Hans; JOLLIE, Karel; VAN RIJN, Willem  
(74) Griffith Hack
- 
- (71) Liebherr-Components Biberach GmbH  
(11) AU-A-2018328714  
(21) 2018328714 (22) 29.08.2018  
(54) Free fall winch  
(51) Int. Cl.  
B66D 1/12 (2006.01)  
B66D 1/22 (2006.01)  
B66D 5/18 (2006.01)  
B66D 5/26 (2006.01)  
(87) WO2019/048303  
(31) 20 2017 105 348.2 (32) 05.09.17 (33) DE  
(43) 14.03.2019  
(72) HAUSLADEN, Norbert  
(74) Spruson & Ferguson
- 
- (71) Limacorporate S.p.A.  
(11) AU-A-2018322380  
(21) 2018322380 (22) 24.08.2018  
(54) Ankle arthroplasty systems and methods  
(51) Int. Cl.  
A61F 2/42 (2006.01)  
A61B 17/16 (2006.01)  
A61B 17/17 (2006.01)  
(87) WO2019/040865

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

- (31) 15/686,079 (32) 24.08.17 (33) US  
 15/686,084 24.08.17 US  
 15/686,088 24.08.17 US  
 15/686,090 24.08.17 US
- (43) 28.02.2019  
 (72) SALTZMAN, Charles; BURSTEIN, Albert H.; DELAND, Jonathan T.  
 (74) Spruson & Ferguson
- 
- (71) Limited Liability Company "Watts Battery"  
 (11) AU-A-2018404160  
 (21) 2018404160 (22) 26.01.2018  
 (54) Modular power supply system  
 (51) Int. Cl.  
*H02J 9/06* ( 2006.01 )  
*H02J 7/02* ( 2016.01 )
- (87) WO2019/147156  
 (31) 2017135083 (32) 24.01.18 (33) RU  
 (43) 01.08.2019  
 (72) VLASOV, Iurii Vladimirovich; DOK-UCHAEV, Mikhail Dmitrievich; VINOGRADOV, Vasilii Ivanovich; VARENIK, Alexandr Ivanovich  
 (74) Armour IP Pty Ltd
- 
- (71) Lin, C.; Lane, H.; Excelsior Pharmatech Labs; Hng, Y.  
 (11) AU-A-2018371628  
 (21) 2018371628 (22) 22.11.2018  
 (54) Benzoic acid or a salt and derivative thereof for use in preventing or treating depression  
 (51) Int. Cl.  
*A61K 31/192* ( 2006.01 )  
*A61K 31/015* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )
- (87) WO2019/103597  
 (31) 62/589,933 (32) 22.11.17 (33) US  
 (43) 31.05.2019  
 (72) LIN, Chieh-Hsin; LANE, Hsien-Yuan  
 (74) COOPER IP PTY. LTD.
- 
- (71) Lupin Atlantis Holdings SA  
 (11) AU-A-2018333549  
 (21) 2018333549 (22) 12.09.2018  
 (54) Inhaler and mesh for an inhaler  
 (51) Int. Cl.  
*A61M 11/00* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61M 15/00* ( 2006.01 )
- (87) WO2019/053085  
 (31) 15/703,574 (32) 13.09.17 (33) US  
 (43) 21.03.2019  
 (72) ZENG, Xian-Ming; GOLLER, Michael; KUMAR, Thommandru Vijaya; NAYAK, Raghavendra; BAVISKAR, Mahesh; VEKHANDE, Ganesh  
 (74) Shelston IP Pty Ltd.
- 
- (71) Mack Rides GmbH & Co. KG  
 (11) AU-A-2018335012  
 (21) 2018335012 (22) 29.06.2018  
 (54) Passenger receptacle for an amusement ride, method for operating such a passenger receptacle, and amusement ride having such a passenger receptacle  
 (51) Int. Cl.
- (71) Magenta Therapeutics, Inc.  
 (11) AU-A-2018355244  
 (21) 2018355244 (22) 23.10.2018  
 (54) Compositions and methods for the depletion of CD117+ cells  
 (51) Int. Cl.  
*C07K 16/32* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )
- (87) WO2019/084064  
 (31) 62/576,572 (32) 24.10.17 (33) US  
 62/638,053 02.03.18 US  
 62/632,967 20.02.18 US  
 62/596,569 08.12.17 US
- (43) 02.05.2019  
 (72) PEARSE, Bradley R.; COOKE, Michael; BOITANO, Anthony; PALCHAUDHURI, Rahul; MCDONOUGH, Sean; PANWAR, Rajiv; GLANVILLE, Jacob  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MANSELL, J.  
 (11) AU-A-2018335399  
 (21) 2018335399 (22) 20.09.2018  
 (54) Sterilizing surgical instrument table  
 (51) Int. Cl.  
*A61B 50/15* ( 2016.01 )  
*A61B 50/13* ( 2016.01 )  
*A61B 50/24* ( 2016.01 )  
*A61L 2/10* ( 2006.01 )
- (87) WO2019/060617  
 (31) 62/562,036 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) MANSELL, John  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MANSELL, J.  
 (11) AU-A-2018338100  
 (21) 2018338100 (22) 20.09.2018  
 (54) Compositions and methods for treatment of sepsis-related disorders  
 (51) Int. Cl.  
*A61K 31/7088* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )
- (87) WO2019/060613  
 (31) 62/562,060 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (72) MANSELL, John  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Marine Canada Acquisition Inc.  
 (11) AU-A-2018333306  
 (21) 2018333306 (22) 14.09.2018  
 (54) Hose assembly with field attachable bend restrictor  
 (51) Int. Cl.  
*F16L 57/00* ( 2006.01 )
- (71) F16L 3/015 ( 2006.01 )  
 F16L 5/00 ( 2006.01 )  
 H02G 7/04 ( 2006.01 )
- (87) WO2019/051610  
 (31) 62/558,448 (32) 14.09.17 (33) US  
 (43) 21.03.2019  
 (72) FETCHKO, Eric B.; BAROS, Davor; FER-GUSON, Art  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Memic Innovative Surgery Ltd.  
 (11) AU-A-2018320728  
 (21) 2018320728 (22) 23.08.2018  
 (54) Tools and methods for vaginal access  
 (51) Int. Cl.  
*A61B 1/32* ( 2006.01 )  
*A61B 17/3209* ( 2006.01 )  
*A61B 17/42* ( 2006.01 )
- (87) WO2019/038770  
 (31) 62/549,097 (32) 23.08.17 (33) US  
 62/558,460 14.09.17 US  
 62/549,078 23.08.17 US  
 62/558,469 14.09.17 US
- (43) 28.02.2019  
 (72) COHEN, Dvir; LEVINSON, Yaron; MAIMON, Eyal; ROTEM, Idan  
 (74) Belyea IP
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-A-2018338322  
 (21) 2018338322 (22) 21.09.2018  
 (54) A33 antibody compositions and methods of using the same in radioimmunotherapy  
 (51) Int. Cl.  
*A61K 31/555* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61K 47/54* ( 2017.01 )  
*A61K 51/04* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (87) WO2019/060750  
 (31) 62/562,374 (32) 23.09.17 (33) US  
 62/562,373 23.09.17 US  
 (43) 28.03.2019  
 (72) WU, Zhihao; XU, Hong; CHEUNG, Nai-Kong  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-A-2018338441  
 (21) 2018338441 (22) 25.09.2018  
 (54) Tumor mutational load and checkpoint immunotherapy  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (87) WO2019/060894  
 (31) 62/569,053 (32) 06.10.17 (33) US  
 62/562,977 25.09.17 US  
 (43) 28.03.2019  
 (72) CHAN, Timothy A.; CHOWELL, Diego Puente; SAMSTEIN, Robert M.; MORRIS, Luc  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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

- (71) Merck Patent GmbH  
(11) AU-A-2018321118  
(21) 2018321118 (22) 21.08.2018  
(54) Boronic acid derivatives  
(51) Int. Cl.  
*C07F 5/02* (2006.01)  
*A61K 31/69* (2006.01)  
*A61P 35/00* (2006.01)  
(87) WO2019/038250  
(31) 17187636.0 (32) 24.08.17 (33) EP  
(43) 28.02.2019  
(72) KLEIN, Markus; SCHADT, Oliver; ES-DAR, Christina  
(74) Griffith Hack
- 
- (71) Merck Patent GmbH  
(11) AU-A-2018343982  
(21) 2018343982 (22) 28.09.2018  
(54) Metabolic biomarkers for predicting responsiveness to FGF-18 compound  
(51) Int. Cl.  
*A61K 38/00* (2006.01)  
*A61K 38/18* (2006.01)  
*G01N 33/68* (2006.01)  
(87) WO2019/063758  
(31) 17194220.4 (32) 29.09.17 (33) EP  
18169324.3 25.04.18 EP  
(43) 04.04.2019  
(72) LADEL, Christoph H.; GUEHRING, Hans; BAY-JENSEN, Anne-Christine; KARSDAL, Morten; QVIST, Per  
(74) Griffith Hack
- 
- (71) Merck Patent GmbH; Pfizer Inc.  
(11) AU-A-2018347331  
(21) 2018347331 (22) 10.10.2018  
(54) Combination of a PARP inhibitor and a PD-1 axis binding antagonist  
(51) Int. Cl.  
*A61K 39/395* (2006.01)  
*A61K 31/5025* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 35/04* (2006.01)  
(87) WO2019/075032  
(31) 62/697,587 (32) 13.07.18 (33) US  
62/572,024 13.10.17 US  
(43) 18.04.2019  
(72) BLAKE-HASKINS, John Andrew; BOSHOFF, Christoffel Hendrik; CESARI, Rossano; NUYTEN, Dimitry Serge Antoine; STEWART, Ross Anthony; ZOHREN, Fabian  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Merck Sharp & Dohme Corp.; Amgen Inc.  
(11) AU-A-2018347457  
(21) 2018347457 (22) 12.10.2018  
(54) Compositions and methods for treating diffuse large B cell lymphoma  
(51) Int. Cl.  
*A61K 31/519* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
(87) WO2019/075366  
(31) 62/571,870 (32) 13.10.17 (33) US
- 
- (43) 18.04.2019  
(72) ZIMMERMAN, Zachary; ZHANG, Xiaohong Alicia; HOLLAND, Peter Christopher; FRANKLIN, Janet; FRIBERG, Gregory  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Mersana Therapeutics, Inc.  
(11) AU-A-2018337947  
(21) 2018337947 (22) 20.09.2018  
(54) Compositions and methods for predicting response to NaPi2b-targeted therapy  
(51) Int. Cl.  
*G01N 33/574* (2006.01)  
*A61K 47/68* (2017.01)  
*C07K 16/30* (2006.01)  
(87) WO2019/060542  
(31) 62/561,107 (32) 20.09.17 (33) US  
62/571,397 12.10.17 US  
62/718,692 14.08.18 US  
(43) 28.03.2019  
(72) MOSHER, Rebecca; POLING, Laura, L.; BERGSTROM, Donald, A.  
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Metabolon, Inc.  
(11) AU-A-2018341599  
(21) 2018341599 (22) 27.09.2018  
(54) Compounds, reagents, and uses thereof  
(51) Int. Cl.  
*G01N 33/68* (2006.01)  
*C07C 69/52* (2006.01)  
(87) WO2019/067699  
(31) 62/564,558 (32) 28.09.17 (33) US  
(43) 04.04.2019  
(72) ZHANG, Qibo  
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) miDiagnostics NV  
(11) AU-A-2018369869  
(21) 2018369869 (22) 14.11.2018  
(54) Classification of a population of objects by convolutional dictionary learning with class proportion data  
(51) Int. Cl.  
*G01N 15/02* (2006.01)  
(87) WO2019/099592  
(31) 62/585,872 (32) 14.11.17 (33) US  
62/679,757 01.06.18 US  
(43) 23.05.2019  
(72) VIDAL, Rene; YELLIN, Florence; HAEF-FELE, Benjamin  
(74) WRAYS PTY LTD
- 
- (71) Milliken & Company  
(11) AU-A-2018354022  
(21) 2018354022 (22) 09.10.2018  
(54) Modular floor mat  
(51) Int. Cl.  
*B32B 5/02* (2006.01)  
*B32B 3/06* (2006.01)  
*B32B 3/30* (2006.01)  
*B32B 7/12* (2006.01)  
*B32B 23/04* (2006.01)  
*B32B 23/10* (2006.01)  
*B32B 25/10* (2006.01)
- 
- (87) WO2019/083717  
(31) 16/153,934 (32) 08.10.18 (33) US  
62/576,128 24.10.17 US  
(43) 02.05.2019  
(72) KNIGHT, Jonathon; PICKERSGILL, Jonathon; WOOLLEY, Michael  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Mitsubishi Heavy Industries Thermal Systems, Ltd.  
(11) AU-A-2018339256  
(21) 2018339256 (22) 22.08.2018  
(54) Control device, control method, and program  
(51) Int. Cl.  
*H02M 3/155* (2006.01)  
(87) WO2019/065005  
(31) 2017-186239 (32) 27.09.17 (33) JP  
(43) 04.04.2019  
(72) AIBA, Kenichi; KUHARA, Masakazu  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Motorola Solutions, Inc.  
(11) AU-A-2018336999  
(21) 2018336999 (22) 06.09.2018  
(54) Adaptable interface for retrieving available electronic digital assistant services  
(51) Int. Cl.  
*G06F 3/0484* (2013.01)  
*G06F 3/01* (2006.01)  
*G06F 3/0482* (2013.01)  
*G06F 3/0488* (2013.01)  
*G06F 9/451* (2018.01)  
*G06K 9/00* (2006.01)  
*G06Q 50/26* (2012.01)  
*G08G 1/017* (2006.01)  
*H04W 4/90* (2018.01)  
(87) WO2019/060142  
(31) 15/714,214 (32) 25.09.17 (33) US  
(43) 28.03.2019  
(72) PROCTOR, Lee; ZASLOW, Benjamin; JOHNSON, Eric  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Muanchart, M.  
(11) AU-A-2018346136  
(21) 2018346136 (22) 02.03.2018  
(54) A plant cultivation system using humidifier  
(51) Int. Cl.  
*A01G 9/00* (2018.01)  
*A01G 7/00* (2006.01)  
(87) WO2019/070206  
(31) 1701005959 (32) 04.10.17 (33) TH  
(43) 11.04.2019  
(72) MUANCHART, Mankaew  
(74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Mudroom Backpacks, Inc.  
(11) AU-A-2018321285  
(21) 2018321285 (22) 20.08.2018  
(54) Backpack with stowed rain cover  
(51) Int. Cl.

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

- A41D 27/12** ( 2006.01 )  
**A41B 1/18** ( 2006.01 )  
**A41D 27/20** ( 2006.01 )  
**A45C 11/00** ( 2006.01 )  
**A45C 13/03** ( 2006.01 )  
**A45F 3/04** ( 2006.01 )  
**(87)** WO2019/040361  
**(31)** 62/548,346 **(32)** 21.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** DEIOMA, David M.  
**(74)** Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71)** Multigate Medical Products Pty Ltd  
**(11)** AU-A-2018321574  
**(21)** 2018321574 **(22)** 21.08.2018  
**(54)** Sterilisation wrap and method  
**(51)** Int. Cl.  
**A61L 2/26** ( 2006.01 )  
**A61B 50/33** ( 2016.01 )  
**B65D 65/10** ( 2006.01 )  
**B65D 65/24** ( 2006.01 )  
**(87)** WO2019/036743  
**(31)** 2017101130 **(32)** 21.08.17 **(33)** AU  
**(43)** 28.02.2019  
**(72)** LEEDHAM, Amy; CHANG, Peter  
**(74)** Chrysiliou IP
- 
- (71)** Nerudia Limited  
**(11)** AU-A-2018335959  
**(21)** 2018335959 **(22)** 21.09.2018  
**(54)** Device and unit  
**(51)** Int. Cl.  
**A24F 47/00** ( 2006.01 )  
**A61M 11/04** ( 2006.01 )  
**A61M 15/06** ( 2006.01 )  
**(87)** WO2019/057939  
**(31)** 1715386.7 **(32)** 22.09.17 **(33)** GB  
**(43)** 28.03.2019  
**(72)** JONES, David; LORD, Chris; SUDLOW, Thomas  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** Neurocrine Biosciences, Inc.  
**(11)** AU-A-2018335259  
**(21)** 2018335259 **(22)** 18.09.2018  
**(54)** High dosage valbenazine formulation and compositions, methods, and kits related thereto  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/4745** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(87)** WO2019/060322  
**(31)** 62/564,951 **(32)** 28.09.17 **(33)** US  
 62/561,629 21.09.17 US  
**(43)** 28.03.2019  
**(72)** MOORE Jr., Richard Alexander; MCCLELLAND, Gregory A.; O'BRIEN, Christopher F.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Newsouth Innovations Pty Limited  
**(11)** AU-A-2018340854  
**(21)** 2018340854 **(22)** 21.09.2018  
**(54)** Process and apparatus for identifying and classifying video-data  
**(51)** Int. Cl.  
**H04L 12/801** ( 2013.01 )  
**H04L 12/40** ( 2006.01 )  
**H04W 28/10** ( 2009.01 )  
**(87)** WO2019/060949  
**(31)** 2017903915 **(32)** 27.09.17 **(33)** AU  
**(43)** 04.04.2019  
**(72)** SIVARAMAN, Vijay; GHARAKHEILI, Hassan Habibi; WANG, Yu  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Nippon Suisan Kaisha, Ltd.  
**(11)** AU-A-2018319940  
**(21)** 2018319940 **(22)** 21.08.2018  
**(54)** Cultured tuna and use thereof, and method for producing cultured tuna  
**(51)** Int. Cl.  
**A23K 50/80** ( 2016.01 )  
**A01K 61/10** ( 2017.01 )  
**A23K 10/22** ( 2016.01 )  
**A23K 40/30** ( 2016.01 )  
**A23L 17/00** ( 2016.01 )  
**(87)** WO2019/039472  
**(31)** 2017-159803 **(32)** 22.08.17 **(33)** JP  
**(43)** 28.02.2019  
**(72)** GOTO, Tsuyoshi  
**(74)** Griffith Hack
- 
- (71)** Nordic Bioscience A/S  
**(11)** AU-A-2018351632  
**(21)** 2018351632 **(22)** 19.10.2018  
**(54)** Collagen type XVI assay  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**(87)** WO2019/077102  
**(31)** 1717301.4 **(32)** 20.10.17 **(33)** GB  
**(43)** 25.04.2019  
**(72)** JENSEN, Christina; MORTENSEN, Joachim Hog; WILLUMSEN, Nicholas; KARSDAL, Morten Asser  
**(74)** Griffith Hack
- 
- (71)** Nordic Lights Ltd.  
**(11)** AU-A-2017435310  
**(21)** 2017435310 **(22)** 10.10.2017  
**(54)** Working light  
**(51)** Int. Cl.  
**F21V 7/00** ( 2006.01 )  
**F21V 7/04** ( 2006.01 )  
**F21W 131/403** ( 2006.01 )  
**F21Y 115/10** ( 2016.01 )  
**(87)** WO2019/073105  
**(43)** 18.04.2019  
**(72)** LINDHOLM, Janne  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2018364954  
**(21)** 2018364954 **(22)** 17.10.2018  
**(54)** RQL phase-mode flip-flop  
**(51)** Int. Cl.  
**H03K 3/38** ( 2006.01 )  
**(87)** WO2019/094159  
**(31)** 15/810,860 **(32)** 13.11.17 **(33)** US  
**(43)** 16.05.2019  
**(72)** BRAUN, Alexander Louis  
**(74)** Baldwins Intellectual Property
- 
- (71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2018364955  
**(21)** 2018364955 **(22)** 17.10.2018  
**(54)** Large fan-in RQL gates  
**(51)** Int. Cl.  
**H03K 19/195** ( 2006.01 )  
**H03K 19/20** ( 2006.01 )  
**H03K 19/23** ( 2006.01 )  
**(87)** WO2019/094160  
**(31)** 15/810,907 **(32)** 13.11.17 **(33)** US  
**(43)** 16.05.2019  
**(72)** BRAUN, Alexander Louis  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2018364957  
**(21)** 2018364957 **(22)** 17.10.2018  
**(54)** Josephson and/or gate  
**(51)** Int. Cl.  
**H03K 19/195** ( 2006.01 )  
**H03K 19/20** ( 2006.01 )  
**(87)** WO2019/094162  
**(31)** 15/811,000 **(32)** 13.11.17 **(33)** US  
**(43)** 16.05.2019  
**(72)** BRAUN, Alexander Louis  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Nova Chemicals (International) S.A.  
**(11)** AU-A-2018360335  
**(21)** 2018360335 **(22)** 09.10.2018  
**(54)** Controlling carbon dioxide output from an ODH process  
**(51)** Int. Cl.  
**C07C 5/48** ( 2006.01 )  
**C07C 11/04** ( 2006.01 )  
**(87)** WO2019/086981  
**(31)** 62/581,864 **(32)** 06.11.17 **(33)** US  
**(43)** 09.05.2019  
**(72)** SIMANZHENKOV, Vasily; GOODAR-ZNIA, Shahin  
**(74)** Griffith Hack
- 
- (71)** Novartis AG  
**(11)** AU-A-2018361743  
**(21)** 2018361743 **(22)** 31.10.2018  
**(54)** Anti-CD40 antibodies for use in treatment of Sjogren's syndrome  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2019/087094  
**(31)** 62/581,212 **(32)** 03.11.17 **(33)** US  
 62/644,939 19.03.18 US  
**(43)** 09.05.2019  
**(72)** ESPIE, Pascal; GERGELY, Peter; RUSH, James  
**(74)** Davies Collison Cave Pty Ltd

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

- (71) Novo Nordisk A/S  
(11) AU-A-2018330499  
(21) 2018330499 (22) 11.09.2018  
(54) Enrichment of NKX6.1 and C-peptide co-expressing cells derived in vitro from stem cells  
(51) Int. Cl.  
C12N 5/071 ( 2010.01 )  
(87) WO2019/048690  
(31) 17190412.1 (32) 11.09.17 (33) EP  
(43) 14.03.2019  
(72) KIRKEGAARD, Jeannette Schlichting  
(74) Shelston IP Pty Ltd.
- 
- (71) Oculogica Inc.  
(11) AU-A-2018334150  
(21) 2018334150 (22) 12.09.2018  
(54) Eye tracking system  
(51) Int. Cl.  
A61B 5/16 ( 2006.01 )  
A61B 3/113 ( 2006.01 )  
(87) WO2019/055504  
(31) 62/558,069 (32) 13.09.17 (33) US  
(43) 21.03.2019  
(72) SAMADANI, Rosina; SANDERSON, Daniel O.  
(74) FB Rice Pty Ltd
- 
- (71) Ohio State Innovation Foundation  
(11) AU-A-2018341227  
(21) 2018341227 (22) 17.09.2018  
(54) Tissue factor-targeting CAR-NK and CAR-T cell therapy  
(51) Int. Cl.  
C07K 14/705 ( 2006.01 )  
A61K 35/26 ( 2015.01 )  
A61K 38/36 ( 2006.01 )  
C07K 14/745 ( 2006.01 )  
C12N 1/19 ( 2006.01 )  
C12N 1/21 ( 2006.01 )  
C12N 5/10 ( 2006.01 )  
C12N 15/07 ( 2006.01 )  
C12N 15/62 ( 2006.01 )  
(87) WO2019/067249  
(31) 62/564,006 (32) 27.09.17 (33) US  
(43) 04.04.2019  
(72) HU, Zhiwei  
(74) RnB IP Pty Ltd
- 
- (71) Ondine International Holdings Ltd.  
(11) AU-A-2018318392  
(21) 2018318392 (22) 10.08.2018  
(54) Circumferential irrigation method of sinusitis treatment  
(51) Int. Cl.  
A61M 3/02 ( 2006.01 )  
A61B 17/24 ( 2006.01 )  
(87) WO2019/034932  
(31) 62/546,854 (32) 17.08.17 (33) US  
(43) 21.02.2019  
(72) LOEBEL, Nicolas; DAWSON, Tom; MELLER, David; BASKARAN, Saran; WEFERS, Michael  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Owens Corning Intellectual Capital, LLC  
(11) AU-A-2018348018  
(21) 2018348018 (22) 09.10.2018  
(54) Aqueous binder compositions  
(51) Int. Cl.  
D04H 1/587 ( 2012.01 )  
C08K 5/00 ( 2006.01 )  
C08K 5/092 ( 2006.01 )  
D04H 1/00 ( 2006.01 )  
D04H 1/58 ( 2012.01 )  
(87) WO2019/074865  
(31) 62/569,775 (32) 09.10.17 (33) US  
(43) 18.04.2019  
(72) ZHANG, Xiujuan; MUELLER, Gert; SMITH, Kendel  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Owens Corning Intellectual Capital, LLC  
(11) AU-A-2018348020  
(21) 2018348020 (22) 09.10.2018  
(54) Aqueous binder compositions  
(51) Int. Cl.  
C08K 5/00 ( 2006.01 )  
C08L 67/02 ( 2006.01 )  
D06M 15/51 ( 2006.01 )  
(87) WO2019/074867  
(31) 62/569,778 (32) 09.10.17 (33) US  
(43) 18.04.2019  
(72) ZHANG, Xiujuan; MUELLER, Gert; SMITH, Kendel  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Oxford Biodynamics Limited  
(11) AU-A-2018344573  
(21) 2018344573 (22) 01.10.2018  
(54) Biomarker  
(51) Int. Cl.  
C12Q 1/6827 ( 2018.01 )  
C12Q 1/6883 ( 2018.01 )  
(87) WO2019/069067  
(31) 62/566,756 (32) 02.10.17 (33) US  
(43) 11.04.2019  
(72) AKOULITCHEV, Alexandre; RAMADASS, Aroul Selvam; HUNTER, Ewan; SALTER, Matthew  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Oxford Nanopore Technologies Limited  
(11) AU-A-2017434549  
(21) 2017434549 (22) 28.09.2017  
(54) Kit of first and second parts adapted for connection to each other  
(51) Int. Cl.  
G01N 33/487 ( 2006.01 )  
B01L 3/00 ( 2006.01 )  
H01R 13/629 ( 2006.01 )  
(87) WO2019/063959  
(43) 04.04.2019  
(72) WATERMAN, David; SMITH, Richard  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Pacific Industrial Co., Ltd  
(11) AU-A-2019299866  
(21) 2019299866 (22) 17.04.2019  
(54) Resin molded article and method for producing resin molded article  
(51) Int. Cl.  
B29C 37/00 ( 2006.01 )
- 
- (31) 2018-178033 (32) 21.09.18 (33) JP  
(43) 09.04.2020  
(72) Fukui, Yuya; Naito, Yoshinari; Furuno, Shinichi  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Petrobras Transportes S/A - Transpetro  
(11) AU-A-2018333031  
(21) 2018333031 (22) 14.09.2018  
(54) System and method for movement of fluid in a tank  
(51) Int. Cl.  
B01F 5/10 ( 2006.01 )  
B01F 5/02 ( 2006.01 )  
(87) WO2019/053461  
(31) 102017019628-3 (32) 14.09.17 (33) BR  
(43) 21.03.2019  
(72) DE PINHO ALHO, Alexandre Teixeira; REYES, Marta Cecilia Tapia; KALEFF, Peter; LOPES ALVES, Luiz Felipe Fontes; WARRAK, Jorge Alam; MASETTI, Isaías Quaresma  
(74) FB Rice Pty Ltd
- 
- (71) Pfizer Inc.  
(11) AU-A-2018349259  
(21) 2018349259 (22) 04.10.2018  
(54) Crystalline form of lorlatinib free base hydrate  
(51) Int. Cl.  
C07D 498/18 ( 2006.01 )  
A61K 31/439 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2019/073347  
(31) 62/570,326 (32) 10.10.17 (33) US  
62/727,734 06.09.18 US  
(43) 18.04.2019  
(72) BOWLES, Paul; ROSE, Peter Robert  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Philip Morris Products S.A.  
(11) AU-A-2018377970  
(21) 2018377970 (22) 27.11.2018  
(54) Aerosol-generating article having mouth-piece with upstream cavity  
(51) Int. Cl.  
A24D 3/06 ( 2006.01 )  
A24D 3/04 ( 2006.01 )  
(87) WO2019/105950  
(31) 17204767.2 (32) 30.11.17 (33) EP  
(43) 06.06.2019  
(72) JORDIL, Yves; NAPPI, Leonardo  
(74) Spruson & Ferguson
- 
- (71) Pioneer Hi-Bred International, Inc.; E. I. du Pont de Nemours and Company  
(11) AU-A-2018341349  
(21) 2018341349 (22) 25.09.2018  
(54) Soil application of crop protection agents  
(51) Int. Cl.  
A01N 25/26 ( 2006.01 )  
C05D 9/00 ( 2006.01 )  
C05G 3/00 ( 2006.01 )  
(87) WO2019/067452  
(31) 62/564,220 (32) 27.09.17 (33) US



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

- (43) 04.04.2019  
 (72) AVGOUSTI, Marios; BURCH, Robert Ray; EVERARD, John D.; GOROWARA, Rajeev L.; JAYCOX, Gary Delmar; KENDRA, Shane Frances; MACCHIA, Jacy Cameron; WANG, Ning; ZHANG, Jihua  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Pluto Inc.  
 (11) AU-A-2018337956  
 (21) 2018337956 (22) 20.09.2018  
 (54) Methods and systems for determining a video player playback position  
 (51) Int. Cl.  
*H04N 21/44* ( 2011.01 )  
*H04N 21/234* ( 2011.01 )  
*H04N 21/2347* ( 2011.01 )  
*H04N 21/4408* ( 2011.01 )  
*H04N 21/4725* ( 2011.01 )  
*H04N 21/6334* ( 2011.01 )  
 (87) WO2019/060554  
 (31) 15/714,931 (32) 25.09.17 (33) US  
 (43) 28.03.2019  
 (72) SHANSON, Spencer  
 (74) Michael Buck IP
- 
- (71) President and Fellows of Harvard College  
 (11) AU-A-2018336901  
 (21) 2018336901 (22) 20.09.2018  
 (54) Tissue construct, methods of producing and using the same  
 (51) Int. Cl.  
*A61L 27/38* ( 2006.01 )  
*C09D 11/02* ( 2014.01 )  
*C12N 5/00* ( 2006.01 )  
 (87) WO2019/060518  
 (31) 62/561,477 (32) 21.09.17 (33) US  
 (43) 28.03.2019  
 (72) SKYLAR-SCOTT, Mark; UZEL, Sebastien; LEWIS, Jennifer  
 (74) FB Rice Pty Ltd
- 
- (71) Prothena Biosciences Limited; F. Hoffmann-La Roche AG  
 (11) AU-A-2017434556  
 (21) 2017434556 (22) 28.09.2017  
 (54) Dosing regimes for treatment of synucleinopathies  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
 (87) WO2019/064053  
 (43) 04.04.2019  
 (72) SOTO, Jay; NESS, Daniel Keith; KOLLER, Martin; MOULD, Diane; BOESS, Frank; MARTIN-FACKLAM, Meret; COSSON, Valerie; GRIMM, Hans Peter; GIESCHKE, Ronald; BELLI, Sara; WEBER, Silke  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Psomagen, Inc.  
 (11) AU-A-2018323509  
 (21) 2018323509 (22) 28.08.2018
- 
- (54) Method and system for characterization for female reproductive system-related conditions associated with microorganisms  
 (51) Int. Cl.  
*C12Q 1/689* ( 2018.01 )  
*C12Q 1/6883* ( 2018.01 )  
*C12Q 1/6886* ( 2018.01 )  
*C12Q 1/70* ( 2006.01 )  
*G16B 30/00* ( 2019.01 )  
 (87) WO2019/046347  
 (31) 62/653,402 (32) 05.04.18 (33) US  
 62/585,131 13.11.17 US  
 62/551,155 28.08.17 US  
 (43) 07.03.2019  
 (72) APTE, Zachary; BIK, Elisabeth; BIRD, Sara W.; LEON, Luis; NIETO, Pamela A.; ALEGRIA-MERA, Victor; BRAVO, Christian; CARDENAS, Juan P.; COVARRUBIAS, Paulo; GUPTA, Sarah L.; HARMAN, Kira; JIMENEZ, Juan; MELIS-ARCOS, Felipe; NAVAS, Camila F.; NUNEZ, Harold; OLIVARES, Eduardo; ORDENES-AENISHANSLINS, Nicolas; OSSANDON, Francisco J.; VARAS, Ignacio; VERA-WOLF, Patricia; HONGO, Donna Marie B.; KRAAL, Laurens; WALTON, Nathaniel A.; MORTON, Amanda; BUSTAMANTE, Juan P.; AD-DAE, Kwasi; GASS, Graham; SOTO-LIEBE, Katia; UGALDE, Juan A.; MORALEZ, Eduardo H.; ALMONACID, Daniel; RICHMAN, Jessica  
 (74) FB Rice Pty Ltd
- 
- (71) Purac Biochem B.V.  
 (11) AU-A-2018333784  
 (21) 2018333784 (22) 11.09.2018  
 (54) Meat treatment  
 (51) Int. Cl.  
*A23B 4/12* ( 2006.01 )  
*A23B 4/20* ( 2006.01 )  
*A23L 3/3481* ( 2006.01 )  
 (87) WO2019/054859  
 (31) PCT/NL2017/050593 (32) 12.09.17 (33) NL  
 (43) 21.03.2019  
 (72) KUMAR, Saurabh; VERHEEZEN, Jacobus Johannes Adriana Maria; PRITAWARDANI, Prita  
 (74) Griffith Hack
- 
- (71) PYMAN, R.  
 (11) AU-A-2019312560  
 (21) 2019312560 (22) 25.09.2019  
 (54) IMPROVEMENTS TO MULTIFUNCTION SOLAR UTILITY PANELS  
 (51) Int. Cl.  
*C02F 1/14* ( 2006.01 )  
*F24S 80/00* ( 2018.01 )  
*H02S 40/44* ( 2014.01 )  
 (31) 2018903604 (32) 25.09.18 (33) AU  
 (43) 09.04.2020  
 (72) PYMAN, Robert James; THOMSON, Richard William; DUNN, Darren Geoffrey  
 (74) Collison & Co
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2018354175  
 (21) 2018354175 (22) 23.10.2018
- 
- (54) Channel and synchronization raster  
 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
 (87) WO2019/084032  
 (31) 16/166,960 (32) 22.10.18 (33) US  
 62/576,461 24.10.17 US  
 (43) 02.05.2019  
 (72) GHEORGHIU, Valentin Alexandru; KITAZOE, Masato; GAAL, Peter  
 (74) Madderns Pty Ltd
- 
- (71) Radiance Therapeutics, Inc.  
 (11) AU-A-2018329662  
 (21) 2018329662 (22) 04.09.2018  
 (54) Methods, systems, and compositions for maintaining functioning drainage blebs associated with foreign bodies  
 (51) Int. Cl.  
*A61N 5/10* ( 2006.01 )  
 (87) WO2019/050863  
 (31) 1714392.6 (32) 07.09.17 (33) GB  
 (43) 14.03.2019  
 (72) MARSTELLER, Laurence J.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Raytheon Canada Limited  
 (11) AU-A-2017434772  
 (21) 2017434772 (22) 06.10.2017  
 (54) Open frame reflex pivot mechanics  
 (51) Int. Cl.  
*F41G 1/30* ( 2006.01 )  
*F41G 1/387* ( 2006.01 )  
 (87) WO2019/068165  
 (43) 11.04.2019  
 (72) CONNOLLY, John M.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Rebiotx, Inc.  
 (11) AU-A-2018347619  
 (21) 2018347619 (22) 12.10.2018  
 (54) Microbiome health index  
 (51) Int. Cl.  
*C12Q 1/689* ( 2018.01 )  
 (87) WO2019/075426  
 (31) 62/571,907 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (72) BLOUNT, Kenneth F.; SHANNON, William Douglas; DEYCH, Elena; JONES, Courtney; FLUET, Gregory J.  
 (74) Griffith Hack
- 
- (71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2018366290  
 (21) 2018366290 (22) 09.11.2018  
 (54) Non-human animals comprising  
 (51) Int. Cl.  
*A01K 67/027* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
 (87) WO2019/094735  
 (31) 62/689,945 (32) 26.06.18 (33) US  
 62/584,228 10.11.17 US  
 62/666,337 03.05.18 US  
 (43) 16.05.2019  
 (72) KLEINER, Sandra; ROJAS, Jose F.; GROMADA, Jesper  
 (74) Phillips Ormonde Fitzpatrick

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

- (71) Ricoh Company, Ltd.  
 (11) AU-A-2018363912  
 (21) 2018363912 (22) 06.11.2018  
 (54) Fabricating apparatus and method for manufacturing fabrication object  
 (51) Int. Cl.  
**B29C 64/241** ( 2017.01 )  
**B29C 64/118** ( 2017.01 )  
**B29C 64/295** ( 2017.01 )  
 (87) WO2019/093330  
 (31) 2018-097691 (32) 22.05.18 (33) JP  
 2017-216116 09.11.17 JP  
 (43) 16.05.2019  
 (72) ARAO, Tsuyoshi; ITO, Yoichi; TAKAI, Atsushi; AOKI, Daisuke; TAKEYAMA, Yoshinobu  
 (74) WRAYS PTY LTD
- 
- (71) RxSafe LLC  
 (11) AU-A-2018347638  
 (21) 2018347638 (22) 15.10.2018  
 (54) Universal feed mechanism for automatic packager  
 (51) Int. Cl.  
**A61J 7/00** ( 2006.01 )  
**B65B 1/00** ( 2006.01 )  
**B65B 1/10** ( 2006.01 )  
**G07F 17/00** ( 2006.01 )  
 (87) WO2019/075462  
 (31) 62/710,353 (32) 16.02.18 (33) US  
 62/572,204 13.10.17 US  
 (43) 18.04.2019  
 (72) HOLMES, William K.  
 (74) Griffith Hack
- 
- (71) Sakura Finetek U.S.A., Inc.  
 (11) AU-A-2018348080  
 (21) 2018348080 (22) 09.10.2018  
 (54) Tissue cassette reader  
 (51) Int. Cl.  
**G01N 1/31** ( 2006.01 )  
**G01N 1/36** ( 2006.01 )  
**G01N 35/00** ( 2006.01 )  
 (87) WO2019/074941  
 (31) 62/570,077 (32) 09.10.17 (33) US  
 16/154,634 08.10.18 US  
 (43) 18.04.2019  
 (72) VON BUEREN, Erico; GREENLEE, Joshua  
 (74) Spruson & Ferguson
- 
- (71) Salens Toys (Shanghai) Co., Ltd.  
 (11) AU-A-2018405438  
 (21) 2018405438 (22) 10.10.2018  
 (54) Magnetic sheet  
 (51) Int. Cl.  
**A63H 33/26** ( 2006.01 )  
 (31) 201811116957.7 (32) 25.09.18 (33) CN  
 (43) 09.04.2020  
 (72) Zhou, Zhiwei  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Salts Healthcare Limited  
 (11) AU-A-2018336051  
 (21) 2018336051 (22) 21.09.2018  
 (54) An ostomy appliance  
 (51) Int. Cl.  
**A61F 5/445** ( 2006.01 )  
 (87) WO2019/058124  
 (31) 1715388.3 (32) 22.09.17 (33) GB  
 (43) 28.03.2019  
 (72) WILLIAMS, Kieran; TRETHERWAY, Lee; POWNER, Iain; ALFARO, Jesus; ALLEN, Marcus  
 (74) Spruson & Ferguson
- 
- (71) Salts Healthcare Limited  
 (11) AU-A-2018337918  
 (21) 2018337918 (22) 21.09.2018  
 (54) An ostomy appliance  
 (51) Int. Cl.  
**A61F 5/445** ( 2006.01 )  
 (87) WO2019/058128  
 (31) 1715395.8 (32) 22.09.17 (33) GB  
 (43) 28.03.2019  
 (72) TRETHERWAY, Lee; ALLEN, Marcus; POWNER, Iain; ALFARO, Jesus; WILLIAMS, Kieran  
 (74) Griffith Hack
- 
- (71) Salts Healthcare Limited  
 (11) AU-A-2018337919  
 (21) 2018337919 (22) 21.09.2018  
 (54) A drainable ostomy appliance  
 (51) Int. Cl.  
**A61F 5/445** ( 2006.01 )  
 (87) WO2019/058129  
 (31) 1715401.4 (32) 22.09.17 (33) GB  
 (43) 28.03.2019  
 (72) TRETHERWAY, Lee; HOWARD, Lee; POWNER, Iain; ALFARO, Jesus  
 (74) Griffith Hack
- 
- (71) Sanofi  
 (11) AU-A-2018319565  
 (21) 2018319565 (22) 22.08.2018  
 (54) Treatment of abnormal bone conditions in acid sphingomyelinase deficiency patients  
 (51) Int. Cl.  
**A61K 38/46** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
 (87) WO2019/038685  
 (31) 62/549,732 (32) 24.08.17 (33) US  
 17306720.8 07.12.17 EP  
 (43) 28.02.2019  
 (72) SCHEIDT-PUGA, Ana Cristina  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Schreder S.A.  
 (11) AU-A-2018332082  
 (21) 2018332082 (22) 17.09.2018  
 (54) Air quality pole module and lamp post comprising such a module  
 (51) Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**F21S 8/08** ( 2006.01 )  
**G01N 1/22** ( 2006.01 )  
**G01N 15/06** ( 2006.01 )  
 (87) WO2019/053259  
 (31) 20175657 (32) 18.09.17 (33) BE  
 (43) 21.03.2019  
 (72) BENTLEY, Richard John David  
 (74) Golja Haines & Friend
- 
- (71) Scot Young Research Limited  
 (11) AU-A-2018347780  
 (21) 2018347780 (22) 12.10.2018  
 (54) Head for a cleaning device  
 (51) Int. Cl.  
**A47L 13/16** ( 2006.01 )  
**A47L 13/256** ( 2006.01 )  
**A47L 13/258** ( 2006.01 )  
**A47L 13/44** ( 2006.01 )  
 (87) WO2019/073250  
 (31) 1716811.3 (32) 13.10.17 (33) GB  
 (43) 18.04.2019  
 (72) YOUNG, Ronald Alexander  
 (74) Michael Buck IP
- 
- (71) Sen-Jam Pharmaceutical LLC  
 (11) AU-A-2018333952  
 (21) 2018333952 (22) 17.09.2018  
 (54) Methods and compositions to inhibit symptoms associated with opioid withdrawal  
 (51) Int. Cl.  
**A61K 31/19** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 31/4535** ( 2006.01 )  
**A61P 25/30** ( 2006.01 )  
**A61P 25/36** ( 2006.01 )  
 (87) WO2019/055939  
 (31) 62/560,023 (32) 18.09.17 (33) US  
 (43) 21.03.2019  
 (72) IVERSEN, Jacqueline; DAHL, Thomas A.  
 (74) Spruson & Ferguson
- 
- (71) Sen-Jam Pharmaceutical LLC  
 (11) AU-A-2018333954  
 (21) 2018333954 (22) 17.09.2018  
 (54) Methods and compositions to inhibit dependence on opioids  
 (51) Int. Cl.  
**C07D 213/67** ( 2006.01 )  
**A61K 31/4415** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
 (87) WO2019/055941  
 (31) 62/560,046 (32) 18.09.17 (33) US  
 (43) 21.03.2019  
 (72) IVERSEN, Jacqueline; DAHL, Thomas A.  
 (74) Spruson & Ferguson
- 
- (71) SERAFINI, P.A.  
 (11) AU-A-2018337670  
 (21) 2018337670 (22) 20.09.2018  
 (54) Gaming apparatus and method for playing a game  
 (51) Int. Cl.  
**A63F 3/00** ( 2006.01 )  
**A63F 9/04** ( 2006.01 )  
 (87) WO2019/056064  
 (31) 2017903827 (32) 20.09.17 (33) AU  
 (43) 28.03.2019  
 (72) SERAFINI, Paolo Adriano  
 (74) Patenteur Pty Ltd

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

- (71) ShadePower Group Pty Ltd  
 (11) AU-A-2018326390  
 (21) 2018326390 (22) 29.08.2018  
 (54) Solar roof structure  
 (51) Int. Cl.  
 F24S 25/634 ( 2018.01 )  
 F24S 20/67 ( 2018.01 )  
 F24S 25/61 ( 2018.01 )  
 H02S 20/23 ( 2014.01 )  
 (87) WO2019/040986  
 (31) 2017903516 (32) 31.08.17 (33) AU  
 (43) 07.03.2019  
 (72) FERRIS, Andrew; KOHLER, Howard;  
 KOHLER, Myles  
 (74) Summit IP
- 
- (71) SharkNinja Operating LLC  
 (11) AU-A-2018336913  
 (21) 2018336913 (22) 20.09.2018  
 (54) Hand-held surface cleaning device  
 (51) Int. Cl.  
 A47L 5/24 ( 2006.01 )  
 A47L 9/28 ( 2006.01 )  
 A47L 9/32 ( 2006.01 )  
 (87) WO2019/060564  
 (31) 62/619,309 (32) 19.01.18 (33) US  
 62/561,851 22.09.17 US  
 62/616,908 12.01.18 US  
 62/585,320 13.11.17 US  
 (43) 28.03.2019  
 (72) TONDERYS, Daniel; BROWN, Andre D.;  
 INNES, Daniel J.; ANTONISAMI, Bastin;  
 THORNE, Jason B.; XU, Kai; CHEN, Heli-  
 ang  
 (74) Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) Siemens Aktiengesellschaft  
 (11) AU-A-2018363551  
 (21) 2018363551 (22) 15.10.2018  
 (54) Arrangement for the electrolysis of carbon  
 dioxide  
 (51) Int. Cl.  
 C25B 15/08 ( 2006.01 )  
 C25B 1/00 ( 2006.01 )  
 C25B 3/04 ( 2006.01 )  
 C25B 9/08 ( 2006.01 )  
 (87) WO2019/091703  
 (31) 10 2017 219 766.8 (32) 07.11.17 (33) DE  
 (43) 16.05.2019  
 (72) JEANTY, Philippe; MAGORI, Erhard;  
 PASTUSIAK, Remigiusz; SCHERER,  
 Christian; WIESNER-FLEISCHER, Ker-  
 stin  
 (74) Spruson & Ferguson
- 
- (71) Sigilon Therapeutics, Inc.  
 (11) AU-A-2018338608  
 (21) 2018338608 (22) 27.09.2018  
 (54) Methods, compositions, and implantable  
 elements comprising active cells  
 (51) Int. Cl.  
 A61K 48/00 ( 2006.01 )  
 (87) WO2019/067766  
 (31) 62/563,877 (32) 27.09.17 (33) US  
 62/652,882 04.04.18 US  
 62/652,881 04.04.18 US
- 
- (71) Sinclair, M.  
 (11) AU-A-2018321946  
 (21) 2018321946 (22) 22.08.2018  
 (54) Convertible examination table  
 (51) Int. Cl.  
 A61G 13/00 ( 2006.01 )  
 A47C 4/00 ( 2006.01 )  
 A47C 13/00 ( 2006.01 )  
 A47C 17/04 ( 2006.01 )  
 A47C 17/16 ( 2006.01 )  
 A47C 17/17 ( 2006.01 )  
 (87) WO2019/040622  
 (31) 15/684,368 (32) 23.08.17 (33) US
- 
- (71) SignPath Pharma, Inc.  
 (11) AU-A-2018351499  
 (21) 2018351499 (22) 19.10.2018  
 (54) Protective effect of DMPC, DMPG, DM-  
 PC/DMPG, LysoPG and LysoPC against  
 drugs that cause channelopathies  
 (51) Int. Cl.  
 A61K 9/127 ( 2006.01 )  
 A61K 31/12 ( 2006.01 )  
 A61K 31/445 ( 2006.01 )  
 A61K 31/4545 ( 2006.01 )  
 (87) WO2019/079726  
 (31) 15/788,683 (32) 19.10.17 (33) US  
 (43) 25.04.2019  
 (72) HELSON, Lawrence; SHOPP, George  
 M.; BOUCHARD, Annie; MAJEED,  
 Muhammed  
 (74) Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) Sika Technology AG  
 (11) AU-A-2018376334  
 (21) 2018376334 (22) 29.11.2018  
 (54) A sealing tape with a functional layer  
 (51) Int. Cl.  
 B32B 13/02 ( 2006.01 )  
 B32B 25/14 ( 2006.01 )  
 B32B 27/08 ( 2006.01 )  
 B32B 27/20 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B32B 27/30 ( 2006.01 )  
 B32B 27/32 ( 2006.01 )  
 B32B 27/34 ( 2006.01 )  
 E02B 3/16 ( 2006.01 )  
 E04B 1/66 ( 2006.01 )  
 E04D 5/10 ( 2006.01 )  
 (87) WO2019/106108  
 (31) 17204461.2 (32) 29.11.17 (33) EP  
 (43) 06.06.2019  
 (72) BULLONI, Matia; ZROTZ, Roy;  
 SCHÖNBRODT, Simon; BÄRTSCH,  
 Christoph; VON ROTZ, Josef  
 (74) WRAYS PTY LTD
- 
- (71) Sinclair, M.  
 (11) AU-A-2018321946  
 (21) 2018321946 (22) 22.08.2018  
 (54) Convertible examination table  
 (51) Int. Cl.  
 A61G 13/00 ( 2006.01 )  
 A47C 4/00 ( 2006.01 )  
 A47C 13/00 ( 2006.01 )  
 A47C 17/04 ( 2006.01 )  
 A47C 17/16 ( 2006.01 )  
 A47C 17/17 ( 2006.01 )  
 (87) WO2019/040622  
 (31) 15/684,368 (32) 23.08.17 (33) US
- 
- (71) SEWELL, Jered A.; CARMONA, Guil-  
 laume; GONZALEZ, Francisco Caballero;  
 HEIDEBRECHT, Richard; MILLER,  
 Robert James; OBERLI, Matthias Alex-  
 ander; PERITT, David; SMITH, Devyn  
 McKinley; VEISEH, Omid; WOTTON,  
 Paul Kevin; SEWELL, Jered A.  
 (74) Spruson & Ferguson
- 
- (71) SMR Technologies Limited  
 (11) AU-A-2018336108  
 (21) 2018336108 (22) 12.09.2018  
 (54) Suitable reagent for the treatment of high-  
 sulphate waters  
 (51) Int. Cl.  
 C02F 1/52 ( 2006.01 )  
 C01F 7/16 ( 2006.01 )  
 C02F 101/10 ( 2006.01 )  
 C02F 101/20 ( 2006.01 )  
 (87) WO2019/058215  
 (31) 2019582 (32) 20.09.17 (33) NL  
 (43) 28.03.2019  
 (72) PAXTON, Richard George  
 (74) Shelston IP Pty Ltd.
- 
- (71) SMR Technologies Limited  
 (11) AU-A-2018336109  
 (21) 2018336109 (22) 12.09.2018  
 (54) New process for the treatment of high  
 sulphate waters  
 (51) Int. Cl.  
 C02F 1/52 ( 2006.01 )  
 C02F 1/66 ( 2006.01 )  
 C02F 1/38 ( 2006.01 )  
 C02F 101/10 ( 2006.01 )  
 C02F 103/10 ( 2006.01 )  
 (87) WO2019/058216  
 (31) 2019581 (32) 20.09.17 (33) NL  
 (43) 28.03.2019  
 (72) PAXTON, Richard George  
 (74) Shelston IP Pty Ltd.
- 
- (71) Societe Des Produits Nestle S.A  
 (11) AU-A-2018376156  
 (21) 2018376156 (22) 27.11.2018  
 (54) Creamers with improved texture/mouthfeel  
 and method of making thereof  
 (51) Int. Cl.  
 A23C 9/152 ( 2006.01 )  
 A23C 11/04 ( 2006.01 )  
 A23C 11/08 ( 2006.01 )  
 A23F 3/14 ( 2006.01 )  
 A23F 5/00 ( 2006.01 )  
 A23L 2/52 ( 2006.01 )  
 (87) WO2019/105908  
 (31) 62/593,331 (32) 01.12.17 (33) US  
 (43) 06.06.2019  
 (72) BEZELGUES, Jean-Baptiste; OCTAVIA,  
 Winnie; NELSON, Richard; FU, Xiaoping;  
 FU, Jun-Tse Ray; SHER, Alexander A  
 (74) Shelston IP Pty Ltd.
- 
- (71) Societe des Produits Nestle S.A.  
 (11) AU-A-2018373653  
 (21) 2018373653 (22) 20.11.2018  
 (54) Compositions and methods using oleur-  
 opein or curcumin for muscle quality and/or  
 muscle mass  
 (51) Int. Cl.  
 A23L 33/105 ( 2016.01 )  
 A61K 36/63 ( 2006.01 )  
 A61K 36/9066 ( 2006.01 )

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

- A61P 21/06* ( 2006.01 )  
*A61P 39/06* ( 2006.01 )  
**(87)** WO2019/101700  
**(31)** 62/589,208 **(32)** 21.11.17 **(33)** US  
**(43)** 31.05.2019  
**(72)** BOUTRY, Claire; BREUILLE, Denis;  
 HORCAJADA, Marie Noëlle  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Sofar S.p.A.  
**(11)** AU-A-2018333114  
**(21)** 2018333114 **(22)** 12.09.2018  
**(54)** New use for treatment of Clostridium difficile infections  
**(51)** Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 35/747* ( 2015.01 )  
*A61P 1/00* ( 2006.01 )  
**(87)** WO2019/053604  
**(31)** 102017000101704 **(32)** 12.09.17 **(33)** IT  
**(43)** 21.03.2019  
**(72)** BIFFI, Andrea  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Sonitor Technologies AS  
**(11)** AU-A-2018319422  
**(21)** 2018319422 **(22)** 22.08.2018  
**(54)** Position determining system determining Doppler-induced code phase deviation  
**(51)** Int. Cl.  
*G01S 5/18* ( 2006.01 )  
*G01S 5/26* ( 2006.01 )  
*G01S 5/30* ( 2006.01 )  
**(87)** WO2019/038542  
**(31)** 1713639.1 **(32)** 24.08.17 **(33)** GB  
**(43)** 28.02.2019  
**(72)** BOOIJ, Wilfred Edwin  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Sorrento Therapeutics, Inc.  
**(11)** AU-A-2018327301  
**(21)** 2018327301 **(22)** 11.09.2018  
**(54)** Formulation of resiniferatoxin  
**(51)** Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/357* ( 2006.01 )  
**(87)** WO2019/049112  
**(31)** 62/556,824 **(32)** 11.09.17 **(33)** US  
**(43)** 14.03.2019  
**(72)** JONES, Bryan; NAHAMA, Alexis  
**(74)** FB Rice Pty Ltd
- 
- (71)** Special Projects Operations, Inc.  
**(11)** AU-A-2018341980  
**(21)** 2018341980 **(22)** 21.09.2018  
**(54)** Integrated manifold system  
**(51)** Int. Cl.  
*F17C 13/04* ( 2006.01 )  
*F17C 7/00* ( 2006.01 )  
**(87)** WO2019/067317  
**(31)** 16/137,847 **(32)** 21.09.18 **(33)** US  
 62/563,714 27.09.17 US  
**(43)** 04.04.2019  
**(72)** HANSEN, Brennan  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Sphingotec GmbH  
**(11)** AU-A-2018356370  
**(21)** 2018356370 **(22)** 23.10.2018  
**(54)** Selenoprotein P for prediction of a first cardiovascular event  
**(51)** Int. Cl.  
*G01N 33/68* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
**(87)** WO2019/081504  
**(31)** 17198129.3 **(32)** 24.10.17 **(33)** EP  
 18162206.9 16.03.18 EP  
**(43)** 02.05.2019  
**(72)** BERGMANN, Andreas; MELANDER, Olle  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Spinal Singularity, Inc.  
**(11)** AU-A-2018342615  
**(21)** 2018342615 **(22)** 01.10.2018  
**(54)** Indwelling catheter, catheter introducer mating device and system comprising both  
**(51)** Int. Cl.  
*A61M 25/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/20* ( 2006.01 )  
*A61F 2/00* ( 2006.01 )  
*A61F 2/04* ( 2013.01 )  
*A61M 25/01* ( 2006.01 )  
*A61M 39/22* ( 2006.01 )  
*A61M 39/24* ( 2006.01 )  
**(87)** WO2019/068104  
**(31)** 15/721,096 **(32)** 29.09.17 **(33)** US  
 15/785,405 16.10.17 US  
 15/785,398 16.10.17 US  
 15/785,403 16.10.17 US  
**(43)** 04.04.2019  
**(72)** HERRERA, Derek; KASALKO, Jeff  
**(74)** FB Rice Pty Ltd
- 
- (71)** Sprint Bioscience AB  
**(11)** AU-A-2018320418  
**(21)** 2018320418 **(22)** 23.08.2018  
**(54)** Pyridinamine-pyridone and pyrimidinamine-pyridone compounds  
**(51)** Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 498/14* ( 2006.01 )  
**(87)** WO2019/038389  
**(31)** 17187560.2 **(32)** 23.08.17 **(33)** EP  
**(43)** 28.02.2019  
**(72)** LINDSTRÖM, Johan; FORSBLOM, Rickard; GINMAN, Tobias; RAHM, Fredrik; VIKLUND, Jenny  
**(74)** WRAYS PTY LTD
- 
- (71)** Sprint Bioscience AB  
**(11)** AU-A-2018320419  
**(21)** 2018320419 **(22)** 23.08.2018  
**(54)** Morpholinylpyridone compounds  
**(51)** Int. Cl.  
*C07D 413/14* ( 2006.01 )  
*A61K 31/5355* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
**(87)** WO2019/038390  
**(31)** 17187567.7 **(32)** 23.08.17 **(33)** EP
- 
- (43)** 28.02.2019  
**(72)** LINDSTRÖM, Johan; FORSBLOM, Rickard; VIKLUND, Jenny  
**(74)** WRAYS PTY LTD
- 
- (71)** Star Scientific Limited  
**(11)** AU-A-2018322486  
**(21)** 2018322486 **(22)** 22.08.2018  
**(54)** Compositions, methods, and apparatuses for catalytic combustion  
**(51)** Int. Cl.  
*B01J 23/89* ( 2006.01 )  
*B01J 19/00* ( 2006.01 )  
*B01J 37/34* ( 2006.01 )  
**(87)** WO2019/036762  
**(31)** 62/549,816 **(32)** 24.08.17 **(33)** US  
**(43)** 28.02.2019  
**(72)** HEATON, Steven James; KIRK, Samuel James  
**(74)** Dark IP
- 
- (71)** Stepan Company  
**(11)** AU-A-2018348031  
**(21)** 2018348031 **(22)** 09.10.2018  
**(54)** Polymeric dispersants from phenyl glycidyl ether  
**(51)** Int. Cl.  
*C08G 65/26* ( 2006.01 )  
*C08G 59/18* ( 2006.01 )  
**(87)** WO2019/074878  
**(31)** 62/684,329 **(32)** 13.06.18 **(33)** US  
 62/570,275 10.10.17 US  
**(43)** 18.04.2019  
**(72)** BOEBEL, Timothy A.; DONG, Xue Min; ROJAS, E. Carolina; LUKA, Renee; LUEBKE, Gary; KNOX, Paul W.  
**(74)** Adrian M Trioli Patent and Trade Mark Attorney
- 
- (71)** Stoke Therapeutics, Inc.  
**(11)** AU-A-2018322319  
**(21)** 2018322319 **(22)** 24.08.2018  
**(54)** Antisense oligomers for treatment of conditions and diseases  
**(51)** Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*C12N 15/113* ( 2010.01 )  
**(87)** WO2019/040923  
**(31)** 62/671,745 **(32)** 15.05.18 **(33)** US  
 62/550,462 25.08.17 US  
 62/667,356 04.05.18 US  
 62/575,901 23.10.17 US  
**(43)** 28.02.2019  
**(72)** AZNAREZ, Isabel; HAN, Zhou  
**(74)** FB Rice Pty Ltd
- 
- (71)** Stone Three Digital (Pty) Ltd  
**(11)** AU-A-2018327270  
**(21)** 2018327270 **(22)** 06.09.2018  
**(54)** Froth segmentation in flotation cells  
**(51)** Int. Cl.  
*B03D 1/02* ( 2006.01 )  
*G06K 9/34* ( 2006.01 )  
**(87)** WO2019/049060  
**(31)** 2017/06114 **(32)** 08.09.17 **(33)** ZA

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

- (43) 14.03.2019  
 (72) IRWIN, Shaun George; BOTHA, Kristo; VAN DER BILJ, Leendert  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Sun Yat-Sen University  
 (11) AU-A-2017432420  
 (21) 2017432420 (22) 19.09.2017  
 (54) Application of AMD3100 in preparation of drug for treatment and/or prevention of dyscrasia, and pharmaceutical composition thereof  
 (51) Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2019/056175  
 (43) 28.03.2019  
 (72) XIANG, Peng; WANG, Jiancheng  
 (74) Madderns Pty Ltd
- 
- (71) Sustainable Bioproducts, Inc.  
 (11) AU-A-2018324028  
 (21) 2018324028 (22) 29.08.2018  
 (54) Edible composition with filamentous fungi and bioreactor system for the cultivation thereof  
 (51) Int. Cl.  
**A23L 33/195** ( 2016.01 )  
**A01G 18/64** ( 2018.01 )  
**A01G 18/66** ( 2018.01 )  
**A23J 3/20** ( 2006.01 )  
**A23L 31/00** ( 2016.01 )  
**C12R 1/645** ( 2006.01 )  
**C12R 1/77** ( 2006.01 )  
 (87) WO2019/046480  
 (31) 62/552,093 (32) 30.08.17 (33) US  
 62/722,074 23.08.18 US  
 (43) 07.03.2019  
 (72) KOZUBAL, Mark A.; MACUR, Richard E.; AVNIEL, Yuval C.; HAMILTON, Maximilian DeVane  
 (74) Madderns Pty Ltd
- 
- (71) Suzhou Ribo Life Science Co., Ltd  
 (11) AU-A-2018377716  
 (21) 2018377716 (22) 29.11.2018  
 (54) Nucleic acid, composition and conjugate containing same, and preparation method and use  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
 (87) WO2019/105437  
 (31) 201711482970.X (32) 29.12.17 (33) CN  
 201711249333.8 01.12.17 CN  
 (43) 06.06.2019  
 (72) ZHANG, Hongyan; GAO, Shan; KANG, Daiwu  
 (74) Spruson & Ferguson
- 
- (71) Suzhou Ribo Life Science Co., Ltd.  
 (11) AU-A-2018394875  
 (21) 2018394875 (22) 29.11.2018  
 (54) Conjugates and preparation and use thereof  
 (51) Int. Cl.
- C07H 15/04** ( 2006.01 )  
**A61K 47/50** ( 2017.01 )  
**A61P 1/16** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
 (87) WO2019/128611  
 (31) 201811165363.5 (32) 30.09.18 (33) CN  
 201711479058.9 29.12.17 CN  
 (43) 04.07.2019  
 (72) ZHANG, Hongyan; YANG, Zhiwei; CAO, Liqiang; WAN, Liangyi  
 (74) Spruson & Ferguson
- 
- (71) Swellfix UK Limited  
 (11) AU-A-2018343118  
 (21) 2018343118 (22) 27.09.2018  
 (54) Method and apparatus for controlling downhole water production  
 (51) Int. Cl.  
**E21B 34/14** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**E21B 43/14** ( 2006.01 )  
**E21B 43/32** ( 2006.01 )  
 (87) WO2019/064008  
 (31) 1715649.8 (32) 27.09.17 (33) GB  
 (43) 04.04.2019  
 (72) HUNTER, John; WILSON, Anthony  
 (74) Griffith Hack
- 
- (71) SWM Luxembourg Sarl  
 (11) AU-A-2018346455  
 (21) 2018346455 (22) 08.10.2018  
 (54) Reconstituted plant sheet for devices that heat tobacco without burning it  
 (51) Int. Cl.  
**A24B 15/12** ( 2006.01 )  
**A24F 47/00** ( 2006.01 )  
 (87) WO2019/068930  
 (31) 17 59393 (32) 06.10.17 (33) FR  
 (43) 11.04.2019  
 (72) BILLON, Jérôme; JARDIN, Cédric; ROUILLARD, Stéphane  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Taylor Commercial Foodservice Inc.  
 (11) AU-A-2018346251  
 (21) 2018346251 (22) 03.10.2018  
 (54) Cook-to-order grill and grill method  
 (51) Int. Cl.  
**A47J 37/06** ( 2006.01 )  
**A47J 37/04** ( 2006.01 )  
**A47J 44/00** ( 2006.01 )  
 (87) WO2019/070781  
 (31) 62/568,393 (32) 05.10.17 (33) US  
 (43) 11.04.2019  
 (72) NELSON, Dennis J.  
 (74) FB Rice Pty Ltd
- 
- (71) Taylor Commercial Foodservice Inc.  
 (11) AU-A-2018346347  
 (21) 2018346347 (22) 04.10.2018  
 (54) Matrix configured grill apparatus  
 (51) Int. Cl.  
**B25J 11/00** ( 2006.01 )  
**B25J 9/16** ( 2006.01 )  
 (87) WO2019/070959  
 (31) 62/569,083 (32) 06.10.17 (33) US
- 
- (43) 11.04.2019  
 (72) MINARD, James J.  
 (74) FB Rice Pty Ltd
- 
- (71) Taylor Commercial Foodservice Inc.  
 (11) AU-A-2018347508  
 (21) 2018347508 (22) 04.10.2018  
 (54) Latch for movable grill  
 (51) Int. Cl.  
**A47J 37/06** ( 2006.01 )  
 (87) WO2019/074756  
 (31) 62/569,906 (32) 09.10.17 (33) US  
 (43) 18.04.2019  
 (72) PAHNKE, Carl, A.; NELSON, Dennis J.; NORRIS, Christopher P.; SANDS, Jeffrey L.; MATZ, Nathan A.; FREYMILLER, Otley Dwight  
 (74) FB Rice Pty Ltd
- 
- (71) Technische Universität Berlin  
 (11) AU-A-2018342994  
 (21) 2018342994 (22) 01.10.2018  
 (54) Method for treating cancer with a Coxsackievirus B3 (CVB3) variant  
 (51) Int. Cl.  
**A61K 35/768** ( 2015.01 )  
**C12N 7/08** ( 2006.01 )  
 (87) WO2019/063838  
 (31) 15/720,850 (32) 29.09.17 (33) US  
 (43) 04.04.2019  
 (72) FECHNER, Henry; HAZINI, Ahmet; BRÜCKNER, Vanessa  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) The Bionics Institute of Australia; The University of Melbourne  
 (11) AU-A-2018337076  
 (21) 2018337076 (22) 20.09.2018  
 (54) Method of treatment  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61P 27/16** ( 2006.01 )  
 (87) WO2019/056061  
 (31) 2018902513 (32) 11.07.18 (33) AU  
 2017903829 20.09.17 AU  
 2017903828 20.09.17 AU  
 (43) 28.03.2019  
 (72) WISE, Andrew; SHEPHERD, Robert; CARUSO, Frank  
 (74) FB Rice Pty Ltd
- 
- (71) The Bionics Institute of Australia; The University of Melbourne  
 (11) AU-A-2018337668  
 (21) 2018337668 (22) 20.09.2018  
 (54) Improved supraparticles  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
 (87) WO2019/056062  
 (31) 2017903828 (32) 20.09.17 (33) AU  
 2018902513 11.07.18 AU



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

- A61K 31/5375** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2019/070677  
**(31)** 62/566,992 **(32)** 02.10.17 **(33)** US  
**(43)** 11.04.2019  
**(72)** GARCIA-GARCIA, Jose Carlos; GERBERICK, George Franklin; WOS, John August; HAZEN, Stanley Leon; GU, Xiaodong  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** The Procter & Gamble Company; The Cleveland Clinic Foundation  
**(11)** AU-A-2018345749  
**(21)** 2018345749 **(22)** 02.10.2018  
**(54)** Methods for inhibiting conversion of choline to trimethylamine (TMA)  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/14** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2019/070678  
**(31)** 62/567,010 **(32)** 02.10.17 **(33)** US  
**(43)** 11.04.2019  
**(72)** GARCIA-GARCIA, Jose Carlos; GERBERICK, George Franklin; HAZEN, Stanley Leon; GU, Xiaodong  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** The Product Makers (Australia) Pty Ltd  
**(11)** AU-A-2018326393  
**(21)** 2018326393 **(22)** 30.08.2018  
**(54)** Improving the taste of consumables  
**(51)** Int. Cl.  
**A23L 29/30** ( 2016.01 )  
**A23L 2/56** ( 2006.01 )  
**A23L 27/30** ( 2016.01 )  
**A23L 33/105** ( 2016.01 )  
**C13B 20/12** ( 2011.01 )  
**C13B 20/14** ( 2011.01 )  
**(87)** WO2019/040989  
**(31)** 2017903513 **(32)** 31.08.17 **(33)** AU  
**(43)** 07.03.2019  
**(72)** MITCHELL, Shane; KITCHEN, Barry; MACNAB, Gregor; NEOH, Julian; FLAVEL, Matthew  
**(74)** FB Rice Pty Ltd
- 
- (71)** Theravance Biopharma R&D IP, LLC  
**(11)** AU-A-2018354370  
**(21)** 2018354370 **(22)** 26.10.2018  
**(54)** Pyrimidine compound as JAK kinase inhibitor  
**(51)** Int. Cl.  
**C07D 451/14** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 451/04** ( 2006.01 )  
**(87)** WO2019/084383  
**(31)** 62/577,852 **(32)** 27.10.17 **(33)** US  
**(43)** 02.05.2019  
**(72)** KOZAK, Jennifer; HUDSON, Ryan; BRANDT, Gary E.L.; MCKINNELL, Robert Murray; DABROS, Marta; NZEREM, Jerry  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** The Regents of the University of California  
**(11)** AU-A-2018350793  
**(21)** 2018350793 **(22)** 04.10.2018  
**(54)** Controlling fungal pathogens using RNAi-based strategy  
**(51)** Int. Cl.  
**C12N 15/87** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**(87)** WO2019/079044  
**(31)** 62/573,546 **(32)** 17.10.17 **(33)** US  
**(43)** 25.04.2019  
**(72)** JIN, Hailing  
**(74)** Spruson & Ferguson
- 
- (71)** The Regents of the University of California  
**(11)** AU-A-2018401700  
**(21)** 2018401700 **(22)** 28.09.2018  
**(54)** Method of generating monodisperse emulsions  
**(51)** Int. Cl.  
**A61K 9/50** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**B01J 13/02** ( 2006.01 )  
**(87)** WO2019/139650  
**(31)** 62/565,976 **(32)** 29.09.17 **(33)** US  
**(43)** 18.07.2019  
**(72)** ABATE, Adam R.; HATORI, Makiko N.; LIU, Leqian; KIM, Samuel; MODAVI, Cyrus  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** The United States of America, as represented by The Secretary, Department of Health and Human Services  
**(11)** AU-A-2018335274  
**(21)** 2018335274 **(22)** 19.09.2018  
**(54)** HLA class II-restricted T cell receptors against mutated RAS  
**(51)** Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**C07K 14/82** ( 2006.01 )  
**(87)** WO2019/060349  
**(31)** 62/560,930 **(32)** 20.09.17 **(33)** US  
**(43)** 28.03.2019  
**(72)** YOSEPH, Rami; CAFRI, Gal; ROBBINS, Paul F.; ROSENBERG, Steven A.  
**(74)** Spruson & Ferguson
- 
- (71)** The University of British Columbia; CDRD Ventures Inc.  
**(11)** AU-A-2018338418  
**(21)** 2018338418 **(22)** 19.09.2018  
**(54)** Anti-HLA-A2 antibodies and methods of using the same  
**(51)** Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61K 35/14** ( 2015.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )
- 
- C12N 15/62** ( 2006.01 )  
**(87)** WO2019/056099  
**(31)** 62/560,574 **(32)** 19.09.17 **(33)** US  
 62/692,386 29.06.18 US  
**(43)** 28.03.2019  
**(72)** LEVINGS, Megan; ORBAN, Paul; DAWSON, Nicholas; LAMARCHE, Caroline; BERGQVIST, Jan Peter  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** The University of British Columbia; Sangamo Therapeutics France  
**(11)** AU-A-2018338423  
**(21)** 2018338423 **(22)** 20.09.2018  
**(54)** Novel anti-HLA-A2 antibodies and uses thereof  
**(51)** Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**(87)** WO2019/056106  
**(31)** 62/691,027 **(32)** 28.06.18 **(33)** US  
 62/560,841 20.09.17 US  
**(43)** 28.03.2019  
**(72)** ZHOU, Li; ABEL, Tobias; MEYER, François; LEVINGS, Megan; DAWSON, Nicolas; LAMARCHE, Caroline  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Tillotts Pharma AG  
**(11)** AU-A-2018337495  
**(21)** 2018337495 **(22)** 11.09.2018  
**(54)** Antibody variants  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**(87)** WO2019/057564  
**(31)** 17191989.7 **(32)** 19.09.17 **(33)** EP  
**(43)** 28.03.2019  
**(72)** FURRER, Esther Maria  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** TOMRA Sorting GmbH  
**(11)** AU-A-2018326579  
**(21)** 2018326579 **(22)** 03.09.2018  
**(54)** Classification method and apparatus  
**(51)** Int. Cl.  
**B07C 5/342** ( 2006.01 )  
**(87)** WO2019/043231  
**(31)** 17189017.1 **(32)** 01.09.17 **(33)** EP  
**(43)** 07.03.2019  
**(72)** BALTHASAR, Dirk; MAYER, Michael; MCGLOUGHLIN, John  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** ToolGen Incorporated  
**(11)** AU-A-2018339164  
**(21)** 2018339164 **(22)** 27.09.2018  
**(54)** Artificial genome manipulation for gene expression regulation  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )

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

- A61K 48/00** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )
- (87) WO2019/066490  
(31) 62/564,478 (32) 28.09.17 (33) US  
62/565,868 29.09.17 US  
(43) 04.04.2019  
(72) KIM, Seok Joong; SONG, Dong Woo;  
LEE, Jae Young; LEE, Jung Min; CHO,  
Gyu Bon; BAE, Hee Sook  
(74) Griffith Hack
- 
- (71) Toray Industries, Inc.  
(11) AU-A-2018342736  
(21) 2018342736 (22) 28.09.2018  
(54) Porous hollow fiber membrane and method  
for producing same  
(51) Int. Cl.  
**B01D 69/08** ( 2006.01 )  
**B01D 69/00** ( 2006.01 )  
**B01D 69/02** ( 2006.01 )  
**B01D 69/10** ( 2006.01 )  
**B01D 69/12** ( 2006.01 )  
**B01D 71/12** ( 2006.01 )  
**B01D 71/32** ( 2006.01 )  
**B01D 71/40** ( 2006.01 )  
**B01D 71/44** ( 2006.01 )  
**D06M 15/07** ( 2006.01 )  
**D06M 15/227** ( 2006.01 )  
**D06M 15/263** ( 2006.01 )
- (87) WO2019/066061  
(31) 2018-120565 (32) 26.06.18 (33) JP  
2017-188107 28.09.17 JP  
(43) 04.04.2019  
(72) YASUDA, Takaaki; KOBAYASHI, Kent-  
aro  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Toshiba Mitsubishi-Electric Industrial Sys-  
tems Corporation  
(11) AU-A-2018422116  
(21) 2018422116 (22) 20.09.2018  
(54) Ultrasonic vibration welding apparatus  
(51) Int. Cl.  
**B23K 20/10** ( 2006.01 )
- (43) 09.04.2020  
(72) Yamada, Yoshihito; Ichinose, Akihiro  
(74) Spruson & Ferguson
- 
- (71) Total Solar International; North Carolina  
State University  
(11) AU-A-2017435881  
(21) 2017435881 (22) 09.10.2017  
(54) Decoupled modeling methods and systems  
(51) Int. Cl.  
**G05D 23/19** ( 2006.01 )  
**G06Q 50/06** ( 2012.01 )
- (87) WO2019/074475  
(43) 18.04.2019  
(72) LU, Jian; WANG, Jiyu; LU, Ning; ZENG,  
Wente  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Triple E. Power Ltd.  
(11) AU-A-2018332592
- (21) 2018332592 (22) 20.08.2018  
(54) System and process for transforming  
thermal energy into kinetic energy  
(51) Int. Cl.  
**F01K 25/08** ( 2006.01 )  
**F01K 25/10** ( 2006.01 )  
**F22B 1/16** ( 2006.01 )
- (87) WO2019/053705  
(31) 254492 (32) 13.09.17 (33) IL  
(43) 21.03.2019  
(72) ZETTNER, Michael  
(74) WRAYS PTY LTD
- 
- (71) Tyme, Inc.  
(11) AU-A-2018331453  
(21) 2018331453 (22) 14.09.2018  
(54) Transdermal formulations  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/26** ( 2006.01 )  
**A61K 47/08** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/12** ( 2006.01 )  
**A61K 47/22** ( 2006.01 )
- (87) WO2019/055747  
(31) 62/559,156 (32) 15.09.17 (33) US  
(43) 21.03.2019  
(72) HOFFMAN, Steven  
(74) Davies Collison Cave Pty Ltd
- 
- (71) UMC Utrecht Holding B.V.  
(11) AU-A-2018336017  
(21) 2018336017 (22) 21.09.2018  
(54) Anti-GD2 antibody for the treatment of  
neuroblastoma  
(51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )
- (87) WO2019/059771  
(31) 17192476.4 (32) 21.09.17 (33) EP  
(43) 28.03.2019  
(72) LEUSEN, Jeanette Henrica Wilhelmina;  
EVERS, Johannes Gerardus Maria  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Université de Montréal; Domain Therapeut-  
ics  
(11) AU-A-2018353813  
(21) 2018353813 (22) 15.10.2018  
(54) Systems and methods for the assessment of  
G-protein activation  
(51) Int. Cl.  
**C12Q 1/6897** ( 2018.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )
- (87) WO2019/075556  
(31) 62/573,853 (32) 18.10.17 (33) US  
(43) 25.04.2019  
(72) LE GOUILL, Christian; BOUVIER,  
Michel; LUKASHEVA, Viktoriya;  
HOGUE, Mireille; BRETON, Billy  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) University of Washington  
(11) AU-A-2018335876  
(21) 2018335876 (22) 21.09.2018  
(54) In situ combinatorial labeling of cellular  
molecules  
(51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )
- (87) WO2019/060771  
(31) 62/561,806 (32) 22.09.17 (33) US  
(43) 28.03.2019  
(72) SEELIG, Georg; ROSENBERG, Alexander  
B.; ROCO, Charles  
(74) AJ PARK
- 
- (71) Valmont Industries, Inc.  
(11) AU-A-2018362268  
(21) 2018362268 (22) 25.10.2018  
(54) System and method for irrigation manage-  
ment  
(51) Int. Cl.  
**E03B 7/07** ( 2006.01 )
- (87) WO2019/089336  
(31) 62/578,688 (32) 30.10.17 (33) US  
(43) 09.05.2019  
(72) LARUE, Jacob L.  
(74) James & Wells Intellectual Property
- 
- (71) Veg of Lund AB  
(11) AU-A-2018344852  
(21) 2018344852 (22) 02.10.2018  
(54) Potato emulsion  
(51) Int. Cl.  
**A23L 19/15** ( 2016.01 )  
**A23L 2/02** ( 2006.01 )  
**A23L 19/12** ( 2016.01 )  
**A23L 23/10** ( 2016.01 )
- (87) WO2019/070186  
(31) 1751224-5 (32) 04.10.17 (33) SE  
(43) 11.04.2019  
(72) TORNBERG, Eva  
(74) WRAYS PTY LTD
- 
- (71) Vitality Wellness (NZ) Limited  
(11) AU-A-2018323787  
(21) 2018323787 (22) 28.08.2018  
(54) Improvements in IGF-1 analysis, adjust-  
ment and disease management of non-neur-  
ological and/or neurological conditions  
(51) Int. Cl.  
**A61K 38/12** ( 2006.01 )  
**A61K 36/18** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )
- (87) WO2019/045575  
(31) 742311 (32) 07.05.18 (33) NZ  
735002 28.08.17 NZ  
(43) 07.03.2019  
(72) GUAN, Jian  
(74) CreatelP
- 
- (71) VR Coaster GmbH & Co. KG  
(11) AU-A-2018356316  
(21) 2018356316 (22) 05.10.2018  
(54) VR-device for producing and displaying a  
virtual reality  
(51) Int. Cl.  
**A63F 13/57** ( 2014.01 )



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

**A63F 13/24** ( 2014.01 )  
**A63F 13/428** ( 2014.01 )  
**A63F 13/52** ( 2014.01 )  
**A63G 31/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**(87)** WO2019/081183  
**(31)** 17198096.4 **(32)** 24.10.17 **(33)** EP  
**(43)** 02.05.2019  
**(72)** GORDT, Dennis  
**(74)** Franke Hyland Pty Ltd

**(71)** W.M. Barr & Company, Inc.  
**(11)** AU-A-2018348025  
**(21)** 2018348025 **(22)** 09.10.2018  
**(54)** Automotive paint remover composition and method of making  
**(51)** Int. Cl.  
**C09D 9/00** ( 2006.01 )  
**B08B 7/00** ( 2006.01 )  
**C09D 9/04** ( 2006.01 )  
**(87)** WO2019/074872  
**(31)** 62/569,730 **(32)** 09.10.17 **(33)** US  
 16/154,032 08.10.18 US  
**(43)** 18.04.2019  
**(72)** HAWES, Charles L.; TEAGUE, Tim  
**(74)** WRAYS PTY LTD

**(71)** Waldemar Link GmbH & Co. KG  
**(11)** AU-A-2018350139  
**(21)** 2018350139 **(22)** 11.10.2018  
**(54)** Implantable drug eluting device comprising a microporous structure  
**(51)** Int. Cl.  
**A61L 27/54** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**B29C 64/00** ( 2017.01 )  
**B33Y 70/00** ( 2015.01 )  
**(87)** WO2019/072967  
**(31)** 17195993.5 **(32)** 11.10.17 **(33)** EP  
**(43)** 18.04.2019  
**(72)** BAUER, Eckhard; LINK, Helmut D.  
**(74)** Griffith Hack

**(71)** Weatherford Technology Holdings, LLC  
**(11)** AU-A-2018362224  
**(21)** 2018362224 **(22)** 23.10.2018  
**(54)** Chemical injection valve enhanced sealing capability  
**(51)** Int. Cl.  
**E21B 34/06** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
**E21B 37/06** ( 2006.01 )  
**(87)** WO2019/089272  
**(31)** 15/799,176 **(32)** 31.10.17 **(33)** US  
**(43)** 09.05.2019  
**(72)** JOERPELAND, Sven C.; STOKKELAND, Kaj; STERNAMAN, Brian M.; SALIHBEGOVIC, Zlatko X.  
**(74)** WRAYS PTY LTD

**(71)** Widhalm, S.  
**(11)** AU-A-2017339088  
**(21)** 2017339088 **(22)** 06.10.2017  
**(54)** Device and method for binding dust  
**(51)** Int. Cl.  
**B08B 17/00** ( 2006.01 )

**B05B 9/04** ( 2006.01 )  
**(87)** WO2018/065586  
**(31)** A 50903/2016 **(32)** 06.10.16 **(33)** AT  
 20 2016 105 569.5 06.10.16 DE  
 20 2016 105 570.9 06.10.16 DE  
 20 2016 105 572.5 06.10.16 DE  
**(43)** 12.04.2018  
**(72)** Widhalm, Stefan  
**(74)** Halfords IP

**(71)** WuXi Biologics Ireland Limited  
**(11)** AU-A-2018334886  
**(21)** 2018334886 **(22)** 20.09.2018  
**(54)** Novel bispecific polypeptide complexes  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2019/057122  
**(31)** PCT/ CN2017/103030 **(32)** 22.09.17 **(33)** CN  
**(43)** 28.03.2019  
**(72)** XU, Jianqing; WANG, Zhuozhi; LI, Jing  
**(74)** FB Rice Pty Ltd

**(71)** Yale University  
**(11)** AU-A-2018352167  
**(21)** 2018352167 **(22)** 18.10.2018  
**(54)** Inhibition of androgen receptor by extracts of medicinal herbs and compositions thereof  
**(51)** Int. Cl.  
**A61K 36/886** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/24** ( 2006.01 )  
**A61K 36/28** ( 2006.01 )  
**A61K 36/47** ( 2006.01 )  
**A61K 36/59** ( 2006.01 )  
**A61K 36/708** ( 2006.01 )  
**A61K 36/739** ( 2006.01 )  
**A61K 36/756** ( 2006.01 )  
**A61K 36/82** ( 2006.01 )  
**A61P 13/08** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/077407  
**(31)** 62/574,440 **(32)** 19.10.17 **(33)** US  
**(43)** 25.04.2019  
**(72)** CHENG, Yung-Chi; LAM, Wing; JIANG, Zaoli  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Zaugg Construction GmbH; Lüscher, M.; Zaugg, D.  
**(11)** AU-A-2018345797  
**(21)** 2018345797 **(22)** 03.10.2018  
**(54)** Hammock safety system  
**(51)** Int. Cl.  
**E04G 21/32** ( 2006.01 )  
**E04G 11/50** ( 2006.01 )  
**E04G 17/00** ( 2006.01 )  
**E04G 25/00** ( 2006.01 )  
**(87)** WO2019/069246  
**(31)** 10 2017 123 014.9 **(32)** 04.10.17 **(33)** DE

**(43)** 11.04.2019  
**(72)** LÜSCHER, Manuel; ZAUGG, Daniel  
**(74)** MARTIN IP PTY LTD

**(71)** ZHU, A.  
**(11)** AU-A-2018338119  
**(21)** 2018338119 **(22)** 20.09.2018  
**(54)** Fence accessory  
**(51)** Int. Cl.  
**B32B 3/06** ( 2006.01 )  
**E04H 17/00** ( 2006.01 )  
**E04H 17/14** ( 2006.01 )  
**E04H 17/16** ( 2006.01 )  
**E04H 17/20** ( 2006.01 )  
**(87)** WO2019/060641  
**(31)** 201721213731.X **(32)** 20.09.17 **(33)** CN  
**(43)** 28.03.2019  
**(72)** ZHU, Alan Qing-Lin  
**(74)** Spruson & Ferguson

**(71)** Zodiac Pool Care Europe  
**(11)** AU-A-2018335965  
**(21)** 2018335965 **(22)** 24.09.2018  
**(54)** Swimming pool cleaning apparatus having a debris separation device operating by centrifugal spinning and filtration  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**(87)** WO2019/057968  
**(31)** 62/561,841 **(32)** 22.09.17 **(33)** US  
 1762981 22.12.17 FR  
**(43)** 28.03.2019  
**(72)** PICHON, Philippe; BLANC TAILLEUR, Philippe; MC QUEEN, E. Keith  
**(74)** FB Rice Pty Ltd

**(71)** Zodiac Pool Systems LLC  
**(11)** AU-A-2018345417  
**(21)** 2018345417 **(22)** 25.09.2018  
**(54)** A method and system of cleaning a pool with use of an automated pool cleaner and a device for mapping the pool  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**G05D 1/02** ( 2006.01 )  
**(87)** WO2019/070452  
**(31)** 62/568,045 **(32)** 04.10.17 **(33)** US  
 62/693,565 03.07.18 US  
**(43)** 11.04.2019  
**(72)** VAN DER MEIJDEN, Hendrikus Johannes; MCQUEEN, E. Keith; NEWMAN, Phillip; MILLS, Richard E.  
**(74)** FB Rice Pty Ltd

**(71)** Zodiac Pool Systems LLC  
**(11)** AU-A-2018346609  
**(21)** 2018346609 **(22)** 05.10.2018  
**(54)** Lighting assemblies principally for swimming pools and spas  
**(51)** Int. Cl.  
**F21V 31/00** ( 2006.01 )  
**F21V 23/00** ( 2015.01 )  
**F21V 29/70** ( 2015.01 )  
**F21V 29/89** ( 2015.01 )  
**F21W 131/401** ( 2006.01 )  
**F21Y 115/10** ( 2016.01 )  
**(87)** WO2019/071085

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

- |  |                        |                |  |                      |                |
|--|------------------------|----------------|--|----------------------|----------------|
| <b>(31)</b> 62/703,241   | <b>(32)</b> 25.07.18   | <b>(33)</b> US | <b>(31)</b> 16/139,698   | <b>(32)</b> 24.09.18 | <b>(33)</b> US |
| 62/569,199   | 06.10.17               | US             | 16/139,617   | 24.09.18             | US             |
| <b>(43)</b> 11.04.2019   |                        |                | 16/139,608   | 24.09.18             | US             |
| <b>(72)</b> ARPIN, Jonathan; HENG, Hwa; LU, Barton; ACKEMA, Evan   |                        |                | 62/696,801   | 11.07.18             | US             |
| <b>(74)</b> FB Rice Pty Ltd  |                        |                | 62/669,833   | 10.05.18             | US             |
|  |                        |                | 62/627,329   | 07.02.18             | US             |
|  |                        |                | 62/593,029   | 30.11.17             | US             |
|  |                        |                | 62/579,450   | 31.10.17             | US             |
| <b>(71)</b> Zogenix International Limited; ABU-IZZA, K.; HICKMAN, D.; MORRISON, G.; BOYD, B.                                 |                        |                | 62/563,255   | 26.09.17             | US             |
| <b>(11)</b> AU-A-2018341326  |                        |                | 62/564,225   | 27.09.17             | US             |
| <b>(21)</b> 2018341326   | <b>(22)</b> 25.09.2018 |                | 16/139,763   | 24.09.18             | US             |
| <b>(54)</b> Ketogenic diet compatible fenfluramine formulation   |                        |                | 16/139,704   | 24.09.18             | US             |
| <b>(51)</b> Int. Cl.   |                        |                | 16/139,701   | 24.09.18             | US             |
| <b>A61K 31/137</b> ( 2006.01 )   |                        |                | <b>(43)</b> 04.04.2019   |                      |                |
| <b>A61K 9/00</b> ( 2006.01 )   |                        |                | <b>(72)</b> FARFEL, Gail; LOCK, Michael; GALER, Bradley S.; MORRISON, Glenn; BOYD, Brooks M. |                      |                |
| <b>A61K 9/08</b> ( 2006.01 )   |                        |                | <b>(74)</b> Davies Collison Cave Pty Ltd   |                      |                |
| <b>A61P 25/08</b> ( 2006.01 )  |                        |                |  |                      |                |
| <b>(87)</b> WO2019/067405  |                        |                |  |                      |                |
| <b>(31)</b> 16/140,120   | <b>(32)</b> 24.09.18   | <b>(33)</b> US |  |                      |                |
| 62/669,833   | 10.05.18               | US             |  |                      |                |
| 62/696,801   | 11.07.18               | US             |  |                      |                |
| 62/593,029   | 30.11.17               | US             |  |                      |                |
| 62/627,329   | 07.02.18               | US             |  |                      |                |
| 62/579,450   | 31.10.17               | US             |  |                      |                |
| 62/582,173   | 06.11.17               | US             |  |                      |                |
| 62/564,225   | 27.09.17               | US             |  |                      |                |
| 62/563,255   | 26.09.17               | US             |  |                      |                |
| <b>(43)</b> 04.04.2019   |                        |                |  |                      |                |
| <b>(72)</b> ABU-IZZA, Khawla; HICKMAN, David; MORRISON, Glenn; BOYD, Brooks M.   |                        |                |  |                      |                |
| <b>(74)</b> Davies Collison Cave Pty Ltd   |                        |                |  |                      |                |
| <b>(71)</b> Zogenix International Limited  |                        |                |  |                      |                |
| <b>(11)</b> AU-A-2018341331  |                        |                |  |                      |                |
| <b>(21)</b> 2018341331   | <b>(22)</b> 25.09.2018 |                |  |                      |                |
| <b>(54)</b> Improvement in cognitive function with fenfluramine  |                        |                |  |                      |                |
| <b>(51)</b> Int. Cl.   |                        |                |  |                      |                |
| <b>A61K 31/137</b> ( 2006.01 )   |                        |                |  |                      |                |
| <b>A61K 45/06</b> ( 2006.01 )  |                        |                |  |                      |                |
| <b>A61P 25/00</b> ( 2006.01 )  |                        |                |  |                      |                |
| <b>(87)</b> WO2019/067419  |                        |                |  |                      |                |
| <b>(31)</b> 62/563,255   | <b>(32)</b> 26.09.17   | <b>(33)</b> US |  |                      |                |
| 62/564,225   | 27.09.17               | US             |  |                      |                |
| 62/579,450   | 31.10.17               | US             |  |                      |                |
| 62/593,029   | 30.11.17               | US             |  |                      |                |
| 62/627,329   | 07.02.18               | US             |  |                      |                |
| 62/660,145   | 19.04.18               | US             |  |                      |                |
| 62/669,833   | 10.05.18               | US             |  |                      |                |
| 62/696,801   | 11.07.18               | US             |  |                      |                |
| 16/140,312   | 24.09.18               | US             |  |                      |                |
| <b>(43)</b> 04.04.2019   |                        |                |  |                      |                |
| <b>(72)</b> MORRISON, Glenn; GAMMAITONI, Arnold; BOYD, Brooks M.   |                        |                |  |                      |                |
| <b>(74)</b> Davies Collison Cave Pty Ltd   |                        |                |  |                      |                |
| <b>(71)</b> Zogenix International Limited  |                        |                |  |                      |                |
| <b>(11)</b> AU-A-2018342072  |                        |                |  |                      |                |
| <b>(21)</b> 2018342072   | <b>(22)</b> 25.09.2018 |                |  |                      |                |
| <b>(54)</b> Use of fenfluramine formulation in reducing number and frequencies of convulsive seizures in patient populations |                        |                |  |                      |                |
| <b>(51)</b> Int. Cl.   |                        |                |  |                      |                |
| <b>A61K 31/137</b> ( 2006.01 )   |                        |                |  |                      |                |
| <b>A61K 45/06</b> ( 2006.01 )  |                        |                |  |                      |                |
| <b>A61P 25/08</b> ( 2006.01 )  |                        |                |  |                      |                |
| <b>(87)</b> WO2019/067413  |                        |                |  |                      |                |

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<b>2017339088</b>	Widhalm, S.	<b>2018325435</b>	Brandenburg Innovation Limited
<b>2017430097</b>	Korea Zinc Co., Ltd.; Korea Nickel Corporation	<b>2018325899</b>	Japan Health Sciences Foundation
<b>2017431371</b>	Essity Hygiene and Health Aktiebolag	<b>2018326364</b>	Amicus Therapeutics, Inc.
<b>2017431448</b>	Institute of Zoology, Chinese Academy of Sciences	<b>2018326390</b>	ShadePower Group Pty Ltd
<b>2017432256</b>	Bumil Industrial Co., Ltd.	<b>2018326393</b>	The Product Makers (Australia) Pty Ltd
<b>2017432420</b>	Sun Yat-Sen University	<b>2018326401</b>	ETH Zurich; Commonwealth Scientific and Industrial Research Organisation
<b>2017433231</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018326579</b>	TOMRA Sorting GmbH
<b>2017433305</b>	Huawei Technologies Co., Ltd.	<b>2018326672</b>	Co2I Limited
<b>2017434032</b>	Kimberly-Clark Worldwide, Inc.	<b>2018326785</b>	Angion Biomedica Corp.
<b>2017434549</b>	Oxford Nanopore Technologies Limited	<b>2018327270</b>	Stone Three Digital (Pty) Ltd
<b>2017434556</b>	Prothena Biosciences Limited; F. Hoffmann-La Roche AG	<b>2018327301</b>	Sorrento Therapeutics, Inc.
<b>2017434772</b>	Raytheon Canada Limited	<b>2018327797</b>	Asahi Kasei Kabushiki Kaisha
<b>2017435118</b>	3rd Wheel Productions Pty Ltd	<b>2018327943</b>	Dragages Singapore Pte Ltd
<b>2017435232</b>	Huawei Technologies Co., Ltd.	<b>2018328067</b>	Beele Engineering B.V.
<b>2017435234</b>	Huawei Technologies Co., Ltd.	<b>2018328714</b>	Liebherr-Components Biberach GmbH
<b>2017435310</b>	Nordic Lights Ltd.	<b>2018329662</b>	Radiance Therapeutics, Inc.
<b>2017435532</b>	Beijing MKS Research Institute	<b>2018329868</b>	DYWIDAG-Systems International Pty Limited
<b>2017435881</b>	Total Solar International; North Carolina State University	<b>2018330051</b>	Excel Med, LLC; National Cheng Kung University
<b>2017437703</b>	Electrolux Appliances Aktiebolag	<b>2018330395</b>	Husqvarna AB
<b>2017443609</b>	Essity Hygiene and Health Aktiebolag	<b>2018330396</b>	Husqvarna AB
<b>2017443712</b>	Halliburton Energy Services, Inc.	<b>2018330499</b>	Novo Nordisk A/S
<b>2017443955</b>	Essity Hygiene and Health Aktiebolag	<b>2018330635</b>	Connect LNG AS
<b>2017443982</b>	Halliburton Energy Services, Inc.	<b>2018331453</b>	Tyme, Inc.
<b>2017443983</b>	Halliburton Energy Services, Inc.	<b>2018331512</b>	Boston Scientific Neuromodulation Corporation; Onanon Inc.
<b>2017444213</b>	Halliburton Energy Services, Inc.	<b>2018331521</b>	Boston Scientific Neuromodulation Corporation; Onanon Inc.
<b>2018261510</b>	ABB Schweiz AG	<b>2018331574</b>	Gc Corporation
<b>2018316542</b>	Istituto Europeo di Oncologia (IEO) S.r.l.	<b>2018332082</b>	Schreder S.A.
<b>2018318303</b>	Gritstone Oncology, Inc.	<b>2018332493</b>	ABUS Pfaffenhain GmbH
<b>2018318392</b>	Ondine International Holdings Ltd.	<b>2018332592</b>	Triple E. Power Ltd.
<b>2018318977</b>	Innocon Medical Aps	<b>2018332878</b>	Intevac, Inc.
<b>2018319422</b>	Sonitor Technologies AS	<b>2018332888</b>	Abiomed, Inc.
<b>2018319565</b>	Sanofi	<b>2018332896</b>	Enco International Incorporated
<b>2018319566</b>	Db Patents Ltd	<b>2018333031</b>	Petrobras Transportes S/A - Transpetro
<b>2018319940</b>	Nippon Suisan Kaisha, Ltd.	<b>2018333037</b>	Active Needle Technology Ltd
<b>2018320093</b>	KS Electronics.Co.,Ltd	<b>2018333114</b>	Sofar S.p.A.
<b>2018320201</b>	Euphoria Beer Development Ltd	<b>2018333123</b>	Elesta S.p.A.
<b>2018320418</b>	Sprint Bioscience AB	<b>2018333275</b>	Kira Biotech Pty Limited
<b>2018320419</b>	Sprint Bioscience AB	<b>2018333297</b>	9449710 Canada Inc.
<b>2018320552</b>	Clown Fish Shanghai Industrial Co., Ltd.	<b>2018333306</b>	Marine Canada Acquisition Inc.
<b>2018320728</b>	Memic Innovative Surgery Ltd.	<b>2018333417</b>	InterProducTec Consulting GmbH & Co. Kg
<b>2018320772</b>	Finicity Corporation	<b>2018333549</b>	Lupin Atlantis Holdings SA
<b>2018321096</b>	Agfa NV	<b>2018333784</b>	Purac Biochem B.V.
<b>2018321107</b>	Evonik Operations GmbH	<b>2018333844</b>	Clinical Genomics Pty Ltd
<b>2018321118</b>	Merck Patent GmbH	<b>2018333848</b>	Jetstone Building Systems Pty Ltd
<b>2018321131</b>	CSL Behring GmbH	<b>2018333885</b>	Kowa Company, Ltd.
<b>2018321284</b>	BXB Digital Pty Limited	<b>2018333929</b>	Cardionomic, Inc.
<b>2018321285</b>	Mudroom Backpacks, Inc.	<b>2018333952</b>	Sen-Jam Pharmaceutical LLC
<b>2018321574</b>	Multigate Medical Products Pty Ltd	<b>2018333954</b>	Sen-Jam Pharmaceutical LLC
<b>2018321582</b>	K S Paterson Nominees Pty Ltd	<b>2018333967</b>	Activator Methods Internationall, Ltd.
<b>2018321946</b>	Sinclair, M.	<b>2018334025</b>	Ceva Sante Animale; UNION therapeutics A/S
<b>2018322147</b>	Jessamine, J.	<b>2018334150</b>	Ocologica Inc.
<b>2018322319</b>	Stoke Therapeutics, Inc.	<b>2018334422</b>	L.B. Foster Company
<b>2018322380</b>	Limacorporate S.p.A.	<b>2018334515</b>	Corn Products Development, Inc.; Ingredient Singapore Pte. Ltd.
<b>2018322410</b>	Keppel Offshore & Marine Technology Centre Pte Ltd	<b>2018334731</b>	Huawei Technologies Co., Ltd.
<b>2018322437</b>	The Boeing Company	<b>2018334886</b>	WuXi Biologics Ireland Limited
<b>2018322486</b>	Star Scientific Limited	<b>2018334993</b>	Dlip Limited
<b>2018323022</b>	The Insides Company Limited	<b>2018335012</b>	Mack Rides GmbH & Co. KG
<b>2018323504</b>	KM Biologics Co., Ltd.	<b>2018335042</b>	Assa Abloy AB
<b>2018323509</b>	Psomagen, Inc.	<b>2018335224</b>	GlaxoSmithKline Consumer Healthcare (UK) IP Limited
<b>2018323787</b>	Vitality Wellness (NZ) Limited	<b>2018335227</b>	Desertfoods International GmbH
<b>2018324028</b>	Sustainable Bioproducts, Inc.	<b>2018335233</b>	Desertfoods International GmbH
<b>2018324111</b>	Excel Med, LLC; National Cheng Kung University	<b>2018335248</b>	Beele Engineering B.V.
<b>2018324358</b>	Half Moon Medical, Inc.	<b>2018335259</b>	Neurocrine Biosciences, Inc.
<b>2018324427</b>	Anti-Viral Technologies, LLC	<b>2018335274</b>	The United States of America, as represented by The Secretary, Department of Health and Human Services
<b>2018324514</b>	The Penn State Research Foundation	<b>2018335288</b>	Hanina, A.; Glasner, D.; Zhang, L.; Chah, C.
<b>2018325363</b>	KWS SAAT SE & Co. KGaA; The University of Sydney; Global Crop Innovations Pty. Ltd.		

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2018335291	Advanced Solutions Life Sciences, LLC	2018340557	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2018335378	Heidelberg Pharma Research GmbH	2018340854	Newsouth Innovations Pty Limited
2018335389	Board of Regents of the University of Nebraska	2018340887	Carboclave Corp.
2018335399	MANSELL, J.	2018341109	Biocon Biologics India Limited
2018335405	Guardant Health, Inc.	2018341227	Ohio State Innovation Foundation
2018335438	Adrenomed AG	2018341326	Zogenix International Limited; ABU-IZZA, K.; HICKMAN, D.; MORRISON, G.; BOYD, B.
2018335602	Eni S.p.A.	2018341331	Zogenix International Limited
2018335769	The Lubrizol Corporation	2018341349	Pioneer Hi-Bred International, Inc.; E. I. du Pont de Nemours and Company
2018335832	Küschall, R.	2018341396	ASSA ABLOY New Zealand Limited
2018335848	Hilti Aktiengesellschaft	2018341599	Metabolon, Inc.
2018335876	University of Washington	2018341715	Level 3 Communications, LLC
2018335954	Compact Carbon Capture AS	2018341897	Illinois Tool Works Inc.
2018335959	Nerudia Limited	2018341980	Special Projects Operations, Inc.
2018335965	Zodiac Pool Care Europe	2018342072	Zogenix International Limited
2018336017	UMC Utrecht Holding B.V.	2018342359	Beijing SMTP Technology Co., Ltd.
2018336051	Salts Healthcare Limited	2018342610	Compagnie Generale des Etablissements Michelin
2018336108	SMR Technologies Limited	2018342615	Spinal Singularity, Inc.
2018336109	SMR Technologies Limited	2018342736	Toray Industries, Inc.
2018336150	Lantech.com, LLC	2018342767	Johnson & Johnson Consumer Inc.
2018336160	B. G. Negev Technologies and Applications Ltd., at Ben-Gurion University	2018342994	Technische Universität Berlin
2018336812	Evapco, Inc.	2018343118	Swellfix UK Limited
2018336895	Engineered Corrosion Solutions, LLC	2018343325	Johnson & Johnson Consumer Inc.
2018336901	President and Fellows of Harvard College	2018343867	Centre National De La Recherche Scientifique; Université Paris Xii Val De Marne
2018336913	SharkNinja Operating LLC	2018343982	Merck Patent GmbH
2018336999	Motorola Solutions, Inc.	2018343995	Dr. Falk Pharma GmbH
2018337028	Becton, Dickinson and Company	2018344119	DIC Graphics Corporation
2018337035	Becton, Dickinson and Company	2018344150	GEOLYTH Mineral Technologie GmbH
2018337036	Becton, Dickinson and Company	2018344402	F. Hoffmann-La Roche AG
2018337040	Abiomed, Inc.	2018344471	Innovative Molecules GmbH
2018337076	The Bionics Institute of Australia; The University of Melbourne	2018344496	Hilti Aktiengesellschaft
2018337138	Beijing Scitech-MQ Pharmaceuticals Limited	2018344573	Oxford Biodynamics Limited
2018337153	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.	2018344852	Veg of Lund AB
2018337495	Tillotts Pharma AG	2018345303	Denali Therapeutics Inc.
2018337648	Becton, Dickinson and Company	2018345387	Fournier, J.; Grey, V.
2018337650	Becton, Dickinson and Company	2018345417	Zodiac Pool Systems LLC
2018337654	Hanina, A.; Glasner, D.; Zhang, L.	2018345510	Bayer HealthCare LLC
2018337668	The Bionics Institute of Australia; The University of Melbourne	2018345516	Auris Health, Inc.
2018337670	SERAFINI, P.A.	2018345524	Enlighted, Inc.
2018337752	Arcutis, Inc.	2018345747	The Procter & Gamble Company; The Cleveland Clinic Foundation
2018337918	Salts Healthcare Limited	2018345748	The Procter & Gamble Company; The Cleveland Clinic Foundation
2018337919	Salts Healthcare Limited	2018345749	The Procter & Gamble Company; The Cleveland Clinic Foundation
2018337929	3M Innovative Properties Company	2018345785	EchoNous, Inc.
2018337947	Mersana Therapeutics, Inc.	2018345797	Zaugg Construction GmbH; Lüscher, M.; Zaugg, D.
2018337954	The NOCO Company	2018345850	Emory University
2018337956	Pluto Inc.	2018345892	GC Corporation
2018337962	Avery Dennison Retail Information Services, LLC; RFID N Print Pty Ltd	2018345909	Blue Therapeutics, Inc.
2018338049	Lantech.com, LLC	2018346051	1st Biotherapeutics Inc.
2018338100	MANSELL, J.	2018346136	Muanchart, M.
2018338119	ZHU, A.	2018346174	Lesaffre et Compagnie
2018338196	The NOCO Company	2018346251	Taylor Commercial Foodservice Inc.
2018338210	Consolidated Metco, Inc.	2018346347	Taylor Commercial Foodservice Inc.
2018338314	Kymera Therapeutics, Inc.	2018346358	Leyden Technologies B.V.
2018338322	Memorial Sloan Kettering Cancer Center	2018346418	C.R. Bard, Inc.
2018338407	Amatelus Inc.	2018346455	SWM Luxembourg Sarl
2018338418	The University of British Columbia; CDRD Ventures Inc.	2018346575	Aspen Pumps Limited
2018338423	The University of British Columbia; Sangamo Therapeutics France	2018346576	FUJIFILM Diosynth Biotechnologies UK Limited
2018338441	Memorial Sloan Kettering Cancer Center	2018346609	Zodiac Pool Systems LLC
2018338608	Sigilon Therapeutics, Inc.	2018346712	Fulcrum Therapeutics, Inc.
2018338837	Fixed Phage Limited	2018346819	Eltek S.p.A.
2018339067	Algorand Inc.	2018346820	Eltek S.p.A.
2018339089	Intellia Therapeutics, Inc.	2018346821	Eltek S.p.A.
2018339164	ToolGen Incorporated	2018346986	Duracell U.S. Operations, Inc.
2018339256	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2018347006	ASSA ABLOY Australia Pty Limited
2018339457	Ecolab USA Inc.	2018347080	Hangzhou Robam Appliances Co., Ltd.
		2018347331	Merck Patent GmbH; Pfizer Inc.

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<b>2018347358</b>	Graco Minnesota Inc.	<b>2018367388</b>	ExxonMobil Upstream Research Company
<b>2018347410</b>	Haynes International, Inc.; ICL-IP America Inc.	<b>2018368338</b>	Amgen Inc.
<b>2018347447</b>	Alkalest, Inc.	<b>2018368801</b>	CommScope Technologies LLC
<b>2018347457</b>	Merck Sharp & Dohme Corp.; Amgen Inc.	<b>2018369825</b>	Dorf Ketal Chemicals FZE
<b>2018347465</b>	Exxonmobil Upstream Research Company	<b>2018369869</b>	miDiagnostics NV
<b>2018347466</b>	ExxonMobil Upstream Research Company	<b>2018370018</b>	Citrix Systems, Inc.
<b>2018347467</b>	ExxonMobil Upstream Research Company	<b>2018371355</b>	Her Majesty the Queen in the Right of Canada as Represented by the Minister of Health
<b>2018347492</b>	Advanced Messaging Technologies, Inc.	<b>2018371628</b>	Lin, C.; Lane, H.; Excelsior Pharmatech Labs; Hng, Y.
<b>2018347508</b>	Taylor Commercial Foodservice Inc.	<b>2018373653</b>	Societe des Produits Nestle S.A.
<b>2018347619</b>	Rebiotix, Inc.	<b>2018376156</b>	Societe Des Produits Nestle S.A.
<b>2018347638</b>	RxSafe LLC	<b>2018376334</b>	Sika Technology AG
<b>2018347780</b>	Scot Young Research Limited	<b>2018377716</b>	Suzhou Ribo Life Science Co., Ltd
<b>2018347875</b>	Exxonmobil Upstream Research Company	<b>2018377970</b>	Philip Morris Products S.A.
<b>2018347876</b>	ExxonMobil Upstream Research Company	<b>2018382966</b>	F. Hoffmann-La Roche AG
<b>2018347983</b>	Knappco, LLC	<b>2018385659</b>	ArcelorMittal
<b>2018348018</b>	Owens Corning Intellectual Capital, LLC	<b>2018394875</b>	Suzhou Ribo Life Science Co., Ltd.
<b>2018348020</b>	Owens Corning Intellectual Capital, LLC	<b>2018395084</b>	Innovent Biologics (Suzhou) Co., Ltd.
<b>2018348025</b>	W.M. Barr & Company, Inc.	<b>2018401700</b>	The Regents of the University of California
<b>2018348031</b>	Stepan Company	<b>2018404160</b>	Limited Liability Company "Watts Battery"
<b>2018348080</b>	Sakura Finetek U.S.A., Inc.	<b>2018405438</b>	Salens Toys (Shanghai) Co., Ltd.
<b>2018348119</b>	Colgate-Palmolive Company	<b>2018415216</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2018348303</b>	Clariant International Ltd	<b>2018417516</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018349026</b>	Hangzhou Zhiwei Information Technology Co., Ltd.	<b>2018421457</b>	CRRC Ziyang Co., Ltd
<b>2018349259</b>	Pfizer Inc.	<b>2018422116</b>	Toshiba Mitsubishi-Electric Industrial Systems Corporation
<b>2018350139</b>	Waldemar Link GmbH & Co. KG	<b>2019210092</b>	Furrer + Frey AG
<b>2018350279</b>	Geobruigg AG	<b>2019222018</b>	Huawei Technologies Co., Ltd.
<b>2018350793</b>	The Regents of the University of California	<b>2019225388</b>	Eye Co Pty Ltd
<b>2018350861</b>	Adrenomed AG	<b>2019289575</b>	Indo Solutions Oy
<b>2018350983</b>	Dicerna Pharmaceuticals, Inc.	<b>2019299866</b>	Pacific Industrial Co., Ltd
<b>2018351499</b>	SignPath Pharma, Inc.	<b>2019312560</b>	PYMAN, R.
<b>2018351632</b>	Nordic Bioscience A/S	<b>2019315550</b>	Ascentage Pharma (Suzhou) Co., Ltd.
<b>2018352167</b>	Yale University		
<b>2018352583</b>	Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P.		
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<b>2018353527</b>	Alcon Inc.		
<b>2018353813</b>	Université de Montréal; Domain Therapeutics		
<b>2018354022</b>	Milliken & Company		
<b>2018354175</b>	Qualcomm Incorporated		
<b>2018354370</b>	Theravance Biopharma R&D IP, LLC		
<b>2018354780</b>	Bayer Pharma Aktiengesellschaft		
<b>2018354934</b>	Ceccato Aria Compressa s.r.l.		
<b>2018355244</b>	Magenta Therapeutics, Inc.		
<b>2018356316</b>	VR Coaster GmbH & Co. KG		
<b>2018356370</b>	Sphingotec GmbH		
<b>2018356554</b>	Keystone Heart Ltd.		
<b>2018357174</b>	Kingfa Sci. & Tech. Co., Ltd.		
<b>2018358749</b>	Amgen Inc.		
<b>2018358804</b>	Bayer Aktiengesellschaft		
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<b>2018360335</b>	Nova Chemicals (International) S.A.		
<b>2018361284</b>	Huawei Technologies Co., Ltd.		
<b>2018361743</b>	Novartis AG		
<b>2018361851</b>	Coöperatie AVEBE U.A.		
<b>2018362010</b>	Alcon Inc.		
<b>2018362224</b>	Weatherford Technology Holdings, LLC		
<b>2018362268</b>	Valmont Industries, Inc.		
<b>2018362970</b>	Knauf Gips KG		
<b>2018363551</b>	Siemens Aktiengesellschaft		
<b>2018363912</b>	Ricoh Company, Ltd.		
<b>2018364933</b>	Amgen Inc.		
<b>2018364954</b>	Northrop Grumman Systems Corporation		
<b>2018364955</b>	Northrop Grumman Systems Corporation		
<b>2018364957</b>	Northrop Grumman Systems Corporation		
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<b>2018366290</b>	Regeneron Pharmaceuticals, Inc.		
<b>2018366936</b>	Electrolux Appliances Aktiebolag		

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<b><u>A01B 21 /-</u></b>	2018348303	<b><u>A23K 50 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61F 13 /-</u></b>
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2018321582	<b><u>A01P 13 /-</u></b>	2018319940	2018321285	2018345516	
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<b><u>A01G 18 /-</u></b>	2018348303	<b><u>A23L 2 /-</u></b>	<b><u>A45C 11 /-</u></b>	<b><u>A61B 17 /-</u></b>	2018324358
2018324028	<b><u>A01P 7 /-</u></b>	2018326393	2018321285	2018318392	2018333885
<b><u>A01G 31 /-</u></b>	2017431448	2018334515	<b><u>A45C 13 /-</u></b>	2018320728	2018342615
2018335227	2018348303	2018344852	2018321285	2018322380	2018343867
2018335233	<b><u>A21D 10 /-</u></b>	2018376156	<b><u>A45F 3 /-</u></b>	2018323022	2018350139
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2018346136	<b><u>A21D 8 /-</u></b>	2018334515	<b><u>A47C 13 /-</u></b>	2018333037	2018356554
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<b><u>A01H 1 /-</u></b>	2018338837	2018326393	<b><u>A47C 4 /-</u></b>	2018345516	2018337919
2018325363	<b><u>A23B 7 /-</u></b>	2018334515	2018321946	<b><u>A61B 18 /-</u></b>	<b><u>A61G 13 /-</u></b>
<b><u>A01H 5 /-</u></b>	2018338837	2018361851	<b><u>A47J 27 /-</u></b>	2018334150	2018321946
2018350793	<b><u>A23C 11 /-</u></b>	<b><u>A23L 3 /-</u></b>	2018321946	2018353527	<b><u>A61G 5 /-</u></b>
<b><u>A01H 6 /-</u></b>	2018376156	2018333784	<b><u>A47J 37 /-</u></b>	<b><u>A61B 3 /-</u></b>	2018335832
2018325363	<b><u>A23C 9 /-</u></b>	2018338837	2017432256	2018334150	<b><u>A61H 1 /-</u></b>
<b><u>A01K 61 /-</u></b>	2018334515	<b><u>A23L 31 /-</u></b>	<b><u>A47J 44 /-</u></b>	2018353527	2018333967
2018376156	<b><u>A23D 7 /-</u></b>	2018324028	2018346251	<b><u>A61B 34 /-</u></b>	<b><u>A61H 15 /-</u></b>
2018319940	2018334515	<b><u>A23L 33 /-</u></b>	2018347508	2018322437	<b><u>A61H 23 /-</u></b>
2018335227	<b><u>A23F 3 /-</u></b>	2018324028	<b><u>A47K 10 /-</u></b>	2018324514	2018333967
2018335233	2018376156	2018326393	2017431371	2018324514	<b><u>A61J 7 /-</u></b>
<b><u>A01K 63 /-</u></b>	<b><u>A23F 5 /-</u></b>	2018373653	2017434032	2018345516	2018347638
2018335227	2018376156	<b><u>A23L 9 /-</u></b>	<b><u>A47L 13 /-</u></b>	2018345850	<b><u>A61K 31 /-</u></b>
2018335233	<b><u>A23J 1 /-</u></b>	2018334515	2018347780	<b><u>A61B 5 /-</u></b>	2017432420
<b><u>A01K 67 /-</u></b>	2018376156	<b><u>A24B 15 /-</u></b>	<b><u>A47L 15 /-</u></b>	2018324514	2018316542
2018366290	<b><u>A23J 3 /-</u></b>	2018346455	2017437703	2018334150	2018320201
<b><u>A01M 1 /-</u></b>	2018361851	<b><u>A24D 3 /-</u></b>	2018346251	2018337654	2018320418
2018325435	<b><u>A23J 3 /-</u></b>	2018377970	2017434032	2018342615	2018320419
<b><u>A01M 29 /-</u></b>	2018324028	<b><u>A24F 47 /-</u></b>	<b><u>A47L 13 /-</u></b>	2018343325	2018321118
2018325435	2018361851	2018335959	2018347780	2018345785	2018324111
<b><u>A01N 25 /-</u></b>	<b><u>A23K 10 /-</u></b>	2018346455	<b><u>A47L 15 /-</u></b>	2018348119	2018324427
2018341349	2018319940		2018336913	2018353527	2018326364
				<b><u>A61B 50 /-</u></b>	2018327301
				2018321574	2018331453
				2018335399	2018333952
				<b><u>A61B 6 /-</u></b>	2018333954
				2018345850	2018334025
				<b><u>A61B 8 /-</u></b>	2018335259
				2018333123	2018337076
				2018345785	2018337138
				<b><u>A61B 90 /-</u></b>	2018337153
				2018324514	2018337668

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2018337752	2018382966	<b><u>A61L 27 /-</u></b>	<b><u>A61P 19 /-</u></b>	2019315550	<b><u>A63F 9 /-</u></b>
2018338100	2018395084				
2018338314	2019225388	2018336901	2018319565	<b><u>A61P 37 /-</u></b>	2018337670
2018338322		2018350139	2018337138		
2018341326	<b><u>A61K 45 /-</u></b>			2018323504	<b><u>A63G 31 /-</u></b>
2018341331		<b><u>A61L 29 /-</u></b>	<b><u>A61P 21 /-</u></b>	2018337138	
2018342072	2018338322			2018338418	2018356316
2018343995	2018341331	2018346418	2018344402	2018338423	
2018344402	2018342072		2018346712	2018361743	<b><u>A63H 33 /-</u></b>
2018344471	2018345747	<b><u>A61M 1 /-</u></b>	2018373653	2018371355	2018405438
2018345747	2018345748				
2018345748	2018345749	2018332888	<b><u>A61P 25 /-</u></b>	<b><u>A61P 39 /-</u></b>	<b><u>B01D 15 /-</u></b>
2018345749	2019315550	2018353366			
2018345909			2018323787	2018373653	2018346576
2018346358	<b><u>A61K 47 /-</u></b>	<b><u>A61M 11 /-</u></b>	2018333952		
2018346712			2018335259	<b><u>A61P 43 /-</u></b>	<b><u>B01D 35 /-</u></b>
2018347331	2018331453	2018333549	2018341326		
2018347447	2018334025	2018335959	2018341331	2018326364	2017432256
2018347457	2018335259		2018342072	2018345747	
2018349259	2018335378	<b><u>A61M 15 /-</u></b>	2018345909	2018345748	
2018350983	2018337752		2018346358	2018345749	<b><u>B01D 46 /-</u></b>
2018351499	2018337947	2018333549	2018371628		2018330395
2018354370	2018338322	2018335959		<b><u>A61P 9 /-</u></b>	2018330396
2018356370	2018342767	<b><u>A61M 25 /-</u></b>	<b><u>A61P 27 /-</u></b>		
2018362010	2018345303			2018323787	<b><u>B01D 50 /-</u></b>
2018371628	2018394875	2018342615	2018337076	2018326364	
2019225388		2018346418	2018337138	2018358804	2018330395
2019315550	<b><u>A61K 48 /-</u></b>		2018362010		2018330396
		<b><u>A61M 3 /-</u></b>	2019225388	<b><u>A61Q 11 /-</u></b>	
<b><u>A61K 35 /-</u></b>	2018338608				<b><u>B01D 53 /-</u></b>
	2018339089	2018318392	<b><u>A61P 29 /-</u></b>	2018335224	
2018333114	2018339164				2018335954
2018338418	2018352583	<b><u>A61M 39 /-</u></b>	2018333954	<b><u>A62B 18 /-</u></b>	2018354934
2018338423	2018377716		2018337138		
2018341227		2018342615	2018345909	2018337929	<b><u>B01D 61 /-</u></b>
2018342994	<b><u>A61K 51 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>A62C 35 /-</u></b>	2018327797
<b><u>A61K 36 /-</u></b>	2018338322	2018358749	2017432420	2018336895	<b><u>B01D 65 /-</u></b>
		2018364933	2018316542		
2018323787	<b><u>A61K 6 /-</u></b>	2018368338	2018319565	<b><u>A62C 37 /-</u></b>	2018327797
2018352167			2018320419		
2018373653	2018345892	<b><u>A61N 1 /-</u></b>	2018345747	2018336895	<b><u>B01D 69 /-</u></b>
			2018345748		
<b><u>A61K 38 /-</u></b>	<b><u>A61K 8 /-</u></b>	2018318977	2018345749	<b><u>A63B 102 /-</u></b>	2018327797
		2018322437			2018342736
2018319565	2018335224	2018331512	<b><u>A61P 31 /-</u></b>	2018320093	
2018323787		2018331521			<b><u>B01D 71 /-</u></b>
2018330051	<b><u>A61K 9 /-</u></b>		2018316542	<b><u>A63B 21 /-</u></b>	
2018334886		<b><u>A61N 5 /-</u></b>	2018323504		2018327797
2018337076	2018320201		2018335438	2018365160	2018342736
2018337668	2018327301	2018329662	2018338100	<b><u>A63B 69 /-</u></b>	
2018341227	2018330051	2018343325	2018344471		<b><u>B01F 5 /-</u></b>
2018343982	2018331453		2018371355	2018320093	2018333031
	2018333114	<b><u>A61P 1 /-</u></b>	2018377716	2019289575	
<b><u>A61K 39 /-</u></b>	2018333549				<b><u>B01J 13 /-</u></b>
	2018334025	2018333114	<b><u>A61P 35 /-</u></b>	<b><u>A63B 71 /-</u></b>	
2017434556	2018335259	2018337138			2018401700
2018318303	2018337076	2018343995	2017432420	2018320093	
2018323504	2018337668	2018394875	2018316542		<b><u>B01J 19 /-</u></b>
2018324427	2018337752		2018320418	<b><u>A63C 17 /-</u></b>	
2018325899	2018341326	<b><u>A61P 13 /-</u></b>	2018320419		2018322486
2018333275	2018342767		2018321118	2019289575	
2018335438	2018346358	2018352167	2018324111		<b><u>B01J 23 /-</u></b>
2018336017	2018351499		2018333275	<b><u>A63F 13 /-</u></b>	
2018338322	2018401700	<b><u>A61P 15 /-</u></b>	2018337138		2018322486
2018338441			2018337153	2018356316	
2018340557	<b><u>A61L 2 /-</u></b>	2018352167	2018338322		<b><u>B01J 37 /-</u></b>
2018347331			2018338441	<b><u>A63F 3 /-</u></b>	
2018347457	2018321131	<b><u>A61P 17 /-</u></b>	2018347331		2018322486
2018355244	2018321574		2018347457	2018337670	
2018358804	2018335399	2018337138	2018349259		<b><u>B01J 47 /-</u></b>
2018359019		2018347447	2018352167		2018346576
2018371355			2018395084		

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<b>B01L 3 /-</b>	<b>B32B 13 /-</b>	<b>B63B 27 /-</b>	<b>C01F 7 /-</b>	2018337138	<b>C07K 16 /-</b>
2017434549	2018376334	2018330635	2018336108	<b>C07D 403 /-</b>	2017434556
2018335291	<b>B32B 23 /-</b>	<b>B65B 1 /-</b>	2018339457	2018326785	2018318303
2018337035	2018354022	2018347638	<b>C02F 1 /-</b>	2018337138	2018333275
2018337036	<b>B32B 25 /-</b>	<b>B65B 11 /-</b>	2018336108	2018354370	2018334886
<b>B03D 1 /-</b>	2018354022	2018336150	2018336109	<b>C07D 413 /-</b>	2018335438
2018327270	2018376334	2018338049	2018385659	2018337495	2018337947
2018339457	<b>B32B 27 /-</b>	<b>B65B 41 /-</b>	2019312560	2018320419	2018338418
<b>B04B 13 /-</b>	2018344119	2018336150	<b>C02F 101 /-</b>	<b>C07D 417 /-</b>	2018338423
2018330395	2018354022	2018338049	2018336108	2018344471	2018338441
2018330396	2018376334	<b>B65B 57 /-</b>	2018336109	2018346051	2018340557
<b>B05B 9 /-</b>	<b>B32B 3 /-</b>	2018336150	2018385659	<b>C07D 451 /-</b>	2018345303
2017339088	2018338119	2018338049	<b>C02F 103 /-</b>	2018354370	2018345510
<b>B07C 5 /-</b>	2018354022	<b>B65D 33 /-</b>	2018336109	<b>C07D 471 /-</b>	2018351632
2018326579	<b>B32B 5 /-</b>	2018344119	2018385659	2018361743	201835244
<b>B08B 17 /-</b>	2018354022	<b>B65D 41 /-</b>	<b>C04B 40 /-</b>	<b>C07D 471 /-</b>	2018358804
2017339088	<b>B32B 7 /-</b>	2018320552	2018340887	2018362010	2018361743
<b>B08B 3 /-</b>	2018354022	<b>B65D 5 /-</b>	<b>C05D 9 /-</b>	<b>C07D 487 /-</b>	2018382966
2017443983	<b>B33Y 70 /-</b>	2018346986	2018341349	2018362010	2018395084
<b>B08B 7 /-</b>	2018350139	<b>B65D 65 /-</b>	<b>C05G 3 /-</b>	<b>C07D 487 /-</b>	<b>C07K 19 /-</b>
2018348025	<b>B44F 9 /-</b>	2018321574	2018341349	2018354780	2018334886
<b>B23K 20 /-</b>	2018321096	<b>B65D 75 /-</b>	<b>C07C 11 /-</b>	<b>C07D 495 /-</b>	2018338418
2018422116	<b>B60C 23 /-</b>	2017431371	2018360335	2018316542	2018338423
<b>B24B 55 /-</b>	2018338210	2018346986	<b>C07C 5 /-</b>	<b>C07D 498 /-</b>	2018345303
2018330395	<b>B60L 58 /-</b>	2018346986	2018360335	2018320418	<b>C08B 30 /-</b>
2018330396	2018421457	<b>B65D 77 /-</b>	<b>C07C 67 /-</b>	2018349259	2018334515
<b>B24B 7 /-</b>	<b>B60M 1 /-</b>	2018346986	2018333297	<b>C07D 513 /-</b>	<b>C08G 59 /-</b>
2018330395	2019210092	<b>B65D 83 /-</b>	<b>C07C 69 /-</b>	2018346051	2018348031
<b>B25H 1 /-</b>	<b>B60M 5 /-</b>	2017431371	<b>C07D 213 /-</b>	<b>C07D 513 /-</b>	<b>C08G 63 /-</b>
2018334993	2018334422	2018334993	2018333954	2018346051	2018333297
<b>B25J 11 /-</b>	<b>B60R 21 /-</b>	<b>B66D 1 /-</b>	<b>C07D 215 /-</b>	<b>C07F 5 /-</b>	2018357174
2018346347	2018335012	2018328714	2018324111	2018321118	<b>C08G 65 /-</b>
<b>B25J 9 /-</b>	<b>B60R 22 /-</b>	<b>B66D 5 /-</b>	<b>C07D 275 /-</b>	2018354780	2018348031
2018346347	2018335012	2018328714	2018337153	<b>C07H 15 /-</b>	<b>C08J 11 /-</b>
<b>B28B 11 /-</b>	<b>B62D 25 /-</b>	<b>B67D 1 /-</b>	<b>C07D 277 /-</b>	2018394875	2018333297
2018340887	2018342610	2017432256	2018333954	<b>C07H 21 /-</b>	<b>C08J 9 /-</b>
<b>B29C 37 /-</b>	<b>B62J 23 /-</b>	<b>B67D 7 /-</b>	2018344471	<b>C07K 1 /-</b>	2018321107
2019299866	2018334993	2018347358	2018346051	2018345510	2018335389
<b>B29C 64 /-</b>	<b>B62K 3 /-</b>	2018347983	<b>C07D 333 /-</b>	<b>C07K 14 /-</b>	<b>C08K 3 /-</b>
2018350139	2019289575	2018335389	2018354780	2018345510	2018357174
2018363912			2018337153	2017434556	<b>C08K 5 /-</b>
			2018321131	2018321131	2018348018
			2018344471	2018323504	2018348020
			2018346051	2018325899	2018357174
				2018335274	
				2018338418	
				2018338423	<b>C08L 67 /-</b>
				2018341109	2018348020
				2018341227	2018357174
				2018345303	
				2018366290	<b>C09D 11 /-</b>
				2018371355	2018321096
			2018320418		
			2018326785		



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2018336901	2018338418			<b><u>E05C 3/-</u></b>	<b><u>F16B 5/-</u></b>
2018344119	2018338423	<b><u>C25B 9/-</u></b>	<b><u>E04D 3/-</u></b>		
	2018341227			2018341396	2018335848
<b><u>C09D 9/-</u></b>	2018353813	2018363551	2018333848	<b><u>E05D 3/-</u></b>	<b><u>F16J 1/-</u></b>
2018348025	<b><u>C12N 7/-</u></b>	<b><u>D01F 6/-</u></b>	<b><u>E04D 5/-</u></b>	2018335042	2018364933
<b><u>C09K 3/-</u></b>	2018342994	2018335389	2018376334	<b><u>E05F 15/-</u></b>	<b><u>F16L 3/-</u></b>
2018340887	<b><u>C12N 9/-</u></b>	<b><u>D04H 1/-</u></b>	<b><u>E04F 13/-</u></b>	2018335042	2018333306
<b><u>C09K 8/-</u></b>	2018339164	2018348018	2018333848	<b><u>E21B 15/-</u></b>	<b><u>F16L 41/-</u></b>
2017443982	<b><u>C12Q 1/-</u></b>	<b><u>D06F 39/-</u></b>	<b><u>E04G 11/-</u></b>	2018332896	2018335248
<b><u>C10L 1/-</u></b>	2018322319	2018346819	2018345797	<b><u>E21B 19/-</u></b>	<b><u>F16L 5/-</u></b>
	2018323509	2018346820		2018332896	2018328067
2018335769	2018333844	2018346821	<b><u>E04G 15/-</u></b>		2018333306
2018369825	2018335405		2018344496	<b><u>E21B 34/-</u></b>	2018335248
<b><u>C10L 10/-</u></b>	2018335876	<b><u>D06M 11/-</u></b>			
	2018336160	2018335389	<b><u>E04G 17/-</u></b>	2018343118	<b><u>F16L 55/-</u></b>
2018335769	2018337028		2018345797	2018362224	
2018369825	2018337650	<b><u>D06M 15/-</u></b>		<b><u>E21B 37/-</u></b>	2018336895
<b><u>C10L 3/-</u></b>	2018344573		<b><u>E04G 21/-</u></b>		
	2018347619	2018342736		2018362224	<b><u>F16L 57/-</u></b>
	2018353813	2018348020			
2018335954	<b><u>C12R 1/-</u></b>		2018345797		2018333306
<b><u>C12C 5/-</u></b>		<b><u>E01B 11/-</u></b>	<b><u>E04G 25/-</u></b>	<b><u>E21B 41/-</u></b>	
	2017431448	2018334422			<b><u>F17C 13/-</u></b>
2018320201	2018324028		2018345797	2017443712	
<b><u>C12H 1/-</u></b>	<b><u>C13B 20/-</u></b>	<b><u>E01F 7/-</u></b>		2017443983	2018341980
		2018350279	<b><u>E04H 1/-</u></b>	2017444213	
2018327797	2018326393		2018327943	<b><u>E21B 43/-</u></b>	<b><u>F17C 7/-</u></b>
<b><u>C12M 1/-</u></b>	<b><u>C14C 3/-</u></b>	<b><u>E02B 3/-</u></b>			2018322410
		2018376334	<b><u>E04H 15/-</u></b>	2018343118	2018330635
2018335291	2018319566		2018326672	<b><u>E21B 47/-</u></b>	2018341980
<b><u>C12M 3/-</u></b>	<b><u>C22B 1/-</u></b>	<b><u>E03B 7/-</u></b>			<b><u>F17D 1/-</u></b>
		2018362268	<b><u>E04H 17/-</u></b>	2018335602	
2018335291	2018339457		2018338119	2018347465	2018336895
<b><u>C12N 1/-</u></b>	<b><u>C22B 21/-</u></b>	<b><u>E04B 1/-</u></b>		2018347466	
		2018327943	<b><u>E04H 4/-</u></b>	2018347467	<b><u>F21S 8/-</u></b>
2017431448	2018339457	2018333848		2018347875	2018332082
2018341227		2018344496	2018335965	2018347876	
<b><u>C12N 15/-</u></b>	<b><u>C22B 23/-</u></b>	2018376334	2018345417	2018367388	<b><u>F21V 23/-</u></b>
			<b><u>E05B 13/-</u></b>	<b><u>E21D 20/-</u></b>	
2018322319	2017430097	<b><u>E04B 2/-</u></b>			2018346609
2018323504	<b><u>C22B 3/-</u></b>		2018347006	2018329868	<b><u>F21V 29/-</u></b>
2018325899		2018327943		<b><u>F01K 25/-</u></b>	
2018336160	2017430097	2018344150	<b><u>E05B 19/-</u></b>		2018346609
2018338418		2018362970		2018332592	<b><u>F21V 31/-</u></b>
2018338423	<b><u>C22C 19/-</u></b>	<b><u>E04B 7/-</u></b>			
2018339164		2018333848	<b><u>E05B 27/-</u></b>	<b><u>F02N 11/-</u></b>	2018346609
2018340557	2018347410		2018332493		
2018341227		<b><u>E04B 9/-</u></b>		2018337954	<b><u>F21V 7/-</u></b>
2018345303	<b><u>C22C 30/-</u></b>		<b><u>E05B 47/-</u></b>	2018338196	
2018350793		2018362970		<b><u>F04D 25/-</u></b>	2017435310
2018350983	2018347410		2018332493		<b><u>F21W 131/-</u></b>
2018352583	<b><u>C25B 1/-</u></b>	<b><u>E04C 1/-</u></b>	2018347006	2017435532	
2018353813		2018344150	<b><u>E05B 63/-</u></b>		2017435310
2018371355	2018363551			<b><u>F16B 13/-</u></b>	2018346609
2018377716	<b><u>C25B 15/-</u></b>	<b><u>E04C 2/-</u></b>	2018347006		
2018394875			<b><u>E05C 1/-</u></b>	2018341897	<b><u>F21Y 115/-</u></b>
2018395084	2018363551	2018335848		<b><u>F16B 37/-</u></b>	
<b><u>C12N 5/-</u></b>	<b><u>C25B 3/-</u></b>	<b><u>E04C 3/-</u></b>	2018335042		2017435310
				2018335848	2018346609
2018330499	2018363551				
2018336901		2018362970			

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<b>F22B 1 /-</b>	<b>G01M 3 /-</b>		2018337036	<b>H02J 9 /-</b>	<b>H04N 1 /-</b>
2018322410	2018346820	<b>G05D 1 /-</b>	2018345850		
2018332592	2018346821	2018345417	2018349026	2018404160	2018347492
<b>F24C 15 /-</b>	<b>G01N 1 /-</b>	<b>G05D 21 /-</b>	<b>G07C 9 /-</b>	<b>H02M 3 /-</b>	<b>H04N 21 /-</b>
2018347080	2018332082	2018346576	2018347006	2018339256	2018337956
2018366936	2018337028		2018347358		2018338407
	2018337035	<b>G05D 23 /-</b>	<b>G07F 17 /-</b>	<b>H02S 20 /-</b>	
<b>F24C 7 /-</b>	2018337036	2017435881	2018347638	2018326390	<b>H04N 5 /-</b>
	2018337648				2018338407
2018333417	2018337650	<b>G06F 1 /-</b>	<b>G08C 17 /-</b>	<b>H02S 40 /-</b>	
	2018348080	2017435232	2018321284	2019312560	<b>H04Q 1 /-</b>
<b>F24F 11 /-</b>	<b>G01N 15 /-</b>				2018368801
2018346575		<b>G06F 3 /-</b>	<b>G08G 1 /-</b>	<b>H03K 19 /-</b>	
	2018332082	2017433305	2018336999	2018364955	<b>H04W 12 /-</b>
<b>F24F 13 /-</b>	2018369869	2018336999		2018364957	2018322147
2018346575		2018356316	<b>G09F 3 /-</b>	<b>H03K 3 /-</b>	<b>H04W 28 /-</b>
	<b>G01N 21 /-</b>	2018370018	2018337962	2018364954	2018340854
<b>F24S 20 /-</b>	2018337028				
	2018337035	<b>G06F 9 /-</b>	<b>G16B 30 /-</b>	<b>H04B 10 /-</b>	<b>H04W 4 /-</b>
2018326390	2018337036	2018336999	2018323509	2018368801	2018336999
2018347410	2018337648				2018345524
	2018337650	<b>G06K 19 /-</b>	<b>G16H 20 /-</b>	<b>H04B 11 /-</b>	
<b>F24S 25 /-</b>	2018348119	2018337962	2018335288	2018347465	<b>H04W 56 /-</b>
2018326390				2018347467	2018354175
	<b>G01N 30 /-</b>	<b>G06K 9 /-</b>	<b>H01J 29 /-</b>	2018347875	
<b>F24S 80 /-</b>	2018337028	2018327270	2018332878	2018347876	<b>H04W 72 /-</b>
	2018337650	2018335288			2018417516
2019312560	2018346576	2018336999	<b>H01J 31 /-</b>	<b>H04B 13 /-</b>	
		2018337036	2018332878	2018347875	<b>H04W 88 /-</b>
<b>F28C 1 /-</b>	<b>G01N 33 /-</b>	2018345850		2018347876	
	2017434549	2018349026	<b>H01Q 1 /-</b>		2018417516
2018336812	2018324427		2018334731	<b>H04B 3 /-</b>	
	2018332082	<b>G06Q 10 /-</b>		2018347466	<b>H05B 6 /-</b>
<b>F28D 7 /-</b>	2018333275	2018321284	<b>H01R 13 /-</b>		2017432256
	2018337028		2017434549	<b>H04B 7 /-</b>	2018333417
2018354934	2018337648	<b>G06Q 20 /-</b>		2018368801	
	2018337650	2018322147	<b>H02G 3 /-</b>		
<b>F28D 9 /-</b>	2018337947	2018339067		<b>H04L 1 /-</b>	
	2018341599	2018345387	<b>H02G 7 /-</b>	2017433231	
<b>F28F 17 /-</b>	2018343982		2018333306	2018361284	
	2018346712	<b>G06Q 30 /-</b>		2019222018	
2018354934	2018350861	2018345387	<b>H02J 3 /-</b>		
	2018351632		2018261510	<b>H04L 12 /-</b>	
<b>F28F 21 /-</b>	2018353813	<b>G06Q 40 /-</b>	2018415216	2018340854	
	2018356370	2018320772		2018341715	
<b>F28F 25 /-</b>	<b>G01N 35 /-</b>	<b>G06Q 50 /-</b>	<b>H02J 50 /-</b>	2018347466	
	2018335291	2017435881	2017443712	2018347467	
2018335954	2018348080	2018336999	2017444213		
				<b>H04L 29 /-</b>	
<b>F41G 1 /-</b>	<b>G01S 17 /-</b>	<b>G06T 1 /-</b>		2018337040	
	2018326401	2018370018	<b>H02J 7 /-</b>	2018341715	
2017434772					
	<b>G01S 5 /-</b>	<b>G06T 5 /-</b>		<b>H04L 9 /-</b>	
<b>G01C 21 /-</b>	2018319422	2017435234	2018337954	2018322147	
2018345524			2018338196		
	<b>G01V 3 /-</b>	<b>G06T 7 /-</b>	2018404160	<b>H04M 1 /-</b>	
<b>G01D 11 /-</b>	2018335602	2018335288		2018347492	
2018337035					
	<b>G03F 9 /-</b>				
<b>G01J 3 /-</b>	2018337035				
2018348119	2018337036				

Applications Accepted

Name Index

- 
- (71) 20 Emma 20 S.L.; Hegain 2100 Consulting S.L.  
 (11) AU-B-2016256246  
 (21) 2016256246 (22) 28.04.2016  
 (54) Formwork tube  
 (51) Int. Cl.  
*E04G 17/06* ( 2006.01 )  
*E04G 17/065* ( 2006.01 )  
 (87) WO2016/174134  
 (31) EP15382223.4 (32) 30.04.15 (33) EP  
 (43) 03.11.2016  
 (44) 09.04.2020  
 (72) Elduayen Madariaga, Juan Andres; Sanchez Garduño, Javier  
 (74) Griffith Hack
- 
- (71) 3M Innovative Properties Company  
 (11) AU-B-2017255540  
 (21) 2017255540 (22) 26.04.2017  
 (54) Spray application systems components comprising a repellent surface comprising a siloxane material and methods  
 (51) Int. Cl.  
*B05B 7/00* ( 2006.01 )  
 (87) WO2017/189684  
 (31) PCT/ (32) 21.10.16 (33) US  
 US2016/058166  
 62/327,783 26.04.16 US  
 (43) 02.11.2017  
 (44) 09.04.2020  
 (72) Meuler, Adam J.; Yorkgitis, Elaine M.; Hays, David S.; Hackbarth, Kent C.; Joseph, Stephen C. P.; Elsbernd, Cheryl L. S.; Nietfeld, Jon P.; Henna, Phillip H.; Kinning, David J.; Untiedt, Nicholas L.; Emslander, Jeffrey O.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) 3M Innovative Properties Company  
 (11) AU-B-2017281902  
 (21) 2017281902 (22) 23.06.2017  
 (54) Hearing protector with positional and sound monitoring sensors for proactive sound hazard avoidance  
 (51) Int. Cl.  
*A61F 11/06* ( 2006.01 )  
*A42B 3/16* ( 2006.01 )  
*A61F 9/06* ( 2006.01 )  
 (87) WO2017/223451  
 (31) 15/190,564 (32) 23.06.16 (33) US  
 62/408,564 14.10.16 US  
 (43) 28.12.2017  
 (44) 09.04.2020  
 (72) Awiszus, Steven T.; Kanukurthy, Kiran S.; Lobner, Eric C.; Quintero, Robert J.; Johnson, Micayla A.; Filloux, Madeleine E.; Ylitalo, Caroline M.; Martinson, Paul A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) 3M Innovative Properties Company  
 (11) AU-B-2018220961  
 (21) 2018220961 (22) 15.02.2018
- 
- (54) Earmuff hearing-protection device comprising sound-attenuating members  
 (51) Int. Cl.  
*A61F 11/14* ( 2006.01 )  
*H04R 1/10* ( 2006.01 )  
 (87) WO2018/150351  
 (31) 62/459,768 (32) 16.02.17 (33) US  
 (43) 23.08.2018  
 (44) 09.04.2020  
 (72) Almeflo, Per Ove  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) 7 Hills Interests, LLC  
 (11) AU-B-2015217142  
 (21) 2015217142 (22) 12.02.2015  
 (54) Compositions and methods to improve the homing and grafting of hematopoietic stem cells  
 (51) Int. Cl.  
*A61K 35/28* ( 2006.01 )  
*A61K 35/12* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2015/123447  
 (31) 61/938,988 (32) 12.02.14 (33) US  
 (43) 20.08.2015  
 (44) 09.04.2020  
 (72) Marathi, Upendra K.  
 (74) FB Rice Pty Ltd
- 
- (71) 8 Rivers Capital, LLC  
 (11) AU-B-2016277834  
 (21) 2016277834 (22) 13.06.2016  
 (54) System and method for startup of a power production plant  
 (51) Int. Cl.  
*F02C 3/22* ( 2006.01 )  
*F02C 3/34* ( 2006.01 )  
 (87) WO2016/205116  
 (31) 62/175,886 (32) 15.06.15 (33) US  
 (43) 22.12.2016  
 (44) 09.04.2020  
 (72) Fetvedt, Jeremy Eron; Forrest, Brock Alan  
 (74) Spruson & Ferguson
- 
- (71) 8 Rivers Capital, LLC  
 (11) AU-B-2016315932  
 (21) 2016315932 (22) 31.08.2016  
 (54) Systems and methods for power production using nested CO2 cycles  
 (51) Int. Cl.  
*F01K 23/10* ( 2006.01 )  
*F01K 25/10* ( 2006.01 )  
*F02C 1/00* ( 2006.01 )  
*F02C 3/34* ( 2006.01 )  
*F02C 6/02* ( 2006.01 )  
 (87) WO2017/040635  
 (31) 62/212,749 (32) 01.09.15 (33) US  
 (43) 09.03.2017  
 (44) 09.04.2020  
 (72) Allam, Rodney John; Forrest, Brock Alan  
 (74) Spruson & Ferguson
- 
- (71) Abbott Diabetes Care Inc.  
 (11) AU-B-2015259020  
 (21) 2015259020 (22) 14.05.2015  
 (54) Analyte level calibration using baseline analyte level  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*G01N 33/66* ( 2006.01 )  
 (87) WO2015/175828  
 (31) 61/993,908 (32) 15.05.14 (33) US  
 (43) 19.11.2015  
 (44) 09.04.2020  
 (72) Hoss, Udo; Budiman, Erwin S.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) AbbVie Deutschland GmbH & Co. KG  
 (11) AU-B-2015265872  
 (21) 2015265872 (22) 29.05.2015  
 (54) Nanoencapsulation of antigen-binding molecules  
 (51) Int. Cl.  
*A61K 9/51* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (87) WO2015/181344  
 (31) 14170537.6 (32) 30.05.14 (33) EP  
 62/005,163 30.05.14 US  
 (43) 03.12.2015  
 (44) 09.04.2020  
 (72) Curic, Anamarija; Moschwitzter, Jan-Peter  
 (74) Spruson & Ferguson
- 
- (71) Ab Initio Technology LLC  
 (11) AU-B-2015223287  
 (21) 2015223287 (22) 24.02.2015  
 (54) Compound controls  
 (51) Int. Cl.  
*G06F 9/44* ( 2006.01 )  
 (87) WO2015/130642  
 (31) 14/192,184 (32) 27.02.14 (33) US  
 (43) 03.09.2015  
 (44) 09.04.2020  
 (72) Yost, Gregg; Goldshlag, Joshua  
 (74) RnB IP Pty Ltd
- 
- (71) Aboca S.p.A. Società Agricola  
 (11) AU-B-2017271261  
 (21) 2017271261 (22) 22.05.2017  
 (54) Compositions comprising extract of poplar buds and uses thereof  
 (51) Int. Cl.  
*A61K 36/76* ( 2006.01 )  
 (87) WO2017/203414  
 (31) 102016000053369 (32) 24.05.16 (33) IT  
 (43) 30.11.2017  
 (44) 09.04.2020  
 (72) Mercati, Valentino; Mattoli, Luisa; Maidecchi, Anna; Lugli, Andrea  
 (74) Spruson & Ferguson
- 
- (71) ABUS August Bremicker Söhne KG  
 (11) AU-B-2016204186  
 (21) 2016204186 (22) 21.06.2016  
 (54) HOLDER

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**B62J 11/00** ( 2006.01 )  
**B62H 5/00** ( 2006.01 )  
**E05B 71/00** ( 2006.01 )  
**E05B 73/00** ( 2006.01 )  
**E05B 79/00** ( 2014.01 )  
(31) 10 2015 109 997.7 (32) 22.06.15 (33) DE  
(43) 12.01.2017  
(44) 09.04.2020  
(72) Heinemann, Stefan; Ocklenburg, Matthias  
(74) Phillips Ormonde Fitzpatrick

(71) Accenture Global Solutions Limited  
(11) AU-B-2018264046  
(21) 2018264046 (22) 14.11.2018  
(54) ANALYZING VALUE-RELATED DATA TO IDENTIFY AN ERROR IN THE VALUE-RELATED DATA AND/OR A SOURCE OF THE ERROR

(51) Int. Cl.  
**G06F 17/00** ( 2006.01 )  
(31) 15/818,471 (32) 20.11.17 (33) US  
(43) 06.06.2019  
(44) 09.04.2020  
(72) BISWAS, Sayantani; DHANAPAL, Nithyanandan Periasamy; VEMURI, Satish; BERARA, Ankan; ZULPI, Veenashri; KUMAR I.V.G. Surya  
(74) Murray Trento & Associates Pty Ltd

(71) AccuWeather, Inc.  
(11) AU-B-2017273520  
(21) 2017273520 (22) 31.05.2017  
(54) Method and system for predicting the impact of forecasted weather, environmental and/or geologic conditions  
(51) Int. Cl.  
**G01V 1/24** ( 2006.01 )  
**G01W 1/10** ( 2006.01 )  
**G06Q 50/26** ( 2012.01 )  
(87) WO2017/210273  
(31) 62/343,547 (32) 31.05.16 (33) US  
(43) 07.12.2017  
(44) 09.04.2020  
(72) Radich, Rosemary; Loftus, Tim; Bowers, Jennifer; Roehsner, Paul; Raymond, Paul; Root, Michael R.  
(74) Origin Patent and Trade Mark Attorneys

(71) Adaptive Spectrum and Signal Alignment, Inc.  
(11) AU-B-2018200888  
(21) 2018200888 (22) 07.02.2018  
(54) SYSTEMS AND METHODS FOR TRAFFIC AGGREGATION ON MULTIPLE WAN BACKHAULS AND MULTIPLE DISTINCT LAN NETWORKS  
(51) Int. Cl.  
**H04L 12/28** ( 2006.01 )  
**H04L 12/70** ( 2013.01 )  
(43) 22.02.2018  
(44) 09.04.2020  
(62) 2016200393  
(72) CIOFFI, John; TEHRANI, Ardavan Maleki; RHEE, Wonjong; BHAGAVATULA, Ramya; CHOW, Peter; KERPEZ, Kenneth; GALLI, Stefano; GOLDBURG, Marc; YUN, Sungho  
(74) Griffith Hack

(71) Adrok Limited  
(11) AU-B-2015216751  
(21) 2015216751 (22) 29.01.2015  
(54) Method of identifying reflected signals  
(51) Int. Cl.  
**G01V 1/36** ( 2006.01 )  
**G01V 3/38** ( 2006.01 )  
(87) WO2015/121614  
(31) 1402544.9 (32) 13.02.14 (33) GB  
(43) 20.08.2015  
(44) 09.04.2020  
(72) VAN DER DOEL, Cornelis Pieter  
(74) WRAYS PTY LTD

(71) Akebia Therapeutics Inc.  
(11) AU-B-2018250355  
(21) 2018250355 (22) 15.10.2018  
(54) PROCESS FOR PREPARING [(3-HYDROXY)PYRIDINE-2-CARBONYL]AMINOALKANOIC ACIDS, ESTERS AND AMIDES  
(51) Int. Cl.  
**C07D 213/62** ( 2006.01 )  
(43) 08.11.2018  
(44) 09.04.2020  
(62) 2017202414  
(72) Lanthier, Christopher M.; Gorin, Boris; Oudenes, Jan; Dixon, Craig Edward; Lu, Alan Quigbo; Copp, James Densmore; Janusz, John Michael  
(74) Spruson & Ferguson

(71) Akzo Nobel Coatings International B.V.  
(11) AU-B-2016325294  
(21) 2016325294 (22) 24.08.2016  
(54) Thermosetting composition, paint finishing method, and method for producing painted articles  
(51) Int. Cl.  
**C09D 183/02** ( 2006.01 )  
**C08L 67/02** ( 2006.01 )  
**C09D 167/02** ( 2006.01 )  
**C09D 175/06** ( 2006.01 )  
(87) WO2017/050511  
(31) 2015-188883 (32) 25.09.15 (33) JP  
(43) 30.03.2017  
(44) 09.04.2020  
(72) Mizutani, Hiroki; Tsujita, Takahiro; Kohashi, Taichiro; Nishida, Nobuhiro; Miyabe, Koji  
(74) Spruson & Ferguson

(71) ALADDIN MANUFACTURING CORPORATION  
(11) AU-B-2019200759  
(21) 2019200759 (22) 05.02.2019  
(54) SYSTEMS AND METHODS FOR MANUFACTURING BULKED CONTINUOUS FILAMENT  
(51) Int. Cl.  
**B29C 48/44** ( 2019.01 )  
(43) 21.02.2019  
(44) 09.04.2020  
(62) 2017232137  
(72) Clark, Thomas R.  
(74) AJ PARK

(71) Alex and Ani, LLC  
(11) AU-B-2015360753  
(21) 2015360753 (22) 08.12.2015  
(54) Sliding element for adjustable jewelry  
(51) Int. Cl.  
**A44C 15/00** ( 2006.01 )  
**A44B 11/04** ( 2006.01 )  
**A44C 5/00** ( 2006.01 )  
**A44C 5/22** ( 2006.01 )  
(87) WO2016/094394  
(31) 14/568,326 (32) 12.12.14 (33) US  
(43) 16.06.2016  
(44) 09.04.2020  
(72) Rafaelian, Carolyn A.  
(74) Spruson & Ferguson

(71) Alibaba Group Holding Limited  
(11) AU-B-2017364745  
(21) 2017364745 (22) 17.11.2017  
(54) Name matching method and apparatus  
(51) Int. Cl.  
**G06F 16/00** ( 2019.01 )  
(87) WO2018/095281  
(31) 201611055619.8 (32) 25.11.16 (33) CN  
(43) 31.05.2018  
(44) 09.04.2020  
(72) Sun, Qingping  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alibaba Group Holding Limited  
(11) AU-B-2018348327  
(21) 2018348327 (22) 30.11.2018  
(54) Utilizing nonce table to resolve concurrent blockchain transaction failure  
(51) Int. Cl.  
**G06F 21/60** ( 2013.01 )  
(87) WO2019/072287  
(43) 18.04.2019  
(44) 09.04.2020  
(72) Shen, Chao; Shao, Kailai; Lu, Xuming  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alibaba Group Holding Limited  
(11) AU-B-2019253827  
(21) 2019253827 (22) 23.10.2019  
(54) Method, system, and device for process triggering  
(51) Int. Cl.  
**G06F 3/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06F 3/033** ( 2006.01 )  
**G06F 3/048** ( 2006.01 )  
**G06F 3/0488** ( 2013.01 )  
**H04M 1/66** ( 2006.01 )  
**H04M 1/667** ( 2006.01 )  
(43) 14.11.2019  
(44) 09.04.2020  
(62) 2016347047  
(72) WANG, Dafeng  
(74) Cotters Patent & Trade Mark Attorneys

(71) Alteogen, Inc.  
(11) AU-B-2016283557

Applications Accepted - Name Index cont'd

(21) 2016283557 (22) 23.06.2016  
 (54) A stable liquid formulation of fusion protein with IgG Fc domain  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
 (87) WO2016/208989  
 (31) 10-2016-0078234 (32) 22.06.16 (33) KR  
 10-2015-0089186 23.06.15 KR  
 (43) 29.12.2016  
 (44) 09.04.2020  
 (72) Park, Soon Jae; Chung, Hye Shin; Kim, Jin Hwan; Kim, Yong Mo; Kim, Jun Young  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amenity Health, Inc.  
 (11) AU-B-2015300905  
 (21) 2015300905 (22) 07.08.2015  
 (54) Therapeutic cushion systems and methods  
 (51) Int. Cl.  
**A47C 20/02** ( 2006.01 )  
**A47C 20/04** ( 2006.01 )  
**A47G 9/10** ( 2006.01 )  
 (87) WO2016/022886  
 (31) 14/455,389 (32) 08.08.14 (33) US  
 (43) 11.02.2016  
 (44) 09.04.2020  
 (72) Melcher, Carl; Clark, Aaron; Erickson, Clint  
 (74) Shelston IP Pty Ltd.

(71) Amgen Inc.  
 (11) AU-B-2015355087  
 (21) 2015355087 (22) 01.12.2015  
 (54) Process for manipulating the level of glycan content of a glycoprotein  
 (51) Int. Cl.  
**C12P 21/00** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
 (87) WO2016/089919  
 (31) 62/085,759 (32) 01.12.14 (33) US  
 (43) 09.06.2016  
 (44) 09.04.2020  
 (72) Leiske, Daniel R.; Trentalange, Michael T.  
 (74) WRAYS PTY LTD

Amgen Inc. see Kite Pharma, Inc.  
 (21) 2017240788

(71) Amgen Inc.  
 (11) AU-B-2018220071  
 (21) 2018220071 (22) 22.08.2018  
 (54) Drug Delivery Device  
 (51) Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**A61M 5/20** ( 2006.01 )  
**A61M 5/42** ( 2006.01 )  
 (43) 06.09.2018

(44) 09.04.2020  
 (62) 2013348071  
 (72) Ring, Lawrence; Mehta, Dhairya; Toy, Stephanie; Tamtoro, Ferry; Cairns, Alexander Stuart; Gibson, Scott Robert  
 (74) WRAYS PTY LTD

(71) Ancora Heat, Inc.  
 (11) AU-B-2018213993  
 (21) 2018213993 (22) 07.08.2018  
 (54) Methods and devices for catheter advancement and delivery of substances therethrough  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (43) 23.08.2018  
 (44) 09.04.2020  
 (62) 2016266039  
 (72) Starksen, Niel F.; Im, Karl S.; Fabro, Mariel; Meier, Stephen; Serina, Eugene  
 (74) FB Rice Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2017234428  
 (21) 2017234428 (22) 24.02.2017  
 (54) Identification of voice inputs providing credentials  
 (51) Int. Cl.  
**G10L 15/00** ( 2006.01 )  
 (87) WO2017/160487  
 (31) PA2017 70128 (32) 21.02.17 (33) DK  
 15/268,360 16.09.16 US  
 62/308,090 14.03.16 US  
 (43) 21.09.2017  
 (44) 09.04.2020  
 (72) Akbacak, Murat; Hansen, Bryan; Evermann, Gunnar  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2018205173  
 (21) 2018205173 (22) 12.07.2018  
 (54) Device, method, and graphical user interface for manipulating soft keyboards  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
 (43) 02.08.2018  
 (44) 09.04.2020  
 (62) 2016202878  
 (72) Koch, Jonathan; Victor, B. Michael; Cieplinski, Avi E.; Missig, Julian  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2018223021  
 (21) 2018223021 (22) 31.08.2018  
 (54) Device, method, and graphical user interface for displaying additional information in response to a user contact  
 (51) Int. Cl.  
**G06F 3/0488** ( 2013.01 )  
 (43) 20.09.2018  
 (44) 09.04.2020  
 (62) 2016216580  
 (72) BERNSTEIN, Jeffrey Traer; MISSIG, Julian; CIEPLINSKI, Avi E.; BROWN, Mat-

thew I.; KHOE, May-Li; ZAMBETTI, Nicholas; COSTANZO, Bianca C.; HAGERTY, Myra; HART, David J.; VICTOR, B. Michael  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2019200161  
 (21) 2019200161 (22) 10.01.2019  
 (54) Reference switch architectures for noncontact sensing of substances  
 (51) Int. Cl.  
**G01N 21/27** ( 2006.01 )  
**G01J 3/08** ( 2006.01 )  
**G01N 21/47** ( 2006.01 )  
**G02B 26/04** ( 2006.01 )  
**G01N 21/21** ( 2006.01 )  
**G01N 21/35** ( 2006.01 )  
**G01N 21/49** ( 2006.01 )  
 (43) 31.01.2019  
 (44) 09.04.2020  
 (62) 2016316933  
 (72) KANGAS, Miikka M.; ARBORE, Mark Alan; SIMON, David I.; BISHOP, Michael J.; HILLEND AHL, James; CHEN, Robert  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aptis Medical, LLC  
 (11) AU-B-2018247233  
 (21) 2018247233 (22) 10.10.2018  
 (54) Prosthesis including ball and socket arrangement  
 (51) Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/38** ( 2006.01 )  
**A61F 2/42** ( 2006.01 )  
 (43) 09.04.2020  
 (44) 09.04.2020  
 (72) Scheker, Luis Roman  
 (74) LAMINAR IP PTY LTD

(71) ARCADYAN TECHNOLOGY CORPORATION  
 (11) AU-B-2018267626  
 (21) 2018267626 (22) 22.11.2018  
 (54) NETWORK DEVICE AND CONTROLLING METHOD THEREOF APPLICABLE FOR MESH NETWORKS  
 (51) Int. Cl.  
**H04W 40/28** ( 2009.01 )  
 (31) 106144270 (32) 15.12.17 (33) TW  
 (43) 04.07.2019  
 (44) 09.04.2020  
 (72) HSIEH, Tsung-Hsien; LEE, Chih-Fang  
 (74) PIPERS

(71) Ariagen, Inc.  
 (11) AU-B-2015315132  
 (21) 2015315132 (22) 10.09.2015  
 (54) Efficient and scalable synthesis of 2-(1H-indole-3'-carbonyl)-thiazole-4-carboxylic acid methyl ester and its structural analogs  
 (51) Int. Cl.  
**C07D 417/06** ( 2006.01 )  
**C07D 209/12** ( 2006.01 )  
 (87) WO2016/040553  
 (31) 62/049,804 (32) 12.09.14 (33) US

Applications Accepted - Name Index cont'd

(43) 17.03.2016  
 (44) 09.04.2020  
 (72) Song, Jiasheng; Zhang, Suoming; Li, Guodong; Yang, Luqing  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-B-2018226385  
 (21) 2018226385 (22) 03.09.2018  
 (54) GAMING CABINET  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*G07F 11/00* ( 2006.01 )

(43) 27.09.2018  
 (44) 09.04.2020  
 (62) 2016231610  
 (72) MCKAY, Linn Anthony; JADEJA, Rajendrasinh Banesinh; BIONDO, Dominic Steve; BARBOUR, Timothy Francis  
 (74) Griffith Hack

(71) Arkema Inc.

(11) AU-B-2018201337  
 (21) 2018201337 (22) 23.02.2018  
 (54) INTEGRATED ELECTRODE SEPARATOR ASSEMBLIES FOR LITHIUM ION BATTERIES  
 (51) Int. Cl.

*H01M 2/14* ( 2006.01 )  
 (43) 15.03.2018  
 (44) 09.04.2020  
 (62) 2013337752  
 (72) Schmidhauser, John; Garoury, Scott; Amin-Sanayei, Ramin; Roger, Christophe; He, Wensheng; Heinze, Rosemary  
 (74) Phillips Ormonde Fitzpatrick

(71) Armstrong World Industries, Inc.

(11) AU-B-2016243552  
 (21) 2016243552 (22) 28.03.2016  
 (54) Scratch resistant coating composition with a combination of hard particles  
 (51) Int. Cl.

*C09D 7/00* ( 2006.01 )  
*C08K 3/04* ( 2006.01 )  
*C08K 3/22* ( 2006.01 )  
 (87) WO2016/160666  
 (31) 14/678,183 (32) 03.04.15 (33) US  
 (43) 06.10.2016  
 (44) 09.04.2020  
 (72) Tian, Dong; Ross, Jeffrey S.  
 (74) Shelston IP Pty Ltd.

(71) ArthroCare Corporation

(11) AU-B-2015294568  
 (21) 2015294568 (22) 23.06.2015  
 (54) Electrosurgical system and method having enhanced arc prevention  
 (51) Int. Cl.  
*A61B 18/12* ( 2006.01 )  
 (87) WO2016/014198  
 (31) 14/339,583 (32) 24.07.14 (33) US  
 (43) 28.01.2016

(44) 09.04.2020  
 (72) Woloszko, Jean; Gasprede, Jonathan L.; Armstrong, Scott A.  
 (74) Davies Collison Cave Pty Ltd

Astellas Pharma Inc. see Kyoto University

(21) 2014279065

(71) AstraZeneca AB

(11) AU-B-2014339984  
 (21) 2014339984 (22) 23.10.2014  
 (54) Stable, aqueous antibody formulations  
 (51) Int. Cl.  
*A61K 38/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (87) WO2015/061584  
 (31) 61/895,143 (32) 24.10.13 (33) US  
 (43) 30.04.2015  
 (44) 09.04.2020  
 (72) Leach, William; Lewus, Rachael; McGivney, James; Newell, Kelcy; Stewart, Kevin Douglas  
 (74) Phillips Ormonde Fitzpatrick

(71) Automated Packaging Systems, Inc.

(11) AU-B-2016258449  
 (21) 2016258449 (22) 29.02.2016  
 (54) Packaging machine  
 (51) Int. Cl.  
*B65B 43/12* ( 2006.01 )  
 (87) WO2016/178733  
 (31) 62/156,381 (32) 04.05.15 (33) US  
 (43) 10.11.2016  
 (44) 09.04.2020  
 (72) Riccardi, Michael J.; Galosi, Robert S.; Valenti, Lawrence; Chuba, Larry; Shook, Donald P.; Ferrante, Robert L.; Imboden, Jeffrey R.; Romo, David; Stultz, Mark David  
 (74) Spruson & Ferguson

(71) Avery Dennison Corporation

(11) AU-B-2018226792  
 (21) 2018226792 (22) 01.03.2018  
 (54) Print receptive topcoat  
 (51) Int. Cl.  
*C09D 133/06* ( 2006.01 )  
*C09D 133/14* ( 2006.01 )  
 (87) WO2018/160804  
 (31) 201711007284 (32) 01.03.17 (33) IN  
 (43) 07.09.2018  
 (44) 09.04.2020  
 (72) Patil, Dhananjay; Nair, Shubhangi Hemant  
 (74) Griffith Hack

(71) Avexxin AS

(11) AU-B-2017235346  
 (21) 2017235346 (22) 14.03.2017  
 (54) Combination therapy for proliferative diseases  
 (51) Int. Cl.  
*A61K 31/4188* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/428* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2017/157951

(31) 1604318.4 (32) 14.03.16 (33) GB  
 (43) 21.09.2017  
 (44) 09.04.2020  
 (72) Johansen, Berit; Feuerherm, Astrid Jullumstrø  
 (74) FB Rice Pty Ltd

(71) Balltec Limited

(11) AU-B-2017291444  
 (21) 2017291444 (22) 27.06.2017  
 (54) A mooring connector  
 (51) Int. Cl.  
*B63B 21/50* ( 2006.01 )  
*E21B 17/06* ( 2006.01 )  
*E21B 41/10* ( 2006.01 )  
 (87) WO2018/002605  
 (31) 1611126.2 (32) 27.06.16 (33) GB  
 (43) 04.01.2018  
 (44) 09.04.2020  
 (72) Jackson, Jonathan; Teixeira, Marco; Parry, William David Loton  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

BASF SE see Ecolab USA Inc.

(21) 2018282432

(71) Battelle Memorial Institute

(11) AU-B-2019229359  
 (21) 2019229359 (22) 11.09.2019  
 (54) PORTABLE COUNTERMEASURE DEVICE  
 (51) Int. Cl.  
*H04K 3/00* ( 2006.01 )  
 (43) 03.10.2019  
 (44) 09.04.2020  
 (62) 2016325606  
 (72) MORROW, C. Alexander; STAMM, Daniel E.; WELCH, Raphael Joseph  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Bayer CropScience Aktiengesellschaft

(11) AU-B-2016236461  
 (21) 2016236461 (22) 15.03.2016  
 (54) Herbicidal compositions comprising isoxaflutole and diflufenican  
 (51) Int. Cl.  
*A01N 43/80* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
 (87) WO2016/150751  
 (31) 15160008.7 (32) 20.03.15 (33) EP  
 (43) 29.09.2016  
 (44) 09.04.2020  
 (72) Bagwell, Ralph; Tossens, Herve; Hills, Martin Jeffrey  
 (74) Griffith Hack

Bayer CropScience LP see Bayer CropScience NV

(21) 2014286296

Applications Accepted - Name Index cont'd

(71) Bayer CropScience NV; Bayer CropScience LP  
 (11) AU-B-2014286296  
 (21) 2014286296 (22) 01.07.2014  
 (54) Methods and means for modulating flowering time in monocot plants  
 (51) Int. Cl.  
 C12N 15/82 ( 2006.01 )  
 A01H 5/00 ( 2006.01 )  
 A01H 5/10 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 C12N 5/04 ( 2006.01 )  
 C12N 15/29 ( 2006.01 )  
 C12Q 1/68 ( 2006.01 )  
 (87) WO2015/000914  
 (31) 13174566.3 (32) 01.07.13 (33) EP  
 (43) 08.01.2015  
 (44) 09.04.2020  
 (72) Geuten, Koen; Kaufmann, Kerstin; Ruelens, Philip  
 (74) Davies Collison Cave Pty Ltd

Beckman Coulter, Inc. see DTIL Ireland Holdings Limited  
 (21) 2015267020

(71) Becton, Dickinson and Company  
 (11) AU-B-2017273353  
 (21) 2017273353 (22) 23.05.2017  
 (54) Invasive medical devices including magnetic region and systems and methods  
 (51) Int. Cl.  
 A61B 5/06 ( 2006.01 )  
 A61B 90/00 ( 2016.01 )  
 A61M 25/01 ( 2006.01 )  
 (87) WO2017/210018  
 (31) 15/170,531 (32) 01.06.16 (33) US  
 (43) 07.12.2017  
 (44) 09.04.2020  
 (72) Isaacson, S. Ray; Henderson, Edward G.; Shevgoor, Siddarth; Burkholz, Jonathan Karl  
 (74) Dark IP

(71) Beijing Dongfang Biotech Co., Ltd.  
 (11) AU-B-2017394444  
 (21) 2017394444 (22) 29.12.2017  
 (54) Anti-PCSK9 monoclonal antibody  
 (51) Int. Cl.  
 C07K 16/40 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 3/06 ( 2006.01 )  
 A61P 7/02 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 9/10 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 G01N 33/573 ( 2006.01 )  
 G01N 33/577 ( 2006.01 )  
 (87) WO2018/133649  
 (31) 201710052879.8 (32) 22.01.17 (33) CN  
 (43) 26.07.2018  
 (44) 09.04.2020  
 (72) Bai, Yi; Li, Xiaomin; Zhang, Wen; Wen, Shengmei  
 (74) James & Wells Intellectual Property

(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
 (11) AU-B-2017395127  
 (21) 2017395127 (22) 23.10.2017  
 (54) Cable twisting protection device, method of use thereof and wind turbine  
 (51) Int. Cl.  
 F03D 80/00 ( 2016.01 )  
 (87) WO2018/176818  
 (31) 201710195974.3 (32) 28.03.17 (33) CN  
 (43) 18.10.2018  
 (44) 09.04.2020  
 (72) Guo, Dadong; Xu, Yong  
 (74) Madderns Pty Ltd

(71) Bendix Spicer Foundation Brake LLC  
 (11) AU-B-2016317850  
 (21) 2016317850 (22) 01.09.2016  
 (54) Wear optimized pad design  
 (51) Int. Cl.  
 F16D 65/092 ( 2006.01 )  
 F16D 55/228 ( 2006.01 )  
 (87) WO2017/040765  
 (31) 14/844,813 (32) 03.09.15 (33) US  
 (43) 09.03.2017  
 (44) 09.04.2020  
 (72) Sabeti, Manouchehr  
 (74) Watermark Intellectual Property Pty Ltd

(71) biOasis Technologies, Inc.  
 (11) AU-B-2015210612  
 (21) 2015210612 (22) 03.02.2015  
 (54) P97 fusion proteins  
 (51) Int. Cl.  
 C07K 16/30 ( 2006.01 )  
 C07K 14/79 ( 2006.01 )  
 C07K 16/32 ( 2006.01 )  
 (87) WO2015/117121  
 (31) 61/935,253 (32) 03.02.14 (33) US  
 (43) 06.08.2015  
 (44) 09.04.2020  
 (72) Vitalis, Timothy Z.; Gabathuler, Reinhard  
 (74) Davies Collison Cave Pty Ltd

(71) Biocon Limited  
 (11) AU-B-2016325733  
 (21) 2016325733 (22) 22.09.2016  
 (54) Crystalline forms of posaconazole intermediate and process for the preparation of amorphous posaconazole  
 (51) Int. Cl.  
 C07D 405/00 ( 2006.01 )  
 (87) WO2017/051342  
 (31) 5080/CHE/2015 (32) 23.09.15 (33) IN  
 6013/CHE/2015 06.11.15 IN  
 (43) 30.03.2017  
 (44) 09.04.2020  
 (72) Charyulu, Palle Venkata Raghavendra; Gowda, Dharshan Jakkali Chandre; Rajmahendra, Shanmugasamy; Raman, Manikandan  
 (74) AJ Pietras IP Limited

Biokine Therapeutics Ltd. see BioLineRx Ltd.  
 (21) 2014343214

(71) Biokine Therapeutics Ltd.  
 (11) AU-B-2016371466  
 (21) 2016371466 (22) 15.12.2016  
 (54) Small molecules for inhibiting chemokine activity, a kinase activity and/or cancer cells growth  
 (51) Int. Cl.  
 C07D 215/22 ( 2006.01 )  
 A61K 31/4704 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 35/02 ( 2006.01 )  
 C07D 215/24 ( 2006.01 )  
 (87) WO2017/103932  
 (31) 62/268,586 (32) 17.12.15 (33) US  
 (43) 22.06.2017  
 (44) 09.04.2020  
 (72) Peled, Amnon; Abraham, Michal; Eizenberg, Orly  
 (74) WRAYS PTY LTD

(71) BioLineRx Ltd.; Biokine Therapeutics Ltd.  
 (11) AU-B-2014343214  
 (21) 2014343214 (22) 30.10.2014  
 (54) Methods of treating acute myeloid leukemia with a FLT3 mutation  
 (51) Int. Cl.  
 A61K 38/10 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2015/063768  
 (31) 61/897,921 (32) 31.10.13 (33) US  
 61/945,302 27.02.14 US  
 (43) 07.05.2015  
 (44) 09.04.2020  
 (72) Peled, Amnon; Abraham, Michal  
 (74) Spruson & Ferguson

(71) Bobst Mex SA  
 (11) AU-B-2017264304  
 (21) 2017264304 (22) 03.05.2017  
 (54) Method of aligning an upper and a lower changeable tool, and device for processing workpiece sheets  
 (51) Int. Cl.  
 B26D 7/18 ( 2006.01 )  
 B26F 1/00 ( 2006.01 )  
 B26F 1/40 ( 2006.01 )  
 (87) WO2017/194197  
 (31) 10 2016 108 968.0 (32) 13.05.16 (33) DE  
 (43) 16.11.2017  
 (44) 09.04.2020  
 (72) Fauconneau, Olivier  
 (74) FB Rice Pty Ltd

(71) Boston Scientific Neuromodulation Corporation  
 (11) AU-B-2017324927  
 (21) 2017324927 (22) 06.09.2017  
 (54) Pulse definition circuitry for creating stimulation waveforms in an implantable pulse generator  
 (51) Int. Cl.  
 A61N 1/02 ( 2006.01 )  
 A61N 1/05 ( 2006.01 )  
 A61N 1/36 ( 2006.01 )  
 (87) WO2018/048922  
 (31) 62/393,002 (32) 10.09.16 (33) US  
 15/696,041 05.09.17 US  
 (43) 15.03.2018

Applications Accepted - Name Index cont'd

- (44) 09.04.2020  
 (72) Weiss, Philip Leonard; Marnfeldt, Goran N.; Wagenbach, David Michael  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2017338749  
 (21) 2017338749 (22) 03.10.2017  
 (54) Partially oval capsule for reloadable hemostasis clipping device  
 (51) Int. Cl.  
**A61B 17/122** ( 2006.01 )  
**A61B 17/128** ( 2006.01 )  
 (87) WO2018/067569  
 (31) 62/404,992 (32) 06.10.16 (33) US  
 (43) 12.04.2018  
 (44) 09.04.2020  
 (72) King, Joseph W.; Suon, Naroun; Lehtinen, Laurie A.; Ryan, Shawn; May, Norman C.; Estevez, Ramon  
 (74) Spruson & Ferguson
- 
- (71) Bracco Diagnostics Inc.  
 (11) AU-B-2015229189  
 (21) 2015229189 (22) 13.03.2015  
 (54) Real time nuclear isotope detection  
 (51) Int. Cl.  
**G01T 1/167** ( 2006.01 )  
**G01T 1/161** ( 2006.01 )  
 (87) WO2015/138910  
 (31) 61/952,270 (32) 13.03.14 (33) US  
 (43) 17.09.2015  
 (44) 09.04.2020  
 (72) McQuaid, James Howard; Nunn, Adrian D.; Steinmeyer, Paul Robert  
 (74) Griffith Hack
- 
- (71) BRISTOL-MYERS SQUIBB COMPANY  
 (11) AU-B-2018201273  
 (21) 2018201273 (22) 22.02.2018  
 (54) FIBRONECTIN BASED SCAFFOLD DOMAIN PROTEINS THAT BIND TO MYOSTATIN  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
 (43) 15.03.2018  
 (44) 09.04.2020  
 (62) 2013315482  
 (72) CLOAD, Sharon; ENGLE, Linda; LIPOVSEK, Dasa; SWAIN, Joanna; ZHAO, Wenjun; CORBETT, Martin J.; KOZHICH, Alexander T.; KRYSSTEK Jr., Stanley Richard; RAMAMURTHY, Vidhyashankar; WEI, Hui; YAMNIUK, Aaron P.; RAKESTRAW, Ginger Chao; MA-DIREDDI, Malavi  
 (74) AJ PARK
- 
- (71) C.R. Bard, Inc.  
 (11) AU-B-2016265685  
 (21) 2016265685 (22) 13.05.2016  
 (54) Catheter placement device including an extensible needle safety component  
 (51) Int. Cl.  
**A61M 5/178** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (87) WO2016/187037
- 
- (71) Calysta, Inc.  
 (11) AU-B-2016260332  
 (21) 2016260332 (22) 13.05.2016  
 (54) Proline auxotrophs  
 (51) Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12P 13/24** ( 2006.01 )  
**C12R 1/26** ( 2006.01 )  
 (87) WO2016/183413  
 (31) 62/160,896 (32) 13.05.15 (33) US  
 (43) 17.11.2016  
 (44) 09.04.2020  
 (72) Stumpe, Jana  
 (74) Spruson & Ferguson
- 
- (71) Cardiac Pacemakers, Inc.  
 (11) AU-B-2017261222  
 (21) 2017261222 (22) 01.05.2017  
 (54) Battery lithium cluster growth control  
 (51) Int. Cl.  
**H01M 10/04** ( 2006.01 )  
**H01M 2/18** ( 2006.01 )  
**H01M 10/052** ( 2010.01 )  
**H01M 10/0585** ( 2010.01 )  
 (87) WO2017/192455  
 (31) 62/330,317 (32) 02.05.16 (33) US  
 (43) 09.11.2017  
 (44) 09.04.2020  
 (72) Vedoy, Arild  
 (74) Spruson & Ferguson
- 
- (71) Cardiac Pacemakers, Inc.  
 (11) AU-B-2017387024  
 (21) 2017387024 (22) 22.12.2017  
 (54) Leadless delivery catheter with conductive pathway  
 (51) Int. Cl.  
**A61N 1/375** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/04** ( 2006.01 )  
**A61M 25/02** ( 2006.01 )  
 (87) WO2018/125791  
 (31) 62/439,259 (32) 27.12.16 (33) US  
 (43) 05.07.2018  
 (44) 09.04.2020  
 (72) Soltis, Brian; Koop, Brendan E.; Haasl, Benjamin J.; Koubal, Kurt G.; Goodman, James P.; Hackenmueller, Vincent P.  
 (74) Spruson & Ferguson
- 
- (71) CareFusion 303, Inc.  
 (11) AU-B-2016243544  
 (21) 2016243544 (22) 28.03.2016  
 (54) Matter tracking system  
 (51) Int. Cl.  
**A61B 1/06** ( 2006.01 )
- 
- (31) 62/162,548 (32) 15.05.15 (33) US  
 (43) 24.11.2016  
 (44) 09.04.2020  
 (72) Blanchard, Daniel B.; Tran, Huy Ngoc; Ribelin, Rex A.; Russell, Thomas S.; Orome, Amir; Diamond, Jordan P.; Lindekugel, Eric W.; Christensen, Mark A.; Muse, Jay A.  
 (74) FB Rice Pty Ltd
- 
- (87) WO2016/160658  
 (31) 14/677,789 (32) 02.04.15 (33) US  
 (43) 06.10.2016  
 (44) 09.04.2020  
 (72) Ocolai, Bill; Bloom, Mark; Brown, David  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Casale SA  
 (11) AU-B-2016212348  
 (21) 2016212348 (22) 11.01.2016  
 (54) A process for the synthesis of ammonia  
 (51) Int. Cl.  
**C01C 1/04** ( 2006.01 )  
**C01B 3/02** ( 2006.01 )  
**C01B 3/32** ( 2006.01 )  
 (87) WO2016/120045  
 (31) 15152699.3 (32) 27.01.15 (33) EP  
 (43) 04.08.2016  
 (44) 09.04.2020  
 (72) Ostuni, Raffaele; Filippi, Ermanno; Rossi, Umberto  
 (74) K&L Gates
- 
- (71) Case Western Reserve University  
 (11) AU-B-2018232909  
 (21) 2018232909 (22) 18.09.2018  
 (54) Therapy delivery devices and methods for non-damaging neural tissue conduction block  
 (51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/06** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
 (43) 04.10.2018  
 (44) 09.04.2020  
 (62) 2017202381  
 (72) BHADRA, Niloy; KILGORE, Kevin L.; BHADRA, Narendra; WAINRIGHT, Jesse; VRABEC, Tina; FRANKE, Manfred  
 (74) Spruson & Ferguson
- 
- (71) Celgene Quantice Research, Inc.  
 (11) AU-B-2015253040  
 (21) 2015253040 (22) 30.04.2015  
 (54) Inhibitors of lysine specific demethylase-1  
 (51) Int. Cl.  
**C07D 239/22** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2015/168466  
 (31) 61/987,354 (32) 01.05.14 (33) US  
 (43) 05.11.2015  
 (44) 09.04.2020  
 (72) Chen, Young K.; Kanouni, Toufike; Kaldor, Stephen W.; Stafford, Jeffrey Alan; Veal, James Marvin  
 (74) Spruson & Ferguson
- 
- (71) Cellix Bio Private Limited  
 (11) AU-B-2014414316  
 (21) 2014414316 (22) 29.12.2014



Applications Accepted - Name Index cont'd

(54) Three component salts of fumaric acid monomethyl ester with piperazine or ethylene diamine for the treatment of multiple sclerosis  
 (51) Int. Cl.  
**C07D 295/02** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
 (87) WO2016/098119  
 (31) 5330/CHE/2014 (32) 27.10.14 (33) IN  
 (43) 23.06.2016  
 (44) 09.04.2020  
 (72) Kandula, Mahesh  
 (74) Griffith Hack

(71) Chemical & Biopharmaceutical Laboratories of Patras S.A.  
 (11) AU-B-2014313779  
 (21) 2014313779 (22) 28.08.2014  
 (54) Amino diacids containing peptide modifiers  
 (51) Int. Cl.  
**C07K 14/505** ( 2006.01 )  
**C07K 1/04** ( 2006.01 )  
**C07K 1/107** ( 2006.01 )  
**C07K 14/575** ( 2006.01 )  
**C07K 14/62** ( 2006.01 )  
**C07K 14/635** ( 2006.01 )  
**C07K 14/695** ( 2006.01 )  
 (87) WO2015/028966  
 (31) 1315335.8 (32) 29.08.13 (33) GB  
 (43) 05.03.2015  
 (44) 09.04.2020  
 (72) Barlos, Kleomenis; Gatos, Dimitrios; Barlos, Kostas K.; Vasileiou, Zoi  
 (74) FB Rice Pty Ltd

Chen, S. see Chen, Y.  
 (21) 2015255653

(71) Chen, Y.; Chen, S.  
 (11) AU-B-2015255653  
 (21) 2015255653 (22) 09.05.2015  
 (54) Spoon head device for use with chopsticks  
 (51) Int. Cl.  
**A47G 21/04** ( 2006.01 )  
 (87) WO2015/172125  
 (31) 61/991,169 (32) 09.05.14 (33) US  
 14/708,240 09.05.15 US  
 (43) 12.11.2015  
 (44) 09.04.2020  
 (72) Chen, Ywanne; Chen, Shane  
 (74) Spruson & Ferguson

(71) Chengdu Qianjia Technology Co., Ltd  
 (11) AU-B-2017254028  
 (21) 2017254028 (22) 18.04.2017  
 (54) Method of calibrating ultrasound transmission time for ultrasound flowmeter, system, and flowmeter  
 (51) Int. Cl.  
**G01F 1/66** ( 2006.01 )  
**G01F 25/00** ( 2006.01 )  
 (87) WO2017/181939

(31) 201610246863.6 (32) 20.04.16 (33) CN  
 (43) 26.10.2017  
 (44) 09.04.2020  
 (72) Liu, Xun  
 (74) Armour IP Pty Ltd

(71) Chevron U.S.A. Inc.  
 (11) AU-B-2015339146  
 (21) 2015339146 (22) 29.10.2015  
 (54) Polymer compositions  
 (51) Int. Cl.  
**C09K 8/58** ( 2006.01 )  
**C09K 8/68** ( 2006.01 )  
**C09K 8/88** ( 2006.01 )  
 (87) WO2016/069937  
 (31) 62/073,174 (32) 31.10.14 (33) US  
 (43) 06.05.2016  
 (44) 09.04.2020  
 (72) Dwarakanath, Varadarajan; Dean, Robert M.; Kim, Do Hoon; Alexis, Dennis Arun; Thach, Sophany; Malik, Taimur; Poulsen, Anette; Subrahmanyam, Sumitra  
 (74) FPA Patent Attorneys Pty Ltd

(71) China University of Mining and Technology; Xuzhou Zhonan Science & Technology Co., Ltd  
 (11) AU-B-2017403550  
 (21) 2017403550 (22) 16.11.2017  
 (54) Method for determining physical similar simulation material of solid filling body  
 (51) Int. Cl.  
**G01N 3/08** ( 2006.01 )  
 (87) WO2018/166230  
 (31) 201710156494.6 (32) 16.03.17 (33) CN  
 (43) 20.09.2018  
 (44) 09.04.2020  
 (72) Zhang, Jixiong; Han, Xiaole; Zhang, Qiang; Lan, Lixin; Chen, Yadong; Tai, Yang  
 (74) Madderns Pty Ltd

(71) CHOIROCK CONTENTS FACTORY CO., LTD.  
 (11) AU-B-2016366133  
 (21) 2016366133 (22) 29.09.2016  
 (54) Shooting-type toy  
 (51) Int. Cl.  
**A63H 13/10** ( 2006.01 )  
**A63H 3/04** ( 2006.01 )  
**A63H 29/00** ( 2006.01 )  
**A63H 33/00** ( 2006.01 )  
**A63H 33/30** ( 2006.01 )  
 (87) WO2017/099339  
 (31) 10-2015-0190234 (32) 30.12.15 (33) KR  
 10-2015-0173450 07.12.15 KR  
 (43) 15.06.2017  
 (44) 09.04.2020  
 (72) Choi, Jong-Il  
 (74) WRAYS PTY LTD

(71) Chongqing Dikang Erle Pharma Co. Ltd.  
 (11) AU-B-2015399642  
 (21) 2015399642 (22) 26.06.2015  
 (54) Novel phosphodiesterase type-5 inhibitor and application thereof  
 (51) Int. Cl.  
**C07D 471/14** ( 2006.01 )

**A61K 31/195** ( 2006.01 )  
**A61P 15/10** ( 2006.01 )  
 (87) WO2016/206097  
 (43) 29.12.2016  
 (44) 09.04.2020  
 (72) Chen, Zhongzhu; Xu, Zhigang; Tang, Di-anyong  
 (74) WRAYS PTY LTD  
 (71) Chr. Hansen A/S  
 (11) AU-B-2014292288  
 (21) 2014292288 (22) 11.07.2014  
 (54) Milk clotting aspartic protease enzyme composition  
 (51) Int. Cl.  
**C12N 9/64** ( 2006.01 )  
 (87) WO2015/007638  
 (31) 13177064.6 (32) 18.07.13 (33) EP  
 (43) 22.01.2015  
 (44) 09.04.2020  
 (72) Lund, Martin; Jacobsen, Jonas; Van Den Brink, Johannes Maarten  
 (74) Spruson & Ferguson

(71) Chronos Therapeutics Limited  
 (11) AU-B-2015316472  
 (21) 2015316472 (22) 14.09.2015  
 (54) N-(hetero)aryl-substituted heterocyclic derivatives useful for the treatment of diseases or conditions related to the central nervous system  
 (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/409** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 211/48** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
 (87) WO2016/042453  
 (31) 1416351.3 (32) 16.09.14 (33) GB  
 (43) 24.03.2016  
 (44) 09.04.2020  
 (72) Cremonesi, Susanna; Micheli, Fabrizio; Semeraro, Teresa; Tarsi, Luca; Luker, Tim; Leslie, Colin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-B-2014397042  
 (21) 2014397042 (22) 09.06.2014  
 (54) Hydantoin derivative-containing pharmaceutical composition  
 (51) Int. Cl.  
**A61K 31/435** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 19/04** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
 (87) WO2015/189901  
 (43) 17.12.2015

Applications Accepted - Name Index cont'd

- (44) 09.04.2020  
 (72) Noda, Hiroshi; Kitamura, Hidetomo; Tamura, Tatsuya  
 (74) Spruson & Ferguson
- 
- (71) CLINIVAC LTD  
 (11) AU-B-2016254508  
 (21) 2016254508 (22) 27.04.2016  
 (54) Vacuum cleaner envelope  
 (51) Int. Cl.  
**A47L 7/00** ( 2006.01 )  
 (87) WO2016/174423  
 (31) 1507091.5 (32) 27.04.15 (33) GB  
 (43) 03.11.2016  
 (44) 09.04.2020  
 (72) Burr, Alan Graham  
 (74) Alan Graham Burr
- 
- (71) ConneC Limited  
 (11) AU-B-2014401665  
 (21) 2014401665 (22) 27.11.2014  
 (54) An electrical connector  
 (51) Int. Cl.  
**H01B 17/00** ( 2006.01 )  
**H01B 7/00** ( 2006.01 )  
**H01R 13/00** ( 2006.01 )  
**H01R 29/00** ( 2006.01 )  
 (87) WO2016/011475  
 (31) 2014902876 (32) 24.07.14 (33) AU  
 (43) 28.01.2016  
 (44) 09.04.2020  
 (72) Williams, Stephen  
 (74) Griffith Hack
- 
- (71) Contera Pharma APS  
 (11) AU-B-2015281448  
 (21) 2015281448 (22) 25.06.2015  
 (54) Use of buspirone metabolites  
 (51) Int. Cl.  
**A61K 31/4166** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/422** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )  
 (87) WO2015/197079  
 (31) PA 2015 70102 (32) 26.02.15 (33) DK  
 PA 2015 70101 26.02.15 DK  
 PA 2014 70389 26.06.14 DK  
 PA 2014 70388 26.06.14 DK  
 (43) 30.12.2015  
 (44) 09.04.2020  
 (72) Hansen, John Bondo; Thomsen, Mikael S.  
 (74) Spruson & Ferguson
- 
- (71) Copma S.c.a.r.l.  
 (11) AU-B-2016251951  
 (21) 2016251951 (22) 20.04.2016  
 (54) Product for cleaning, sanitizing and hygienization  
 (51) Int. Cl.  
**C11D 3/38** ( 2006.01 )  
 (87) WO2016/170479  
 (31) 102015000012659 (32) 22.04.15 (33) IT

- (43) 27.10.2016  
 (44) 09.04.2020  
 (72) Rodolfi, Alberto; Caselli, Elisabetta  
 (74) Lord & Company
- 
- (71) Coramed Technologies, LLC  
 (11) AU-B-2014227711  
 (21) 2014227711 (22) 14.03.2014  
 (54) Apparatus, cartridge and method for hemostasis testing  
 (51) Int. Cl.  
**G01N 33/49** ( 2006.01 )  
 (87) WO2014/144259  
 (31) 61/792,349 (32) 15.03.13 (33) US  
 (43) 18.09.2014  
 (44) 09.04.2020  
 (72) Delmenico, Peter; Lopez-Espina, Carlos G.; Raviv, Gabriel  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Corning Incorporated  
 (11) AU-B-2015374004  
 (21) 2015374004 (22) 30.12.2015  
 (54) Methods for thermally treating glass articles  
 (51) Int. Cl.  
**C03B 25/00** ( 2006.01 )  
**C03B 25/08** ( 2006.01 )  
**C03B 32/00** ( 2006.01 )  
**C03C 21/00** ( 2006.01 )  
 (87) WO2016/109697  
 (31) 62/098,711 (32) 31.12.14 (33) US  
 (43) 07.07.2016  
 (44) 09.04.2020  
 (72) Ellison, Adam James; Kiczenski, Timothy James; Morris, Stephanie Lynn; Schaut, Robert Anthony; Tietje, Steven Alvin  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) CorTec GmbH  
 (11) AU-B-2015340498  
 (21) 2015340498 (22) 30.10.2015  
 (54) Implantable plug connector  
 (51) Int. Cl.  
**H01R 13/52** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/375** ( 2006.01 )  
**H01R 13/645** ( 2006.01 )  
 (87) WO2016/066815  
 (31) 10 2014 115 859.8 (32) 30.10.14 (33) DE  
 (43) 06.05.2016  
 (44) 09.04.2020  
 (72) Schüttler, Martin; Koch, Julia; Ordenez, Juan Sebastian; Rickert, Jörn  
 (74) Griffith Hack
- 
- (71) Covidien LP  
 (11) AU-B-2015307169  
 (21) 2015307169 (22) 28.07.2015  
 (54) Systems and methods for using a digital controller to adjust one or more operations of a microwave generator  
 (51) Int. Cl.  
**A61B 18/18** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
 (87) WO2016/032666  
 (31) 62/041,402 (32) 25.08.14 (33) US  
 (43) 03.03.2016

- (44) 09.04.2020  
 (72) Brannan, Joseph D.  
 (74) Spruson & Ferguson
- 
- (71) Covidien LP  
 (11) AU-B-2017259119  
 (21) 2017259119 (22) 13.04.2017  
 (54) Systems and methods facilitating application of an appropriate thermal dosage in microwave ablation procedures  
 (51) Int. Cl.  
**A61B 18/18** ( 2006.01 )  
 (87) WO2017/192255  
 (31) 15/144,989 (32) 03.05.16 (33) US  
 (43) 09.11.2017  
 (44) 09.04.2020  
 (72) Brannan, Joseph A.  
 (74) Spruson & Ferguson
- 
- (71) Covidien LP  
 (11) AU-B-2019201096  
 (21) 2019201096 (22) 15.02.2019  
 (54) A stent delivery system  
 (51) Int. Cl.  
**A61F 2/00** ( 2006.01 )  
 (43) 07.03.2019  
 (44) 09.04.2020  
 (62) 2016277624  
 (72) NEWELL, Gabriel; HUYNH, Andy; FARHAT, Lawrence; HOLLOWAY, Kenneth  
 (74) Spruson & Ferguson
- 
- (71) Creo Medical Limited  
 (11) AU-B-2015332594  
 (21) 2015332594 (22) 16.10.2015  
 (54) An RF and/or microwave energy conveying structure, and an invasive electrosurgical scoping device incorporating the same  
 (51) Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 18/18** ( 2006.01 )  
**H01R 24/56** ( 2011.01 )  
 (87) WO2016/059209  
 (31) 1418474.1 (32) 17.10.14 (33) GB  
 (43) 21.04.2016  
 (44) 09.04.2020  
 (72) Hancock, Christopher Paul; White, Malcolm; Ullrich, George Christian; Webb, David Edward; Preston, Shaun; Morris, Steven  
 (74) AJ PARK
- 
- (71) Crossroads Extremity Systems, LLC  
 (11) AU-B-2019208253  
 (21) 2019208253 (22) 26.07.2019  
 (54) Bone plates with dynamic elements  
 (51) Int. Cl.  
**A61B 17/84** ( 2006.01 )  
 (43) 15.08.2019  
 (44) 09.04.2020  
 (62) 2018202756  
 (72) Hollis, Chad Michael; Hartdegen, Raymond Vernon; Sayger, Daniel  
 (74) FB Rice Pty Ltd

Applications Accepted - Name Index cont'd

**Daifuku Co., Ltd. see Jervis B. Webb International Company**  
**(21)** 2016223308

**Dana-Farber Cancer Institute, Inc. see Genus Oncology, LLC.**  
**(21)** 2015211034

**(71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2015231164  
**(21)** 2015231164 **(22)** 19.03.2015  
**(54)** Immunogenetic restriction on elicitation of antibodies  
**(51)** Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**(87)** WO2015/143194  
**(31)** 61/955,678 **(32)** 19.03.14 **(33)** US  
 61/974,297 02.04.14 US  
**(43)** 24.09.2015  
**(44)** 09.04.2020  
**(72)** Marasco, Wayne; Avnir, Yuval  
**(74)** Spruson & Ferguson

**Dentsply Sirona Inc. see Sirona Dental Systems GmbH**  
**(21)** 2019275653

**(71)** DePuy Synthes Products, Inc.  
**(11)** AU-B-2016201738  
**(21)** 2016201738 **(22)** 18.03.2016  
**(54)** KNOTLESS SUTURE ANCHOR GUIDE  
**(51)** Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**(31)** 14/694,526 **(32)** 23.04.15 **(33)** US  
**(43)** 10.11.2016  
**(44)** 09.04.2020  
**(72)** Spivey, James T.; Joshi, Ami  
**(74)** Spruson & Ferguson

**(71)** Depuy Synthes Products, LLC  
**(11)** AU-B-2018247301  
**(21)** 2018247301 **(22)** 12.10.2018  
**(54)** BRAIDED STENT WITH EXPANSION RING AND METHOD OF DELIVERY  
**(51)** Int. Cl.  
**A61F 2/90** ( 2013.01 )  
**A61F 2/966** ( 2013.01 )  
**(43)** 01.11.2018  
**(44)** 09.04.2020  
**(62)** 2014201193  
**(72)** Slazas, Robert R.; Tehrani, Ramin  
**(74)** Spruson & Ferguson

**(71)** Deutsches Krebsforschungszentrum  
**(11)** AU-B-2018296527  
**(21)** 2018296527 **(22)** 04.07.2018  
**(54)** Improved Rep protein for use in a diagnostic assay  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )

**G01N 33/68** ( 2006.01 )  
**(87)** WO2019/008052  
**(31)** 17180235.8 **(32)** 07.07.17 **(33)** EP  
**(43)** 10.01.2019  
**(44)** 09.04.2020  
**(72)** BUND, Timo; DE VILLIERS, Ethel-Michele; ZUR HAUSEN, Harald  
**(74)** Griffith Hack

**(71)** Dexcom, Inc.  
**(11)** AU-B-2018210838  
**(21)** 2018210838 **(22)** 16.01.2018  
**(54)** Sensors for continuous analyte monitoring  
**(51)** Int. Cl.  
**A61B 5/1473** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1459** ( 2006.01 )  
**(87)** WO2018/136400  
**(31)** 62/447,822 **(32)** 18.01.17 **(33)** US  
**(43)** 26.07.2018  
**(44)** 09.04.2020  
**(72)** Böhm, Sebastian; Samant, Pradnya Prakash; Zou, Jiong  
**(74)** FB Rice Pty Ltd

**(71)** Diamyd Medical AB  
**(11)** AU-B-2015268960  
**(21)** 2015268960 **(22)** 04.06.2015  
**(54)** Novel combinations for antigen based therapy  
**(51)** Int. Cl.  
**A61K 31/592** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61K 31/593** ( 2006.01 )  
**A61K 38/28** ( 2006.01 )  
**(87)** WO2015/187087  
**(31)** 1451315-4 **(32)** 04.11.14 **(33)** SE  
 1450678-6 04.06.14 SE  
**(43)** 10.12.2015  
**(44)** 09.04.2020  
**(72)** Essen-Moller, Anders; Ludvigsson, Johnny  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Digital Smile GmbH  
**(11)** AU-B-2015261858  
**(21)** 2015261858 **(22)** 20.05.2015  
**(54)** Orthodontic apparatus and method for producing an orthodontic apparatus  
**(51)** Int. Cl.  
**A61C 7/00** ( 2006.01 )  
**A61C 7/10** ( 2006.01 )  
**(87)** WO2015/177235  
**(31)** 00787/14 **(32)** 23.05.14 **(33)** CH  
**(43)** 26.11.2015  
**(44)** 09.04.2020  
**(72)** Graf, Simon; Kabashi, Mark; Kiss, Roland  
**(74)** Griffith Hack

**(71)** Dongguan Jiasheng Enterprise Co., Ltd.  
**(11)** AU-B-2017307087  
**(21)** 2017307087 **(22)** 12.04.2017  
**(54)** Pet leash device  
**(51)** Int. Cl.  
**A01K 27/00** ( 2006.01 )  
**(87)** WO2018/023996

**(31)** 201610631244.9 **(32)** 03.08.16 **(33)** CN  
**(43)** 08.02.2018  
**(44)** 09.04.2020  
**(72)** Chen, Silong  
**(74)** Remarkable IP

**(71)** Dongguan Prestige Sporting Products Co., Ltd.  
**(11)** AU-B-2017298699  
**(21)** 2017298699 **(22)** 19.01.2017  
**(54)** FOLDING SCOOTER FRAME  
**(51)** Int. Cl.  
**A61G 5/08** ( 2006.01 )  
**B62K 5/003** ( 2013.01 )  
**B62K 15/00** ( 2006.01 )  
**(87)** WO2018/014526  
**(31)** 201610580160.7 **(32)** 21.07.16 **(33)** CN  
**(43)** 25.01.2018  
**(44)** 09.04.2020  
**(72)** Zhang, Zhao  
**(74)** Madderns Pty Ltd

**(71)** Danmark Holdings Inc.  
**(11)** AU-B-2016204382  
**(21)** 2016204382 **(22)** 27.06.2016  
**(54)** APPARATUS AND METHOD FOR DISPENSING INCENDIARY SPHERES  
**(51)** Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**A62C 99/00** ( 2010.01 )  
**B64D 1/04** ( 2006.01 )  
**F42B 12/44** ( 2006.01 )  
**(31)** 162/184,771 **(32)** 25.06.15 **(33)** US  
**(43)** 19.01.2017  
**(44)** 09.04.2020  
**(72)** Toeckes, Mark; Button, Robert; Trautman, Earl  
**(74)** AJ Pietras IP Limited

**(71)** Dow Global Technologies LLC  
**(11)** AU-B-2015371230  
**(21)** 2015371230 **(22)** 30.06.2015  
**(54)** Treated porous material  
**(51)** Int. Cl.  
**B27K 3/15** ( 2006.01 )  
**C08K 5/00** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**C08L 63/04** ( 2006.01 )  
**(87)** WO2016/105596  
**(31)** 62/096,052 **(32)** 23.12.14 **(33)** US  
**(43)** 30.06.2016  
**(44)** 09.04.2020  
**(72)** Chen, Xue; King, Stephen W.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Dow Global Technologies LLC  
**(11)** AU-B-2016242839  
**(21)** 2016242839 **(22)** 30.03.2016  
**(54)** Polyether polyol compositions  
**(51)** Int. Cl.  
**C08G 18/48** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**(87)** WO2016/160874  
**(31)** 62/140,632 **(32)** 31.03.15 **(33)** US  
**(43)** 06.10.2016

Applications Accepted - Name Index cont'd

(44) 09.04.2020  
 (72) Casati, Francois; Amici-Kroutilova, Irena; Cookson, Paul; Ahmadloo, Hamideh; Lora Lamia, Alberto  
 (74) Phillips Ormonde Fitzpatrick

(71) DownUnder GeoSolutions Pty Ltd  
 (11) AU-B-2016370548  
 (21) 2016370548 (22) 14.12.2016  
 (54) Method for removing interference caused by time overlapping seismic recordings and seismic survey acquisition method associated therewith  
 (51) Int. Cl.  
 G01V 1/38 ( 2006.01 )  
 (87) WO2017/106220  
 (31) 62/267,943 (32) 16.12.15 (33) US  
 (43) 22.06.2017  
 (44) 09.04.2020  
 (72) Muller, Bjorn; Thompson, Troy  
 (74) AUSTRALASIA IP PTY LTD

(71) DPS Bristol (Holdings) Limited  
 (11) AU-B-2015282414  
 (21) 2015282414 (22) 02.07.2015  
 (54) A gasifier  
 (51) Int. Cl.  
 C10J 3/00 ( 2006.01 )  
 C10J 3/30 ( 2006.01 )  
 C10J 3/32 ( 2006.01 )  
 C10J 3/36 ( 2006.01 )  
 C10J 3/66 ( 2006.01 )  
 F23G 5/28 ( 2006.01 )  
 (87) WO2016/001676  
 (31) 1411921.8 (32) 03.07.14 (33) GB  
 (43) 07.01.2016  
 (44) 09.04.2020  
 (72) Parkinson, David John  
 (74) FB Rice Pty Ltd

(71) DTIL Ireland Holdings Limited; Beckman Coulter, Inc.  
 (11) AU-B-2015267020  
 (21) 2015267020 (22) 27.05.2015  
 (54) Reagent bottle with aspiration pipe  
 (51) Int. Cl.  
 B01L 3/00 ( 2006.01 )  
 B29C 49/04 ( 2006.01 )  
 G01N 35/10 ( 2006.01 )  
 G01N 35/04 ( 2006.01 )  
 (87) WO2015/183977  
 (31) 62/003,453 (32) 27.05.14 (33) US  
 (43) 03.12.2015  
 (44) 09.04.2020  
 (72) Onishi, Hiroyuki; Kayahara, Masato; Suzuki, Hiroshi; Furuya, Ryusuke; Mukaiyama, Naoki; Cooney, Michael; O'Neill, Marcus; O'Mahony, Sean  
 (74) Davies Collison Cave Pty Ltd

Duffy, R. see Rix, D.  
 (21) 2016281194

(71) Dyax Corp.  
 (11) AU-B-2019204295  
 (21) 2019204295 (22) 19.06.2019

(54) Plasma kallikrein binding proteins  
 (51) Int. Cl.  
 C07K 16/18 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 1/00 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 11/00 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 A61P 25/04 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 C07K 16/40 ( 2006.01 )  
 (43) 04.07.2019  
 (44) 09.04.2020  
 (62) 2018253476  
 (72) SEXTON, Daniel J.  
 (74) Spruson & Ferguson

(71) Ecolab Inc.  
 (11) AU-B-2018214018  
 (21) 2018214018 (22) 07.08.2018  
 (54) Foaming alcohol compositions with selected dimethicone surfactants  
 (51) Int. Cl.  
 A01N 31/04 ( 2006.01 )  
 A01N 25/02 ( 2006.01 )  
 (43) 23.08.2018  
 (44) 09.04.2020  
 (62) 2017203607  
 (72) WEGNER, Joseph R.; LITTAU, Cheryl A.  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-B-2018227539  
 (21) 2018227539 (22) 01.03.2018  
 (54) Reduced inhalation hazard sanitizers and disinfectants via high molecular weight polymers  
 (51) Int. Cl.  
 A01N 33/12 ( 2006.01 )  
 A61L 2/22 ( 2006.01 )  
 A61L 9/14 ( 2006.01 )  
 C11D 1/62 ( 2006.01 )  
 C11D 3/37 ( 2006.01 )  
 C11D 17/00 ( 2006.01 )  
 (87) WO2018/160818  
 (31) 62/465,483 (32) 01.03.17 (33) US  
 (43) 07.09.2018  
 (44) 09.04.2020  
 (72) Man, Victor Fuk-Pong; Anderson, Derrick  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-B-2018232910  
 (21) 2018232910 (22) 18.09.2018  
 (54) Tool assembly comprising universal handle and interchangeable tool heads  
 (51) Int. Cl.  
 A47L 13/00 ( 2006.01 )  
 B25G 3/30 ( 2006.01 )  
 (43) 04.10.2018  
 (44) 09.04.2020  
 (62) 2016206543  
 (72) BALZ, Eric R.; GINGRAS, Eric; LATIMER, Scott; FINISON, Jeremy B.; ANDERSON, Dan; GILBERTSON, Sarah  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.; BASF SE  
 (11) AU-B-2018282432  
 (21) 2018282432 (22) 21.12.2018  
 (54) Efficient surfactant system on plastic and all types of ware  
 (51) Int. Cl.  
 C11D 1/72 ( 2006.01 )  
 C11D 1/22 ( 2006.01 )  
 C11D 1/825 ( 2006.01 )  
 C11D 3/20 ( 2006.01 )  
 C11D 3/37 ( 2006.01 )  
 (43) 17.01.2019  
 (44) 09.04.2020  
 (62) 2016264202  
 (72) Kieffer, Janel M.; Everson, Terrence P.; Dailey, James S.; Gessner, Thomas; Tropsch, Juergen  
 (74) Shelston IP Pty Ltd.

(71) Ecolab USA Inc.  
 (11) AU-B-2019200900  
 (21) 2019200900 (22) 08.02.2019  
 (54) Method of using a soil release polymer  
 (51) Int. Cl.  
 C11D 3/00 ( 2006.01 )  
 C11D 3/08 ( 2006.01 )  
 C11D 11/00 ( 2006.01 )  
 (43) 28.02.2019  
 (44) 09.04.2020  
 (62) 2016343677  
 (72) Lundberg, Steven; Fast, Jonathan; Duerschmidt, Thomas; Merz, Thomas; Lang, Jason  
 (74) Shelston IP Pty Ltd.

(71) Eisai R&D Management Co., Ltd.  
 (11) AU-B-2015309862  
 (21) 2015309862 (22) 26.08.2015  
 (54) High-purity quinoline derivative and method for manufacturing same  
 (51) Int. Cl.  
 C07D 215/48 ( 2006.01 )  
 A61K 31/47 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2016/031841  
 (31) 2015-034729 (32) 25.02.15 (33) JP  
 2014-174062 28.08.14 JP  
 (43) 03.03.2016  
 (44) 09.04.2020  
 (72) Nakamura, Taiju; Abe, Taichi; Miyashita, Yusuke; Kuroda, Hirofumi; Ayata, Yusuke; Akao, Atsushi  
 (74) Davies Collison Cave Pty Ltd

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2016287017  
 (21) 2016287017 (22) 13.06.2016  
 (54) Screw connection  
 (51) Int. Cl.  
 F16B 5/02 ( 2006.01 )  
 F16B 37/02 ( 2006.01 )  
 (87) WO2017/001181  
 (31) 15174955.3 (32) 02.07.15 (33) EP  
 (43) 05.01.2017  
 (44) 09.04.2020  
 (72) Krämer, Daniel; Kranz, Willi; Deib, Hans  
 (74) Halfords IP

Applications Accepted - Name Index cont'd

(71) Eli Lilly and Company  
 (11) AU-B-2017351183  
 (21) 2017351183 (22) 24.10.2017  
 (54) Anti-IL-33 antibodies and uses thereof  
 (51) Int. Cl.  
*C07K 16/24* ( 2006.01 )  
*A61P 37/08* ( 2006.01 )  
 (87) WO2018/081075  
 (31) 62/414,258 (32) 28.10.16 (33) US  
 (43) 03.05.2018  
 (44) 09.04.2020  
 (72) Benschop, Robert Jan; Davies, Julian;  
 Okragly, Angela Jeannine; Patel, Chetankumar Natvarlal  
 (74) Spruson & Ferguson

(71) Eli Lilly and Company  
 (11) AU-B-2017378061  
 (21) 2017378061 (22) 08.12.2017  
 (54) Medication delivery device with sensing system  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
 (87) WO2018/111708  
 (31) 62/434,684 (32) 15.12.16 (33) US  
 (43) 21.06.2018  
 (44) 09.04.2020  
 (72) Baruch, Uri Eliezer; Boonzaier, James Angus; Castro Pelayo, Xorge; Clemente, Matthew James; Clements, Jeremy; Davies, James Alexander; Trzybinski, Robert Eugene  
 (74) WRAYS PTY LTD

(71) Eli Lilly And Company  
 (11) AU-B-2017308724  
 (21) 2017308724 (22) 04.08.2017  
 (54) Dose sensing mechanism in a medication delivery device  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
*A61M 5/24* ( 2006.01 )  
 (87) WO2018/031390  
 (31) 62/374,202 (32) 12.08.16 (33) US  
 (43) 15.02.2018  
 (44) 09.04.2020  
 (72) Alagia, Nicola Antonio; Byerly, Roy Howard; Perkins, Russell Wayne; Massari, Rossano Claudio  
 (74) WRAYS PTY LTD

(71) EMPA Eidgenossische Materialprüfungs- und Forschungsanstalt  
 (11) AU-B-2016214370  
 (21) 2016214370 (22) 04.02.2016  
 (54) Method for producing an aerogel material  
 (51) Int. Cl.  
*C08J 9/28* ( 2006.01 )  
*B01J 13/00* ( 2006.01 )  
*C01B 33/158* ( 2006.01 )  
*C01B 33/16* ( 2006.01 )  
 (87) WO2016/124680  
 (31) 15153869.1 (32) 04.02.15 (33) EP  
 (43) 11.08.2016  
 (44) 09.04.2020  
 (72) Koebel, Matthias; Huber, Lukas  
 (74) FB Rice Pty Ltd

(71) Encore Vision, Inc.  
 (11) AU-B-2017331591  
 (21) 2017331591 (22) 22.09.2017  
 (54) Lipoic acid choline ester compositions and methods to stabilize into pharmaceutically relevant drug products  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 31/385* ( 2006.01 )  
*A61K 47/10* ( 2006.01 )  
*A61K 47/18* ( 2006.01 )  
*A61K 47/38* ( 2006.01 )  
*A61K 47/40* ( 2006.01 )  
*A61K 47/69* ( 2017.01 )  
 (87) WO2018/055572  
 (31) 62/398,748 (32) 23.09.16 (33) US  
 (43) 29.03.2018  
 (44) 09.04.2020  
 (72) Barman, Shikha P.; Barman, Koushik; Burns, William; Crawford, Kathryn; Cromwick, Anne-Maria; Ward, Kevin  
 (74) Davies Collison Cave Pty Ltd

(71) Englund, M.  
 (11) AU-B-2017325116  
 (21) 2017325116 (22) 08.09.2017  
 (54) Method and system for distributed acoustic sensing  
 (51) Int. Cl.  
*G01D 5/353* ( 2006.01 )  
*G01H 9/00* ( 2006.01 )  
*G01N 21/47* ( 2006.01 )  
*G08B 13/186* ( 2006.01 )  
 (87) WO2018/045433  
 (31) 2016903617 (32) 08.09.16 (33) AU  
 (43) 15.03.2018  
 (44) 09.04.2020  
 (72) Englund, Mark Andrew  
 (74) FPA Patent Attorneys Pty Ltd

(71) Ensco International Incorporated  
 (11) AU-B-2017346661  
 (21) 2017346661 (22) 17.10.2017  
 (54) Wellhead stabilizing subsea module  
 (51) Int. Cl.  
*E21B 41/00* ( 2006.01 )  
*E21B 33/064* ( 2006.01 )  
 (87) WO2018/075512  
 (31) 15/295,740 (32) 17.10.16 (33) US  
 (43) 26.04.2018  
 (44) 09.04.2020  
 (72) Stewart, Christopher Scott; Alcorn, Justin Dow  
 (74) Spruson & Ferguson

(71) Entasis Therapeutics Limited  
 (11) AU-B-2015265620  
 (21) 2015265620 (22) 27.05.2015  
 (54) Fused, spirocyclic heteroaromatic compounds for the treatment of bacterial infections  
 (51) Int. Cl.  
*A61K 31/538* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
 (87) WO2015/181637  
 (31) 62/004,246 (32) 29.05.14 (33) US  
 (43) 03.12.2015

(44) 09.04.2020  
 (72) Huband, Michael  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Envera LIC, LLC  
 (11) AU-B-2019275569  
 (21) 2019275569 (22) 04.12.2019  
 (54) Bacterial spore compositions for industrial uses  
 (51) Int. Cl.  
*A01N 63/22* ( 2020.01 )  
*A01N 25/26* ( 2006.01 )  
 (43) 16.01.2020  
 (44) 09.04.2020  
 (62) 2015300988  
 (72) Hashman, Tommie Eugene  
 (74) Origin Patent and Trade Mark Attorneys

(71) Equaire Systems, Inc.  
 (11) AU-B-2016226067  
 (21) 2016226067 (22) 04.03.2016  
 (54) Steer axle tire inflation system  
 (51) Int. Cl.  
*B60C 23/00* ( 2006.01 )  
 (87) WO2016/141310  
 (31) 62/128,898 (32) 05.03.15 (33) US  
 (43) 09.09.2016  
 (44) 09.04.2020  
 (72) Musgrave, Tim; Hennig, Mark Kevin  
 (74) Watermark Intellectual Property Pty Ltd

(71) Equashield Medical Ltd.  
 (11) AU-B-2016231780  
 (21) 2016231780 (22) 14.03.2016  
 (54) Septum holders for use in syringe connectors  
 (51) Int. Cl.  
*A61J 1/20* ( 2006.01 )  
 (87) WO2016/147178  
 (31) 237788 (32) 16.03.15 (33) IL  
 (43) 22.09.2016  
 (44) 09.04.2020  
 (72) Kriheli, Marino; Tavor, Raanan  
 (74) Griffith Hack

(71) ESCO Group LLC  
 (11) AU-B-2015308757  
 (21) 2015308757 (22) 28.08.2015  
 (54) Hammerless pin assembly  
 (51) Int. Cl.  
*E02F 9/00* ( 2006.01 )  
*F16B 17/00* ( 2006.01 )  
*F16B 35/00* ( 2006.01 )  
 (87) WO2016/033428  
 (31) 62/043,963 (32) 29.08.14 (33) US  
 (43) 03.03.2016  
 (44) 09.04.2020  
 (72) Heaphy, Paul; Dare, Michael; Qian, Junbo  
 (74) MINTER ELLISON

(71) Eurofilters N.V.  
 (11) AU-B-2016208652  
 (21) 2016208652 (22) 19.01.2016  
 (54) Autonomously driven floor vacuum cleaner, method for vacuum cleaning and use

Applications Accepted - Name Index cont'd

of an autonomously driven floor vacuum cleaner  
**(51)** Int. Cl.  
**A47L 9/16** ( 2006.01 )  
**(87)** WO2016/116417  
**(31)** 15151818.0 **(32)** 20.01.15 **(33)** EP  
**(43)** 28.07.2016  
**(44)** 09.04.2020  
**(72)** Schultink, Jan; Sauer, Ralf  
**(74)** Golja Haines & Friend

**(71)** Evogene Ltd.  
**(11)** AU-B-2014269927  
**(21)** 2014269927 **(22)** 21.05.2014  
**(54)** Isolated polynucleotides and polypeptides, and methods of using same for increasing plant yield and/or agricultural characteristics

**(51)** Int. Cl.  
**A01H 5/00** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(87)** WO2014/188428  
**(31)** 61/870,380 **(32)** 27.08.13 **(33)** US  
 61/826,066 22.05.13 US  
 61/893,391 21.10.13 US  
**(43)** 27.11.2014  
**(44)** 09.04.2020  
**(72)** Pankratov, Ilya; Karchi, Hagai  
**(74)** Spruson & Ferguson

**(71)** Exosome Diagnostics, Inc.  
**(11)** AU-B-2017248476  
**(21)** 2017248476 **(22)** 18.10.2017  
**(54)** Nucleic Acid Extraction From Heterogeneous Biological Materials  
**(51)** Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**(43)** 09.11.2017  
**(44)** 09.04.2020  
**(62)** 2012253366  
**(72)** Comper, Wayne; Russo, Leileata M.; Skog, Johan Karl Olov  
**(74)** Spruson & Ferguson

**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-B-2017294448  
**(21)** 2017294448 **(22)** 04.07.2017  
**(54)** Infusion device drive unit with blocking device  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61M 5/24** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**(87)** WO2018/007361  
**(31)** 16178003.6 **(32)** 05.07.16 **(33)** EP  
**(43)** 11.01.2018  
**(44)** 09.04.2020  
**(72)** List, Hans  
**(74)** Spruson & Ferguson

**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-B-2019216728  
**(21)** 2019216728 **(22)** 16.08.2019  
**(54)** Heteroaryl pyridone and aza-pyridone compounds as inhibitors of Btk activity

**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 471/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 487/14** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )

**(43)** 05.09.2019  
**(44)** 09.04.2020  
**(62)** 2018201557  
**(72)** CRAWFORD, James John; ORTWINE, Daniel Fred; WEI, BinQing; YOUNG, Wendy B  
**(74)** Griffith Hack

**(71)** Facebook, Inc.  
**(11)** AU-B-2013402190  
**(21)** 2013402190 **(22)** 20.11.2013  
**(54)** Systems and methods for dynamic mapping for locality and balance  
**(51)** Int. Cl.  
**G06F 17/00** ( 2006.01 )  
**G06F 16/00** ( 2019.01 )

**(87)** WO2015/050568  
**(31)** 13193398.8 **(32)** 19.11.13 **(33)** EP  
 14/043,730 01.10.13 US  
**(43)** 09.04.2015  
**(44)** 09.04.2020  
**(72)** Presta, Alessandro; Shalita, Alon Michael  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** FarmHannong Co., Ltd.  
**(11)** AU-B-2017284726  
**(21)** 2017284726 **(22)** 15.06.2017  
**(54)** Protoporphyrinogen oxidase variants and methods and compositions for conferring and/or enhancing herbicide tolerance using the same  
**(51)** Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**C12N 1/12** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )

**(87)** WO2017/217794  
**(31)** 10-2016-0075357 **(32)** 16.06.16 **(33)** KR  
**(43)** 21.12.2017  
**(44)** 09.04.2020  
**(72)** Sung, Soon-Kee; Yoon, Joonseon; Ahn, Young Ock; Han, Yunjung; Hong, Myoung-Ki; Park, Joonghyuk  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Felker, T.S.  
**(11)** AU-B-2017249427  
**(21)** 2017249427 **(22)** 12.04.2017  
**(54)** Bicycle dual power turning track, rack, pinion, and one-way bearing propulsion system  
**(51)** Int. Cl.  
**B62M 1/12** ( 2006.01 )  
**(87)** WO2017/180773  
**(31)** 15/484,519 **(32)** 11.04.17 **(33)** US  
 62/323,447 15.04.16 US  
**(43)** 19.10.2017

**(44)** 09.04.2020  
**(72)** Felker, Thomas S.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fischer, F.  
**(11)** AU-B-2017303227  
**(21)** 2017303227 **(22)** 12.07.2017  
**(54)** Dispenser with ventilation filter  
**(51)** Int. Cl.  
**B05B 11/00** ( 2006.01 )  
**(87)** WO2018/019592  
**(31)** 10 2016 113 673.5 **(32)** 25.07.16 **(33)** DE  
**(43)** 01.02.2018  
**(44)** 09.04.2020  
**(72)** Fischer, Friedrich  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Flow Forward Medical, Inc.  
**(11)** AU-B-2018256613  
**(21)** 2018256613 **(22)** 01.11.2018  
**(54)** SYSTEM AND METHOD TO INCREASE THE OVERALL DIAMETER OF VEINS AND ARTERIES  
**(51)** Int. Cl.  
**A61M 1/10** ( 2006.01 )  
**A01N 1/02** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
**(43)** 22.11.2018  
**(44)** 09.04.2020  
**(62)** 2017210640  
**(72)** Franano, F. Nicholas  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Foshan City Meiwangbang Technology Co., Ltd  
**(11)** AU-B-2018393122  
**(21)** 2018393122 **(22)** 29.05.2018  
**(54)** Molded pulp cup lid  
**(51)** Int. Cl.  
**B65D 43/02** ( 2006.01 )  
**(43)** 19.12.2019  
**(44)** 09.04.2020  
**(72)** Lai, Zongshen; Rao, Rihua  
**(74)** Atkinson IP

**(71)** Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
**(11)** AU-B-2017309292  
**(21)** 2017309292 **(22)** 08.08.2017  
**(54)** Communication system and transmitter  
**(51)** Int. Cl.  
**H04B 7/185** ( 2006.01 )  
**H04L 5/00** ( 2006.01 )  
**(87)** WO2018/029220  
**(31)** 16183960.0 **(32)** 12.08.16 **(33)** EP  
**(43)** 15.02.2018  
**(44)** 09.04.2020  
**(72)** Mayer, Frank; Wansch, Rainer  
**(74)** Griffith Hack

**(71)** Fresenius Medical Care Holdings, Inc.  
**(11)** AU-B-2018210389  
**(21)** 2018210389 **(22)** 19.01.2018  
**(54)** Enhanced backflow prevention in a hemodialysis device  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**A61M 1/16** ( 2006.01 )  
**(87)** WO2018/136781  
**(31)** 15/411,606 **(32)** 20.01.17 **(33)** US  
**(43)** 26.07.2018  
**(44)** 09.04.2020  
**(72)** Crnkovich, Martin; Levin, Roland; Wang, Fei  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fritel & Associates, LLC  
**(11)** AU-B-2016226233  
**(21)** 2016226233 **(22)** 02.03.2016  
**(54)** Tire handler  
**(51)** Int. Cl.

**B60B 29/00** ( 2006.01 )  
**(87)** WO2016/141107  
**(31)** 15/059,258 **(32)** 02.03.16 **(33)** US  
 62/126,717 02.03.15 US  
**(43)** 09.09.2016  
**(44)** 09.04.2020  
**(72)** Raymond, Fritel; Alan, Cluke; Graham, Musgrove  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Fuji Seiko Co., Ltd.; Fuji Shoji Co., Ltd.  
**(11)** AU-B-2015381089  
**(21)** 2015381089 **(22)** 06.02.2015  
**(54)** Plant cultivation device  
**(51)** Int. Cl.

**A01G 31/00** ( 2006.01 )  
**A01G 9/12** ( 2006.01 )  
**(87)** WO2016/125296  
**(43)** 11.08.2016  
**(44)** 09.04.2020  
**(72)** Takashima Katsunori  
**(74)** Spruson & Ferguson

**Fuji Shoji Co., Ltd. see Fuji Seiko Co., Ltd.**  
**(21)** 2015381089

**Fundacio Institut de Recerca Biomedica (IRB Barcelona) see Institutio Catalana de Recerca i Estudis Avancats**  
**(21)** 2014229563

**(71)** G2GBIO, INC.  
**(11)** AU-B-2018271381  
**(21)** 2018271381 **(22)** 30.11.2018  
**(54)** Method for preparing biodegradable microsphere with improved safety and storage stability  
**(51)** Int. Cl.  
**B01J 13/12** ( 2006.01 )  
**(31)** 10-2017-0163105 **(32)** 30.11.17 **(33)** KR  
**(43)** 13.06.2019  
**(44)** 09.04.2020  
**(72)** LEE, Heeyong; SEOL, Eunyoung; YOON, Kwonhyeok  
**(74)** FB Rice Pty Ltd

**(71)** Galapagos NV  
**(11)** AU-B-2015215044  
**(21)** 2015215044 **(22)** 04.02.2015  
**(54)** Pharmaceutical compositions for the treatment of inflammatory disorders

**(51)** Int. Cl.  
**A61K 31/541** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**(87)** WO2015/117980  
**(31)** 1402070.5 **(32)** 07.02.14 **(33)** GB  
**(43)** 13.08.2015  
**(44)** 09.04.2020  
**(72)** De Weer, Marc Maurice Germain; Vrielynck, Sara Bertha Camiel; Sabourault, Nicolas Luc; Moeschwitzer, Jan Peter  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Gant Innovations Limited  
**(11)** AU-B-2015371656  
**(21)** 2015371656 **(22)** 14.05.2015  
**(54)** Protective articles  
**(51)** Int. Cl.  
**A47G 11/00** ( 2006.01 )  
**A47G 23/03** ( 2006.01 )  
**B31D 1/04** ( 2006.01 )  
**(87)** WO2016/102080  
**(31)** 1504973.7 **(32)** 24.03.15 **(33)** GB  
 1422969.4 22.12.14 GB  
**(43)** 30.06.2016  
**(44)** 09.04.2020  
**(72)** Shaw, Gail  
**(74)** Spruson & Ferguson

**(71)** Gates Corporation  
**(11)** AU-B-2018271340  
**(21)** 2018271340 **(22)** 29.11.2018  
**(54)** BELT DRIVE SYSTEM  
**(51)** Int. Cl.  
**B62M 9/06** ( 2006.01 )  
**F16H 7/02** ( 2006.01 )  
**F16H 55/17** ( 2006.01 )  
**B62M 9/00** ( 2006.01 )  
**F16H 55/36** ( 2006.01 )

**(43)** 20.12.2018  
**(44)** 09.04.2020  
**(62)** 2017291326  
**(72)** Cody, Michael  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** GENENTECH, INC.  
**(11)** AU-B-2018203876  
**(21)** 2018203876 **(22)** 01.06.2018  
**(54)** High-concentration monoclonal antibody formulations  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**(43)** 21.06.2018  
**(44)** 09.04.2020  
**(62)** 2013262611  
**(72)** ARMSTRONG, Nicholas J.; BOWEN, Mayumi N.; MAA, Yuh-Fun  
**(74)** Griffith Hack

**(71)** Genesys Telecommunications Laboratories, Inc.  
**(11)** AU-B-2017330375  
**(21)** 2017330375 **(22)** 21.09.2017

**(54)** System and method for managing communications  
**(51)** Int. Cl.  
**G06F 21/31** ( 2013.01 )  
**(87)** WO2018/057819  
**(31)** 62/397,497 **(32)** 21.09.16 **(33)** US  
**(43)** 29.03.2018  
**(44)** 09.04.2020  
**(72)** Wanderski, Anuphinh P.; Kenney, Cristin K.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Genomic Health, Inc.  
**(11)** AU-B-2014274135  
**(21)** 2014274135 **(22)** 29.05.2014  
**(54)** Gene expression profile algorithm for calculating a recurrence score for a patient with kidney cancer  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2014/194078  
**(31)** 61/829,100 **(32)** 30.05.13 **(33)** US  
**(43)** 04.12.2014  
**(44)** 09.04.2020  
**(72)** Shak, Steven; Watson, George Andrew; Crager, Michael R.; Maddala, Tara; Lopatin, Margarita; Goddard, Audrey; Knezevic, Dejan; Svedman, Christer  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Genus Oncology, LLC.; Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2015211034  
**(21)** 2015211034 **(22)** 29.01.2015  
**(54)** Antibodies against the MUC1-C/extracellular domain (MUC1-C/ECD)  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2015/116753  
**(31)** 61/933,001 **(32)** 29.01.14 **(33)** US  
**(43)** 06.08.2015  
**(44)** 09.04.2020  
**(72)** Kufe, Donald W.; Kharbanda, Surender  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Gilead Calistoga LLC  
**(11)** AU-B-2018247326  
**(21)** 2018247326 **(22)** 12.10.2018  
**(54)** Therapies for hematologic malignancies  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(43)** 08.11.2018  
**(44)** 09.04.2020  
**(62)** 2017200837  
**(72)** Gallatin, Michael W.; Ulrich, Roger G.; Giese, Neill  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Gill, K.K.  
**(11)** AU-B-2019219702

Applications Accepted - Name Index cont'd

(21) 2019219702 (22) 19.08.2019  
 (54) Apparatus and methods for automatically training saw blades on a saw mandrel  
 (51) Int. Cl.  
*B23D 63/18* ( 2006.01 )  
*D01B 1/08* ( 2006.01 )  
 (31) 62/808,951 (32) 22.02.19 (33) US  
 (43) 09.04.2020  
 (44) 09.04.2020  
 (72) Gill, Kendall Keith  
 (74) FB Rice Pty Ltd

(71) Glaceum, Inc.  
 (11) AU-B-2017287746  
 (21) 2017287746 (22) 29.06.2017  
 (54) Optically active pyranochromenyl phenol derivative and pharmaceutical composition comprising same  
 (51) Int. Cl.  
*C07D 493/04* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 31/353* ( 2006.01 )  
 (87) WO2018/004263  
 (31) 10-2016-0081674 (32) 29.06.16 (33) KR  
 (43) 04.01.2018  
 (44) 09.04.2020  
 (72) Yoo, Sang Ku; Chung, Jin Wook; Jo, In Geun; Kim, Ji Young; Im, Jeong Ho; Kang, Ku Suk; Kim, Jin Young  
 (74) James & Wells Intellectual Property

Glide Enterprise Inc. see Shinohara, Yuji  
 (21) 2017271695

(71) Greeneden U.S. Holdings II, LLC  
 (11) AU-B-2017286888  
 (21) 2017286888 (22) 29.06.2017  
 (54) Technologies for managing application configurations and associated credentials  
 (51) Int. Cl.  
*G06F 15/16* ( 2006.01 )  
 (87) WO2018/005879  
 (31) 62/356,097 (32) 29.06.16 (33) US  
 62/356,095 29.06.16 US  
 (43) 04.01.2018  
 (44) 09.04.2020  
 (72) Melliere, Paul L.; Nicholson, Timothy Eric; Bickell, Aaron; Dill, Brian  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GSK Consumer Healthcare S.A.  
 (11) AU-B-2017297399  
 (21) 2017297399 (22) 12.07.2017  
 (54) Apparatus and method for automated compensation of transcutaneous electrical nerve stimulation for temporal fluctuations such as circadian rhythms  
 (51) Int. Cl.  
*A61N 1/00* ( 2006.01 )  
*A61N 1/32* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
 (87) WO2018/013708  
 (31) 62/361,698 (32) 13.07.16 (33) US  
 (43) 18.01.2018

(44) 09.04.2020  
 (72) Gozani, Shai N.; Kong, Xuan  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Hair Group, LLC  
 (11) AU-B-2018317824  
 (21) 2018317824 (22) 15.08.2018  
 (54) Light based therapy devices and methods  
 (51) Int. Cl.  
*A61N 5/06* ( 2006.01 )  
*A61B 18/20* ( 2006.01 )  
 (87) WO2019/035895  
 (31) 15/677,840 (32) 15.08.17 (33) US  
 (43) 21.02.2019  
 (44) 09.04.2020  
 (72) WASSERBAUER, John; WASSERBAUER, Sara; CARLSON, Erik  
 (74) Franke Hyland Pty Ltd

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2015409271  
 (21) 2015409271 (22) 18.09.2015  
 (54) Contrast enhancement agents for subterranean treatment fluids  
 (51) Int. Cl.  
*C09K 8/42* ( 2006.01 )  
*E21B 33/13* ( 2006.01 )  
*E21B 47/00* ( 2006.01 )  
 (87) WO2017/048282  
 (43) 23.03.2017  
 (44) 09.04.2020  
 (72) Roberson, Mark; Goodwin, Scott  
 (74) Phillips Ormonde Fitzpatrick

Hegain 2100 Consulting S.L. see 20 Emma 20 S.L.  
 (21) 2016256246

(71) Henkel AG & Co. KGaA  
 (11) AU-B-2016307124  
 (21) 2016307124 (22) 26.07.2016  
 (54) Toilet rim block and rim block cage  
 (51) Int. Cl.  
*C11D 17/00* ( 2006.01 )  
*A61L 9/05* ( 2006.01 )  
 (87) WO2017/025321  
 (31) 10 2015 215 135.2 (32) 07.08.15 (33) DE  
 (43) 16.02.2017  
 (44) 09.04.2020  
 (72) Reichert, Christian; Trebbe, Uwe; Horn, Michael; Cappleman, Robert Stephen; Völker, Michael  
 (74) Spruson & Ferguson

(71) Henkel AG and Co. KGaA  
 (11) AU-B-2016307048  
 (21) 2016307048 (22) 26.07.2016  
 (54) Toilet rim block and rim block cage  
 (51) Int. Cl.  
*C11D 17/00* ( 2006.01 )  
*A61L 9/05* ( 2006.01 )  
 (87) WO2017/025320  
 (31) 10 2015 215 135.2 (32) 07.08.15 (33) DE  
 (43) 16.02.2017

(44) 09.04.2020  
 (72) Reichert, Christian; Trebbe, Uwe; Horn, Michael; Cappleman, Robert Stephen; Völker, Michael  
 (74) Spruson & Ferguson

---

(71) Heptares Therapeutics Limited  
 (11) AU-B-2016231951  
 (21) 2016231951 (22) 21.03.2016  
 (54) Spirocyclic compounds as agonists of the muscarinic M1 receptor and/or M4 receptor  
 (51) Int. Cl.  
*C07D 471/10* ( 2006.01 )  
*A61K 31/438* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07D 498/10* ( 2006.01 )  
 (87) WO2016/147011  
 (31) 1504675.8 (32) 19.03.15 (33) GB  
 (43) 22.09.2016  
 (44) 09.04.2020  
 (72) Congreve, Miles Stuart; Brown, Giles Albert; Tehan, Benjamin Gerald; Pickworth, Mark; Cansfield, Julie Elaine  
 (74) Shelston IP Pty Ltd.

(71) Heraeus Medical GmbH  
 (11) AU-B-2019203699  
 (21) 2019203699 (22) 27.05.2019  
 (54) Bone cement applicator with retractable mixing rod and method for production of a bone cement  
 (51) Int. Cl.  
*A61B 17/58* ( 2006.01 )  
*A61M 5/19* ( 2006.01 )  
 (31) 102018209807.7 (32) 18.06.18 (33) DE  
 (43) 16.01.2020  
 (44) 09.04.2020  
 (72) VOGT, Sebastian; KLUGE, Thomas  
 (74) Spruson & Ferguson

(71) Heraeus Medical GmbH  
 (11) AU-B-2019204008  
 (21) 2019204008 (22) 07.06.2019  
 (54) Bone cement applicator with retractable mixing rod and method for production of a bone cement  
 (51) Int. Cl.  
*A61B 17/88* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
 (31) 102018209784.4 (32) 18.06.18 (33) DE  
 (43) 16.01.2020  
 (44) 09.04.2020  
 (72) VOGT, Sebastian; KLUGE, Thomas  
 (74) Spruson & Ferguson

(71) Hewlett-Packard Development Company, L.P.  
 (11) AU-B-2016425823  
 (21) 2016425823 (22) 06.10.2016  
 (54) Input control signals propagated over signal paths  
 (51) Int. Cl.  
*B41J 2/045* ( 2006.01 )  
*B41J 2/175* ( 2006.01 )  
 (87) WO2018/067155  
 (43) 12.04.2018



Applications Accepted - Name Index cont'd

(44) 09.04.2020  
 (72) Ng, Boon Bing; Goy, Hang Ru  
 (74) FB Rice Pty Ltd

(71) Hill's Pet Nutrition, Inc.  
 (11) AU-B-2016433750  
 (21) 2016433750 (22) 27.12.2016  
 (54) Pet food compositions  
 (51) Int. Cl.  
**A23K 20/158** ( 2016.01 )  
**A23K 50/40** ( 2016.01 )  
**A23K 50/42** ( 2016.01 )

(87) WO2018/125029  
 (43) 05.07.2018  
 (44) 09.04.2020  
 (72) Jewell, Dennis Edward; Brockman, Jeffrey;  
 Scherl, Dale; Davidson, Stephen; Golder,  
 Christina; Avila, Albert  
 (74) Shelston IP Pty Ltd.

(71) Hilti Aktiengesellschaft  
 (11) AU-B-2016265344  
 (21) 2016265344 (22) 20.05.2016  
 (54) Foamable, multicomponent composition  
 which forms an insulation layer and use of  
 said composition  
 (51) Int. Cl.  
**C08J 9/00** ( 2006.01 )  
**C08J 9/06** ( 2006.01 )  
**C08L 101/10** ( 2006.01 )  
 (87) WO2016/185007  
 (31) 15168558.3 (32) 21.05.15 (33) EP  
 (43) 24.11.2016  
 (44) 09.04.2020  
 (72) Marauska, Juliane; Paetow, Mario; Jero-  
 menok, Jekaterina  
 (74) Shelston IP Pty Ltd.

(71) Hollister Incorporated  
 (11) AU-B-2015317851  
 (21) 2015317851 (22) 16.09.2015  
 (54) Curved urinary catheter  
 (51) Int. Cl.  
**A61M 25/00** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
 (87) WO2016/044379  
 (31) 62/051,666 (32) 17.09.14 (33) US  
 (43) 24.03.2016  
 (44) 09.04.2020  
 (72) Richard, Marine Veronique Germaine; Fo-  
 ley, Adam J.; McMenamin, Martin  
 (74) Shelston IP Pty Ltd.

(71) Honeywell International Inc.  
 (11) AU-B-2016218274  
 (21) 2016218274 (22) 05.02.2016  
 (54) Risk management in an air-gapped environ-  
 ment  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**H04L 12/24** ( 2006.01 )  
 (87) WO2016/130431  
 (31) 62/116,245 (32) 13.02.15 (33) US  
 14/871,547 30.09.15 US  
 (43) 18.08.2016

(44) 09.04.2020  
 (72) Carpenter, Seth G.; Kowalczyk, Andrew  
 W.; Brummet, David J.  
 (74) Davies Collison Cave Pty Ltd

(71) Hosokawa Yoko Co., Ltd.  
 (11) AU-B-2015395860  
 (21) 2015395860 (22) 19.06.2015  
 (54) Method of manufacturing spouted pouch  
 aseptically filled with contents and pack  
 (51) Int. Cl.  
**B65B 55/04** ( 2006.01 )  
 (87) WO2016/189754  
 (31) 2014-128254 (32) 23.06.14 (33) JP  
 (43) 01.12.2016  
 (44) 09.04.2020  
 (72) Ichikawa, Toru  
 (74) FB Rice Pty Ltd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2017308688  
 (21) 2017308688 (22) 11.08.2017  
 (54) DATA SENDING METHOD, SIGNAL-  
 ING SENDING METHOD, APPARATUS,  
 AND SYSTEM  
 (51) Int. Cl.  
**H04B 7/04** ( 2006.01 )  
**H04B 7/06** ( 2006.01 )  
 (87) WO2018/028657  
 (31) 201610821803.2 (32) 12.08.16 (33) CN  
 (43) 15.02.2018  
 (44) 09.04.2020  
 (72) Liu, Kunpeng  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2017309925  
 (21) 2017309925 (22) 31.07.2017  
 (54) Data channel sending and receiving meth-  
 od, network device and terminal  
 (51) Int. Cl.  
**H04W 16/02** ( 2009.01 )  
**H04L 12/801** ( 2013.01 )  
 (87) WO2018/028456  
 (31) 201610654618.9 (32) 10.08.16 (33) CN  
 (43) 15.02.2018  
 (44) 09.04.2020  
 (72) Lyu, Yongxia; Sun, Wei; Guo, Zhiheng  
 (74) Phillips Ormonde Fitzpatrick

Hygenic Intangible Property Holding Co. see  
 Shanghai Chuangshi Industry Group Co., Ltd.  
 (21) 2018232917

(71) Icon Aircraft, Inc.  
 (11) AU-B-2018203074  
 (21) 2018203074 (22) 02.05.2018  
 (54) Manual Wing-Fold Mechanism  
 (51) Int. Cl.  
**B64C 3/00** ( 2006.01 )  
**B64C 3/56** ( 2006.01 )  
 (43) 24.05.2018

(44) 09.04.2020  
 (62) 2014334927  
 (72) GIONTA, Matthew; KARKOW, Jon;  
 WILDING, Joseph; JAGEMANN, Michael  
 (74) Wallington-Dummer

(71) ICSIP Pty Ltd  
 (11) AU-B-2016374661  
 (21) 2016374661 (22) 22.12.2016  
 (54) Recovery of lithium from silicate minerals  
 (51) Int. Cl.  
**C22B 26/12** ( 2006.01 )  
**C22B 3/06** ( 2006.01 )  
 (87) WO2017/106925  
 (31) 2016900774 (32) 02.03.16 (33) AU  
 2015905317 22.12.15 AU  
 (43) 29.06.2017  
 (44) 09.04.2020  
 (72) Hunwick, Richard  
 (74) Griffith Hack

Ido, Y. see Ido, K.  
 (21) 2015300228

(71) Ido, K.; Ido, Y.  
 (11) AU-B-2015300228  
 (21) 2015300228 (22) 30.07.2015  
 (54) Methane fermentation method and methane  
 fermentation system  
 (51) Int. Cl.  
**B09B 3/00** ( 2006.01 )  
**B01D 61/02** ( 2006.01 )  
**B01D 61/14** ( 2006.01 )  
**B01D 61/58** ( 2006.01 )  
**C02F 11/00** ( 2006.01 )  
**C02F 11/04** ( 2006.01 )  
 (87) WO2016/021478  
 (31) 2014-158980 (32) 04.08.14 (33) JP  
 (43) 11.02.2016  
 (44) 09.04.2020  
 (72) Ido, Koji; Ido, Yasumasa  
 (74) Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-B-2017248989  
 (21) 2017248989 (22) 08.02.2017  
 (54) Fastener driving tool  
 (51) Int. Cl.  
**B25C 1/04** ( 2006.01 )  
**B25F 5/02** ( 2006.01 )  
 (87) WO2017/180230  
 (31) 62/322,549 (32) 14.04.16 (33) US  
 15/410,258 19.01.17 US  
 (43) 19.10.2017  
 (44) 09.04.2020  
 (72) Meyer, Robert J.  
 (74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.  
 (11) AU-B-2017246899  
 (21) 2017246899 (22) 05.04.2017  
 (54) Methods and systems for construction of  
 normalized nucleic acid libraries  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )

Applications Accepted - Name Index cont'd

**B01L 3/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**(87)** WO2017/176896  
**(31)** 62/348,766 **(32)** 10.06.16 **(33)** US  
 62/319,746 07.04.16 US  
**(43)** 12.10.2017  
**(44)** 09.04.2020  
**(72)** Zhang, Zhihong; Gao, Yangbin; Eckhardt,  
 Allen E.; Capek, Petr  
**(74)** WRAYS PTY LTD

**(71)** Immatics Biotechnologies GmbH  
**(11)** AU-B-2018250464  
**(21)** 2018250464 **(22)** 18.10.2018  
**(54)** NOVEL PEPTIDES, COMBINATION OF  
 PEPTIDES AND SCAFFOLDS FOR USE  
 IN IMMUNOTHERAPEUTIC TREAT-  
 MENT OF VARIOUS CANCERS  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 15.11.2018  
**(44)** 09.04.2020  
**(62)** 2016313684  
**(72)** Mahr, Andrea; Weinschenk, Toni; Schoor,  
 Oliver; Fritsche, Jens; Singh, Harpreet  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Indena S.p.A.  
**(11)** AU-B-2015220913  
**(21)** 2015220913 **(22)** 18.02.2015  
**(54)** Compositions containing extracts of  
 Curcuma Longa and Echinacea angustifo-  
 lia which are useful to reduce peripheral in-  
 flammation and pain  
**(51)** Int. Cl.  
**A61K 36/9066** ( 2006.01 )  
**A61K 31/12** ( 2006.01 )  
**A61K 31/685** ( 2006.01 )  
**A61K 36/28** ( 2006.01 )  
**A61K 36/758** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2015/124616  
**(31)** MI2014A000251 **(32)** 20.02.14 **(33)** IT  
**(43)** 27.08.2015  
**(44)** 09.04.2020  
**(72)** Bombardelli, Ezio  
**(74)** Lord & Company

**(71)** Innovapark, LLC  
**(11)** AU-B-2018203809  
**(21)** 2018203809 **(22)** 30.05.2018  
**(54)** Parking System Employing Remote Asset  
 Management Techniques  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2006.01 )  
**G08G 1/00** ( 2006.01 )  
**(43)** 21.06.2018  
**(44)** 09.04.2020  
**(62)** 2016225792  
**(72)** Groft, Eric G.  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Inscape Data, Inc.  
**(11)** AU-B-2016293601  
**(21)** 2016293601 **(22)** 15.07.2016  
**(54)** Detection of common media segments  
**(51)** Int. Cl.  
**H04N 21/234** ( 2011.01 )  
**H04N 21/262** ( 2011.01 )  
**H04N 21/454** ( 2011.01 )  
**H04N 21/81** ( 2011.01 )  
**H04N 21/845** ( 2011.01 )  
**(87)** WO2017/011798  
**(31)** 62/193,322 **(32)** 16.07.15 **(33)** US  
**(43)** 19.01.2017  
**(44)** 09.04.2020  
**(72)** Neumeier, Zeev; Collette, Michael  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Insmmed Incorporated  
**(11)** AU-B-2015258947  
**(21)** 2015258947 **(22)** 15.05.2015  
**(54)** Methods for treating pulmonary non-tuber-  
 culous mycobacterial infections  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A01N 43/04** ( 2006.01 )  
**(87)** WO2015/175939  
**(31)** 61/993,439 **(32)** 15.05.14 **(33)** US  
 62/048,068 09.09.14 US  
 62/042,126 26.08.14 US  
 62/056,296 26.09.14 US  
**(43)** 19.11.2015  
**(44)** 09.04.2020  
**(72)** Eagle, Gina; Gupta, Renu  
**(74)** Spruson & Ferguson

**(71)** Insmmed Incorporated  
**(11)** AU-B-2016291228  
**(21)** 2016291228 **(22)** 11.07.2016  
**(54)** Compositions and methods for treating lung  
 diseases and lung injury  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
**(87)** WO2017/008076  
**(31)** 62/190,583 **(32)** 09.07.15 **(33)** US  
**(43)** 12.01.2017  
**(44)** 09.04.2020  
**(72)** Chen, Kuan-Ju; Leifer, Franziska; Malin-  
 in, Vladimir; Perkins, Walter; Zhang, Jim-  
 in; Dipetrillo, Keith  
**(74)** Spruson & Ferguson

**(71)** Insmmed Incorporated  
**(11)** AU-B-2019204100  
**(21)** 2019204100 **(22)** 12.06.2019  
**(54)** Systems for treating pulmonary infections  
**(51)** Int. Cl.  
**A61K 31/7036** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/7024** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**(43)** 04.07.2019  
**(44)** 09.04.2020  
**(62)** 2017225138  
**(72)** PERKINS, Walter; MALININ, Vladimir;  
 LI, Xingong; MILLER, Brian; SEIDEL,

Dominique; HOLZMANN, Philipp;  
 SCHULZ, Harald; HAHN, Michael  
**(74)** Spruson & Ferguson

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**(71)** Insmmed Incorporated  
**(11)** AU-B-2019240559  
**(21)** 2019240559 **(22)** 30.09.2019  
**(54)** Prostacyclin compounds, compositions and  
 methods of use thereof  
**(51)** Int. Cl.  
**C07C 62/00** ( 2006.01 )  
**A01N 37/00** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**C07C 69/736** ( 2006.01 )  
**C07C 69/753** ( 2006.01 )  
**C07C 235/22** ( 2006.01 )  
**(43)** 17.10.2019  
**(44)** 09.04.2020  
**(62)** 2018204198  
**(72)** MALININ, Vladimir; PERKINS, Walter;  
 LEIFER, Franziska; KONICEK, Donna; LI,  
 Zhili; PLAUNT, Adam  
**(74)** Spruson & Ferguson

**(71)** Institutio Catalana de Recerca i Estudis  
 Avancats; Fundacio Institut de Recerca  
 Biomedica (IRB Barcelona)  
**(11)** AU-B-2014229563  
**(21)** 2014229563 **(22)** 14.03.2014  
**(54)** Method for the diagnosis, prognosis and  
 treatment of cancer metastasis  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2014/140896  
**(31)** P201330384 **(32)** 15.03.13 **(33)** ES  
**(43)** 18.09.2014  
**(44)** 09.04.2020  
**(72)** Gomis, Roger; Arnal, Anna; Tarragona,  
 Maria; Pavlovic, Milica; Planet, Evarist  
**(74)** Spruson & Ferguson

**(71)** Intelligent Fingerprinting Limited  
**(11)** AU-B-2015293654  
**(21)** 2015293654 **(22)** 24.07.2015  
**(54)** Drug dispenser assembly  
**(51)** Int. Cl.  
**A61J 7/00** ( 2006.01 )  
**(87)** WO2016/012814  
**(31)** 1413142.9 **(32)** 24.07.14 **(33)** GB  
**(43)** 28.01.2016  
**(44)** 09.04.2020  
**(72)** Hudson, Mark; Tacke, Ulrich; Tormanen,  
 Antti; Russell, David  
**(74)** Griffith Hack

**(71)** Inventio AG  
**(11)** AU-B-2017281564  
**(21)** 2017281564 **(22)** 21.06.2017  
**(54)** Method for modernising an escalator or a  
 moving walkway  
**(51)** Int. Cl.  
**B66B 19/00** ( 2006.01 )  
**B66B 21/00** ( 2006.01 )  
**(87)** WO2017/220650  
**(31)** 16175491.6 **(32)** 21.06.16 **(33)** EP  
**(43)** 28.12.2017

Applications Accepted - Name Index cont'd

- (44) 09.04.2020  
 (72) Eder, Christoph; Karall, Eva; Burri, Jürg; Matheisl, Michael; Thierer, Walter; Klein, Wolfgang; Schütz, Richard  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) iRobot Corporation  
 (11) AU-B-2015370307  
 (21) 2015370307 (22) 18.11.2015  
 (54) Evacuation station  
 (51) Int. Cl.  
**A47L 9/10** ( 2006.01 )  
 (87) WO2016/105702  
 (31) 62/096,771 (32) 24.12.14 (33) US  
 (43) 30.06.2016  
 (44) 09.04.2020  
 (72) Morin, Russell Walter; Bursal, Faruk Halil; Boeschstein, Harold  
 (74) Spruson & Ferguson
- 
- (71) Ivax Pharmaceuticals Ireland; Norton (Waterford) Limited; Teva Pharmaceuticals Ireland  
 (11) AU-B-2018206738  
 (21) 2018206738 (22) 17.07.2018  
 (54) DOSE COUNTERS FOR INHALERS, INHALERS AND SHAFTS THEREOF  
 (51) Int. Cl.  
**A61M 15/00** ( 2006.01 )  
 (43) 02.08.2018  
 (44) 09.04.2020  
 (62) 2016203057  
 (72) KARG, Jeffrey A.; DEREK, Fenlon; WALSH, Declan; KAAR, Simon; HAZENBERG, Jan Geert; BUCK, Dan; CLANCY, Paul; USCHOLD, Robert Charles  
 (74) Griffith Hack
- 
- (71) Jervis B. Webb International Company; Daifuku Co., Ltd.  
 (11) AU-B-2016223308  
 (21) 2016223308 (22) 19.01.2016  
 (54) Method and system for automated luggage security inspection  
 (51) Int. Cl.  
**B64F 1/36** ( 2006.01 )  
**B65G 47/52** ( 2006.01 )  
 (87) WO2016/137603  
 (31) 62/120,473 (32) 25.02.15 (33) US  
 2917705 13.10.15 CA  
 14/881,537 13.10.15 US  
 (43) 01.09.2016  
 (44) 09.04.2020  
 (72) Murphy, Christopher J.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) JFE Steel Corporation  
 (11) AU-B-2017338057  
 (21) 2017338057 (22) 13.09.2017  
 (54) Threaded joint for oil well steel pipe  
 (51) Int. Cl.  
**F16L 15/04** ( 2006.01 )  
 (87) WO2018/061767  
 (31) 2016-193707 (32) 30.09.16 (33) JP  
 (43) 05.04.2018

- (44) 09.04.2020  
 (72) Kawai, Takamasa; Kanayama, Taro; Yoshikawa, Masaki; Takano, Jun; Nagahama, Takuya  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Katholieke Universiteit Leuven, K.U.Leuven R&D; VIB vzw; Universiteit Gent  
 (11) AU-B-2014310564  
 (21) 2014310564 (22) 20.08.2014  
 (54) Inhibition of a lncRNA for treatment of melanoma  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (87) WO2015/024986  
 (31) 13181001.2 (32) 20.08.13 (33) EP  
 (43) 26.02.2015  
 (44) 09.04.2020  
 (72) Marine, Jean-Christophe; Leucci, Eleonora; Vandesompele, Joke; Mestdagh, Pieter  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Khevenhüller Metsch, J.  
 (11) AU-B-2016261573  
 (21) 2016261573 (22) 13.05.2016  
 (54) Device for reconstituting and administering drugs  
 (51) Int. Cl.  
**A61J 1/10** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
 (87) WO2016/181356  
 (31) 102015000015094 (32) 14.05.15 (33) IT  
 (43) 17.11.2016  
 (44) 09.04.2020  
 (72) Khevenhüller Metsch, Johannes Franziskus  
 (74) Spruson & Ferguson
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2016219852  
 (21) 2016219852 (22) 19.02.2016  
 (54) Soft tissue comprising southern softwood  
 (51) Int. Cl.  
**A47K 10/16** ( 2006.01 )  
**D21H 21/14** ( 2006.01 )  
**D21H 27/38** ( 2006.01 )  
 (87) WO2016/134256  
 (31) 62/118,489 (32) 20.02.15 (33) US  
 (43) 25.08.2016  
 (44) 09.04.2020  
 (72) Hermans, Michael Alan; Underhill, Richard Louis; Rouse, Kayla Elizabeth  
 (74) Spruson & Ferguson
- 
- (71) Kite Pharma, Inc.; Amgen Inc.  
 (11) AU-B-2017240788  
 (21) 2017240788 (22) 31.03.2017  
 (54) Chimeric receptors and methods of use thereof  
 (51) Int. Cl.

- A61K 31/7068** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
 (87) WO2017/173384  
 (31) 62/317,068 (32) 01.04.16 (33) US  
 (43) 05.10.2017  
 (44) 09.04.2020  
 (72) Wiltzius, Jed; Alvarez Rodriguez, Ruben; Bakker, Alice; Arvedson, Tara; Wu, Lawren  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Knauf Insulation  
 (11) AU-B-2016212046  
 (21) 2016212046 (22) 27.01.2016  
 (54) Process for the preparation of a silica melt  
 (51) Int. Cl.  
**C03B 5/235** ( 2006.01 )  
**C03B 3/00** ( 2006.01 )  
**C03B 5/44** ( 2006.01 )  
**C03C 3/078** ( 2006.01 )  
**C03C 3/087** ( 2006.01 )  
**C03C 3/089** ( 2006.01 )  
**C03C 3/091** ( 2006.01 )  
 (87) WO2016/120348  
 (31) 1501307.1 (32) 27.01.15 (33) GB  
 (43) 04.08.2016  
 (44) 09.04.2020  
 (72) Demott, Gerard; Marolt, Bostjan; Ducarme, David  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Kocher-plastik Maschinenbau GmbH  
 (11) AU-B-2015258452  
 (21) 2015258452 (22) 30.04.2015  
 (54) Test apparatus for checking container products  
 (51) Int. Cl.  
**B07C 5/34** ( 2006.01 )  
**B67C 3/00** ( 2006.01 )  
**G01N 21/90** ( 2006.01 )  
 (87) WO2015/172865  
 (31) 10 2014 006 835.8 (32) 13.05.14 (33) DE  
 (43) 19.11.2015  
 (44) 09.04.2020  
 (72) Prinz, Heino  
 (74) FB Rice Pty Ltd
- 
- (71) Kocher-plastik Maschinenbau GmbH  
 (11) AU-B-2015393961  
 (21) 2015393961 (22) 06.05.2015  
 (54) Transfer system for containers  
 (51) Int. Cl.  
**A61J 1/20** ( 2006.01 )  
 (87) WO2016/177383  
 (43) 10.11.2016  
 (44) 09.04.2020  
 (72) Spallek, Michael; Geser, Johannes; Köppel, Karl; Hammer, Alexander  
 (74) FB Rice Pty Ltd
- 
- (71) Kortek Corporation  
 (11) AU-B-2017325356

Applications Accepted - Name Index cont'd

- (21) 2017325356 (22) 20.07.2017  
 (54) Curved imaging device and method for manufacturing same  
 (51) Int. Cl.  
*G02F 1/1333* ( 2006.01 )  
*G02F 1/1335* ( 2006.01 )  
*G09F 9/30* ( 2006.01 )
- (87) WO2018/048089  
 (31) 10-2016-0115589 (32) 08.09.16 (33) KR  
 (43) 15.03.2018  
 (44) 09.04.2020  
 (72) Lee, Kyoung Chan  
 (74) FB Rice Pty Ltd
- 
- (71) Kyoto University; Astellas Pharma Inc.  
 (11) AU-B-2014279065  
 (21) 2014279065 (22) 11.06.2014  
 (54) Method for producing renal precursor cells, and drug containing renal precursor cells  
 (51) Int. Cl.  
*C12N 5/07* ( 2010.01 )  
*A61K 35/12* ( 2006.01 )  
*A61L 27/00* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
*C12N 5/077* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )
- (87) WO2014/200115  
 (31) 2013-123072 (32) 11.06.13 (33) JP  
 2014-092108 25.04.14 JP  
 (43) 18.12.2014  
 (44) 09.04.2020  
 (72) Osafune, Kenji; Toyohara, Takafumi; Yamagishi, Yukiko  
 (74) Shelston IP Pty Ltd.
- 
- (71) Lanxess Deutschland GmbH  
 (11) AU-B-2018246923  
 (21) 2018246923 (22) 19.03.2018  
 (54) Iron oxide pigments containing Al  
 (51) Int. Cl.  
*C09C 1/24* ( 2006.01 )  
*C01G 49/00* ( 2006.01 )  
*C01G 49/06* ( 2006.01 )  
*C08K 3/18* ( 2006.01 )  
*C09D 1/00* ( 2006.01 )
- (87) WO2018/177789  
 (31) 17164231.7 (32) 31.03.17 (33) EP  
 18155087.2 05.02.18 EP  
 17179589.1 04.07.17 EP  
 (43) 04.10.2018  
 (44) 09.04.2020  
 (72) Bütje, Kai; Kathrein, Christine; Rosenhahn, Carsten; Kischkewitz, Jürgen; Meisen, Ulrich; Köhler, Peter  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2017263706  
 (21) 2017263706 (22) 10.05.2017  
 (54) Mobile robot and control method therefor  
 (51) Int. Cl.  
*B25J 11/00* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
*B25J 9/00* ( 2006.01 )  
*B25J 9/16* ( 2006.01 )  
*B25J 19/02* ( 2006.01 )
- (87) WO2017/196084  
 (31) 10-2016-0057182 (32) 10.05.16 (33) KR  
 (43) 16.11.2017
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2018261298  
 (21) 2018261298 (22) 03.05.2018  
 (54) Method for transmitting and receiving random access channel, and device for same  
 (51) Int. Cl.  
*H04W 74/08* ( 2009.01 )  
*H04W 56/00* ( 2009.01 )
- (87) WO2018/203673  
 (31) 62/501,086 (32) 03.05.17 (33) US  
 62/507,752 17.05.17 US  
 62/587,479 17.11.17 US  
 62/616,511 12.01.18 US  
 62/566,546 02.10.17 US  
 62/570,672 11.10.17 US
- (43) 08.11.2018  
 (44) 09.04.2020  
 (72) Kim, Eunsun; Ko, Hyunsoo; Yoon, Sukhyon; Kim, Kijun  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Linde Aktiengesellschaft  
 (11) AU-B-2016232161  
 (21) 2016232161 (22) 17.03.2016  
 (54) A valve for a gas cylinder  
 (51) Int. Cl.  
*F17C 13/04* ( 2006.01 )
- (87) WO2016/146772  
 (31) 1504451.4 (32) 17.03.15 (33) GB  
 (43) 22.09.2016  
 (44) 09.04.2020  
 (72) Hilton, Derrick Ernest; Kandziora, Christine; Rhodes, Andy; Jacobsen, Brian  
 (74) Shelston IP Pty Ltd.
- 
- (71) Lindsey Manufacturing Company  
 (11) AU-B-2018200403  
 (21) 2018200403 (22) 17.01.2018  
 (54) Dynamic real time transmission line monitor  
 (51) Int. Cl.  
*G01R 31/08* ( 2006.01 )
- (43) 08.02.2018  
 (44) 09.04.2020  
 (62) 2014248553  
 (72) LINDSEY, Keith E.; SPILLANE, Philip E.; WANG, An-Chyun  
 (74) FB Rice Pty Ltd
- 
- (71) LS Cable & System Ltd.  
 (11) AU-B-2018205108  
 (21) 2018205108 (22) 11.07.2018  
 (54) Connector for optical fiber and power line composite cable and optical fiber and power line composite cable system having the same  
 (51) Int. Cl.  
*H01B 11/22* ( 2006.01 )  
*G02B 6/36* ( 2006.01 )
- (31) 10-2018-0078584 (32) 06.07.18 (33) KR  
 (43) 23.01.2020  
 (44) 09.04.2020  
 (72) Jin, Sung Su; Chae, Il Shik; Baeck, Jong Seb; Tran, An Vu; Domelow, Neil Harold; Normoyle, Stephen James  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Lubris LLC  
 (11) AU-B-2014354859  
 (21) 2014354859 (22) 25.11.2014  
 (54) Compositions and methods for inhibiting intercellular interactions  
 (51) Int. Cl.  
*A61K 31/715* ( 2006.01 )
- (87) WO2015/081121  
 (31) 61/908,959 (32) 26.11.13 (33) US  
 (43) 04.06.2015  
 (44) 09.04.2020  
 (72) Jay, Gregory D.; Schmidt, Tannin; Sullivan, Benjamin  
 (74) Griffith Hack
- 
- (71) Mainstay Medical Limited  
 (11) AU-B-2015298346  
 (21) 2015298346 (22) 05.08.2015  
 (54) Electrode leads for use with implantable neuromuscular electrical stimulator  
 (51) Int. Cl.  
*A61N 1/05* ( 2006.01 )  
*A61N 1/18* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )
- (87) WO2016/020846  
 (31) 14/453,423 (32) 06.08.14 (33) US  
 (43) 11.02.2016  
 (44) 09.04.2020  
 (72) Shiroff, Jason Alan; Skubit, Jason John; Rawat, Prashant Brijmohansingh  
 (74) HENRY HUGHES IP LTD
- 
- (71) MANTOVANI & VICENTINI S.R.L.; M-I L.L.C.  
 (11) AU-B-2018256585  
 (21) 2018256585 (22) 31.10.2018  
 (54) Modular pressure control and drilling waste management apparatus for subterranean borehole  
 (51) Int. Cl.  
*E21B 43/12* ( 2006.01 )  
*E21B 21/08* ( 2006.01 )  
*E21B 43/34* ( 2006.01 )
- (43) 22.11.2018  
 (44) 09.04.2020  
 (62) 2015321442  
 (72) ALFONZO NUNEZ, Jamt; DELAHOUS-SAYE, George Paul; SPACCAMONTE, Stefano; SPINELLO, Antonio  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

(71) MASTERCARD INTERNATIONAL INCORPORATED  
 (11) AU-B-2017318589  
 (21) 2017318589 (22) 31.08.2017  
 (54) Method and system for cardless ATM transaction via mobile device  
 (51) Int. Cl.  
     G06Q 20/32 ( 2012.01 )  
     G06Q 40/02 ( 2012.01 )  
 (87) WO2018/045134  
 (31) 62/383,446 (32) 04.09.16 (33) US  
 (43) 08.03.2018  
 (44) 09.04.2020  
 (72) Goodman, Daniel Jason; Belin, Max Alexander; Leung, Michael  
 (74) Davies Collison Cave Pty Ltd

(71) Mathys AG Bettlach  
 (11) AU-B-2018201466  
 (21) 2018201466 (22) 28.02.2018  
 (54) COATED HEMI-PROSTHESIS IMPLANT  
 (51) Int. Cl.  
     A61F 2/36 ( 2006.01 )  
     A61F 2/30 ( 2006.01 )  
     A61F 2/34 ( 2006.01 )  
     A61F 2/38 ( 2006.01 )  
     A61F 2/40 ( 2006.01 )  
     A61F 2/42 ( 2006.01 )  
 (43) 29.03.2018  
 (44) 09.04.2020  
 (62) 2014372883  
 (72) Lerf, Reto; Scheurer, Stefan  
 (74) Spruson & Ferguson

(71) Mayer, LLC  
 (11) AU-B-2015266697  
 (21) 2015266697 (22) 29.05.2015  
 (54) Stretch valve balloon catheter and methods for producing and using same  
 (51) Int. Cl.  
     A61M 25/10 ( 2006.01 )  
     A61M 27/00 ( 2006.01 )  
 (87) WO2015/184357  
 (31) 14/473,244 (32) 29.08.14 (33) US  
     14/292,112 30.05.14 US  
 (43) 03.12.2015  
 (44) 09.04.2020  
 (72) Pinchuk, Leonard; Kalser, Gary A.; Mayback, Gregory L.; Leone, James  
 (74) Baxter Patent Attorneys Pty Ltd

(71) MED-EL Elektromedizinische Gerate GmbH  
 (11) AU-B-2018214013  
 (21) 2018214013 (22) 07.08.2018  
 (54) Cochlear implant fitting via efferent nerve fibers  
 (51) Int. Cl.  
     A61N 1/36 ( 2006.01 )  
 (43) 23.08.2018  
 (44) 09.04.2020  
 (62) 2016205262  
 (72) SCHWARZ, Konrad Eugen; DIERKER, Angelika; GOLL, Martin Franz  
 (74) Griffith Hack

(71) Medtronic, Inc.  
 (11) AU-B-2018202721  
 (21) 2018202721 (22) 19.04.2018  
 (54) Fluid circuit for delivery of renal replacement therapies  
 (51) Int. Cl.  
     A61M 1/14 ( 2006.01 )  
     A61M 1/16 ( 2006.01 )  
     A61M 1/34 ( 2006.01 )  
 (43) 10.05.2018  
 (44) 09.04.2020  
 (62) 2014212129  
 (72) Meyer, Thomas E.; Lura, David B.; Pudil, Bryant J.; Gerber, Martin T.  
 (74) FB Rice Pty Ltd

(71) Memorial Sloan Kettering Cancer Center  
 (11) AU-B-2018201210  
 (21) 2018201210 (22) 20.02.2018  
 (54) Immunogenic WT-1 peptides and methods of use thereof  
 (51) Int. Cl.  
     A61K 39/00 ( 2006.01 )  
     A61K 38/08 ( 2006.01 )  
 (43) 08.03.2018  
 (44) 09.04.2020  
 (62) 2013207669  
 (72) O'Reilly, Richard J.; Doubrovina, Ekaterina; Selvakumar, Annamalai  
 (74) Watermark Intellectual Property Pty Ltd

(71) Merck Sharp & Dohme Corp.  
 (11) AU-B-2018211207  
 (21) 2018211207 (22) 31.07.2018  
 (54) Insulin receptor partial agonists  
 (51) Int. Cl.  
     C07K 14/62 ( 2006.01 )  
     A61K 38/28 ( 2006.01 )  
 (43) 16.08.2018  
 (44) 09.04.2020  
 (62) 2015349890  
 (72) LIN, Songnian; YAN, Lin; HUO, Pei; PISSARNITSKI, Dmitri; FENG, Danqing; NARGUND, Ravi; ZHU, Yuping; KEKEC, Ahmet; MADSEN-DUGGAN, Christina B.; SHI, Zhi-Cai; WU, Zhicai; MU, Yingjun  
 (74) Spruson & Ferguson

(71) Metalogenia Research & Technologies S.L.  
 (11) AU-B-2017224039  
 (21) 2017224039 (22) 14.02.2017  
 (54) Locking device for securing a wear element in a support in an earth moving machine  
 (51) Int. Cl.  
     E02F 9/28 ( 2006.01 )  
     E21C 35/18 ( 2006.01 )  
     F16B 21/12 ( 2006.01 )  
     F16B 37/12 ( 2006.01 )  
 (87) WO2017/144305  
 (31) 16382074.9 (32) 23.02.16 (33) EP  
 (43) 31.08.2017  
 (44) 09.04.2020  
 (72) Amat Holgado, Carlos; Gimeno Tordera, Albert; Triginer Boixeda, Jorge  
 (74) Phillips Ormonde Fitzpatrick

(71) Mexichem Fluor S.A. de C.V.  
 (11) AU-B-2017328905  
 (21) 2017328905 (22) 18.09.2017  
 (54) Pharmaceutical composition  
 (51) Int. Cl.  
     A61K 31/4704 ( 2006.01 )  
     A61K 9/00 ( 2006.01 )  
     A61P 11/00 ( 2006.01 )  
 (87) WO2018/051128  
 (31) 1615910.5 (32) 19.09.16 (33) GB  
     1620516.3 02.12.16 GB  
 (43) 22.03.2018  
 (44) 09.04.2020  
 (72) Corr, Stuart; Noakes, Timothy James  
 (74) Phillips Ormonde Fitzpatrick

(71) Mexichem Fluor S.A. de C.V.  
 (11) AU-B-2017328907  
 (21) 2017328907 (22) 18.09.2017  
 (54) Pharmaceutical composition  
 (51) Int. Cl.  
     A61K 31/40 ( 2006.01 )  
     A61K 9/00 ( 2006.01 )  
     A61K 31/4704 ( 2006.01 )  
     A61K 31/56 ( 2006.01 )  
     A61P 11/00 ( 2006.01 )  
 (87) WO2018/051130  
 (31) 1615917.0 (32) 19.09.16 (33) GB  
     1620519.7 02.12.16 GB  
 (43) 22.03.2018  
 (44) 09.04.2020  
 (72) Corr, Stuart; Noakes, Timothy James  
 (74) Phillips Ormonde Fitzpatrick

(71) Mexichem Fluor S.A. de C.V.  
 (11) AU-B-2017328909  
 (21) 2017328909 (22) 18.09.2017  
 (54) Pharmaceutical composition  
 (51) Int. Cl.  
     A61K 31/439 ( 2006.01 )  
     A61K 9/00 ( 2006.01 )  
     A61P 11/00 ( 2006.01 )  
 (87) WO2018/051132  
 (31) 1620513.0 (32) 02.12.16 (33) GB  
     1615912.1 19.09.16 GB  
 (43) 22.03.2018  
 (44) 09.04.2020  
 (72) Corr, Stuart; Noakes, Timothy James  
 (74) Phillips Ormonde Fitzpatrick

(71) Mexichem Fluor S.A. de C.V.  
 (11) AU-B-2017328910  
 (21) 2017328910 (22) 18.09.2017  
 (54) Pharmaceutical composition  
 (51) Int. Cl.  
     A61K 31/137 ( 2006.01 )  
     A61K 9/00 ( 2006.01 )  
     A61K 31/56 ( 2006.01 )  
     A61P 11/00 ( 2006.01 )  
 (87) WO2018/051133  
 (31) 1615914.7 (32) 19.09.16 (33) GB  
     1620517.1 02.12.16 GB  
 (43) 22.03.2018  
 (44) 09.04.2020  
 (72) Corr, Stuart; Noakes, Timothy James  
 (74) Phillips Ormonde Fitzpatrick

Applications Accepted - Name Index cont'd

---

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2015271726  
 (21) 2015271726 (22) 03.06.2015  
 (54) Modification of visual content to facilitate improved speech recognition  
 (51) Int. Cl.  
*G10L 15/24* ( 2006.01 )  
*H04N 5/262* ( 2006.01 )  
*H04N 7/18* ( 2006.01 )  
 (87) WO2015/187756  
 (31) 14/297,742 (32) 06.06.14 (33) US  
 (43) 10.12.2015  
 (44) 09.04.2020  
 (72) Stolcke, Andreas; Zweig, Geoffrey; Slaney, Malcolm  
 (74) Davies Collison Cave Pty Ltd

---

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2015298146  
 (21) 2015298146 (22) 24.07.2015  
 (54) Visual tools for failure analysis in distributed systems  
 (51) Int. Cl.  
*G06F 11/32* ( 2006.01 )  
*G06F 11/07* ( 2006.01 )  
*G06F 11/30* ( 2006.01 )  
*G06F 11/34* ( 2006.01 )  
 (87) WO2016/018730  
 (31) 14/447,591 (32) 30.07.14 (33) US  
 (43) 04.02.2016  
 (44) 09.04.2020  
 (72) Sadovsky, Art; Narayanan, Venkat; Ojha, Smita  
 (74) Davies Collison Cave Pty Ltd

---

M-I L.L.C. see MANTOVANI & VICENTINI S.R.L.  
 (21) 2018256585

---

(71) MJN U.S. Holdings LLC  
 (11) AU-B-2015324390  
 (21) 2015324390 (22) 02.09.2015  
 (54) Nutritional composition for gastrointestinal environment to provide improved microbiome and metabolic profile  
 (51) Int. Cl.  
*A23L 33/10* ( 2016.01 )  
 (87) WO2016/053563  
 (31) 14/503,555 (32) 01.10.14 (33) US  
 (43) 07.04.2016  
 (44) 09.04.2020  
 (72) Chichlowski, Maciej; Berg, Brian  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Monash University  
 (11) AU-B-2015303835  
 (21) 2015303835 (22) 12.08.2015  
 (54) Lymph directing prodrugs  
 (51) Int. Cl.  
*C07J 9/00* ( 2006.01 )  
*A61K 31/56* ( 2006.01 )  
*A61K 31/568* ( 2006.01 )  
*A61P 5/24* ( 2006.01 )  
*C07J 5/00* ( 2006.01 )

---

*C07J 31/00* ( 2006.01 )  
 (87) WO2016/023082  
 (31) 2014903148 (32) 12.08.14 (33) AU  
 (43) 18.02.2016  
 (44) 09.04.2020  
 (72) Porter, Chris; Simpson, Jamie; Trevaskis, Natalie; Quach, Tim; Han, Sifei; Hu, Luojuan  
 (74) Davies Collison Cave Pty Ltd

---

(71) Monsanto Technology LLC  
 (11) AU-B-2019246918  
 (21) 2019246918 (22) 11.10.2019  
 (54) PLANT REGULATORY ELEMENTS AND USES THEREOF  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*A01H 5/00* ( 2006.01 )  
*C12N 15/29* ( 2006.01 )  
 (43) 31.10.2019  
 (44) 09.04.2020  
 (62) 2018200911  
 (72) Flasiński, Stanislaw; Wu, Wei; Foat, Barrett C.; Oufatolle, Mohammed; Shultz, Randall W.; Wei, Xiaoping; Yang, Shiaw-Pyng  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Morgan Tecnica S.p.A.  
 (11) AU-B-2016261265  
 (21) 2016261265 (22) 10.05.2016  
 (54) Machine for spreading fabric  
 (51) Int. Cl.  
*B65H 45/103* ( 2006.01 )  
 (87) WO2016/181298  
 (31) MI2015A000675 (32) 14.05.15 (33) IT  
 (43) 17.11.2016  
 (44) 09.04.2020  
 (72) Giachetti, Franco  
 (74) Madderns Pty Ltd

---

(71) Motorola Solutions, Inc.  
 (11) AU-B-2017277572  
 (21) 2017277572 (22) 12.05.2017  
 (54) Method, server, and communication device for updating identity-based cryptographic private keys of compromised communication devices  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*H04L 9/00* ( 2006.01 )  
*H04L 9/08* ( 2006.01 )  
*H04W 4/10* ( 2009.01 )  
*H04W 12/04* ( 2009.01 )  
 (87) WO2017/213799  
 (31) 15/174,424 (32) 06.06.16 (33) US  
 (43) 14.12.2017  
 (44) 09.04.2020  
 (72) Reitsma, Katrin; Korus, Michael F.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Motorola Solutions, Inc.  
 (11) AU-B-2019203987  
 (21) 2019203987 (22) 07.06.2019  
 (54) METHOD FOR REAL-TIME AUTHORIZATION WITHIN A PUSH TO TALK

---

FOR THE INTERNET OF THINGS SYSTEM  
 (51) Int. Cl.  
*H04W 4/08* ( 2009.01 )  
*G06F 21/30* ( 2013.01 )  
*H04W 4/10* ( 2009.01 )  
 (31) 16/004,709 (32) 11.06.18 (33) US  
 (43) 02.01.2020  
 (44) 09.04.2020  
 (72) Tov, Jacob Shem; Mizrachi, David  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Nanjing Chervon Industry Co., Ltd.  
 (11) AU-B-2017380373  
 (21) 2017380373 (22) 21.12.2017  
 (54) WALK-BEHIND, SELF-PROPELLED MACHINE  
 (51) Int. Cl.  
*F16H 3/10* ( 2006.01 )  
*A01D 69/06* ( 2006.01 )  
 (87) WO2018/113738  
 (31) 201611205394.X (32) 23.12.16 (33) CN  
 2017111093658.1 08.11.17 CN  
 (43) 28.06.2018  
 (44) 09.04.2020  
 (72) Fan, Gongyuan; Wang, Zhen  
 (74) Madderns Pty Ltd

---

(71) Nanophase Technologies Corporation  
 (11) AU-B-2015403463  
 (21) 2015403463 (22) 27.07.2015  
 (54) Multifunctional coated powders and high solids dispersions  
 (51) Int. Cl.  
*C09C 1/36* ( 2006.01 )  
*A61K 8/02* ( 2006.01 )  
*A61K 8/29* ( 2006.01 )  
*A61K 8/892* ( 2006.01 )  
*A61Q 17/04* ( 2006.01 )  
*B01F 17/00* ( 2006.01 )  
*B01F 17/54* ( 2006.01 )  
*C09C 1/00* ( 2006.01 )  
*C09C 1/04* ( 2006.01 )  
*C09C 1/24* ( 2006.01 )  
*C09C 1/30* ( 2006.01 )  
*C09C 1/40* ( 2006.01 )  
*C09C 3/12* ( 2006.01 )  
 (87) WO2017/019026  
 (43) 02.02.2017  
 (44) 09.04.2020  
 (72) Shah, Kushal; Sarkas, Harry W.; Murry, Patrick G.  
 (74) Griffith Hack

---

(71) Nant Holdings IP, LLC  
 (11) AU-B-2019202770  
 (21) 2019202770 (22) 18.04.2019  
 (54) LINK ASSOCIATION ANALYSIS SYSTEMS AND METHODS  
 (51) Int. Cl.  
*G06F 17/00* ( 2006.01 )  
*G06F 15/16* ( 2006.01 )  
 (43) 16.05.2019  
 (44) 09.04.2020  
 (62) 2014219089  
 (72) Soon-Shiong, Patrick; Soon-Shiong, Luke  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

Applications Accepted - Name Index cont'd

- 
- (71) Nasdaq, Inc.  
 (11) AU-B-2019202035  
 (21) 2019202035 (22) 25.03.2019  
 (54) Application logging framework  
 (51) Int. Cl.  
*G06F 9/46* ( 2006.01 )  
*G06F 15/16* ( 2006.01 )  
*H04L 29/08* ( 2006.01 )  
 (43) 18.04.2019  
 (44) 09.04.2020  
 (62) 2016298112  
 (72) George, Santhosh Philip  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) National ICT Australia Limited  
 (11) AU-B-2015336949  
 (21) 2015336949 (22) 26.10.2015  
 (54) Gradients over distributed datasets  
 (51) Int. Cl.  
*H04L 9/12* ( 2006.01 )  
*G06F 21/60* ( 2013.01 )  
 (87) WO2016/061635  
 (31) 2014904260 (32) 24.10.14 (33) AU  
 (43) 28.04.2016  
 (44) 09.04.2020  
 (72) Hardy, Stephen; Lawrence, Felix; Visentin, Daniel  
 (74) FB Rice Pty Ltd
- 
- (71) National Institute of Biological Sciences, Beijing  
 (11) AU-B-2015371822  
 (21) 2015371822 (22) 23.12.2015  
 (54) Necrosis inhibitors  
 (51) Int. Cl.  
*C07C 233/05* ( 2006.01 )  
*A61K 31/16* ( 2006.01 )  
*C07C 235/06* ( 2006.01 )  
*C07C 275/06* ( 2006.01 )  
*C07C 311/03* ( 2006.01 )  
*C07D 213/06* ( 2006.01 )  
*C07D 215/12* ( 2006.01 )  
*C07D 233/64* ( 2006.01 )  
*C07D 277/20* ( 2006.01 )  
*C07D 333/06* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
 (87) WO2016/101885  
 (31) PCT/ CN2014/094735 (32) 24.12.14 (33) CN  
 (43) 30.06.2016  
 (44) 09.04.2020  
 (72) Zhang, Zhiyuan; Wang, Xiaodong; Lei, Xiaoguang; Su, Yaning; He, Sudan; Ruan, Hanying; Sun, Liming  
 (74) Golja Haines & Friend
- 
- (71) National University Corporation Kobe University  
 (11) AU-B-2015313647  
 (21) 2015313647 (22) 09.09.2015  
 (54) Device for fixing biological soft tissue, and method for producing same  
 (51) Int. Cl.  
*C22C 23/04* ( 2006.01 )  
*A61L 31/00* ( 2006.01 )  
*C22C 23/00* ( 2006.01 )

- C22F 1/06* ( 2006.01 )  
*C22F 1/00* ( 2006.01 )  
 (87) WO2016/038892  
 (31) 2015-050101 (32) 12.03.15 (33) JP  
 2014-183716 09.09.14 JP  
 (43) 17.03.2016  
 (44) 09.04.2020  
 (72) Mukai, Toshiji; Ikee, Naoko; Gu, Eisei; Fukumoto, Takumi; Yabuuchi, Hikaru  
 (74) Shelston IP Pty Ltd.
- 
- (71) Neogen Corporation  
 (11) AU-B-2018202644  
 (21) 2018202644 (22) 16.04.2018  
 (54) Fluid atomizer, nozzle assembly and methods for assembling and utilizing the same  
 (51) Int. Cl.  
*B05B 1/34* ( 2006.01 )  
*B05B 9/01* ( 2006.01 )  
*B05B 12/00* ( 2006.01 )  
 (43) 10.05.2018  
 (44) 09.04.2020  
 (62) 2015219153  
 (72) BIGGS III, James C.; BENTON, Arthur Michael; CARNEY, Paul C.  
 (74) Spruson & Ferguson
- 
- (71) New York Air Brake, LLC  
 (11) AU-B-2016429776  
 (21) 2016429776 (22) 21.11.2016  
 (54) Automatic parking brake for body mounted brake cylinder  
 (51) Int. Cl.  
*B60T 17/16* ( 2006.01 )  
*F15B 15/26* ( 2006.01 )  
 (87) WO2018/093387  
 (31) 15/356,948 (32) 21.11.16 (33) US  
 (43) 24.05.2018  
 (44) 09.04.2020  
 (72) Call, Derick; Lacosse, Justin; Hughes, Craig Floyd; Vendlinski, James Lewis  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) New York Air Brake, LLC  
 (11) AU-B-2017427589  
 (21) 2017427589 (22) 15.08.2017  
 (54) Deicing system for air compressor after-cooler  
 (51) Int. Cl.  
*B60T 17/00* ( 2006.01 )  
 (87) WO2019/035812  
 (31) 15/677,403 (32) 15.08.17 (33) US  
 (43) 21.02.2019  
 (44) 09.04.2020  
 (72) WRIGHT, Eric C.  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) Nicira, Inc.  
 (11) AU-B-2016307199  
 (21) 2016307199 (22) 01.04.2016  
 (54) Route configuration for logical router  
 (51) Int. Cl.  
*H04L 12/715* ( 2013.01 )  
*H04L 12/931* ( 2013.01 )  
*H04L 12/717* ( 2013.01 )  
*H04L 12/721* ( 2013.01 )  
 (87) WO2017/027073

- (31) 14/871,977 (32) 30.09.15 (33) US  
 4183/CHE/2015 11.08.15 IN  
 14/871,968 30.09.15 US  
 (43) 16.02.2017  
 (44) 09.04.2020  
 (72) Masurekar, Uday; Goliya, Abhishek  
 (74) FB Rice Pty Ltd
- 
- (71) Nicoventures Holdings Limited  
 (11) AU-B-2019202166  
 (21) 2019202166 (22) 28.03.2019  
 (54) Electronic vapour provision system  
 (51) Int. Cl.  
*A24F 47/00* ( 2006.01 )  
 (43) 18.04.2019  
 (44) 09.04.2020  
 (62) 2017265145  
 (72) Lord, Christopher; Mullin, Martin  
 (74) Shelston IP Pty Ltd.
- 
- (71) NIKE Innovate C.V.  
 (11) AU-B-2018204720  
 (21) 2018204720 (22) 28.06.2018  
 (54) Waistband for article of apparel featuring cord and embroidery tunnel  
 (51) Int. Cl.  
*A41F 9/00* ( 2006.01 )  
 (43) 19.07.2018  
 (44) 09.04.2020  
 (62) 2016201041  
 (72) Moore, Bruce Y.; Anaya, Erika K.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Nippon Steel Engineering Co., Ltd.  
 (11) AU-B-2019268089  
 (21) 2019268089 (22) 15.02.2019  
 (54) Drying apparatus and drying method  
 (51) Int. Cl.  
*F26B 3/084* ( 2006.01 )  
 (87) WO2019/220720  
 (31) 2018-094350 (32) 16.05.18 (33) JP  
 (43) 21.11.2019  
 (44) 09.04.2020  
 (72) Sekimoto, Kenichi; Kosuge, Katsushi  
 (74) Spruson & Ferguson
- 
- (71) NKT HV Cables AB  
 (11) AU-B-2015401841  
 (21) 2015401841 (22) 03.07.2015  
 (54) A temporary load securing device for an armoured high voltage cable and a method for facilitating installation-related operations of an armoured high voltage cable  
 (51) Int. Cl.  
*H02G 1/10* ( 2006.01 )  
*F16G 11/00* ( 2006.01 )  
*F16L 1/12* ( 2006.01 )  
*F16L 1/235* ( 2006.01 )  
*H02G 9/02* ( 2006.01 )  
*H02G 15/007* ( 2006.01 )  
 (87) WO2017/005278  
 (43) 12.01.2017  
 (44) 09.04.2020  
 (72) Hansson, Stefan; Behrens, Jonas  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

(71) Nokia Technologies Oy  
 (11) AU-B-2017334059  
 (21) 2017334059 (22) 04.09.2017  
 (54) Radio bearer switching in radio access  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*H04W 28/02* ( 2009.01 )  
 (87) WO2018/060546  
 (31) 62/401,385 (32) 29.09.16 (33) US  
 (43) 05.04.2018  
 (44) 09.04.2020  
 (72) Maeder, Andreas; Decarreau, Guillaume  
 (74) Spruson & Ferguson

(71) Nordischer Maschinenbau Rud. Baader GmbH + Co. KG  
 (11) AU-B-2018233468  
 (21) 2018233468 (22) 01.02.2018  
 (54) Assembly and method for processing fish  
 (51) Int. Cl.  
*F25D 13/06* ( 2006.01 )  
*A22B 5/00* ( 2006.01 )  
*A22C 25/08* ( 2006.01 )  
*A23B 4/06* ( 2006.01 )  
 (87) WO2018/166704  
 (31) 17161101.5 (32) 15.03.17 (33) EP  
 (43) 20.09.2018  
 (44) 09.04.2020  
 (72) Jacobsen, Ulf  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Norton (Waterford) Limited see Ivax Pharmaceuticals Ireland  
 (21) 2018206738

(71) Novartis AG  
 (11) AU-B-2018201967  
 (21) 2018201967 (22) 20.03.2018  
 (54) Antibodies for epidermal growth factor receptor 3 (HER3)  
 (51) Int. Cl.  
*C07K 16/32* ( 2006.01 )  
*A61K 31/395* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (43) 12.04.2018  
 (44) 09.04.2020  
 (62) 2016202777  
 (72) ELIS, Winifried; ETTENBERG, Seth; GARNER, Andrew Paul; HAUBST, Nicole; HUANG, Xizhong; KUNZ, Christian Carsten Silvester; REISINGER SPRAGUE, Elizabeth Anne; SHENG, Qing  
 (74) Davies Collison Cave Pty Ltd

(71) Novozymes A/S  
 (11) AU-B-2016282355  
 (21) 2016282355 (22) 24.06.2016  
 (54) Method for producing a coffee extract  
 (51) Int. Cl.  
*A23F 5/24* ( 2006.01 )  
*C12N 9/24* ( 2006.01 )  
 (87) WO2016/207384  
 (31) 15174110.5 (32) 26.06.15 (33) EP  
 15174117.0 26.06.15 EP  
 (43) 29.12.2016

(44) 09.04.2020  
 (72) Eklöf, Jens Magnus; Rasmussen, Louise; Lynglev, Gitte Budolfsen; Spodsberg, Nikolaj; Krogh, Kristian Bertel Roemer M.  
 (74) Shelston IP Pty Ltd.

(71) NOWWW.US PTY LIMITED  
 (11) AU-B-2013263803  
 (21) 2013263803 (22) 28.11.2013  
 (54) A SECURE PROCESSING SYSTEM FOR USE WITH A PORTABLE COMMUNICATION DEVICE  
 (51) Int. Cl.  
*G06F 21/34* ( 2013.01 )  
*G06F 15/00* ( 2006.01 )  
*G06F 17/00* ( 2006.01 )  
 (31) 2012905181 (32) 28.11.12 (33) AU  
 (43) 12.06.2014  
 (44) 09.04.2020  
 (72) Anson, Mark Rodney  
 (74) Lance Arthur Roman-Miller

(71) Nuevolution A/S  
 (11) AU-B-2015295405  
 (21) 2015295405 (22) 29.07.2015  
 (54) Compounds active towards bromodomains  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/4704* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 215/22* ( 2006.01 )  
*C07D 401/12* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 491/10* ( 2006.01 )  
*C07D 498/04* ( 2006.01 )  
 (87) WO2016/016316

(31) 1450919-4 (32) 01.08.14 (33) SE  
 (43) 04.02.2016  
 (44) 09.04.2020  
 (72) Gerner Seitzberg, Jimmi; Titilola Akin-lemnu Kronborg, Tine; Poljak, Visnja; Friberg, Gitte; Teuber, Lene  
 (74) Spruson & Ferguson

(71) Obschestvo S Ogranichennoi Otvetstvennostiyu "pharmenterprises"  
 (11) AU-B-2018236805  
 (21) 2018236805 (22) 27.09.2018  
 (54) Glutarimide derivatives, use thereof, pharmaceutical composition based thereon and methods for producing glutarimide derivatives  
 (51) Int. Cl.  
*C07D 401/06* ( 2006.01 )  
*A61K 31/34* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 31/415* ( 2006.01 )  
*A61K 31/421* ( 2006.01 )  
*A61K 31/427* ( 2006.01 )  
*A61K 31/45* ( 2006.01 )  
*A61P 11/02* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 405/06* ( 2006.01 )  
*C07D 409/06* ( 2006.01 )  
*C07D 413/06* ( 2006.01 )

*C07D 417/06* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (43) 18.10.2018  
 (44) 09.04.2020  
 (62) 2014251442  
 (72) Nebolsin, Vladimir Evgenievich; Kromova, Tatyana Alexandrovna  
 (74) Davies Collison Cave Pty Ltd

(71) Oculeve, Inc.  
 (11) AU-B-2015292278  
 (21) 2015292278 (22) 24.07.2015  
 (54) Stimulation patterns for treating dry eye  
 (51) Int. Cl.  
*A61M 1/05* ( 2006.01 )  
 (87) WO2016/015025  
 (31) 62/029,362 (32) 25.07.14 (33) US  
 62/067,416 22.10.14 US  
 (43) 28.01.2016  
 (44) 09.04.2020  
 (72) Franke, Manfred; Loudin, James Donald  
 (74) Davies Collison Cave Pty Ltd

(71) Omega Life Science Ltd.  
 (11) AU-B-2015332008  
 (21) 2015332008 (22) 12.10.2015  
 (54) Nebulizers and uses thereof  
 (51) Int. Cl.  
*A61M 11/02* ( 2006.01 )  
 (87) WO2016/059630  
 (31) 62/062,966 (32) 13.10.14 (33) US  
 62/066,401 21.10.14 US  
 62/180,627 17.06.15 US  
 (43) 21.04.2016  
 (44) 09.04.2020  
 (72) Hazani, Miron  
 (74) PIPERS

(71) Ouster, Inc.  
 (11) AU-B-2017315762  
 (21) 2017315762 (22) 24.08.2017  
 (54) Optical system for collecting distance information within a field  
 (51) Int. Cl.  
*B23P 17/00* ( 2006.01 )  
*G02B 6/04* ( 2006.01 )  
*G02B 6/06* ( 2006.01 )  
*G02B 27/10* ( 2006.01 )  
*H01L 21/00* ( 2006.01 )  
*H01L 21/302* ( 2006.01 )  
 (87) WO2018/039432  
 (31) 62/379,130 (32) 24.08.16 (33) US  
 (43) 01.03.2018  
 (44) 09.04.2020  
 (72) Pacala, Angus; Frichtl, Mark; Shu, Marvin; Younge, Eric  
 (74) FPA Patent Attorneys Pty Ltd

(71) Outotec (Finland) Oy  
 (11) AU-B-2016348818  
 (21) 2016348818 (22) 02.11.2016  
 (54) Filter element for disc filter apparatus  
 (51) Int. Cl.  
*B01D 33/23* ( 2006.01 )  
 (87) WO2017/077188  
 (31) 20155793 (32) 03.11.15 (33) FI  
 (43) 11.05.2017



Applications Accepted - Name Index cont'd

(44) 09.04.2020  
 (72) Högnabba, Olli; Simola, Laura  
 (74) Griffith Hack

(71) Pacylex Pharmaceuticals Inc.  
 (11) AU-B-2018202839  
 (21) 2018202839 (22) 24.04.2018  
 (54) Synthetic Lethality And Treatment Of Cancer  
 (51) Int. Cl.  
**A61K 31/28** ( 2006.01 )  
**A61K 31/12** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
**A61K 33/24** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (43) 10.05.2018  
 (44) 09.04.2020  
 (62) 2012286542  
 (72) Berthiaume, Luc G.; Beauchamp, Erwan;  
 Perinpanayagam, Conganige Maneka Anne;  
 Yap, Chuiyee  
 (74) WRAYS PTY LTD

(71) Parking Innovations Limited  
 (11) AU-B-2016340028  
 (21) 2016340028 (22) 12.10.2016  
 (54) Vehicle parking or vehicle use in a chargeable area  
 (51) Int. Cl.  
**B60K 7/00** ( 2006.01 )  
**G07B 15/00** ( 2006.01 )  
**G08G 1/14** ( 2006.01 )  
 (87) WO2017/063034  
 (31) 2015904169 (32) 13.10.15 (33) AU  
 (43) 20.04.2017  
 (44) 09.04.2020  
 (72) Edwards, John  
 (74) FB Rice Pty Ltd

(71) Pathologica LLC  
 (11) AU-B-2018247351  
 (21) 2018247351 (22) 15.10.2018  
 (54) Methods and compositions for treatment of demyelinating diseases  
 (51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 08.11.2018  
 (44) 09.04.2020  
 (62) 2014205529  
 (72) Blitzer, Jeremy; McKearn, John  
 (74) Baldwins Intellectual Property

(71) Paxis LLC  
 (11) AU-B-2016353326  
 (21) 2016353326 (22) 11.11.2016  
 (54) Additive manufacturing apparatus, system, and method  
 (51) Int. Cl.  
**B28B 1/00** ( 2006.01 )  
**B28B 17/00** ( 2006.01 )  
**B29C 67/00** ( 2006.01 )  
 (87) WO2017/083734

(31) 62/255,175 (32) 13.11.15 (33) US  
 (43) 18.05.2017  
 (44) 09.04.2020  
 (72) Knecht, Frederick; Littrell, Michael G.  
 (74) Davies Collison Cave Pty Ltd

(71) PGS Geophysical AS  
 (11) AU-B-2015201786  
 (21) 2015201786 (22) 09.04.2015  
 (54) Methods and systems to separate wavefields using pressure wavefield data  
 (51) Int. Cl.  
**G01V 1/38** ( 2006.01 )  
 (31) 61/981,166 (32) 17.04.14 (33) US  
 14/522,377 23.10.14 US  
 (43) 05.11.2015  
 (44) 09.04.2020  
 (72) Asgedom, Endrias Getashew; Orji, Okwudili; Sollner, Walter  
 (74) Davies Collison Cave Pty Ltd

(71) PGS Geophysical AS  
 (11) AU-B-2018203669  
 (21) 2018203669 (22) 24.05.2018  
 (54) Survey techniques using streamers at different depths  
 (51) Int. Cl.  
**G01V 1/28** ( 2006.01 )  
**G01V 3/15** ( 2006.01 )  
 (43) 14.06.2018  
 (44) 09.04.2020  
 (62) 2014203490  
 (72) Hegan, Stian  
 (74) Davies Collison Cave Pty Ltd

(71) Philip Morris Products S.A.  
 (11) AU-B-2015261880  
 (21) 2015261880 (22) 21.05.2015  
 (54) Inductive heating device, aerosol-delivery system comprising an inductive heating device, and method of operating same  
 (51) Int. Cl.  
**A24F 47/00** ( 2006.01 )  
**H05B 6/10** ( 2006.01 )  
 (87) WO2015/177257  
 (31) 14169191.5 (32) 21.05.14 (33) EP  
 (43) 26.11.2015  
 (44) 09.04.2020  
 (72) Fursa, Oleg; Mironov, Oleg; Zinovik, Ihar Nikolaevich  
 (74) Spruson & Ferguson

(71) PK Clean Technologies, Inc.  
 (11) AU-B-2014403368  
 (21) 2014403368 (22) 01.10.2014  
 (54) Converting polymer-containing materials to petroleum products  
 (51) Int. Cl.  
**C10B 47/44** ( 2006.01 )  
**C10B 47/48** ( 2006.01 )  
**C10B 53/07** ( 2006.01 )  
 (87) WO2016/025008  
 (31) 14/455,927 (32) 10.08.14 (33) US  
 (43) 18.02.2016  
 (44) 09.04.2020  
 (72) Bakaya, Priyanka; Coates, Benjamin Ralph  
 (74) Shelston IP Pty Ltd.

(71) Planex Design Pty Ltd  
 (11) AU-B-2015318815  
 (21) 2015318815 (22) 10.09.2015  
 (54) Modular storage system  
 (51) Int. Cl.  
**A47B 87/00** ( 2006.01 )  
**A47B 47/00** ( 2006.01 )  
 (87) WO2016/041002  
 (31) 2014903694 (32) 16.09.14 (33) AU  
 (43) 24.03.2016  
 (44) 09.04.2020  
 (72) Ryner, Leo; Jardel, Jean-pierre  
 (74) Belyea IP

(71) Polygroup Macau Limited (BVI)  
 (11) AU-B-2020201903  
 (21) 2020201903 (22) 16.03.2020  
 (54) Inflatable airbed mattress internal support system  
 (51) Int. Cl.  
**A47C 27/08** ( 2006.01 )  
 (43) 09.04.2020  
 (44) 09.04.2020  
 (62) 2017307042  
 (72) OCEGUEDA GALLAGA, Victor Hugo; ZHANG, Yifeng; LAN, Chaolong; MA, Minglian  
 (74) Spruson & Ferguson

(71) PPT IP AG  
 (11) AU-B-2016259723  
 (21) 2016259723 (22) 09.05.2016  
 (54) Binder for coating plastics substrates without chemical or physical pretreatment  
 (51) Int. Cl.  
**C08J 3/00** ( 2006.01 )  
**C08J 7/04** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )  
**C09D 7/00** ( 2006.01 )  
**C09D 123/00** ( 2006.01 )  
**C09D 127/06** ( 2006.01 )  
 (87) WO2016/180768  
 (31) 15186510.2 (32) 23.09.15 (33) EP  
 102015005784.7 09.05.15 DE  
 102015005783.9 09.05.15 DE  
 10201511283.3 13.07.15 DE  
 102015107289.0 11.05.15 DE  
 (43) 17.11.2016  
 (44) 09.04.2020  
 (72) Posch, Michael; Posch, Fabio  
 (74) Eagar & Associates Pty Ltd

(71) Professional Dietetics S.p.A.  
 (11) AU-B-2015356587  
 (21) 2015356587 (22) 03.12.2015  
 (54) Aminoacid-based composition for fibroelastin recovery in dermal connective tissues  
 (51) Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2016/088078

Applications Accepted - Name Index cont'd

(31) MI2014A002084 (32) 04.12.14 (33) IT  
(43) 09.06.2016  
(44) 09.04.2020  
(72) Giorgetti, Paolo  
(74) Lord & Company

(71) Progress Rail Locomotive Inc.  
(11) AU-B-2014240342  
(21) 2014240342 (22) 07.10.2014  
(54) System and method for expediting data transfer for a locomotive  
(51) Int. Cl.  
B61L 23/00 ( 2006.01 )  
H04L 12/28 ( 2006.01 )  
(31) 14/061,975 (32) 24.10.13 (33) US  
(43) 14.05.2015  
(44) 09.04.2020  
(72) Fanara, Mark Alan  
(74) FPA Patent Attorneys Pty Ltd

(71) Prolacta Bioscience, Inc.  
(11) AU-B-2015374053  
(21) 2015374053 (22) 30.12.2015  
(54) Methods of preventing and treating bronchopulmonary dysplasia using high fat human milk products  
(51) Int. Cl.  
A23C 13/14 ( 2006.01 )  
(87) WO2016/109659  
(31) 62/098,151 (32) 30.12.14 (33) US  
(43) 07.07.2016  
(44) 09.04.2020  
(72) Lee, Martin; Elster, Scott; Fournell, Joseph  
(74) Allens Patent & Trade Mark Attorneys

(71) Protagonist Therapeutics, Inc.  
(11) AU-B-2018260800  
(21) 2018260800 (22) 05.11.2018  
(54) Hepcidin analogues and uses thereof  
(51) Int. Cl.  
C07K 5/00 ( 2006.01 )  
A61K 38/04 ( 2006.01 )  
A61K 38/08 ( 2006.01 )  
A61K 38/10 ( 2006.01 )  
C07K 7/00 ( 2006.01 )  
C07K 16/00 ( 2006.01 )  
C07K 17/00 ( 2006.01 )  
(43) 22.11.2018  
(44) 09.04.2020  
(62) 2014232954  
(72) Smythe, Mark Leslie; Bourne, Gregory Thomas; Vink, Simone; Frederick, Brian T.; Madala, Praveen; Tofteng Shelton, Anne Pernille; Fog, Jacob Ulrik  
(74) Davies Collison Cave Pty Ltd

(71) Proteus Industries, Inc.  
(11) AU-B-2017301401  
(21) 2017301401 (22) 20.07.2017  
(54) A process for obtaining lean protein  
(51) Int. Cl.  
A23B 4/00 ( 2006.01 )  
(87) WO2018/022423  
(31) 15/217,984 (32) 23.07.16 (33) US  
(43) 01.02.2018

(44) 09.04.2020  
(72) Kelleher, Stephen D.; Fielding, William R.  
(74) Davies Collison Cave Pty Ltd

(71) Qingdao Haier Joint Stock Co., Ltd  
(11) AU-B-2017373235  
(21) 2017373235 (22) 08.12.2017  
(54) Refrigerating and freezing device  
(51) Int. Cl.  
F25D 25/02 ( 2006.01 )  
(87) WO2018/103720  
(31) 201611132067.6 (32) 09.12.16 (33) CN  
(43) 14.06.2018  
(44) 09.04.2020  
(72) Wang, Lei; Jiang, Bo; Zhang, Hao; Wang, Jing; He, Guoshun  
(74) Shelston IP Pty Ltd.

(71) Qualcomm Incorporated  
(11) AU-B-2015342365  
(21) 2015342365 (22) 02.11.2015  
(54) EMBMS session suspend/stop notification  
(51) Int. Cl.  
H04W 4/06 ( 2009.01 )  
(87) WO2016/070764  
(31) PCT/CN2014/090477 (32) 06.11.14 (33) CN  
(43) 12.05.2016  
(44) 09.04.2020  
(72) Wang, Jun; Zhu, Xipeng; Zhang, Xiaoxia; Lee, Kuo-Chun  
(74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
(11) AU-B-2016357253  
(21) 2016357253 (22) 11.11.2016  
(54) Back-to-back reference signals  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
H04B 7/06 ( 2006.01 )  
H04B 7/12 ( 2006.01 )  
H04L 1/06 ( 2006.01 )  
H04W 72/04 ( 2009.01 )  
(87) WO2017/087276  
(31) 15/231,591 (32) 08.08.16 (33) US  
62/256,555 17.11.15 US  
(43) 26.05.2017  
(44) 09.04.2020  
(72) Yang, Yang; Luo, Tao; Ang, Peter Pui Lok; Jiang, Jing  
(74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
(11) AU-B-2019200598  
(21) 2019200598 (22) 30.01.2019  
(54) CONTROL FLOW ENHANCEMENTS FOR LTE-UNLICENSED  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
H04L 27/00 ( 2006.01 )  
H04W 16/14 ( 2009.01 )  
H04W 72/04 ( 2009.01 )  
H04W 72/12 ( 2009.01 )  
H04W 74/00 ( 2009.01 )  
H04W 74/08 ( 2009.01 )  
(43) 21.02.2019

(44) 09.04.2020  
(62) 2016266823  
(72) Yerramalla, Srinivas; Luo, Tao; Damjanovic, Aleksandar; Chen, Wanshi; Gaal, Peter  
(74) Madderns Pty Ltd

(71) Raytheon Company  
(11) AU-B-2017335678  
(21) 2017335678 (22) 27.09.2017  
(54) Systems and methods for demodulation of free space optical signals without wavefront correction  
(51) Int. Cl.  
H04B 10/11 ( 2013.01 )  
H04B 10/112 ( 2013.01 )  
(87) WO2018/064139  
(31) 62/400,359 (32) 27.09.16 (33) US  
(43) 05.04.2018  
(44) 09.04.2020  
(72) Kowalewicz, Andrew; Graceffo, Gary M.; Dolgin, Benjamin P.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) RedFlow R&D Pty Ltd  
(11) AU-B-2018263991  
(21) 2018263991 (22) 12.11.2018  
(54) FLOWING ELECTROLYTE BATTERY AND METHOD OF CONTROLLING A FLOWING ELECTROLYTE BATTERY  
(51) Int. Cl.  
H01M 2/38 ( 2006.01 )  
(43) 29.11.2018  
(44) 09.04.2020  
(62) 2014289965  
(72) Winter, Alexander Rudolf  
(74) Spruson & Ferguson

(71) Red Pinnacle Limited  
(11) AU-B-2014338690  
(21) 2014338690 (22) 27.10.2014  
(54) Dietary regime for treatment of acne and other inflammatory skin conditions  
(51) Int. Cl.  
A61K 31/733 ( 2006.01 )  
A61P 17/00 ( 2006.01 )  
(87) WO2015/059561  
(31) 61/895,434 (32) 25.10.13 (33) US  
(43) 30.04.2015  
(44) 09.04.2020  
(72) Ryan, Marie Helen  
(74) Madderns Pty Ltd

(71) Regal Beloit America, Inc.  
(11) AU-B-2016201935  
(21) 2016201935 (22) 29.03.2016  
(54) Motor, controller and associated method  
(51) Int. Cl.  
H02P 1/02 ( 2006.01 )  
(31) 14/671,500 (32) 27.03.15 (33) US  
(43) 13.10.2016  
(44) 09.04.2020  
(72) WUNG, Peter Yu-Pu; O'BRIEN, Stephen Douglas; RICHARDSON, Howard Ray  
(74) Griffith Hack

Applications Accepted - Name Index cont'd

(71) Regencor, Inc.; Sanford Burnham Prebys Medical Discovery Institute  
 (11) AU-B-2016246070  
 (21) 2016246070 (22) 08.04.2016  
 (54) Epicardial-derived paracrine factors for repairing cardiac tissue  
 (51) Int. Cl.  
     **A61K 38/00** ( 2006.01 )  
     **A61K 38/16** ( 2006.01 )  
     **A61P 9/00** ( 2006.01 )  
     **A61P 9/10** ( 2006.01 )  
 (87) WO2016/164840  
 (31) 62/196,766 (32) 24.07.15 (33) US  
     62/145,480 09.04.15 US  
 (43) 13.10.2016  
 (44) 09.04.2020  
 (72) Ruiz-Lozano, Pilar; Mercola, Mark; Wei, Ke  
 (74) FPA Patent Attorneys Pty Ltd

(71) Revolver 26 Investment Corporation  
 (11) AU-B-2017281079  
 (21) 2017281079 (22) 21.06.2017  
 (54) Filter frame  
 (51) Int. Cl.  
     **F24F 13/28** ( 2006.01 )  
     **B01D 46/00** ( 2006.01 )  
     **B01D 46/12** ( 2006.01 )  
 (87) WO2017/223163  
 (31) 62/352,692 (32) 21.06.16 (33) US  
 (43) 28.12.2017  
 (44) 09.04.2020  
 (72) White, Paul; Leckelt, Lindsey; Leckelt, Dan; Merkel, Neil; Vetsch, Ryan  
 (74) Phillips Ormonde Fitzpatrick

(71) Rix, D.; Dufty, R.  
 (11) AU-B-2016281194  
 (21) 2016281194 (22) 16.06.2016  
 (54) A rolling assembly  
 (51) Int. Cl.  
     **A01B 29/00** ( 2006.01 )  
     **A01B 45/00** ( 2006.01 )  
 (87) WO2016/201509  
 (31) 2015902292 (32) 16.06.15 (33) AU  
 (43) 22.12.2016  
 (44) 09.04.2020  
 (72) Dufty, Raymond Jeffrey  
 (74) Allens Patent & Trade Mark Attorneys

(71) Roquel, A.  
 (11) AU-B-2015356865  
 (21) 2015356865 (22) 04.12.2015  
 (54) Electronic device for the near locating of a terrestrial object, and method of locating such an object  
 (51) Int. Cl.  
     **G01S 5/00** ( 2006.01 )  
     **G01S 5/02** ( 2006.01 )  
 (87) WO2016/087794  
 (31) 1461930 (32) 04.12.14 (33) FR  
     1551137 12.02.15 FR  
 (43) 09.06.2016  
 (44) 09.04.2020  
 (72) Roquel, Arnaud  
 (74) Davies Collison Cave Pty Ltd

(71) Rosemount Inc.  
 (11) AU-B-2017334594  
 (21) 2017334594 (22) 24.08.2017  
 (54) Heat flux sensor  
 (51) Int. Cl.  
     **G01K 7/16** ( 2006.01 )  
     **G01K 1/16** ( 2006.01 )  
 (87) WO2018/063609  
 (31) 15/282,760 (32) 30.09.16 (33) US  
 (43) 05.04.2018  
 (44) 09.04.2020  
 (72) Rud, Jason; Kassen, Allen  
 (74) FPA Patent Attorneys Pty Ltd

Sanford Burnham Prebys Medical Discovery Institute see Regencor, Inc.  
 (21) 2016246070

(71) Santa Catarina, M.  
 (11) AU-B-2015384263  
 (21) 2015384263 (22) 24.02.2015  
 (54) Compact, pedal-propelled boats  
 (51) Int. Cl.  
     **B63B 7/00** ( 2006.01 )  
     **B63H 16/20** ( 2006.01 )  
     **B63H 23/02** ( 2006.01 )  
 (87) WO2016/134429  
 (43) 01.09.2016  
 (44) 09.04.2020  
 (72) Santa Catarina, Mateus Frois  
 (74) Mateus Frois Santa Catarina

(71) Savant Systems, LLC  
 (11) AU-B-2016336004  
 (21) 2016336004 (22) 04.10.2016  
 (54) Home automation system device power optimization  
 (51) Int. Cl.  
     **H04L 12/28** ( 2006.01 )  
 (87) WO2017/062367  
 (31) 14/875,327 (32) 05.10.15 (33) US  
 (43) 13.04.2017  
 (44) 09.04.2020  
 (72) Silva, Michael C.; Drummond, Erick W.; Cipollo, Nicholas J.  
 (74) Phillips Ormonde Fitzpatrick

(71) SBI Media Holding SA  
 (11) AU-B-2013401453  
 (21) 2013401453 (22) 27.09.2013  
 (54) Bicycle trainer  
 (51) Int. Cl.  
     **A63B 21/00** ( 2006.01 )  
     **A63B 21/005** ( 2006.01 )  
     **A63B 22/06** ( 2006.01 )  
     **A63B 24/00** ( 2006.01 )  
     **A63B 69/16** ( 2006.01 )  
     **A63B 71/02** ( 2006.01 )  
     **A63B 71/06** ( 2006.01 )  
 (87) WO2015/043658  
 (43) 02.04.2015  
 (44) 09.04.2020  
 (72) Kalogiros, James; Yassmin, Fadi; Berlowitz, Peter  
 (74) Phillips Ormonde Fitzpatrick

(71) See-out Pty Ltd  
 (11) AU-B-2014321165  
 (21) 2014321165 (22) 26.09.2014  
 (54) Image searching method and apparatus  
 (51) Int. Cl.  
     **G06K 9/00** ( 2006.01 )  
     **G06F 17/00** ( 2006.01 )  
 (87) WO2015/035477  
 (31) 2013903476 (32) 11.09.13 (33) AU  
     2013905002 20.12.13 AU  
 (43) 19.03.2015  
 (44) 09.04.2020  
 (72) Mau, Sandra  
 (74) Davies Collison Cave Pty Ltd

(71) Segnut Pty Ltd  
 (11) AU-B-2015367298  
 (21) 2015367298 (22) 17.12.2015  
 (54) Segmented nut  
 (51) Int. Cl.  
     **F16B 37/08** ( 2006.01 )  
 (87) WO2016/094953  
 (31) 2015901217 (32) 02.04.15 (33) AU  
     2014905155 19.12.14 AU  
 (43) 23.06.2016  
 (44) 09.04.2020  
 (72) Bradshaw, Brian  
 (74) Watermark Intellectual Property Pty Ltd

(71) Seminis Vegetable Seeds, Inc.  
 (11) AU-B-2015317635  
 (21) 2015317635 (22) 17.09.2015  
 (54) Tomato plants with improved agronomic traits  
 (51) Int. Cl.  
     **C12N 15/82** ( 2006.01 )  
 (87) WO2016/044632  
 (31) 62/052,320 (32) 18.09.14 (33) US  
 (43) 24.03.2016  
 (44) 09.04.2020  
 (72) Aarden, Harriette; Bar, Ami; Van Den Bosch, Bernardus; Grit, Albert; Hotzev, Amit; Osri, Arnon; Rodriguez, Maria Fernanda; Rozier, Bram; Vecchiatti, Alberto; Wagner, Ruth  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) SEW-EURODRIVE GmbH & Co. KG  
 (11) AU-B-2017317293  
 (21) 2017317293 (22) 12.07.2017  
 (54) Method for operating a system with drives which are mechanically coupled together and with a higher-level computer, and system  
 (51) Int. Cl.  
     **H02P 5/46** ( 2006.01 )  
     **H02P 5/747** ( 2006.01 )  
 (87) WO2018/036660  
 (31) 10 2016 010 043.5 (32) 22.08.16 (33) DE  
 (43) 01.03.2018  
 (44) 09.04.2020  
 (72) Pfaff, Rainer; Brecht, Roland; Reinacher, Nico  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

**Shanghai Hightide Biopharmaceutical, Ltd. see Shenzhen Hightide Biopharmaceutical, Ltd.**  
(21) 2014403039

(71) Shanghai Chuangshi Industry Group Co., Ltd.; Hygenic Intangible Property Holding Co.

(11) AU-B-2018232917  
(21) 2018232917 (22) 02.03.2018

(54) Polymers, thermochromic agents, and/or hydrogel compositions and apparatus, including products embodying the same, and methods and processes for making same

(51) Int. Cl.  
**C08K 5/00** ( 2006.01 )  
**A61F 7/08** ( 2006.01 )  
**A61F 7/10** ( 2006.01 )

(43) 19.09.2019  
(44) 09.04.2020  
(72) Fan, Litao; You, Yong; Pan, Yunguang; He, Dongjia; Mango, Rocco  
(74) Spruson & Ferguson

(71) Shell Internationale Research Maatschappij B.V.

(11) AU-B-2017355984  
(21) 2017355984 (22) 04.10.2017

(54) Method of borehole time-lapse monitoring using seismic waves

(51) Int. Cl.  
**G01V 1/30** ( 2006.01 )  
**G01V 8/16** ( 2006.01 )

(87) WO2018/084984  
(31) 16192663.9 (32) 06.10.16 (33) EP  
(43) 11.05.2018  
(44) 09.04.2020  
(72) Mateeva, Albeno Alexandrova; Zwartjes, Paul Maarten  
(74) Spruson & Ferguson

(71) Shenzhen Hightide Biopharmaceutical, Ltd.; Shanghai Hightide Biopharmaceutical, Ltd.

(11) AU-B-2014403039  
(21) 2014403039 (22) 30.09.2014

(54) Liquid formulation compositions, medication delivery devices, and methods of preparation and use thereof

(51) Int. Cl.  
**A61K 9/08** ( 2006.01 )  
**A61J 1/05** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/74** ( 2006.01 )  
**A61M 11/00** ( 2006.01 )  
**A61P 11/12** ( 2006.01 )

(87) WO2016/019627  
(31) 201410390825.9 (32) 08.08.14 (33) CN  
201410391082.7 08.08.14 CN  
201410391083.1 08.08.14 CN  
201410391084.6 08.08.14 CN  
(43) 11.02.2016  
(44) 09.04.2020  
(72) Yu, Li; Ferguson, James Gerry  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Shinohara, Yuji; Glide Enterprise Inc.

(11) AU-B-2017271695  
(21) 2017271695 (22) 31.03.2017

(54) Wet sheet package  
(51) Int. Cl.  
**B65D 83/08** ( 2006.01 )  
**A47K 7/00** ( 2006.01 )  
**B65D 77/04** ( 2006.01 )

(87) WO2017/203838  
(31) 2016-105515 (32) 26.05.16 (33) JP  
(43) 30.11.2017  
(44) 09.04.2020  
(72) Shinohara, Yuji  
(74) Griffith Hack

(71) Shire Human Genetic Therapies, Inc.

(11) AU-B-2018202585  
(21) 2018202585 (22) 13.04.2018

(54) LIPID-DERIVED NEUTRAL NANO-PARTICLES

(51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
**G01N 33/92** ( 2006.01 )

(43) 10.05.2018  
(44) 09.04.2020  
(62) 2013237874  
(72) DeRosa, Frank; Guild, Braydon Charles; Heartlein, Michael W.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sichuan Haisco Pharmaceutical Co., Ltd.

(11) AU-B-2017325913  
(21) 2017325913 (22) 12.09.2017

(54) Fused tricyclic #-amino acid derivative, preparation method therefor, and medical use thereof

(51) Int. Cl.  
**C07C 229/28** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )

(87) WO2018/050046  
(31) 201610825611.9 (32) 14.09.16 (33) CN  
(43) 22.03.2018  
(44) 09.04.2020  
(72) Li, Yao; Shi, Zongjun; Xu, Bo  
(74) Phillips Ormonde Fitzpatrick

(71) SICPA HOLDING SA

(11) AU-B-2015314424  
(21) 2015314424 (22) 01.09.2015

(54) Banknotes having interrelated features

(51) Int. Cl.  
**B42D 25/305** ( 2014.01 )  
**B42D 25/378** ( 2014.01 )  
**G07D 7/00** ( 2006.01 )

(87) WO2016/037895  
(31) 14184057.9 (32) 09.09.14 (33) EP  
(43) 17.03.2016  
(44) 09.04.2020  
(72) Kerkar, Brahim; Amon, Philippe  
(74) Shelston IP Pty Ltd.

(71) Sigfox

(11) AU-B-2016307395  
(21) 2016307395 (22) 08.08.2016

(54) Methods for analysing frequency resources and selecting transmission frequency in a wireless communication system

(51) Int. Cl.  
**H04W 4/00** ( 2009.01 )  
**H04W 72/04** ( 2009.01 )

(87) WO2017/025686  
(31) 1557691 (32) 12.08.15 (33) FR  
(43) 16.02.2017  
(44) 09.04.2020  
(72) Antoine, Patrick; Fumat, Guillaume; Mallart, Raoul; Baills, Stéphane  
(74) Griffith Hack

(71) Silvertip Towers LLC

(11) AU-B-2016216571  
(21) 2016216571 (22) 16.08.2016

(54) Autonomous Firefighting Tower

(51) Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**A62C 31/28** ( 2006.01 )  
**A62C 37/00** ( 2006.01 )  
**A62C 99/00** ( 2010.01 )

(31) 62/245,364 (32) 23.10.15 (33) US  
15/219,069 25.07.16 US  
(43) 11.05.2017  
(44) 09.04.2020  
(72) THOMSEN, Garry Dale  
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Sirona Dental Systems GmbH; Dentsply Sirona Inc.

(11) AU-B-2019275653  
(21) 2019275653 (22) 06.12.2019

(54) METHOD FOR THE DESIGN AND MANUFACTURE OF A DENTAL COMPONENT

(51) Int. Cl.  
**A61C 13/00** ( 2006.01 )

(31) 18211405.8 (32) 10.12.18 (33) EP  
(43) 09.04.2020  
(44) 09.04.2020  
(72) Schneider, Hans-Christian; Nowarra, Oliver; Weiß, Daniel; Fornoff, Peter  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sky Motion Research, ULC

(11) AU-B-2018202333  
(21) 2018202333 (22) 03.04.2018

(54) Method and system for displaying weather information on a timeline

(51) Int. Cl.  
**G01W 1/10** ( 2006.01 )

(43) 26.04.2018  
(44) 09.04.2020  
(62) 2014247683  
(72) LeBlanc, Andre  
(74) Spruson & Ferguson

(71) Smartbow GmbH

(11) AU-B-2016275540  
(21) 2016275540 (22) 09.06.2016

Applications Accepted - Name Index cont'd

(54) Method for locating animals using radio waves  
 (51) Int. Cl.  
**G01S 5/02** ( 2006.01 )  
 (87) WO2016/197160  
 (31) A 374/2015 (32) 12.06.15 (33) AT  
 (43) 15.12.2016  
 (44) 09.04.2020  
 (72) Auer, Wolfgang; Rudic, Branislav; Pichler, Markus  
 (74) Shelston IP Pty Ltd.

(71) Smiths Medical ASD, Inc.  
 (11) AU-B-2016251551  
 (21) 2016251551 (22) 01.04.2016  
 (54) Tamper-proof connector/adaptor devices and related methods  
 (51) Int. Cl.  
**A61M 39/10** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
 (87) WO2016/171871  
 (31) 62/151,489 (32) 23.04.15 (33) US  
 (43) 27.10.2016  
 (44) 09.04.2020  
 (72) Lesser, Joseph; Darst Rice, Mark; Mangal, Sameer  
 (74) Spruson & Ferguson

(71) Smiths Medical ASD, Inc.  
 (11) AU-B-2018236693  
 (21) 2018236693 (22) 24.09.2018  
 (54) Medication safety devices and methods  
 (51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
 (43) 11.10.2018  
 (44) 09.04.2020  
 (62) 2014209383  
 (72) ADAMS, Grant; WILKOWSKA, Eric; BLOOMQUIST, Alison  
 (74) Spruson & Ferguson

(71) Snap-on Incorporated  
 (11) AU-B-2018204498  
 (21) 2018204498 (22) 21.06.2018  
 (54) Dual pawl ratchet mechanism and reversing method  
 (51) Int. Cl.  
**B25B 13/46** ( 2006.01 )  
 (31) 15/719,055 (32) 28.09.17 (33) US  
 (43) 11.04.2019  
 (44) 09.04.2020  
 (72) ROSS, David T.  
 (74) Griffith Hack

(71) Solomon, S.  
 (11) AU-B-2015370443  
 (21) 2015370443 (22) 23.07.2015  
 (54) Device and methods for delivery of stimulation to a body tissue  
 (51) Int. Cl.  
**A61N 1/18** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
**A61B 18/18** ( 2006.01 )  
**A61B 18/20** ( 2006.01 )

**A61N 5/00** ( 2006.01 )  
 (87) WO2016/103245  
 (31) 62/103,676 (32) 15.01.15 (33) US  
 62/028,433 24.07.14 US  
 (43) 30.06.2016  
 (44) 09.04.2020  
 (72) Solomon, Sasi  
 (74) PIPERS

(71) Sony Corporation  
 (11) AU-B-2018208752  
 (21) 2018208752 (22) 27.07.2018  
 (54) Device  
 (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
 (43) 16.08.2018  
 (44) 09.04.2020  
 (62) 2015298076  
 (72) TAKANO, Hiroaki  
 (74) Griffith Hack

(71) Sony Semiconductor Solutions Corporation  
 (11) AU-B-2017356366  
 (21) 2017356366 (22) 26.10.2017  
 (54) Reception device, reception method, transmission device, and transmission method  
 (51) Int. Cl.  
**H04N 21/442** ( 2011.01 )  
**H04B 1/16** ( 2006.01 )  
**H04H 20/59** ( 2008.01 )  
**H04H 60/42** ( 2008.01 )  
**H04N 21/41** ( 2011.01 )  
 (87) WO2018/088223  
 (31) 2016-218885 (32) 09.11.16 (33) JP  
 (43) 17.05.2018  
 (44) 09.04.2020  
 (72) Takahashi, Kazuyuki; Michael, Lachlan Bruce; Wilson, John Nicholas  
 (74) Griffith Hack

(71) Sorry Robots LLC  
 (11) AU-B-2017254698  
 (21) 2017254698 (22) 20.04.2017  
 (54) Grinders, analyzers, and related technologies  
 (51) Int. Cl.  
**A47J 31/00** ( 2006.01 )  
**A47J 31/42** ( 2006.01 )  
**A47J 31/44** ( 2006.01 )  
 (87) WO2017/184888  
 (31) 62/325,324 (32) 20.04.16 (33) US  
 (43) 26.10.2017  
 (44) 09.04.2020  
 (72) Rose, Samantha; Heimendinger, Scott; Streib, Tasche; Laz, John; Egan, Michael; Lester, Christian; Rose, Brian  
 (74) FB Rice Pty Ltd

(71) Spectrix Therapeutics, LLC  
 (11) AU-B-2017261225  
 (21) 2017261225 (22) 01.05.2017  
 (54) Compositions and methods of providing thyroid hormone or analogs thereof  
 (51) Int. Cl.  
**A61K 38/22** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )

**A61K 47/38** ( 2006.01 )  
 (87) WO2017/192458  
 (31) 15/583,695 (32) 01.05.17 (33) US  
 62/344,271 01.06.16 US  
 62/331,148 03.05.16 US  
 (43) 09.11.2017  
 (44) 09.04.2020  
 (72) Tengler, Mark  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Stein, D.  
 (11) AU-B-2015263796  
 (21) 2015263796 (22) 25.05.2015  
 (54) Implosion reactor tube  
 (51) Int. Cl.  
**F23G 7/00** ( 2006.01 )  
**B01J 19/24** ( 2006.01 )  
**F03H 1/00** ( 2006.01 )  
**F03H 99/00** ( 2009.01 )  
**F23G 5/00** ( 2006.01 )  
**H05H 1/24** ( 2006.01 )  
 (87) WO2015/176170  
 (31) 2,852,460 (32) 23.05.14 (33) CA  
 (43) 26.11.2015  
 (44) 09.04.2020  
 (72) Stein, Donald Joseph  
 (74) Donald Stein

(71) Suez International  
 (11) AU-B-2015298397  
 (21) 2015298397 (22) 30.07.2015  
 (54) Sequencing batch facility and method for reducing the nitrogen content in waste water  
 (51) Int. Cl.  
**C02F 3/12** ( 2006.01 )  
**C02F 3/00** ( 2006.01 )  
**C02F 3/30** ( 2006.01 )  
 (87) WO2016/020805  
 (31) 14 57700 (32) 08.08.14 (33) FR  
 (43) 11.02.2016  
 (44) 09.04.2020  
 (72) Gineset, Philippe; Graveleau Billemez, Laure  
 (74) Davies Collison Cave Pty Ltd

(71) Sulzer Chemtech AG  
 (11) AU-B-2015371658  
 (21) 2015371658 (22) 17.08.2015  
 (54) Fluid contact tray particularly for the use in an offshore fractionation column  
 (51) Int. Cl.  
**B01D 3/20** ( 2006.01 )  
**B01D 1/00** ( 2006.01 )  
**B01D 3/24** ( 2006.01 )  
 (87) WO2016/102082  
 (31) 14200178.3 (32) 23.12.14 (33) EP  
 (43) 30.06.2016  
 (44) 09.04.2020  
 (72) Shields, Stephen; Krishnamoorthy, Senthil; Duss, Markus  
 (74) WRAYS PTY LTD

(71) Sumitomo Electric Industries, Ltd.  
 (11) AU-B-2016313972  
 (21) 2016313972 (22) 23.08.2016

Applications Accepted - Name Index cont'd

(54) Electricity storage device output control device, output control method, power system, and computer program  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
*H01M 10/44* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
*H02J 3/32* ( 2006.01 )  
 (87) WO2017/038559  
 (31) 2015-169519 (32) 28.08.15 (33) JP  
 (43) 09.03.2017  
 (44) 09.04.2020  
 (72) Ishigaki, Yoshihisa  
 (74) Spruson & Ferguson

(71) Sun Patent Trust  
 (11) AU-B-2014406893  
 (21) 2014406893 (22) 26.09.2014  
 (54) Improved resource allocation for device to device (D2D) communication  
 (51) Int. Cl.  
*H04W 76/14* ( 2018.01 )  
 (87) WO2016/045094  
 (43) 31.03.2016  
 (44) 09.04.2020  
 (72) Basu Mallick, Prateek; Loehr, Joachim; Wang, Lilei; Feng, Sujuan  
 (74) FPA Patent Attorneys Pty Ltd

(71) Suntory Holdings Limited  
 (11) AU-B-2016224522  
 (21) 2016224522 (22) 25.02.2016  
 (54) CLEAR BEVERAGES CONTAINING FRUIT FLAVORINGS  
 (51) Int. Cl.  
*A23L 2/00* ( 2006.01 )  
*A23L 2/70* ( 2006.01 )  
 (87) WO2016/136868  
 (31) 2015-174756 (32) 04.09.15 (33) JP  
 2015-035827 25.02.15 JP  
 (43) 01.09.2016  
 (44) 09.04.2020  
 (72) Yasui, Yohei; Senga, Yoshinori  
 (74) Griffith Hack

(71) Surgiquest, Inc.  
 (11) AU-B-2016223265  
 (21) 2016223265 (22) 27.01.2016  
 (54) Filter cartridge with integrated gaseous seal for multimodal surgical gas delivery system  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61M 13/00* ( 2006.01 )  
 (87) WO2016/137640  
 (31) 14/628,711 (32) 23.02.15 (33) US  
 (43) 01.09.2016  
 (44) 09.04.2020  
 (72) Mastri, Dominick; Stearns, Ralph; Augelli, Michael J.; Blier, Kenneth  
 (74) FB Rice Pty Ltd

(71) Symborg, S.L.  
 (11) AU-B-2014286595  
 (21) 2014286595 (22) 08.04.2014  
 (54) *Glomus iranicum* var. *tenuiphyarum* var. *nov.* strain and use thereof as bio-nematicide

(51) Int. Cl.  
*C12N 1/14* ( 2006.01 )  
*A01N 63/30* ( 2020.01 )  
*C12R 1/645* ( 2006.01 )  
 (87) WO2015/000613  
 (31) 13174717.2 (32) 02.07.13 (33) EP  
 (43) 08.01.2015  
 (44) 09.04.2020  
 (72) Jesus, Juarez; Felix, Fernandez  
 (74) Spruson & Ferguson

(71) System Biologie AG  
 (11) AU-B-2016277326  
 (21) 2016277326 (22) 08.06.2016  
 (54) Composition for weight reduction comprising a beverage and beads  
 (51) Int. Cl.  
*A23L 2/00* ( 2006.01 )  
*A23F 3/00* ( 2006.01 )  
*A23L 2/52* ( 2006.01 )  
*A23L 29/231* ( 2016.01 )  
*A23L 29/25* ( 2016.01 )  
*A23L 29/256* ( 2016.01 )  
*A23L 29/262* ( 2016.01 )  
*A23L 29/275* ( 2016.01 )  
 (87) WO2016/198424  
 (31) 15171600.8 (32) 11.06.15 (33) EP  
 (43) 15.12.2016  
 (44) 09.04.2020  
 (72) Schmid, Juerg; Huber, Johannes  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Taiwanj Pharmaceuticals Co., Ltd.  
 (11) AU-B-2017253228  
 (21) 2017253228 (22) 20.04.2017  
 (54) Nalmefene, naltrexone or derivatives thereof for use in treating (non)-alcoholic steatohepatitis or non-alcoholic fatty liver disease  
 (51) Int. Cl.  
*A61K 31/485* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
 (87) WO2017/184819  
 (31) 62/395,436 (32) 16.09.16 (33) US  
 62/326,435 22.04.16 US  
 (43) 26.10.2017  
 (44) 09.04.2020  
 (72) Wu, Edwin S. C.; Chiu, Peter J. S.; Hsu, May Mei-chi  
 (74) Watermark Intellectual Property Pty Ltd

(71) Taizhou Yongpai Pack Equipment Co., Ltd.  
 (11) AU-B-2017380015  
 (21) 2017380015 (22) 06.11.2017  
 (54) A handheld electric packing machine  
 (51) Int. Cl.  
*B65B 67/00* ( 2006.01 )  
*B65B 13/02* ( 2006.01 )  
 (87) WO2018/113428  
 (31) 201611189161.5 (32) 21.12.16 (33) CN  
 201621405947.1 21.12.16 CN  
 (43) 28.06.2018  
 (44) 09.04.2020  
 (72) He, Yuhua; Jiang, Shuibo  
 (74) Shelston IP Pty Ltd.

(71) Tarix Pharmaceuticals Ltd.  
 (11) AU-B-2018205186  
 (21) 2018205186 (22) 13.07.2018  
 (54) ANGIOTENSIN IN TREATING BRAIN CONDITIONS  
 (51) Int. Cl.  
*C07K 5/00* ( 2006.01 )  
*A61K 31/08* ( 2006.01 )  
*A61K 38/36* ( 2006.01 )  
 (43) 02.08.2018  
 (44) 09.04.2020  
 (62) 2013327453  
 (72) Franklin, Richard  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Tata Consultancy Services Limited  
 (11) AU-B-2014250733  
 (21) 2014250733 (22) 20.10.2014  
 (54) Multi-factor authentication  
 (51) Int. Cl.  
*G06F 21/31* ( 2013.01 )  
 (31) 3602/MUM/2013 (32) 18.11.13 (33) IN  
 (43) 04.06.2015  
 (44) 09.04.2020  
 (72) THOMAS, Annie; GARG, Shalin; BOSE, Sneha; VALLAT, Sathish  
 (74) FB Rice Pty Ltd

(71) Telcon RF Pharmaceutical. Inc.  
 (11) AU-B-2017363816  
 (21) 2017363816 (22) 27.11.2017  
 (54) Multiprot cable terminal  
 (51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
*G02B 6/38* ( 2006.01 )  
 (87) WO2018/097671  
 (31) 10-2016-0159641 (32) 28.11.16 (33) KR  
 (43) 31.05.2018  
 (44) 09.04.2020  
 (72) Lim, Jin Hoon; Lee, Min Hee; Lim, Jong Hyup; Choi, Jae Kun  
 (74) Shelston IP Pty Ltd.

(71) Telcon RF Pharmaceutical. Inc.  
 (11) AU-B-2017366073  
 (21) 2017366073 (22) 27.11.2017  
 (54) Rotatable connector  
 (51) Int. Cl.  
*H01R 35/00* ( 2006.01 )  
*H01R 13/46* ( 2006.01 )  
*H01R 13/514* ( 2006.01 )  
 (87) WO2018/097672  
 (31) 10-2016-0159627 (32) 28.11.16 (33) KR  
 (43) 31.05.2018  
 (44) 09.04.2020  
 (72) Lim, Jin Hoon; Lee, Min Hee; Park, Sang Ho; Choi, Jae Kun  
 (74) Shelston IP Pty Ltd.

(71) Tendeka AS  
 (11) AU-B-2015330251  
 (21) 2015330251 (22) 29.09.2015  
 (54) Apparatus for power generation in a fluid system  
 (51) Int. Cl.

## Applications Accepted - Name Index cont'd

- E21B 41/00** ( 2006.01 )  
**(87)** WO2016/055316  
**(31)** 1417732.3 **(32)** 07.10.14 **(33)** GB  
**(43)** 14.04.2016  
**(44)** 09.04.2020  
**(72)** Hunter, John  
**(74)** FB Rice Pty Ltd
- 
- (71)** Tepha, Inc.  
**(11)** AU-B-2017204789  
**(21)** 2017204789 **(22)** 12.07.2017  
**(54)** Absorbable implants for plastic surgery  
**(51)** Int. Cl.  
**A61L 27/50** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**(43)** 27.07.2017  
**(44)** 09.04.2020  
**(62)** 2014286999  
**(72)** Felix, Fabio; Fosco, Antonio; Martin, David P.; Moses, Arikha; Vannatta, Bruce; Rizk, Said; Williams, Simon F.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Terragenic Ltd.  
**(11)** AU-B-2016227323  
**(21)** 2016227323 **(22)** 03.03.2016  
**(54)** A method for catalytically induced hydrolysis and recycling of metal borohydride solutions  
**(51)** Int. Cl.  
**C01B 6/21** ( 2006.01 )  
**(87)** WO2016/139669  
**(31)** 237950 **(32)** 26.03.15 **(33)** IL  
 237580 05.03.15 IL  
**(43)** 09.09.2016  
**(44)** 09.04.2020  
**(72)** Silberman, Alex; Cohen, Dvir; Duchovny, Yaniv  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- (71)** Terumo Corporation  
**(11)** AU-B-2017336786  
**(21)** 2017336786 **(22)** 28.09.2017  
**(54)** Polymer particles  
**(51)** Int. Cl.  
**A61L 26/00** ( 2006.01 )  
**(87)** WO2018/064390  
**(31)** 62/428,990 **(32)** 01.12.16 **(33)** US  
 62/401,091 28.09.16 US  
**(43)** 05.04.2018  
**(44)** 09.04.2020  
**(72)** Hincapie, Gloria; Wu, Xinping; Wu, Yue; Cruise, Gregory M.  
**(74)** K&L Gates
- 
- Teva Pharmaceuticals Ireland see Ivax Pharmaceuticals Ireland**  
**(21)** 2018206738
- 
- (71)** The Boeing Company  
**(11)** AU-B-2015200636  
**(21)** 2015200636 **(22)** 10.02.2015  
**(54)** Voice communication system for simulated radio networks  
**(51)** Int. Cl.  
**G06F 9/455** ( 2006.01 )  
**H04L 5/26** ( 2006.01 )  
**(31)** 14/251,569 **(32)** 12.04.14 **(33)** US  
**(43)** 29.10.2015  
**(44)** 09.04.2020  
**(72)** Van Leer, Kevin Michael; Brenneke, Matthew Jeffrey; Maschmeyer, John Ryan; Schapperle, Suzanne Jeanne  
**(74)** Spruson & Ferguson
- 
- (71)** The Boeing Company  
**(11)** AU-B-2015203328  
**(21)** 2015203328 **(22)** 17.06.2015  
**(54)** Blunt impact indicator methods  
**(51)** Int. Cl.  
**G01P 3/42** ( 2006.01 )  
**B64D 45/00** ( 2006.01 )  
**(31)** 14/337,285 **(32)** 22.07.14 **(33)** US  
**(43)** 11.02.2016  
**(44)** 09.04.2020  
**(72)** Georgeson, Gary E.; Tapia, William Joseph  
**(74)** Spruson & Ferguson
- 
- (71)** The Boeing Company  
**(11)** AU-B-2018204172  
**(21)** 2018204172 **(22)** 12.06.2018  
**(54)** Coupled fibres in composite articles  
**(51)** Int. Cl.  
**B29C 70/20** ( 2006.01 )  
**B29C 70/22** ( 2006.01 )  
**F41H 5/04** ( 2006.01 )  
**(43)** 28.06.2018  
**(44)** 09.04.2020  
**(62)** 2014360838  
**(72)** KOZAR, Michael P.; WILENSKI, Mark S.; STANLEY, Daniel C.  
**(74)** Spruson & Ferguson
- 
- (71)** The Climate Corporation  
**(11)** AU-B-2016320792  
**(21)** 2016320792 **(22)** 02.09.2016  
**(54)** Generating probabilistic estimates of rainfall rates from radar reflectivity measurements  
**(51)** Int. Cl.  
**G01S 13/00** ( 2006.01 )  
**G01S 13/95** ( 2006.01 )  
**(87)** WO2017/044391  
**(31)** 14/945,282 **(32)** 18.11.15 **(33)** US  
 62/216,426 10.09.15 US  
**(43)** 16.03.2017  
**(44)** 09.04.2020  
**(72)** Kleeman, Alexander; Lakshmanan, Valiappa; Reid, Beth  
**(74)** Ellis Terry
- 
- (71)** THE COCA-COLA COMPANY  
**(11)** AU-B-2015353486  
**(21)** 2015353486 **(22)** 25.11.2015  
**(54)** Novel diterpene glycoside, compositions and purification methods  
**(51)** Int. Cl.  
**C07H 15/24** ( 2006.01 )  
**(87)** WO2016/086097  
**(31)** 62/084,875 **(32)** 26.11.14 **(33)** US  
**(43)** 02.06.2016
- 
- (44)** 09.04.2020  
**(72)** Prakash, Indra; Bunders, Cynthia  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** The Governors of the University of Alberta  
**(11)** AU-B-2015336857  
**(21)** 2015336857 **(22)** 22.10.2015  
**(54)** Genetic encoding of chemical post-translational modification for phage-displayed libraries  
**(51)** Int. Cl.  
**C40B 50/06** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/66** ( 2006.01 )  
**C40B 30/00** ( 2006.01 )  
**C40B 40/02** ( 2006.01 )  
**C40B 40/10** ( 2006.01 )  
**(87)** WO2016/061695  
**(31)** 62/067,183 **(32)** 22.10.14 **(33)** US  
**(43)** 28.04.2016  
**(44)** 09.04.2020  
**(72)** Derda, Ratmir; Kitov, Pavel; Ng, Simon; Tjhung, Katrina Felicia; Ferrer Vinals, Daniel  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** The Johns Hopkins University  
**(11)** AU-B-2016371021  
**(21)** 2016371021 **(22)** 16.12.2016  
**(54)** Ameliorating systemic sclerosis with death receptor agonists  
**(51)** Int. Cl.  
**A61K 38/19** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2017/106627  
**(31)** 62/268,637 **(32)** 17.12.15 **(33)** US  
**(43)** 22.06.2017  
**(44)** 09.04.2020  
**(72)** Lee, Seulki; Pomper, Martin G.; Park, Jong-Sung; Oh, Yumin; Scully, Magdalena; Horton, Maureen  
**(74)** FB Rice Pty Ltd
- 
- (71)** The Research Foundation for The State University of New York  
**(11)** AU-B-2015267006  
**(21)** 2015267006 **(22)** 28.05.2015  
**(54)** Compositions and methods to promote bone formation  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/485** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**A61K 35/32** ( 2006.01 )  
**(87)** WO2015/184059  
**(31)** 62/005,359 **(32)** 30.05.14 **(33)** US  
**(43)** 03.12.2015  
**(44)** 09.04.2020  
**(72)** Thakur, Nikhil A.; Margulies, Bryan S.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** The University Court of The University of Aberdeen  
**(11)** AU-B-2018201901  
**(21)** 2018201901 **(22)** 16.03.2018

Applications Accepted - Name Index cont'd

(54) Single domain binding molecule  
 (51) Int. Cl.  
**C07K 16/44** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
 (43) 12.04.2018  
 (44) 09.04.2020  
 (62) 2013257848  
 (72) Barelle, Caroline; Muller, Mischa; Calabro, Valerie; Bikker, Jack A.; Steve, John; Tchistiakova, Lioudmila; Kovalenko, Oleg; Olland, Andrea  
 (74) FB Rice Pty Ltd

(71) Toppan Printing Co., Ltd.  
 (11) AU-B-2016317368  
 (21) 2016317368 (22) 02.09.2016  
 (54) Decorative sheet  
 (51) Int. Cl.  
**B32B 27/18** ( 2006.01 )  
**B32B 27/00** ( 2006.01 )  
**B32B 27/20** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
 (87) WO2017/038980  
 (31) 2015-174472 (32) 04.09.15 (33) JP  
 (43) 09.03.2017  
 (44) 09.04.2020  
 (72) Miyamoto, Shinichi; Nagahama, Masamitsu; Sato, Akira; Takahashi, Masatoshi  
 (74) Griffith Hack

(71) Toray Industries, Inc.  
 (11) AU-B-2015337881  
 (21) 2015337881 (22) 29.10.2015  
 (54) Method for producing sugar solution and xylooligosaccharide  
 (51) Int. Cl.  
**C12P 19/14** ( 2006.01 )  
 (87) WO2016/068223  
 (31) 2014-222968 (32) 31.10.14 (33) JP  
 (43) 06.05.2016  
 (44) 09.04.2020  
 (72) Yamada, Chiaki; Kurihara, Hiroyuki; Yamada, Katsushige  
 (74) Davies Collison Cave Pty Ltd

(71) Tornier Orthopedics Ireland Ltd.  
 (11) AU-B-2018229516  
 (21) 2018229516 (22) 13.09.2018  
 (54) System for reverse shoulder implants  
 (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
 (43) 04.10.2018  
 (44) 09.04.2020  
 (62) 2016273961  
 (72) Deransart, Pierrick; Gaborit, Vincent; Maroney, Brian; Hodorek, Brian C.; Gargac, Shawn; Boileau, Pascal; Walch, Gilles; Favard, Luc; Clavert, Philippe; Sirveaux, Francois; Kelly, James; Krishnan, Sumant; Mole, Dniel; Comte, Cedric; Rundstadler, Eric; Mondy, Francois; Chuinard, Christopher R.; Edwards, Thomas Bradley  
 (74) FPA Patent Attorneys Pty Ltd

(71) Total SA  
 (11) AU-B-2016428083

(21) 2016428083 (22) 27.10.2016  
 (54) Catalytic conversion of DSO in presence of water  
 (51) Int. Cl.  
**C01B 17/16** ( 2006.01 )  
**C07C 1/32** ( 2006.01 )  
**C10L 3/10** ( 2006.01 )  
 (87) WO2018/078410  
 (43) 03.05.2018  
 (44) 09.04.2020  
 (72) Leroi, Catherine; Weiss, Claire; Cadours, Renaud; Cammarano, Claudia; Hulea, Vasile  
 (74) Spruson & Ferguson

(71) Transgene SA  
 (11) AU-B-2015357225  
 (21) 2015357225 (22) 01.12.2015  
 (54) Stable liquid vaccinia virus formulations  
 (51) Int. Cl.  
**A61K 39/275** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
 (87) WO2016/087457  
 (31) 14306930.0 (32) 01.12.14 (33) EP  
 (43) 09.06.2016  
 (44) 09.04.2020  
 (72) Chasle, Melina  
 (74) Davies Collison Cave Pty Ltd

(71) UBE Industries, Ltd.  
 (11) AU-B-2015337607  
 (21) 2015337607 (22) 30.10.2015  
 (54) Substituted dihydropyrrlopyrazole compound  
 (51) Int. Cl.  
**C07F 7/10** ( 2006.01 )  
**A61K 31/695** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2016/068287  
 (31) 2014-223221 (32) 31.10.14 (33) JP  
 (43) 06.05.2016  
 (44) 09.04.2020  
 (72) Aga, Yasuhiro; Ushiyama, Shigeru; Iwase, Noriaki; Kono, Shigeyuki; Sunamoto, Hidetoshi; Matsushita, Takashi; Ogi, Sayaka; Tanaka, Masayuki; Matoyama, Masaaki; Umezaki, Satoshi; Shiraishi, Yusuke; Onuma, Kazuhiro; Kojima, Masahiro; Nishiyama, Hayato; Kimura, Tomio  
 (74) Phillips Ormonde Fitzpatrick

Unigen, Inc. see Unigen, Inc.  
 (21) 2018203795

(71) Unigen, Inc.; Unigen, Inc.  
 (11) AU-B-2018203795  
 (21) 2018203795 (22) 30.05.2018  
 (54) COMPOSITIONS AND METHODS FOR MANAGING OR IMPROVING BONE DISORDERS, CARTILAGE DISORDERS, OR BOTH  
 (51) Int. Cl.  
**A61K 36/605** ( 2006.01 )

**A61K 31/352** ( 2006.01 )  
**A61K 31/7034** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
 (43) 21.06.2018  
 (44) 09.04.2020  
 (62) 2015277265  
 (72) Brownell, Lidia Alfaro; Chu, Min; Hong, Mei-Feng; Hyun, Eu-Jin; Jia, Qi; Jiao, Ping; Kim, Hyun-Jin; Kim, Tae-Woo; Lee, Young-Chul; Nam, Jeong-Bum; Yimam, Mesfin; Kim, Mi-Ran  
 (74) Spruson & Ferguson

(71) Unilever PLC  
 (11) AU-B-2018219383  
 (21) 2018219383 (22) 22.01.2018  
 (54) Edible concentrate comprising microfibrillated cellulose  
 (51) Int. Cl.  
**A23L 29/262** ( 2016.01 )  
**A23L 23/10** ( 2016.01 )  
 (87) WO2018/145886  
 (31) 17155323.3 (32) 09.02.17 (33) EP  
 (43) 16.08.2018  
 (44) 09.04.2020  
 (72) Suijker, Michael Jacobus; Velikov, Krassimir Petkov; Voudouris, Panayiotis  
 (74) Davies Collison Cave Pty Ltd

(71) Universita' Degli Studi di Firenze  
 (11) AU-B-2016332948  
 (21) 2016332948 (22) 22.07.2016  
 (54) Synthetic-aperture interferometric radar with an antenna sliding along a rotating arm  
 (51) Int. Cl.  
**G01S 13/90** ( 2006.01 )  
 (87) WO2017/055901  
 (31) 102015000038489 (32) 27.07.15 (33) IT  
 (43) 06.04.2017  
 (44) 09.04.2020  
 (72) Pieraccini, Massimiliano  
 (74) Spruson & Ferguson

Universiteit Gent see Katholieke Universiteit Leuven, K.U.Leuven R&D  
 (21) 2014310564

(71) Vanderbilt University  
 (11) AU-B-2015346054  
 (21) 2015346054 (22) 13.11.2015  
 (54) Device and method for hemorrhage detection and guided resuscitation and applications of same  
 (51) Int. Cl.  
**A61B 5/02** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
 (87) WO2016/077765  
 (31) 14/853,504 (32) 14.09.15 (33) US  
 62/079,367 13.11.14 US  
 (43) 19.05.2016  
 (44) 09.04.2020  
 (72) Eagle, Susan; Brophy, Colleen; Hocking, Kyle; Baudenbacher, Franz; Boyer, Richard  
 (74) Spruson & Ferguson



Applications Accepted - Name Index cont'd

(71) Vaximm GmbH  
 (11) AU-B-2014365900  
 (21) 2014365900 (22) 17.12.2014  
 (54) Novel MSLN targeting DNA vaccine for cancer immunotherapy  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
 (87) WO2015/090584  
 (31) 13 005 896.9 (32) 18.12.13 (33) EP  
 (43) 25.06.2015  
 (44) 09.04.2020  
 (72) Springer, Marco; Lubenau, Heinz  
 (74) Phillips Ormonde Fitzpatrick

(71) VEMAG Maschinenbau GmbH  
 (11) AU-B-2016201518  
 (21) 2016201518 (22) 09.03.2016  
 (54) System for forming and conveying of food products made of a pasty mass  
 (51) Int. Cl.  
**B65G 41/00** ( 2006.01 )  
**A21C 11/10** ( 2006.01 )  
**A22C 7/00** ( 2006.01 )  
**B26D 7/32** ( 2006.01 )  
 (31) 102015103423.9 (32) 09.03.15 (33) DE  
 (43) 29.09.2016  
 (44) 09.04.2020  
 (72) Rathmann, Niclas; Hollmann, Christopher; Flammann, Uwe  
 (74) Spruson & Ferguson

(71) Vertex Pharmaceuticals Incorporated  
 (11) AU-B-2018236800  
 (21) 2018236800 (22) 27.09.2018  
 (54) DNA-PK inhibitors  
 (51) Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 491/052** ( 2006.01 )  
 (43) 25.10.2018  
 (44) 09.04.2020  
 (62) 2014244555  
 (72) MAXWELL, John Patrick; CHARIFSON, Paul S.; TANG, Qing; RONKIN, Steven M.; JACKSON, Katrina Lee; PIERCE, Albert Charles; LAUFFER, David J.; LI, Pan; GIROUX, Simon; XU, Jinwang; COTTRELL, Kevin M.; MORRIS, Mark A.; WAAL, Nathan D.; COURT, John J.; GU, Wenxin; DENG, Hongbo  
 (74) Baldwins Intellectual Property

(71) Vetco Gray Scandinavia AS  
 (11) AU-B-2016259718  
 (21) 2016259718 (22) 09.05.2016  
 (54) A control system for controlling a subsea gas compression system  
 (51) Int. Cl.  
**F04D 25/06** ( 2006.01 )  
**F04D 27/02** ( 2006.01 )  
 (87) WO2016/180763  
 (31) 20150611 (32) 14.05.15 (33) NO  
 (43) 17.11.2016

(44) 09.04.2020  
 (72) Chambhare, Sudhir  
 (74) Phillips Ormonde Fitzpatrick

---

VIB vzw see Katholieke Universiteit Leuven, K.U.Leuven R&D  
 (21) 2014310564

(71) Victaulic Company  
 (11) AU-B-2015334072  
 (21) 2015334072 (22) 11.08.2015  
 (54) Roller set and pipe elements  
 (51) Int. Cl.  
**B21D 17/04** ( 2006.01 )  
 (87) WO2016/060732  
 (31) 14/512,580 (32) 13.10.14 (33) US  
 (43) 21.04.2016  
 (44) 09.04.2020  
 (72) Dole, Douglas R.  
 (74) Spruson & Ferguson

(71) Viper Innovations Ltd  
 (11) AU-B-2018202244  
 (21) 2018202244 (22) 29.03.2018  
 (54) Environmental protection  
 (51) Int. Cl.  
**H01R 13/523** ( 2006.01 )  
**H01R 11/00** ( 2006.01 )  
**H01R 12/00** ( 2006.01 )  
**H01R 13/00** ( 2006.01 )  
 (43) 26.04.2018  
 (44) 09.04.2020  
 (62) 2017200477  
 (72) HARRIS, Matthew; SIMPSON, Steve; DOUGLAS, Neil  
 (74) FB Rice Pty Ltd

(71) Visa International Service Association  
 (11) AU-B-2018256469  
 (21) 2018256469 (22) 29.10.2018  
 (54) AUTHENTICATION USING APPLICATION AUTHENTICATION ELEMENT  
 (51) Int. Cl.  
**H04L 9/00** ( 2006.01 )  
**G06Q 20/40** ( 2012.01 )  
 (43) 22.11.2018  
 (44) 09.04.2020  
 (62) 2016277629  
 (72) Wilson, Dave William; Bourdillon, John Francis Benedict; Aabye, Christian  
 (74) Phillips Ormonde Fitzpatrick

(71) VLP Therapeutics, LLC  
 (11) AU-B-2014288147  
 (21) 2014288147 (22) 11.07.2014  
 (54) Virus like particle comprising PD-1 antigen or PD-1 ligand antigen  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
 (87) WO2015/095500  
 (31) 61/845,712 (32) 12.07.13 (33) US  
 (43) 15.01.2015  
 (44) 09.04.2020  
 (72) Akahata, Wataru; Ueno, Ryuji  
 (74) Davies Collison Cave Pty Ltd

(71) Wing Aviation LLC  
 (11) AU-B-2017324649  
 (21) 2017324649 (22) 28.08.2017  
 (54) Methods and systems for raising and lowering a payload  
 (51) Int. Cl.  
**B64D 1/22** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
 (87) WO2018/048659  
 (31) 62/385,854 (32) 09.09.16 (33) US  
 15/389,326 22.12.16 US  
 (43) 15.03.2018  
 (44) 09.04.2020  
 (72) Shannon, Trevor; Prager, Andre  
 (74) Spruson & Ferguson

(71) WIRTH RESEARCH LIMITED  
 (11) AU-B-2018202860  
 (21) 2018202860 (22) 26.04.2018  
 (54) An open refrigerated display case and a flow stabilising device  
 (51) Int. Cl.  
**A47F 3/04** ( 2006.01 )  
**F25D 17/08** ( 2006.01 )  
**F25D 25/02** ( 2006.01 )  
 (43) 17.05.2018  
 (44) 09.04.2020  
 (62) 2015278917  
 (72) WIRTH, Nicholas J.P.  
 (74) AJ PARK

(71) Wu, Z.  
 (11) AU-B-2017333180  
 (21) 2017333180 (22) 19.05.2017  
 (54) Straight cylinder type floating platform with extension cylinder body, and swim ring type buoy group  
 (51) Int. Cl.  
**B63B 35/44** ( 2006.01 )  
 (87) WO2018/058975  
 (31) 201610867431.7 (32) 30.09.16 (33) CN  
 (43) 05.04.2018  
 (44) 09.04.2020  
 (72) Wu, Zhirong  
 (74) FB Rice Pty Ltd

(71) Xsens AS  
 (11) AU-B-2014372846  
 (21) 2014372846 (22) 29.12.2014  
 (54) Sensor apparatus and method for measuring flow  
 (51) Int. Cl.  
**G01F 1/66** ( 2006.01 )  
**G01F 1/74** ( 2006.01 )  
**G01N 29/22** ( 2006.01 )  
**G01N 29/24** ( 2006.01 )  
 (87) WO2015/096901  
 (31) 1323076.8 (32) 27.12.13 (33) GB  
 (43) 02.07.2015  
 (44) 09.04.2020  
 (72) Hellevang, Jon Oddvar; Froyso, Kjell Eivind; Daae-Lohne, Kjetil; Husebo, Magne; Kippersund, Remi Andre; Lunde, Per; Thomas, Peter  
 (74) CHILIAD CONSULTING PTY LTD

Applications Accepted - Name Index cont'd

(71) XTPL S.A.  
 (11) AU-B-2017238313  
 (21) 2017238313 (22) 21.03.2017  
 (54) Bottom-up method for forming wire structures upon a substrate  
 (51) Int. Cl.  
     H01L 29/06 ( 2006.01 )  
     B81C 1/00 ( 2006.01 )  
     B82B 3/00 ( 2006.01 )  
     B82Y 40/00 ( 2011.01 )  
 (87) WO2017/162696  
 (31) 1604818.3 (32) 22.03.16 (33) GB  
 (43) 28.09.2017  
 (44) 09.04.2020  
 (72) Granek, Filip; Rozynek, Zbigniew  
 (74) FPA Patent Attorneys Pty Ltd

Xuzhou Zhonan Science & Technology Co., Ltd  
 see China University of Mining and Technology  
 (21) 2017403550

(71) Yang, T.  
 (11) AU-B-2018264001  
 (21) 2018264001 (22) 13.11.2018  
 (54) Heat-dissipating structure having embedded support tube to form internally recycling heat transfer fluid and application apparatus  
 (51) Int. Cl.  
     F03G 4/00 ( 2006.01 )  
     F28D 1/047 ( 2006.01 )  
     F28D 1/053 ( 2006.01 )  
     F28F 1/14 ( 2006.01 )  
 (43) 06.12.2018  
 (44) 09.04.2020  
 (62) 2014203481  
 (72) Yang, Tai-Her  
 (74) Davies Collison Cave Pty Ltd

(71) Yara International ASA  
 (11) AU-B-2016289420  
 (21) 2016289420 (22) 04.07.2016  
 (54) Method for the manufacture of a urea-based particulate material containing elemental sulphur  
 (51) Int. Cl.  
     C05C 9/00 ( 2006.01 )  
     A23K 20/20 ( 2016.01 )  
 (87) WO2017/005695  
 (31) 20150886 (32) 07.07.15 (33) NO  
 (43) 12.01.2017  
 (44) 09.04.2020  
 (72) Ledoux, Francois; Colpaert, Filip  
 (74) WRAYS PTY LTD

(71) YEH, K.  
 (11) AU-B-2019203825  
 (21) 2019203825 (22) 31.05.2019  
 (54) LADDER HINGE WITH DUAL LOCK-PINS  
 (51) Int. Cl.  
     E06C 7/06 ( 2006.01 )  
     E06C 7/50 ( 2006.01 )  
 (31) 107208172 (32) 14.06.18 (33) TW  
 (43) 16.01.2020

(44) 09.04.2020  
 (72) YEH, Kang-Shuo  
 (74) Wallington-Dummer

(71) YETI Coolers, LLC  
 (11) AU-B-2017254558  
 (21) 2017254558 (22) 19.04.2017  
 (54) Spigot and spigot guard for an insulating container  
 (51) Int. Cl.  
     B65D 81/38 ( 2006.01 )  
     B67D 3/04 ( 2006.01 )  
 (87) WO2017/184687  
 (31) 15/133,393 (32) 20.04.16 (33) US  
     15/296,557 18.10.16 US  
 (43) 26.10.2017  
 (44) 09.04.2020  
 (72) Sonntag, James William; Keller, Christopher M.; Nichols, Steve Charles; Seiders, Roy Joseph; Bell, David J.  
 (74) Davies Collison Cave Pty Ltd

(71) Yoo's Biopharm Inc.  
 (11) AU-B-2018218696  
 (21) 2018218696 (22) 09.02.2018  
 (54) COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF VISUAL IMPAIRMENTS COMPRISING URSO-DEOXYCHOLIC ACID  
 (51) Int. Cl.  
     A61K 31/575 ( 2006.01 )  
     A61K 9/00 ( 2006.01 )  
     A61K 9/08 ( 2006.01 )  
     A61K 31/718 ( 2006.01 )  
     A61K 45/06 ( 2006.01 )  
 (87) WO2018/147685  
 (31) 10-2017-0018220 (32) 09.02.17 (33) KR  
     10-2018-0015944 08.02.18 KR  
 (43) 16.08.2018  
 (44) 09.04.2020  
 (72) Song, Yeong Ho; Ko, Hwi Jin  
 (74) Phillips Ormonde Fitzpatrick

(71) Zhu, A.  
 (11) AU-B-2015350258  
 (21) 2015350258 (22) 13.11.2015  
 (54) Elastic clip and assembled fence including the same  
 (51) Int. Cl.  
     E04H 17/14 ( 2006.01 )  
 (87) WO2016/081317  
 (31) PCT/ CN2014/001026 (32) 18.11.14 (33) CN  
     14/578,103 19.12.14 US  
 (43) 26.05.2016  
 (44) 09.04.2020  
 (72) Zhu, Alan Qing-Lin  
 (74) Spruson & Ferguson

(71) Zimmer Biomet CMF and Thoracic, LLC  
 (11) AU-B-2017393185  
 (21) 2017393185 (22) 17.11.2017  
 (54) Adjustable rib and sternal implant  
 (51) Int. Cl.  
     A61B 17/80 ( 2006.01 )  
 (87) WO2018/132179  
 (31) 15/403,972 (32) 11.01.17 (33) US

(43) 19.07.2018  
 (44) 09.04.2020  
 (72) Frank, Zachary; Vaghela, Anish; Sidwell, Scott; Luby, Ryan; Icke, Kyle  
 (74) Phillips Ormonde Fitzpatrick

(71) ZZ Biotech LLC  
 (11) AU-B-2014391082  
 (21) 2014391082 (22) 29.10.2014  
 (54) Treatment of abnormal cutaneous scarring  
 (51) Int. Cl.  
     A61K 38/48 ( 2006.01 )  
     A61P 17/02 ( 2006.01 )  
 (87) WO2015/157791  
 (31) 2014901397 (32) 16.04.14 (33) AU  
 (43) 22.10.2015  
 (44) 09.04.2020  
 (72) Jackson, Christopher John; Xue, Meilang  
 (74) FPA Patent Attorneys Pty Ltd

Numerical Index

<b>2013263803</b>	NOWWW.US PTY LIMITED	<b>2015298346</b>	Mainstay Medical Limited
<b>2013401453</b>	SBI Media Holding SA	<b>2015298397</b>	Suez International
<b>2013402190</b>	Facebook, Inc.	<b>2015300228</b>	Ido, K.; Ido, Y.
<b>2014227711</b>	Coramed Technologies, LLC	<b>2015300905</b>	Amenity Health, Inc.
<b>2014229563</b>	Institutio Catalana de Recerca i Estudis Avancats; Fundacio Institut de Recerca Biomedica (IRB Barcelona)	<b>2015303835</b>	Monash University
<b>2014240342</b>	Progress Rail Locomotive Inc.	<b>2015307169</b>	Covidien LP
<b>2014250733</b>	Tata Consultancy Services Limited	<b>2015308757</b>	ESCO Group LLC
<b>2014269927</b>	Evogene Ltd.	<b>2015309862</b>	Eisai R&D Management Co., Ltd.
<b>2014274135</b>	Genomic Health, Inc.	<b>2015313647</b>	National University Corporation Kobe University
<b>2014279065</b>	Kyoto University; Astellas Pharma Inc.	<b>2015314424</b>	SICPA HOLDING SA
<b>2014286296</b>	Bayer CropScience NV; Bayer CropScience LP	<b>2015315132</b>	Ariagen, Inc.
<b>2014286595</b>	Symborg, S.L.	<b>2015316472</b>	Chronos Therapeutics Limited
<b>2014288147</b>	VLP Therapeutics, LLC	<b>2015317635</b>	Seminis Vegetable Seeds, Inc.
<b>2014292288</b>	Chr. Hansen A/S	<b>2015317851</b>	Hollister Incorporated
<b>2014310564</b>	Katholieke Universiteit Leuven, K.U.Leuven R&D; VIB vzw; Universiteit Gent	<b>2015318815</b>	Planex Design Pty Ltd
<b>2014313779</b>	Chemical & Biopharmaceutical Laboratories of Patras S.A.	<b>2015324390</b>	MJN U.S. Holdings LLC
<b>2014321165</b>	See-out Pty Ltd	<b>2015330251</b>	Tendeka AS
<b>2014338690</b>	Red Pinnacle Limited	<b>2015332008</b>	Omega Life Science Ltd.
<b>2014339984</b>	AstraZeneca AB	<b>2015332594</b>	Creo Medical Limited
<b>2014343214</b>	BioLineRx Ltd.; Biokine Therapeutics Ltd.	<b>2015334072</b>	Victaulic Company
<b>2014354859</b>	Lubris LLC	<b>2015336857</b>	The Governors of the University of Alberta
<b>2014365900</b>	Vaximm GmbH	<b>2015336949</b>	National ICT Australia Limited
<b>2014372846</b>	Xsens AS	<b>2015337607</b>	UBE Industries, Ltd.
<b>2014391082</b>	ZZ Biotech LLC	<b>2015337881</b>	Toray Industries, Inc.
<b>2014397042</b>	Chugai Seiyaku Kabushiki Kaisha	<b>2015339146</b>	Chevron U.S.A. Inc.
<b>2014401665</b>	Connec Limited	<b>2015340498</b>	CorTec GmbH
<b>2014403039</b>	Shenzhen Hightide Biopharmaceutical, Ltd.; Shagnhai Hightide Biopharmaceutical, Ltd.	<b>2015342365</b>	Qualcomm Incorporated
<b>2014403368</b>	PK Clean Technologies, Inc.	<b>2015346054</b>	Vanderbilt University
<b>2014406893</b>	Sun Patent Trust	<b>2015350258</b>	Zhu, A.
<b>2014414316</b>	Cellix Bio Private Limited	<b>2015353486</b>	THE COCA-COLA COMPANY
<b>2015200636</b>	The Boeing Company	<b>2015355087</b>	Amgen Inc.
<b>2015201786</b>	PGS Geophysical AS	<b>2015356587</b>	Professional Dietetics S.p.A.
<b>2015203328</b>	The Boeing Company	<b>2015356865</b>	Roquel, A.
<b>2015210612</b>	biOasis Technologies, Inc.	<b>2015357225</b>	Transgene SA
<b>2015211034</b>	Genus Oncology, LLC.; Dana-Farber Cancer Institute, Inc.	<b>2015360753</b>	Alex and Ani, LLC
<b>2015215044</b>	Galapagos NV	<b>2015367298</b>	Segnut Pty Ltd
<b>2015216751</b>	Adrok Limited	<b>2015370307</b>	iRobot Corporation
<b>2015217142</b>	7 Hills Interests, LLC	<b>2015370443</b>	Solomon, S.
<b>2015220913</b>	Indena S.p.A.	<b>2015371230</b>	Dow Global Technologies LLC
<b>2015223287</b>	Ab Initio Technology LLC	<b>2015371656</b>	Gant Innovations Limited
<b>2015229189</b>	Bracco Diagnostics Inc.	<b>2015371658</b>	Sulzer Chemtech AG
<b>2015231164</b>	Dana-Farber Cancer Institute, Inc.	<b>2015371822</b>	National Institute of Biological Sciences, Beijing
<b>2015253040</b>	Celgene Quanticel Research, Inc.	<b>2015374004</b>	Corning Incorporated
<b>2015255653</b>	Chen, Y.; Chen, S.	<b>2015374053</b>	Prolacta Bioscience, Inc.
<b>2015258452</b>	kocher-plastik Maschinenbau GmbH	<b>2015381089</b>	Fuji Seiko Co., Ltd.; Fuji Shoji Co., Ltd.
<b>2015258947</b>	Insmed Incorporated	<b>2015384263</b>	Santa Catarina, M.
<b>2015259020</b>	Abbott Diabetes Care Inc.	<b>2015393961</b>	kocher-plastik Maschinenbau GmbH
<b>2015261858</b>	Digital Smile GmbH	<b>2015395860</b>	Hosokawa Yoko Co., Ltd.
<b>2015261880</b>	Philip Morris Products S.A.	<b>2015399642</b>	Chongqing Dikang Erle Pharma Co. Ltd.
<b>2015263796</b>	Stein, D.	<b>2015401841</b>	NKT HV Cables AB
<b>2015265620</b>	Entasis Therapeutics Limited	<b>2015403463</b>	Nanophase Technologies Corporation
<b>2015265872</b>	AbbVie Deutschland GmbH & Co. KG	<b>2015409271</b>	Halliburton Energy Services, Inc.
<b>2015266697</b>	Mayser, LLC	<b>2016201518</b>	VEMAG Maschinenbau GmbH
<b>2015267006</b>	The Research Foundation for The State University of New York	<b>2016201738</b>	DePuy Synthes Products, Inc.
<b>2015267020</b>	DTIL Ireland Holdings Limited; Beckman Coulter, Inc.	<b>2016201935</b>	Regal Beloit America, Inc.
<b>2015268960</b>	Diamyd Medical AB	<b>2016204186</b>	ABUS August Bremicker Söhne KG
<b>2015271726</b>	Microsoft Technology Licensing, LLC	<b>2016204382</b>	Donmark Holdings Inc.
<b>2015281448</b>	Contera Pharma APS	<b>2016208652</b>	Eurofilters N.V.
<b>2015282414</b>	DPS Bristol (Holdings) Limited	<b>2016212046</b>	Knauf Insulation
<b>2015292278</b>	Oculeve, Inc.	<b>2016212348</b>	Casale SA
<b>2015293654</b>	Intelligent Fingerprinting Limited	<b>2016214370</b>	EMPA Eidgenossische Materialprüfungs- und Forschungsanstalt
<b>2015294568</b>	ArthroCare Corporation	<b>2016216571</b>	Silvertip Towers LLC
<b>2015295405</b>	Nuevolution A/S	<b>2016218274</b>	Honeywell International Inc.
<b>2015298146</b>	Microsoft Technology Licensing, LLC	<b>2016219852</b>	Kimberly-Clark Worldwide, Inc.
		<b>2016223265</b>	Surgiquest, Inc.
		<b>2016223308</b>	Jervis B. Webb International Company; Daifuku Co., Ltd.
		<b>2016224522</b>	Suntory Holdings Limited

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2016226067	Equalaire Systems, Inc.	2017254558	YETI Coolers, LLC
2016226233	Fritel & Associates, LLC	2017254698	Sorry Robots LLC
2016227323	Terragenic Ltd.	2017255540	3M Innovative Properties Company
2016231780	Equashield Medical Ltd.	2017259119	Covidien LP
2016231951	Heptares Therapeutics Limited	2017261222	Cardiac Pacemakers, Inc.
2016232161	Linde Aktiengesellschaft	2017261225	Spectrix Therapeutics, LLC
2016236461	Bayer CropScience Aktiengesellschaft	2017263706	LG Electronics Inc.
2016242839	Dow Global Technologies LLC	2017264304	Bobst Mex SA
2016243544	CareFusion 303, Inc.	2017271261	Aboca S.p.A. Società Agricola
2016243552	Armstrong World Industries, Inc.	2017271695	Shinohara, Yuji; Glide Enterprise Inc.
2016246070	Regencor, Inc.; Sanford Burnham Prebys Medical Discovery Institute	2017273353	Becton, Dickinson and Company
2016251551	Smiths Medical ASD, Inc.	2017273520	AccuWeather, Inc.
2016251951	Copma S.c.a.r.l.	2017277572	Motorola Solutions, Inc.
2016254508	CLINIVAC LTD	2017281079	Revolver 26 Investment Corporation
2016256246	20 Emma 20 S.L.; Hegain 2100 Consulting S.L.	2017281564	Inventio AG
2016258449	Automated Packaging Systems, Inc.	2017281902	3M Innovative Properties Company
2016259718	Vetco Gray Scandinavia AS	2017284726	FarmHannong Co., Ltd.
2016259723	PPT IP AG	2017286888	Greeneden U.S. Holdings II, LLC
2016260332	Calysta, Inc.	2017287746	Glaceum, Inc.
2016261265	Morgan Tecnica S.p.A.	2017291444	Balltec Limited
2016261573	Khevenhüller Metsch, J.	2017294448	F. Hoffmann-La Roche AG
2016265344	Hilti Aktiengesellschaft	2017297399	GSK Consumer Healthcare S.A.
2016265685	C.R. Bard, Inc.	2017298699	Dongguan Prestige Sporting Products Co., Ltd.
2016275540	Smartbow GmbH	2017301401	Proteus Industries, Inc.
2016277326	System Biologie AG	2017303227	Fischer, F.
2016277834	8 Rivers Capital, LLC	2017307087	Dongguan Jiasheng Enterprise Co., Ltd.
2016281194	Rix, D.; Dufty, R.	2017307893	LG Electronics Inc.
2016282355	Novozymes A/S	2017308688	Huawei Technologies Co., Ltd.
2016283557	Alteogen, Inc.	2017308724	Eli Lilly And Company
2016287017	Electrolux Appliances Aktiebolag	2017309292	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2016289420	Yara International ASA	2017309925	Huawei Technologies Co., Ltd.
2016291228	Insmed Incorporated	2017315762	Ouster, Inc.
2016293601	Inscape Data, Inc.	2017317293	SEW-EURODRIVE GmbH & Co. KG
2016307048	Henkel AG and Co. KGaA	2017318589	MASTERCARD INTERNATIONAL INCORPORATED
2016307124	Henkel AG & Co. KGaA	2017324649	Wing Aviation LLC
2016307199	Nicira, Inc.	2017324927	Boston Scientific Neuromodulation Corporation
2016307395	Sigfox	2017325116	Englund, M.
2016313972	Sumitomo Electric Industries, Ltd.	2017325356	Kortek Corporation
2016315932	8 Rivers Capital, LLC	2017325913	Sichuan Haisco Pharmaceutical Co., Ltd.
2016317368	Toppan Printing Co., Ltd.	2017328905	Mexichem Fluor S.A. de C.V.
2016317850	Bendix Spicer Foundation Brake LLC	2017328907	Mexichem Fluor S.A. de C.V.
2016320792	The Climate Cooperation	2017328909	Mexichem Fluor S.A. de C.V.
2016325294	Akzo Nobel Coatings International B.V.	2017328910	Mexichem Fluor S.A. de C.V.
2016325733	Biocon Limited	2017330375	Genesys Telecommunications Laboratories, Inc.
2016332948	Universita' Degli Studi di Firenze	2017331591	Encore Vision, Inc.
2016336004	Savant Systems, LLC	2017333180	Wu, Z.
2016340028	Parking Innovations Limited	2017334059	Nokia Technologies Oy
2016348818	Outotec (Finland) Oy	2017334594	Rosemount Inc.
2016353326	Paxis LLC	2017335678	Raytheon Company
2016357253	Qualcomm Incorporated	2017336786	Terumo Corporation
2016366133	CHOIROCK CONTENTS FACTORY CO., LTD.	2017338057	JFE Steel Corporation
2016370548	DownUnder GeoSolutions Pty Ltd	2017338749	Boston Scientific Scimed, Inc.
2016371021	The Johns Hopkins University	2017346661	Ensco International Incorporated
2016371466	Biokine Therapeutics Ltd.	2017351183	Eli Lilly and Company
2016374661	ICSIP Pty Ltd	2017355984	Shell Internationale Research Maatschappij B.V.
2016425823	Hewlett-Packard Development Company, L.P.	2017356366	Sony Semiconductor Solutions Corporation
2016428083	Total SA	2017363816	Telcon RF Pharmaceutical. Inc.
2016429776	New York Air Brake, LLC	2017364745	Alibaba Group Holding Limited
2016433750	Hill's Pet Nutrition, Inc.	2017366073	Telcon RF Pharmaceutical. Inc.
2017204789	Tepha, Inc.	2017373235	Qingdao Haier Joint Stock Co., Ltd
2017224039	Metalogenia Research & Technologies S.L.	2017378061	Eli Lilly and Company
2017234428	Apple Inc.	2017380015	Taizhou Yongpai Pack Equipment Co., Ltd.
2017235346	Avexxin AS	2017380373	Nanjing Chervon Industry Co., Ltd.
2017238313	XTPL S.A.	2017387024	Cardiac Pacemakers, Inc.
2017240788	Kite Pharma, Inc.; Amgen Inc.	2017393185	Zimmer Biomet CMF and Thoracic, LLC
2017246899	Illumina, Inc.	2017394444	Beijing Dongfang Biotech Co., Ltd.
2017248476	Exosome Diagnostics, Inc.	2017395127	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017248989	Illinois Tool Works Inc.	2017403550	China University of Mining and Technology; Xuzhou Zhon-an Science & Technology Co., Ltd
2017249427	Felker, T.S.	2017427589	New York Air Brake, LLC
2017253228	Taiwanj Pharmaceuticals Co., Ltd.		
2017254028	Chengdu Qianjia Technology Co., Ltd		

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2018200403	Lindsey Manufacturing Company	2018296527	Deutsches Krebsforschungszentrum
2018200888	Adaptive Spectrum and Signal Alignment, Inc.	2018317824	Hair Group, LLC
2018201210	Memorial Sloan Kettering Cancer Center	2018348327	Alibaba Group Holding Limited
2018201273	BRISTOL-MYERS SQUIBB COMPANY	2018393122	Foshan City Meiwanbang Technology Co., Ltd
2018201337	Arkema Inc.	2019200161	Apple Inc.
2018201466	Mathys AG Bettlach	2019200598	Qualcomm Incorporated
2018201901	The University Court of The University of Aberdeen	2019200759	ALADDIN MANUFACTURING CORPORATION
2018201967	Novartis AG	2019200900	Ecolab USA Inc.
2018202244	Viper Innovations Ltd	2019201096	Covidien LP
2018202333	Sky Motion Research, ULC	2019202035	Nasdaq, Inc.
2018202585	Shire Human Genetic Therapies, Inc.	2019202166	Nicoventures Holdings Limited
2018202644	Neogen Corporation	2019202770	Nant Holdings IP, LLC
2018202721	Medtronic, Inc.	2019203699	Heraeus Medical GmbH
2018202839	Pacylex Pharmaceuticals Inc.	2019203825	YEH, K.
2018202860	WIRTH RESEARCH LIMITED	2019203987	Motorola Solutions, Inc.
2018203074	Icon Aircraft, Inc.	2019204008	Heraeus Medical GmbH
2018203669	PGS Geophysical AS	2019204100	Insmmed Incorporated
2018203795	Unigen, Inc.; Unigen, Inc.	2019204295	Dyax Corp.
2018203809	Innovapark, LLC	2019208253	Crossroads Extremity Systems, LLC
2018203876	GENENTECH, INC.	2019216728	F. Hoffmann-La Roche AG
2018204172	The Boeing Company	2019219702	Gill, K.K.
2018204498	Snap-on Incorporated	2019229359	Battelle Memorial Institute
2018204720	NIKE Innovate C.V.	2019240559	Insmmed Incorporated
2018205108	LS Cable & System Ltd.	2019246918	Monsanto Technology LLC
2018205173	Apple Inc.	2019253827	Alibaba Group Holding Limited
2018205186	Tarix Pharmaceuticals Ltd.	2019268089	Nippon Steel Engineering Co., Ltd.
2018206738	Ivax Pharmaceuticals Ireland; Norton (Waterford) Limited; Teva Pharmaceuticals Ireland	2019275569	Envera LIC, LLC
2018208752	Sony Corporation	2019275653	Sirona Dental Systems GmbH; Dentsply Sirona Inc.
2018210389	Fresenius Medical Care Holdings, Inc.	2020201903	Polygroup Macau Limited (BVI)
2018210838	Dexcom, Inc.		
2018211207	Merck Sharp & Dohme Corp.		
2018213993	Ancora Heat, Inc.		
2018214013	MED-EL Elektromedizinische Geraete GmbH		
2018214018	Ecolab Inc.		
2018218696	Yoo's Biopharm Inc.		
2018219383	Unilever PLC		
2018220071	Amgen Inc.		
2018220961	3M Innovative Properties Company		
2018223021	Apple Inc.		
2018226385	Aristocrat Technologies Australia Pty Limited		
2018226792	Avery Dennison Corporation		
2018227539	Ecolab USA Inc.		
2018229516	Tornier Orthopedics Ireland Ltd.		
2018232909	Case Western Reserve University		
2018232910	Ecolab USA Inc.		
2018232917	Shanghai Chuangshi Industry Group Co., Ltd.; Hygenic In- tangible Property Holding Co.		
2018233468	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG		
2018236693	Smiths Medical ASD, Inc.		
2018236800	Vertex Pharmaceuticals Incorporated		
2018236805	Obschestvo S Ogranichennoi Otvetstvennostiyu "pharmenter- prises"		
2018246923	Lanxess Deutschland GmbH		
2018247233	Aptis Medical, LLC		
2018247301	Depuy Synthes Products, LLC		
2018247326	Gilead Calistoga LLC		
2018247351	Pathologica LLC		
2018250355	Akebia Therapeutics Inc.		
2018250464	Immatics Biotechnologies GmbH		
2018256469	Visa International Service Association		
2018256585	MANTOVANI & VICENTINI S.R.L.; M-I L.L.C.		
2018256613	Flow Forward Medical, Inc.		
2018260800	Protagonist Therapeutics, Inc.		
2018261298	LG Electronics Inc.		
2018263991	RedFlow R&D Pty Ltd		
2018264001	Yang, T.		
2018264046	Accenture Global Solutions Limited		
2018267626	ARCADYAN TECHNOLOGY CORPORATION		
2018271340	Gates Corporation		
2018271381	G2GBIO, INC.		
2018282432	Ecolab USA Inc.; BASF SE		

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<b><u>A01B 29 /-</u></b>	<b><u>A22C 25 /-</u></b>	<b><u>A44C 5 /-</u></b>	2016243544	<b><u>A61J 7 /-</u></b>	2014339984
2016281194	2018233468	2015360753	<b><u>A61B 17 /-</u></b>	2015293654	2014343214
<b><u>A01B 45 /-</u></b>	<b><u>A22C 7 /-</u></b>	<b><u>A47B 47 /-</u></b>	2016201738	<b><u>A61K 31 /-</u></b>	2014391082
2016281194	2016201518	2015318815	2016223265	2014310564	2015268960
<b><u>A01D 69 /-</u></b>	<b><u>A23B 4 /-</u></b>	<b><u>A47B 87 /-</u></b>	2017338749	2014338690	2016246070
2017380373	2017301401	2015318815	2017393185	2014354859	2016283557
<b><u>A01G 31 /-</u></b>	2018233468	2015318815	2019203699	2014397042	2016371021
2015381089	<b><u>A23C 13 /-</u></b>	<b><u>A47C 20 /-</u></b>	2019204008	2014403039	2017261225
<b><u>A01G 9 /-</u></b>	2015374053	<b><u>A47C 27 /-</u></b>	2019208253	20144414316	2018201210
2015381089	<b><u>A23F 3 /-</u></b>	2020201903	<b><u>A61B 18 /-</u></b>	2015215044	2018205186
<b><u>A01H 5 /-</u></b>	2016277326	<b><u>A47F 3 /-</u></b>	2015294568	2015220913	2018211207
2014269927	<b><u>A23F 5 /-</u></b>	2018202860	2015307169	2015253040	2018260800
2014286296	2016282355	<b><u>A47C 27 /-</u></b>	2015332594	2015265620	<b><u>A61K 39 /-</u></b>
2019246918	<b><u>A23K 20 /-</u></b>	2020201903	2015370443	2015267006	2014339984
<b><u>A01K 27 /-</u></b>	2016289420	<b><u>A47G 11 /-</u></b>	2017259119	2015268960	2014365900
2017307087	2016433750	2015371656	2018317824	2015281448	2015211034
<b><u>A01N 1 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47G 21 /-</u></b>	<b><u>A61B 5 /-</u></b>	2015295405	2015265872
2018256613	2016433750	2015255653	2015259020	2015303835	2015268960
<b><u>A01N 25 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47G 23 /-</u></b>	2015346054	2015309862	2015357225
2018214018	2016224522	2015371656	2017273353	2015316472	2016283557
2019275569	2016277326	<b><u>A47G 9 /-</u></b>	<b><u>A61B 90 /-</u></b>	2015337607	2016371021
<b><u>A01N 31 /-</u></b>	<b><u>A23L 23 /-</u></b>	2015300905	2017273353	2015356587	2017240788
2018214018	2018219383	<b><u>A47J 31 /-</u></b>	<b><u>A61C 13 /-</u></b>	2015371822	2017394444
<b><u>A01N 33 /-</u></b>	<b><u>A23L 29 /-</u></b>	2017254698	2019275653	2015399642	2018201210
2018227539	2016277326	<b><u>A47K 10 /-</u></b>	<b><u>A61C 7 /-</u></b>	2016231951	2018201901
<b><u>A01N 37 /-</u></b>	2018219383	2016219852	2015261858	2016371466	2018201967
2019240559	<b><u>A23L 33 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61F 11 /-</u></b>	2017235346	2018202839
<b><u>A01N 43 /-</u></b>	2015324390	2017271695	2017281902	2017240788	2018250464
2015258947	<b><u>A24F 47 /-</u></b>	<b><u>A47L 13 /-</u></b>	2018220961	2017253228	2019204295
2016236461	2015261880	2018232910	<b><u>A61F 2 /-</u></b>	2017287746	<b><u>A61K 45 /-</u></b>
<b><u>A01N 63 /-</u></b>	2019202166	<b><u>A47L 15 /-</u></b>	2018201466	2017325913	2015281448
2014286595	<b><u>A41F 9 /-</u></b>	2017307893	2018229516	2017328905	2015356587
2019275569	2018204720	<b><u>A47L 7 /-</u></b>	2018247233	2017328907	2017240788
<b><u>A01P 13 /-</u></b>	<b><u>A42B 3 /-</u></b>	2016254508	2018247301	2017328910	2018218696
2016236461	2017281902	<b><u>A47L 9 /-</u></b>	2019201096	2017331591	2018218696
<b><u>A21C 11 /-</u></b>	<b><u>A44B 11 /-</u></b>	2015370307	<b><u>A61F 7 /-</u></b>	2018201967	<b><u>A61K 47 /-</u></b>
2016201518	2015360753	2016208652	2018232917	2018202839	2016283557
<b><u>A22B 5 /-</u></b>	<b><u>A44C 15 /-</u></b>	2017263706	<b><u>A61F 9 /-</u></b>	2018203795	2017261225
2018233468	2015360753	<b><u>A61B 1 /-</u></b>	2017281902	2018205186	2017331591
			<b><u>A61G 5 /-</u></b>	2018218696	
			2017298699	2018236800	
			<b><u>A61J 1 /-</u></b>	2018236805	<b><u>A61K 48 /-</u></b>
			2014403039	2018247326	2016291228
			2015393961	2018247351	
			2016231780	2019204100	<b><u>A61K 8 /-</u></b>
			2016261573	2019216728	2015356587
				2019240559	2015403463
				<b><u>A61K 33 /-</u></b>	<b><u>A61K 9 /-</u></b>
				2018202839	2014403039
				<b><u>A61K 35 /-</u></b>	2015215044
				2014279065	2015258947
				2015217142	2015265872
				2015267006	2015357225
				2017240788	2016283557
				<b><u>A61K 36 /-</u></b>	2016291228
				2015220913	2017235346
				2017271261	2017261225
				2018203795	2017328905
				<b><u>A61K 38 /-</u></b>	2017328907
					2017328909
					2017328910
					2017331591

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2018202585	2016265685	2019204295	2015356587	<b><u>B01F 17/-</u></b>	<b><u>B25J 11/-</u></b>
2018203876	2017294448				
2018218696	2017308724	<b><u>A61P 29/-</u></b>	<b><u>A62C 3/-</u></b>	2015403463	2017263706
2019204100	2017378061				
<b><u>A61L 2/-</u></b>	2018220071	2015220913	2016204382	<b><u>B01J 13/-</u></b>	<b><u>B25J 19/-</u></b>
	2018236693	2015295405	2016216571		
2018227539	2018256613	2015337607		2016214370	2017263706
	2019203699	2017325913	<b><u>A62C 31/-</u></b>	2018271381	
		2019204295			<b><u>B25J 9/-</u></b>
<b><u>A61L 26/-</u></b>	<b><u>A61N 1/-</u></b>	<b><u>A61P 3/-</u></b>	2016216571	<b><u>B01J 19/-</u></b>	2017263706
2017336786	2015292278	<b><u>A61P 31/-</u></b>	<b><u>A62C 37/-</u></b>	2015263796	<b><u>B26D 7/-</u></b>
	2015298346				
<b><u>A61L 27/-</u></b>	2015340498	2015268960	2016216571	<b><u>B01L 3/-</u></b>	2016201518
	2015370443	2017394444			2017264304
2014279065	2017297399		<b><u>A62C 99/-</u></b>	2015267020	
2017204789	2017324927	<b><u>A61P 31/-</u></b>		2017246899	<b><u>B26F 1/-</u></b>
	2017387024	2014414316	2016204382		
<b><u>A61L 31/-</u></b>	2018214013	2015231164	2016216571	<b><u>B05B 1/-</u></b>	2017264304
	2018232909	2015265620			
2015313647		2015371822	<b><u>A63B 21/-</u></b>	2017307893	<b><u>B27K 3/-</u></b>
		2018236805		2018202644	
<b><u>A61L 9/-</u></b>	<b><u>A61N 5/-</u></b>		2013401453		
		<b><u>A61P 35/-</u></b>		<b><u>B05B 11/-</u></b>	2015371230
2016307048	2015370443		<b><u>A63B 22/-</u></b>		
2016307124	2018317824	2014310564		2017303227	<b><u>B28B 1/-</u></b>
2018227539		2014343214	2013401453		
	<b><u>A61P 1/-</u></b>	2015217142		<b><u>B05B 12/-</u></b>	2016353326
<b><u>A61M 1/-</u></b>		2015253040			
	2017253228	2015309862	<b><u>A63B 24/-</u></b>	2018202644	<b><u>B28B 17/-</u></b>
2016243544	2019204295	2015337607			
2018202721		2016371466	2013401453	<b><u>B05B 7/-</u></b>	2016353326
2018210389	<b><u>A61P 11/-</u></b>	2017235346			
2018256613		2018201967	<b><u>A63B 69/-</u></b>	2017255540	<b><u>B29C 48/-</u></b>
	2014403039	2018202839			
<b><u>A61M 11/-</u></b>	2017328905	2018236800	2013401453	<b><u>B05B 9/-</u></b>	2019200759
	2017328907	2018247326			
2014403039	2017328909	2018247351	<b><u>A63B 71/-</u></b>	2018202644	<b><u>B29C 49/-</u></b>
2015332008	2017328910	2018250464			
	2018236805	2019216728	2013401453	<b><u>B07C 5/-</u></b>	2015267020
<b><u>A61M 13/-</u></b>	2019204100				
	2019204295	<b><u>A61P 37/-</u></b>	<b><u>A63H 13/-</u></b>	2015258452	<b><u>B29C 67/-</u></b>
2016223265					
	<b><u>A61P 13/-</u></b>	2014414316	2016366133	<b><u>B09B 3/-</u></b>	2016353326
<b><u>A61M 15/-</u></b>		2015337607			
	2014279065	2016371021	<b><u>A63H 29/-</u></b>	2015300228	<b><u>B29C 70/-</u></b>
2018206738		2017351183			
	<b><u>A61P 15/-</u></b>	2018247326	<b><u>A63H 3/-</u></b>	<b><u>B21D 17/-</u></b>	2018204172
<b><u>A61M 25/-</u></b>		2019216728			
	2015399642		2016366133	2015334072	<b><u>B31D 1/-</u></b>
2015266697		<b><u>A61P 43/-</u></b>			
2015317851	<b><u>A61P 17/-</u></b>		<b><u>A63H 33/-</u></b>	<b><u>B23D 63/-</u></b>	2015371656
2017273353		2015337607			
2017387024	2014338690		2016366133	2019219702	<b><u>B32B 27/-</u></b>
2018213993	2014391082	<b><u>A61P 5/-</u></b>			
	2014414316		<b><u>B01D 1/-</u></b>	<b><u>B23P 17/-</u></b>	2016317368
<b><u>A61M 27/-</u></b>	2015356587	2015303835			
	2016371021		2015371658	2017315762	<b><u>B41J 2/-</u></b>
2015266697		<b><u>A61P 7/-</u></b>			
2015317851	<b><u>A61P 19/-</u></b>		<b><u>B01D 3/-</u></b>	<b><u>B25B 13/-</u></b>	2016425823
		2017394444			
<b><u>A61M 31/-</u></b>	2014397042		2015371658	2018204498	<b><u>B42D 25/-</u></b>
	2015220913	<b><u>A61P 9/-</u></b>			
2016243544	2018203795		<b><u>B01D 33/-</u></b>	<b><u>B25C 1/-</u></b>	2015314424
2016265685	2019204295	2016246070			
2018213993		2017394444	2016348818	2017248989	<b><u>B60B 29/-</u></b>
	<b><u>A61P 25/-</u></b>	2019204295			
<b><u>A61M 39/-</u></b>			<b><u>B01D 46/-</u></b>	<b><u>B25F 5/-</u></b>	2016226233
	2014414316	<b><u>A61Q 17/-</u></b>			
2016243544	2015220913		2017281079	2017248989	<b><u>B60C 23/-</u></b>
2016251551	2015281448	2015403463			
	2015316472		<b><u>B01D 61/-</u></b>	<b><u>B25G 3/-</u></b>	2016226067
<b><u>A61M 5/-</u></b>	2016231951	<b><u>A61Q 19/-</u></b>			
	2017325913		2015300228	2018232910	<b><u>B60K 7/-</u></b>
2016243544	2018247351				2016340028

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<b><u>B60T 17 /-</u></b>	<b><u>B65B 1 /-</u></b>	<b><u>C01B 17 /-</u></b>	<b><u>C07C 275 /-</u></b>	<b><u>C07D 409 /-</u></b>	2015303835
2016429776	2016243544	2016428083	2015371822	2018236805	<b><u>C07K 1 /-</u></b>
2017427589	<b><u>B65B 13 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 311 /-</u></b>	<b><u>C07D 413 /-</u></b>	2014313779
<b><u>B61L 23 /-</u></b>	2017380015	2016212348	2015371822	2015295405	<b><u>C07K 14 /-</u></b>
2014240342	<b><u>B65B 43 /-</u></b>	<b><u>C01B 33 /-</u></b>	2015371822	2018236800	2014269927
<b><u>B62H 5 /-</u></b>	2016258449	<b><u>C01B 36 /-</u></b>	<b><u>C07C 62 /-</u></b>	2018236805	2014286296
2016204186	<b><u>B65B 55 /-</u></b>	<b><u>C01B 6 /-</u></b>	2019240559	<b><u>C07D 417 /-</u></b>	2014313779
<b><u>B62J 11 /-</u></b>	2015395860	<b><u>C01B 6 /-</u></b>	<b><u>C07C 69 /-</u></b>	2015315132	2015210612
2016204186	<b><u>B65B 67 /-</u></b>	<b><u>C01C 1 /-</u></b>	2019240559	2018236800	2015355087
<b><u>B62K 15 /-</u></b>	2017380015	<b><u>C01C 1 /-</u></b>	<b><u>C07D 209 /-</u></b>	2018236805	2016260332
2017298699	<b><u>B65D 43 /-</u></b>	<b><u>C01G 49 /-</u></b>	2015315132	<b><u>C07D 471 /-</u></b>	2017284726
<b><u>B62K 5 /-</u></b>	2018393122	<b><u>C02F 11 /-</u></b>	<b><u>C07D 211 /-</u></b>	2015295405	2018201273
2017298699	<b><u>B65D 77 /-</u></b>	<b><u>C02F 11 /-</u></b>	2015316472	2015399642	2018211207
<b><u>B62M 1 /-</u></b>	2017271695	<b><u>C02F 3 /-</u></b>	<b><u>C07D 213 /-</u></b>	2016231951	2018250464
2017249427	<b><u>B65D 81 /-</u></b>	<b><u>C02F 3 /-</u></b>	2015371822	2018236805	2018296527
<b><u>B62M 9 /-</u></b>	2017254558	<b><u>C03B 25 /-</u></b>	2018250355	2019216728	2018296527
2018271340	<b><u>B65D 83 /-</u></b>	<b><u>C03B 3 /-</u></b>	<b><u>C07D 215 /-</u></b>	<b><u>C07D 487 /-</u></b>	2015210612
<b><u>B63B 21 /-</u></b>	2017271695	<b><u>C03B 3 /-</u></b>	2015295405	2015295405	2015211034
2017291444	<b><u>B65G 41 /-</u></b>	<b><u>C03B 3 /-</u></b>	2015309862	2015316472	2015231164
<b><u>B63B 35 /-</u></b>	2016201518	<b><u>C03B 32 /-</u></b>	2015371822	2019216728	2015355087
2017333180	<b><u>B65G 47 /-</u></b>	<b><u>C03B 32 /-</u></b>	2016371466	<b><u>C07D 491 /-</u></b>	2017351183
<b><u>B63B 7 /-</u></b>	2016223308	<b><u>C03B 5 /-</u></b>	<b><u>C07D 233 /-</u></b>	2015295405	2017394444
2015384263	<b><u>B65H 45 /-</u></b>	<b><u>C03B 5 /-</u></b>	2015371822	2018236800	2018201901
<b><u>B63H 16 /-</u></b>	2016261265	<b><u>C03C 21 /-</u></b>	<b><u>C07D 239 /-</u></b>	<b><u>C07D 493 /-</u></b>	2018201967
2015384263	<b><u>B66B 19 /-</u></b>	<b><u>C03C 21 /-</u></b>	2015253040	2017287746	2018260800
<b><u>B63H 23 /-</u></b>	2017281564	<b><u>C03C 3 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C07K 5 /-</u></b>
2015384263	<b><u>B66B 21 /-</u></b>	<b><u>C03C 3 /-</u></b>	2015371822	2019216728	2018205186
<b><u>B64C 3 /-</u></b>	2017281564	<b><u>C03C 5 /-</u></b>	<b><u>C07D 295 /-</u></b>	<b><u>C07D 498 /-</u></b>	2018260800
2018203074	<b><u>B67C 3 /-</u></b>	<b><u>C05C 9 /-</u></b>	2014414316	2015295405	<b><u>C07K 7 /-</u></b>
<b><u>B64C 39 /-</u></b>	2015258452	<b><u>C05C 9 /-</u></b>	<b><u>C07D 333 /-</u></b>	2016231951	2018260800
2017324649	<b><u>B67D 3 /-</u></b>	<b><u>C07C 1 /-</u></b>	2015371822	<b><u>C07D 519 /-</u></b>	<b><u>C08G 18 /-</u></b>
<b><u>B64D 1 /-</u></b>	2017254558	<b><u>C07C 229 /-</u></b>	<b><u>C07D 401 /-</u></b>	2019216728	2016242839
2016204382	<b><u>B81C 1 /-</u></b>	<b><u>C07C 233 /-</u></b>	2015295405	<b><u>C07F 7 /-</u></b>	<b><u>C08J 3 /-</u></b>
2017324649	2017238313	<b><u>C07C 233 /-</u></b>	2015316472	2015337607	2016259723
<b><u>B64D 45 /-</u></b>	<b><u>B82B 3 /-</u></b>	<b><u>C07C 235 /-</u></b>	2018236800	<b><u>C07H 15 /-</u></b>	<b><u>C08J 7 /-</u></b>
2015203328	2017238313	<b><u>C07C 235 /-</u></b>	<b><u>C07D 403 /-</u></b>	2015353486	2016259723
<b><u>B64F 1 /-</u></b>	<b><u>B82Y 40 /-</u></b>	<b><u>C07C 235 /-</u></b>	2015371822	<b><u>C07H 21 /-</u></b>	<b><u>C08J 9 /-</u></b>
2016223308	2017238313	<b><u>C07C 235 /-</u></b>	2015295405	2016291228	2016214370
			2016325733	2017248476	2016265344
			2018236800	<b><u>C07J 31 /-</u></b>	<b><u>C08K 3 /-</u></b>
			2018236805	2015303835	2016243552
				<b><u>C07J 5 /-</u></b>	2018246923
				2015303835	<b><u>C08K 5 /-</u></b>
				<b><u>C07J 9 /-</u></b>	2015371230
					2018232917



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<b><u>C08L 101 /-</u></b>	<b><u>C10L 3 /-</u></b>	2014274135 2014286296 2014310564 2017246899	<b><u>E06C 7 /-</u></b>	<b><u>F04D 27 /-</u></b>	<b><u>F24F 13 /-</u></b>
2016265344	2016428083		2019203825	2016259718	2017281079
<b><u>C08L 63 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F15B 15 /-</u></b>	<b><u>F25D 13 /-</u></b>
2015371230	2018227539 2018282432	2014286595 2016260332	2017291444	2016429776	2018233468
<b><u>C08L 67 /-</u></b>	<b><u>C11D 11 /-</u></b>	<b><u>C22B 26 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>F16B 17 /-</u></b>	<b><u>F25D 17 /-</u></b>
2016325294	2019200900	2016374661	2018256585	2015308757	2018202860
<b><u>C09C 1 /-</u></b>	<b><u>C11D 17 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F16B 21 /-</u></b>	<b><u>F25D 25 /-</u></b>
2015403463 2018246923	2016307048 2016307124 2018227539	2016374661	2015409271 2017346661	2017224039	2017373235 2018202860
<b><u>C09C 3 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C22C 23 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F16B 35 /-</u></b>	<b><u>F26B 3 /-</u></b>
2015403463	2016251951 2018227539 2018282432 2019200900	2015313647	2015330251 2017291444 2017346661	2015308757	2019268089
<b><u>C09D 1 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C22F 1 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16B 37 /-</u></b>	<b><u>F28D 1 /-</u></b>
2018246923	2014286595 2016260332 2017284726	2015313647	2018256585	2015367298 2016287017 2017224039	2018264001
<b><u>C09D 123 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C40B 30 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16B 5 /-</u></b>	<b><u>F28F 1 /-</u></b>
2016259723	2014286595 2016260332 2017284726	2015336857	2015409271	2016287017	2018264001
<b><u>C09D 127 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C40B 40 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F16D 55 /-</u></b>	<b><u>F41H 5 /-</u></b>
2016259723	2014269927 2014286296 2014310564 2015317635 2015336857 2016291228 2017246899 2017284726 2017394444 2018202585 2019246918	2015336857	2017224039	2016317850	2018204172
<b><u>C09D 133 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>C40B 50 /-</u></b>	<b><u>F01K 23 /-</u></b>	<b><u>F16D 65 /-</u></b>	<b><u>F42B 12 /-</u></b>
2018226792	2014279065 2014286296	2015336857	2016315932	2016317850	2016204382
<b><u>C09D 167 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D01B 1 /-</u></b>	<b><u>F01K 25 /-</u></b>	<b><u>F16G 11 /-</u></b>	<b><u>G01D 5 /-</u></b>
2016325294	2014288147	2019219702	2016315932	2015401841	2017325116
<b><u>C09D 175 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D21H 21 /-</u></b>	<b><u>F02C 1 /-</u></b>	<b><u>F16H 3 /-</u></b>	<b><u>G01F 1 /-</u></b>
2016325294	2014288147	2016219852	2016315932	2017380373	2014372846 2017254028
<b><u>C09D 183 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>F02C 3 /-</u></b>	<b><u>F16H 55 /-</u></b>	<b><u>G01F 25 /-</u></b>
2016325294	2014279065 2014286296	2016219852	2016277834 2016315932	2018271340	2017254028
<b><u>C09D 5 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>F02C 6 /-</u></b>	<b><u>F16H 7 /-</u></b>	<b><u>G01H 9 /-</u></b>
2016259723	2014288147	2015308757 2017224039	2016315932	2018271340	2017325116
<b><u>C09D 7 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>E04G 17 /-</u></b>	<b><u>F03D 80 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>G01J 3 /-</u></b>
2016243552 2016259723	2014288147	2016256246	2017395127	2015401841	2019200161
<b><u>C09K 8 /-</u></b>	<b><u>C12P 13 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>F03G 4 /-</u></b>	<b><u>F16L 15 /-</u></b>	<b><u>G01K 1 /-</u></b>
2015339146 2015409271	2014292288 2016282355	2015350258	2018264001	2017338057	2017334594
<b><u>C10B 47 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>E05B 71 /-</u></b>	<b><u>F03H 1 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>G01K 7 /-</u></b>
2014403368	2016260332	2016204186	2015263796	2016232161	2017334594
<b><u>C10B 53 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>E05B 73 /-</u></b>	<b><u>F03H 99 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>G01N 21 /-</u></b>
2014403368	2015337881	2016204186	2015263796 2015282414	2015263796 2015282414	2015258452 2017325116 2019200161
<b><u>C10J 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>E05B 79 /-</u></b>	<b><u>F04D 25 /-</u></b>	<b><u>F23G 7 /-</u></b>	<b><u>G01N 29 /-</u></b>
2015282414	2014229563	2016204186	2016259718	2015263796	2014372846

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<b>G01N 3 /-</b>	2018205108	<b>G07D 7 /-</b>	<b>H01R 24 /-</b>	2016336004	2018261298
2017403550	<b>G02F 1 /-</b>	2015314424	2015332594	2017309925	<b>H04W 72 /-</b>
<b>G01N 33 /-</b>	2017325356	<b>G07F 11 /-</b>	<b>H01R 29 /-</b>	2018200888	<b>H04L 27 /-</b>
2014227711	<b>G06F 11 /-</b>	2018226385	2014401665	2019200598	2016307395
2014310564	2015298146	<b>G07F 17 /-</b>	<b>H01R 35 /-</b>	2016218274	2016357253
2015259020	<b>G06F 15 /-</b>	2018226385	2017366073	2017277572	2018208752
2017394444	2013263803	<b>G08B 13 /-</b>	<b>H02G 1 /-</b>	2017334059	2019200598
2018202585	2017286888	2017325116	2015401841	2019202035	<b>H04W 74 /-</b>
2018202839	2019202035	<b>G08G 1 /-</b>	<b>H02G 15 /-</b>	<b>H04L 5 /-</b>	<b>H04W 76 /-</b>
2018296527	2019202770	2016340028	2015401841	2015200636	2018261298
<b>G01N 35 /-</b>	<b>G06F 16 /-</b>	2018203809	<b>H02G 9 /-</b>	2016357253	2019200598
2015267020	2013402190	<b>G09F 9 /-</b>	2015401841	2017309292	<b>H04W 76 /-</b>
<b>G01P 3 /-</b>	2017364745	2017325356	<b>H02J 3 /-</b>	2019200598	2014406893
2015203328	<b>G06F 17 /-</b>	<b>G10L 15 /-</b>	2016313972	<b>H04L 9 /-</b>	<b>H05B 6 /-</b>
<b>G01R 31 /-</b>	2013263803	2015271726	<b>H02J 7 /-</b>	2015336949	2015261880
2018200403	2013402190	2017234428	2016313972	2017277572	<b>H05H 1 /-</b>
<b>G01S 13 /-</b>	2014321165	<b>H01B 11 /-</b>	2016313972	2018256469	2015263796
2016320792	2018264046	2018205108	<b>H02P 1 /-</b>	<b>H04M 1 /-</b>	
2016332948	2019202770	<b>H01B 17 /-</b>	2016201935	2019253827	
<b>G01S 5 /-</b>	<b>G06F 21 /-</b>	2014401665	<b>H02P 5 /-</b>	<b>H04N 21 /-</b>	
2015356865	2013263803	<b>H01B 7 /-</b>	2017317293	2016293601	
2016275540	2014250733	2014401665	<b>H04B 1 /-</b>	2017356366	
<b>G01T 1 /-</b>	2015336949	<b>H01L 21 /-</b>	2017356366	<b>H04N 5 /-</b>	
2017330375	2017330375	2017315762	<b>H04B 10 /-</b>	2015271726	
2018348327	2018348327	<b>H01L 29 /-</b>	2017335678	<b>H04N 7 /-</b>	
2019203987	2019203987	2017238313	<b>H04B 7 /-</b>	2015271726	
<b>G01V 1 /-</b>	<b>G06F 3 /-</b>	<b>H01M 10 /-</b>	2016357253	<b>H04R 1 /-</b>	
2015201786	2018205173	2016313972	2017308688	2018220961	
2015216751	2018223021	2017261222	2017309292	<b>H04W 12 /-</b>	
2016370548	2019253827	<b>H01M 2 /-</b>	<b>H04H 20 /-</b>	2017277572	
2017273520	<b>G06F 9 /-</b>	2017261222	2017356366	<b>H04W 16 /-</b>	
2017355984	2015200636	<b>H01R 11 /-</b>	<b>H04H 60 /-</b>	2017309925	
2018203669	2015223287	2018202244	2017356366	2019200598	
<b>G01V 3 /-</b>	2019202035	<b>H01M 10 /-</b>	<b>H04K 3 /-</b>	<b>H04W 28 /-</b>	
2015216751	<b>G06K 9 /-</b>	2016313972	2019229359	2017334059	
2018203669	2014321165	2017261222	<b>H04L 1 /-</b>	<b>H04W 4 /-</b>	
<b>G01V 8 /-</b>	<b>G06Q 10 /-</b>	2018202244	2016357253	<b>H04W 40 /-</b>	
2017355984	2018203809	2017261222	<b>H04L 12 /-</b>	2018267626	
<b>G01W 1 /-</b>	2018203809	2018201337	<b>H04L 12 /-</b>	<b>H04W 56 /-</b>	
2017273520	<b>G06Q 20 /-</b>	2018263991	2014240342		
2018202333	2017318589	<b>H01R 12 /-</b>	2016218274		
<b>G02B 26 /-</b>	2018256469	2018202244	2016307199		
2019200161	<b>G06Q 40 /-</b>	<b>H01R 13 /-</b>			
<b>G02B 27 /-</b>	2017318589	2014401665			
2017315762	<b>G06Q 50 /-</b>	2015340498			
<b>G02B 6 /-</b>	2017273520	2017366073			
2017315762	<b>G07B 15 /-</b>	2018202244			
2017363816	2016340028				

**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

- 
- (71) Apple Inc.  
 (11) AU-B-2019101260  
 (21) 2019101260 (22) 17.10.2019  
 (54) User interface for initiating a telephone call  
 (51) Int. Cl.  
*G06F 3/0484* ( 2013.01 )  
*G06F 3/0488* ( 2013.01 )  
*H04W 4/90* ( 2018.01 )  
 (45) 09.04.2020  
 (62) 2017277838  
 (72) WILLIAMS, Aled Hywel; IVE, Jonathan P.; JONES, Bronwyn; KAWASHIMA, Ieyuki; LYNCH, Kevin; MARIC, Natalia; SCHOBEL, Andreas E.; WIEBE, Molly Pray  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-B-2020100060  
 (21) 2020100060 (22) 13.01.2020  
 (54) Devices, methods, and graphical user interfaces for displaying an affordance on a background  
 (51) Int. Cl.  
*G06F 3/0481* ( 2013.01 )  
 (45) 09.04.2020  
 (62) PCT/US2018/015195  
 (72) WAN, Wan Si; KARUNAMUNI, Chanaka G.; ALONSO RUIZ, Marcos; CIECHANOWSKI, Bartosz; NIELSEN, Benjamin E.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Ecclesia Concepts Pty Ltd  
 (11) AU-B-2019101657  
 (21) 2019101657 (22) 19.12.2019  
 (54) A Waterproof Backpack  
 (51) Int. Cl.  
*A45C 3/10* ( 2006.01 )  
*A45C 11/22* ( 2006.01 )  
*A45F 3/04* ( 2006.01 )  
 (31) 2019903631 (32) 26.09.19 (33) AU  
 (45) 09.04.2020  
 (72) Williams, Sheraldine  
 (74) Stellar Law Pty Ltd
- 
- (71) Guzu Holdings Pty Ltd  
 (11) AU-B-2019101048  
 (21) 2019101048 (22) 12.09.2019  
 (54) AN ELECTRICAL CONNECTOR  
 (51) Int. Cl.  
*H01R 4/18* ( 2006.01 )  
 (31) 1815081.3 (32) 17.09.18 (33) GB  
 (45) 09.04.2020  
 (72) Mobbs, Timothy Harry; Sagadin, Bostjan; Lotric, Uros; Gravolin, Laetone Maxlcome Raye  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) IP Reserve Pty Ltd  
 (11) AU-B-2019100172  
 (21) 2019100172 (22) 15.02.2019  
 (54) Plunge pool  
 (51) Int. Cl.  
*E04H 4/04* ( 2006.01 )  
 (31) 2018900498 (32) 16.02.18 (33) AU  
 (45) 09.04.2020  
 (72) Hermans, Ty Gerard; Petersen, Ben; Jung, Mayer; Gannon, Michael  
 (74) DAVIS IP PTY LTD
- 
- (71) Jusand Nominees Pty Ltd  
 (11) AU-B-2020100163  
 (21) 2020100163 (22) 31.01.2020  
 (54) SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE  
 (51) Int. Cl.  
*E21B 17/00* ( 2006.01 )  
*E21D 20/00* ( 2006.01 )  
*E21D 21/00* ( 2006.01 )  
 (45) 09.04.2020  
 (62) 2016354676  
 (72) NOONAN, Gerry  
 (74) WRAYS PTY LTD
- 
- (71) LG ELECTRONICS INC.  
 (11) AU-B-2019100837  
 (21) 2019100837 (22) 30.07.2019  
 (54) Nozzle for cleaner  
 (51) Int. Cl.  
*A47L 9/04* ( 2006.01 )  
 (31) 10-2018-0088842 (32) 30.07.18 (33) KR  
 (45) 09.04.2020  
 (72) LEE, Jinwoo; RYU, Chungjae; SEO, Jonghyun  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) Liberation Developments Pty Ltd  
 (11) AU-B-2019101431  
 (21) 2019101431 (22) 21.11.2019  
 (54) A SUPPORT ASSEMBLY  
 (51) Int. Cl.  
*E04H 17/22* ( 2006.01 )  
*E04G 21/32* ( 2006.01 )  
 (45) 09.04.2020  
 (62) 2016216660  
 (72) Bloom, Gregory James  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Trailer Stonestar Pty Ltd  
 (11) AU-B-2019101439  
 (21) 2019101439 (22) 22.11.2019  
 (54) A Drop Deck Hook for Semi-trailer  
 (51) Int. Cl.
- 
- B62D 53/08** ( 2006.01 )  
**B60D 1/04** ( 2006.01 )  
**B62D 53/06** ( 2006.01 )  
 (45) 09.04.2020  
 (72) Shi, Feng  
 (74) TIDY TEND GLOBAL PTY LTD

**Numerical Index**

<b>2019100172</b>	IP Reserve Pty Ltd
<b>2019100837</b>	LG ELECTRONICS INC.
<b>2019101048</b>	Guzu Holdings Pty Ltd
<b>2019101260</b>	Apple Inc.
<b>2019101431</b>	Liberation Developments Pty Ltd
<b>2019101439</b>	Trailer Stonestar Pty Ltd
<b>2019101657</b>	Ecclesia Concepts Pty Ltd
<b>2020100060</b>	Apple Inc.
<b>2020100163</b>	Jusand Nominees Pty Ltd

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**A45C 3 /-**

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**B60D 1 /-**

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**B62D 53 /-**

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**E04G 21 /-**

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2019101431

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2019100172

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**E21D 21 /-**

2020100163

**G06F 3 /-**

2019101260

2020100060

**H01R 4 /-**

2019101048

**H04W 4 /-**

2019101260

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2019240592 **HeliMods Pty Ltd** ( Five Rings Aerospace Pty Ltd )

**Patents Granted**

**Standard Patents**

2013259486	2014203137	2014205441	2014207509
2014208308	2014213614	2014218715	2014221226
2014240990	2014251105	2014253900	2014257380
2014270707	2014271202	2014271250	2014271251
2014271252	2014273091	2014274626	2014277298
2014282839	2014307232	2014315110	2014318580
2014322996	2014330136	2014337263	2014350302
2014351815	2014360760	2014363444	2014364999
2014369510	2014369999	2014373757	2014375141
2014375216	2014377545	2014388213	2014398609
2014405865	2015200929	2015203505	2015204531
2015206515	2015211382	2015222879	2015222913
2015223908	2015225718	2015227089	2015228507
2015228785	2015230052	2015231057	2015231286
2015236125	2015236204	2015241020	2015243186
2015249131	2015249199	2015250044	2015251071
2015252336	2015253158	2015254675	2015255003
2015255199	2015255714	2015257406	2015258819
2015259946	2015266609	2015268103	2015268105
2015269211	2015269369	2015272017	2015274621
2015276135	2015301498	2015303521	2015305615
2015309212	2015311069	2015314257	2015315174
2015315398	2015315834	2015317840	2015318276
2015324610	2015330966	2015332192	2015333576
2015342167	2015342444	2015342868	2015342917
2015343151	2015346153	2015348364	2015363779
2015365465	2015365740	2015366401	2015370598
2015374133	2015374236	2015386652	2015387138
2015418786	2016200231	2016200338	2016201817
2016202821	2016205306	2016208152	2016211103
2016211107	2016211687	2016212232	2016215570
2016217536	2016219120	2016219786	2016221561
2016224136	2016224710	2016224869	2016225051
2016225385	2016228367	2016233641	2016236912
2016240875	2016254422	2016254855	2016256474
2016265734	2016270297	2016273154	2016276687
2016276974	2016283264	2016285014	2016287726
2016299451	2016306698	2016312678	2016316853
2016317523	2016317524	2016329670	2016336312
2016336584	2016342216	2016347764	2016358214
2016366836	2016367178	2016372793	2016375020
2016375054	2016390488	2016394257	2016398068
2016423486	2016423951	2017203152	2017210349
2017213527	2017213854	2017214484	2017219254
2017225952	2017225959	2017226381	2017226383
2017227455	2017228579	2017232188	2017233893
2017235941	2017235980	2017235989	2017242330
2017247104	2017249317	2017258072	2017261452
2017261590	2017262924	2017263225	2017265078
2017266398	2017267392	2017267663	2017268035
2017268656	2017270402	2017276281	2017276300
2017279567	2017279729	2017279737	2017279833
2017286413	2017288960	2017292237	2017294718
2017306576	2017312712	2017313215	2017315306
2017315674	2017317084	2017317554	2017321176
2017325629	2017330208	2017336561	2017337208
2017338254	2017341162	2017341380	2017342719
2017345135	2017356900	2017360116	2017372351
2017376794	2017390194	2017394369	2017402485
2017407322	2018200334	2018200526	2018200587

**Patents Granted**

**Standard Patents**

2018200620	2018200767	2018201167	2018201179
2018202100	2018202104	2018202243	2018202260
2018202271	2018202459	2018202625	2018202647
2018202728	2018202875	2018202885	2018202886
2018203165	2018203240	2018203387	2018203397
2018203416	2018203804	2018203815	2018203882
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2018260852	2018264061	2018267607	2018267617
2018271352	2018271404	2018274988	2018275007
2018282356	2018286584	2018290906	2018301224
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2019229368	2019246933		

**Innovation Patents**

2019101459	2019101492	2019101499	2019101514
2019101516	2019101530	2019101552	2019101621
2020100175	2020100238	2020100267	2020100282
2020100284	2020100291	2020100302	2020100307
2020100315	2020100320	2020100321	2020100322
2020100323	2020100325	2020100326	2020100332
2020100333	2020100334		

**Offer to Surrender**

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road North Chicago Illinois 60064 United States Of America** , , the Patentee of Patent 2000052877 dated 17.03.2005 for an invention titled ' Improved pharmaceutical formulations ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2001250920 dated 12.10.2006 for an invention titled ' Crystalline pharmaceutical ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2003254711 dated 28.06.2007 for an invention titled ' Polymorph of a Pharmaceutical ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2004283087 dated 10.01.2008 for an invention titled ' Solid pharmaceutical dosage form ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2006216856 dated 21.06.2012 for an invention titled ' A solid pharmaceutical dosage formulation ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2006235895 dated 26.11.2009 for an invention titled ' Improved pharmaceutical formulations ' offers to surrender the said Patent. Any person desiring to be heard before the said offer to sur-

**Offer to Surrender**

render is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2007249115 dated 25.11.2010 for an invention titled ' Solid pharmaceutical dosage form' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2010238573 dated 25.03.2013 for an invention titled ' Solid pharmaceutical dosage form' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 1 North Waukegan Road , North Chicago IL 60064** , the Patentee of Patent 2012202831 dated 07.05.2015 for an invention titled ' A solid pharmaceutical dosage formulation' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **AbbVie Inc. 100 Abbott Park Road , Abbott Park IL 60064** , the Patentee of Patent 2013201423 dated 10.08.2017 for an invention titled ' Solid pharmaceutical dosage form' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2003243419 Lonza Inc. The patent has been assigned to **Lonza, LLC**

2005297319 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Coogee Titanium Pty Ltd**

2007308351 Lonza Inc. The patent has been assigned to **Innovative Water Care, LLC**

2007338360 CureVac GmbH The patent has been assigned to **CureVac Real Estate GmbH**

2009252921 Gilo Industries Limited The patent has been assigned to **Sky-bike International Ltd**

2010257341 Lonza Inc. The patent has been assigned to **Lonza, LLC**

2011250655 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Coogee Titanium Pty Ltd**

2012311460 Lonza Inc. The patent has been assigned to **Lonza, LLC**

2012387142 Diamond Stairs Inc. The patent has been assigned to **Anenda Systems Inc.**

2013306052 Lonza, Inc. The patent has been assigned to **Lonza, LLC**

2013323596 Advanced Accelerator Applications USA, Inc. The patent has been assigned to **Advanced Accelerator Applications International S.A.**

2013324716 Mirrx Therapeutics A/S The patent has been assigned to **Guandong Mijinjia Biotechnology Co., Ltd**

2014204336 Schwarze, Hans-Otto The patent has been assigned to **Kill-Frech, Cornelia**

2014206733 Avantpack S.L. The patent has been assigned to **Logicpalet World, S.L.**

2014353840 9103-8034 Quebec Inc. The patent has been assigned to **Scranton Manufacturing Company Inc.**

**Assignments Registered**

2016100859 Fuzhou Autran Industrial Co., Ltd. The patent has been assigned to **TCT GROUP PTY LTD**

2016102084 FUZHOU AUTRAN INDUSTRIAL CO.,LTD The patent has been assigned to **TCT GROUP PTY LTD**

2016226483 Siemens Canada Limited The patent has been assigned to **Siemens Mobility Limited**

2018101448 O-I Operations (Australia) Pty Ltd The patent has been assigned to **Owens-Brockway Glass Container Inc.**

2018101719 Carmody, Bradley The patent has been assigned to **Britlach Innovations Pty Ltd**

2018204513 Advanced Accelerator Applications USA, Inc. The patent has been assigned to **Advanced Accelerator Applications International S.A.**

**Corrigenda**

In Vol 34 , No 12 , Page(s) 1793 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name **Petroleo Brasileiro S.A.**, Application No. 2018316665, under INID (71) correct the applicant name to **Petroleo Brasileiro S.A. - Petrobras**

In Vol 34 , No 13 , Page(s) 1865 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015292255.

In Vol 34 , No 13 , Page(s) 1866 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2017** Delete all reference to 2017265078.

In Vol 34 , No 13 , Page(s) 1912 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name **L'Oréal**, Application No.2018320416, under INID (71) correct the applicant name to **Sprint Bioscience AB**

In Vol 34 , No 13 , Page(s) 1918 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name **Petróleo Brasileiro S.A.**, Application No. 2017427811, under INID (71) correct the applicant name to **Petróleo Brasileiro S.A. - Petrobras**

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

- 2015271651 **Ecosea Pty Ltd**
- 2015317327 **Forma Therapeutics, Inc.**
- 2016220027 **CareFusion 303, Inc.**
- 2016250124 **P M B**
- 2017409109 **Ping An Technology (Shenzhen) Co., Ltd.**
- 2018202335 **Apple Inc.**
- 2018233685 **Siemens Aktiengesellschaft**
- 2018313510 **Daikin Industries, Ltd.**