



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Gradient Technologies LLC v Jabez7 Pty Ltd. [2019] APO 11*

Patent Application: 2010246907

Title: Magnetic field apparatus

Patent Applicant: Jabez7 Pty Ltd

Opponent: Gradient Technologies LLC

Delegate: Greg Powell

Decision Date: 25 March 2019

Hearing Date: 14 September 2018, in Canberra

Catchwords: **PATENTS** – section 59 – opposition to the grant of a patent – novelty – claims found to be novel – inventive step – problem known to the person skilled in the art – suitable person skilled in the art – documents ascertained, understood and regarded as relevant – lack of inventive step not established – lack of clarity and fair basis – lack of clarity and fair basis not established – opposition unsuccessful – costs awarded

Representation: Representative for the Applicant: James Hermans  
Patent attorney for the opponent: Sylvan Browne and Beata Khaidurova, FB Rice Pty Ltd

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Dorel Australia Pty Ltd v HBG IP Holding Pty Ltd [2019] APO 12*

Patent Application: 2011200416

Title: A child restraint for a vehicle

Patent Applicant: HBG IP Holding Pty Ltd

Opponent: Dorel Australia Pty Ltd

Delegate: Dr V. Z. Kolev

Decision Date: 25 March 2019

Hearing Date: 28 March 2018, in Sydney, further submissions filed on 14 February 2019 and 1 March 2019

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – novelty – inventive step – manner of manufacture – full description and best method – regulation 5.23 – subsection 60(3) – fair basis – rearward facing child safety seat including a base unit, a carry cot and a tether – untethered carry cot – opposition successful on the ground of fair basis under subsection 60(3) – all grounds raised by the opponent unsuccessful – regulation 5.23 not invoked – costs not awarded – opportunity to amend

Representation: Counsel for the applicant: Mr Andrew Fox

Patent attorney for the applicant: Ms Kerry Chrysiliou of Chrysiliou IP Patent & Trade Mark Attorneys

Observers for the applicant: Mr Richard Horsfall and Mr Anthony Horsfall

Patent attorney for the opponent: Ms Daneta Crump of FPA Patent Attorneys Pty Ltd

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 19 Mar 2019 .

(71) Adama Australia Pty Ltd (21) 2019900862 (22) 15.03.2019 (54) Synergistic Pesticidal Combinations	(71) Billi Technologies Pte. Ltd. (21) 2019900846 (22) 14.03.2019 (54) DIGITAL MONEY TRANSFER AND BILL ASSEMBLY	(71) CAPODISTRIA PTY LTD (21) 2019900894 (22) 18.03.2019 (54) Folding Leaning Electric Tricycle
(71) AL-KO International Pty Ltd (21) 2019900864 (22) 15.03.2019 (54) Suspension Assembly	(71) Bookleaf Pty Ltd (21) 2019900928 (22) 20.03.2019 (54) Pipe Fitting	(71) Ces, S. (21) 2019900913 (22) 19.03.2019 (54) RETRACTABLE LEAD
(71) Arakel, A.; SYNPOASH PTY LTD (21) 2019900887 (22) 18.03.2019 (54) Product Recovery from Flyash Generated by Municipal Solid Waste Incineration Plants	(71) C.J.H. Management Services Pty Ltd; Parametric Systems Pty Ltd (21) 2019900923 (22) 20.03.2019 (54) An SQL Statement Generator to Create a Program to Maintain Records in a Database	(71) CFDT Pty Ltd (21) 2019900882 (22) 18.03.2019 (54) A MACHINE FOR MANUFACTURING FIBRE-REINFORCED PLASTIC ITEMS
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900937 (22) 20.03.2019 (54) A GAMING DEVICE	(71) C.J.H. Management Services Pty Ltd; Parametric Systems Pty Ltd (21) 2019900924 (22) 20.03.2019 (54) An SQL Statement Generator to Extract Information from a Database	(71) CFDT Pty Ltd (21) 2019900883 (22) 18.03.2019 (54) A MACHINE FOR MANUFACTURING FIBRE-REINFORCED PLASTIC ITEMS
(71) Ark Corporation Pty Ltd (21) 2019900940 (22) 20.03.2019 (54) Trailer connector	(71) C. Rafin & Co Pty Ltd (21) 2019900838 (22) 13.03.2019 (54) A System and Method for the Management of Health and Security for Clients	(71) Chapman Technology Pty Ltd (21) 2019900847 (22) 14.03.2019 (54) Vehicle Instrument System and Improved Communication Pathway
(71) Austin, M. (21) 2019900879 (22) 18.03.2019 (54) A Dispenser Device	(71) C. Rafin & Co Pty Ltd (21) 2019900839 (22) 13.03.2019 (54) AN INTEGRATED HEALTH AND SECURITY MANAGEMENT SYSTEM	(71) CoachAchieve Pty Limited (21) 2019900829 (22) 13.03.2019 (54) Folding Trolley
(71) Automotive Safety Engineering Pty Ltd (21) 2019900857 (22) 15.03.2019 (54) Energy Absorbing Bollard – Impact Absorber	(71) CAMPBELL, G. (21) 2019900877 (22) 17.03.2019 (54) NEW OIL SERVICE AUTOMATION	(71) Cognitive Industries Pty Ltd; Valise.TV Pty Ltd (21) 2019900888 (22) 18.03.2019 (54) A method of identifying and addressing client problems
(71) Bansal, A. (21) 2019900885 (22) 18.03.2019 (54) Where's my baby?	(71) Canning, J. (21) 2019900874 (22) 16.03.2019 (54) The use of water in photonic devices, both linear and nonlinear. The fabrication of any optical or electronic or other device using water as a core ingredient. Any water based optical device.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900941 (22) 20.03.2019 (54) RNA molecules
(71) BHP Billiton Innovation Pty Ltd (21) 2019900861 (22) 15.03.2019 (54) Electricity supply		

Provisional Applications Filed - Name Index cont'd

(71) Convert Group Pty Ltd  
(21) 2019900905 (22) 19.03.2019  
(54) Adjustable support for a computer screen

(71) DYNAVEIL PTY LTD  
(21) 2019900944 (22) 21.03.2019  
(54) Power Distribution System for Motorised Window Coverings

(71) EMvision Medical Devices Ltd  
(21) 2019900842 (22) 14.03.2019  
(54) Medical imaging probe, apparatus and process

(71) Endothelium Scanning Nanotechnology Pty Ltd  
(21) 2019900849 (22) 14.03.2019  
(54) ELECTRONIC ORAL MEDICAL DEVICE FOR NON-INVASIVE DISEASE DETECTION

(71) Energy Technology Services Pty Ltd  
(21) 2019900892 (22) 18.03.2019  
(54) FLUID ANALYSIS APPARATUS, SYSTEM AND METHOD

(71) Fitbeat Australia Pty Ltd  
(21) 2019900855 (22) 15.03.2019  
(54) A system for delivering a personalised dose of exercise

(71) Fletcher, P.  
(21) 2019900931 (22) 20.03.2019  
(54) Method And Apparatus For Wildfire Intervention

(71) Flip Out IP PTY LTD  
(21) 2019900899 (22) 19.03.2019  
(54) MULTI-FUNCTIONAL CONTAINER

(71) FREESTONE, S.  
(21) 2019900933 (22) 20.03.2019  
(54) NUTRITIONAL SUPPLEMENT

(71) Gardner, A.  
(21) 2019900840 (22) 14.03.2019  
(54) Recyclable coffee cup.

(71) Gardner, A.  
(21) 2019900915 (22) 20.03.2019  
(54) Recyclable coffee cup.

(71) Geldenhuys, B.; Sampson, P.  
(21) 2019900935 (22) 20.03.2019  
(54) Dredging apparatus

(71) Gelion Technologies Pty Ltd  
(21) 2019900911 (22) 19.03.2019  
(54) Carbon gel electrode

(71) GENOVESE, H.  
(21) 2019900895 (22) 18.03.2019  
(54) EXTENDABLE CAMERA ASSEMBLY FOR VEHICLE

Georgievski, P. see Reaby, L.  
(21) 2019900896

(71) GeoTrek Pty Ltd  
(21) 2019900921 (22) 20.03.2019  
(54) Hard Shell Camper Trailer

(71) GJW ENTERPRISES PTY. LTD.  
(21) 2019900945 (22) 21.03.2019  
(54) Device for Resealing Beverage Capsules

(71) Green Monster Offshore Pty Ltd  
(21) 2019900872 (22) 15.03.2019  
(54) Connection test apparatus

Grosset, J. see Travers, D.  
(21) 2019900831

Hall, D. see McCook, W.  
(21) 2019900900

(71) Hanna, J.  
(21) 2019900843 (22) 14.03.2019  
(54) Vertical action scissor lift

(71) HICKSON, B.  
(21) 2019900926 (22) 20.03.2019  
(54) AN IMPROVED METHOD OF FLAVOURING AND COLOURING SPIRITS

(71) Higgins, C.  
(21) 2019900875 (22) 17.03.2019  
(54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions

(71) Higgins, C.  
(21) 2019900898 (22) 19.03.2019  
(54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.

(71) Hislop, J.  
(21) 2019900812 (22) 12.03.2019  
(54) nXtBag Waxed canvas satchel bag with a removable insulated lunch bag/cooler bag

(71) HUNTSMAN CHEMICAL COMPANY AUSTRALIA PTY LTD  
(21) 2019900912 (22) 19.03.2019  
(54) A CHANNEL

(71) Illuminated Balustrade Australia Pty Ltd  
(21) 2019900886 (22) 18.03.2019  
(54) Wall supporting device

(71) INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.  
(21) 2019900852 (22) 14.03.2019  
(54) Borehole Casing Spider

(71) Ji, A.  
(21) 2019900873 (22) 16.03.2019  
(54) PregnancyCare - Mobile Application for Engagement, Health-Service Discovery & Direct Advice

(71) Johnstone, G.  
(21) 2019900918 (22) 20.03.2019  
(54) A tidal power generation system

(71) Karim, A.  
(21) 2019900942 (22) 21.03.2019  
(54) Efficient solar drying system integrated with double pass v-groove collector and conical rockbed storage

(71) Karim, A.  
(21) 2019900943 (22) 21.03.2019  
(54) Integrated heat pump, vacuum and microwave food drying system

(71) Kikai Holdings Pty Ltd  
(21) 2019900854 (22) 15.03.2019  
(54) An Automated Workforce Management System

(71) KIMICK HOLDINGS PTY LTD  
(21) 2019900859 (22) 15.03.2019  
(54) The Use of Virtual Reality and Augmented Reality for teaching Positive behavioural Learning outcomes.

(71) King, J.  
(21) 2019900881 (22) 18.03.2019  
(54) Improvements in Variable Compression Engines

Provisional Applications Filed - Name Index cont'd

(71) Levitech Holdings Pty Ltd  
(21) 2019900850 (22) 14.03.2019  
(54) APPARATUS FOR WORKING ON  
PITCHED ROOFS

(71) Lyons, S.; Ranken, S.  
(21) 2019900832 (22) 13.03.2019  
(54) Mechanisms and Methods for Wool  
Severance

(71) MacGillivray, D.J.  
(21) 2019900927 (22) 20.03.2019  
(54) Training Aid

**Mate, C. see McConnell, G.**  
(21) 2019900871

(71) Mazzeo Group Pty Ltd  
(21) 2019900897 (22) 19.03.2019  
(54) Straw

(71) McConnell, G.; Mate, C.; Thompson, J.  
(21) 2019900871 (22) 15.03.2019  
(54) Power Off Device - Smoke Alarm. The  
Power off device is activated by a signal  
from a smoke alarm. The device  
causes a 30ma signal to be sent to a  
switchboard residual current device.  
The residual current device, disconnects  
the electrical power from the circuit  
affected. Disconnecting the electrical  
energy before the ignition temperature  
is reached, may stop a fire from  
starting.

(71) McCook, W.; Hall, D.  
(21) 2019900900 (22) 19.03.2019  
(54) Bait

(71) MEDMONT INTERNATIONAL PTY LTD  
(21) 2019900848 (22) 14.03.2019  
(54) OPHTHALMOLOGICAL IMAGING  
METHOD, DEVICE AND SYSTEM

(71) Mercitech Pty Ltd  
(21) 2019900890 (22) 18.03.2019  
(54) CUTTING TOOL

(71) Mollaeiavanji, D.  
(21) 2019900902 (22) 19.03.2019  
(54) Blood culture collection apparatus and  
methods of use thereof

(71) Monash University  
(21) 2019900835 (22) 13.03.2019  
(54) METHOD OF PRODUCING  
NANOWIRES

(71) Nurovic, E.  
(21) 2019900903 (22) 19.03.2019  
(54) MINIMISING STATE CHANGES OF  
SMART CONTRACTS HOSTED ON  
AND EXECUTED BY DECENTRAL-  
ISED VIRTUAL MACHINES OF A DE-  
CENTRALISED NETWORK

(71) Olivia Newton-John Cancer Research  
Institute  
(21) 2019900863 (22) 15.03.2019  
(54) Method for treating, inhibiting or pre-  
venting colonic polyps

(71) Palmaya Pty Ltd  
(21) 2019900851 (22) 14.03.2019  
(54) Treatment of Inflammatory Disorders

**Parametric Systems Pty Ltd see C.J.H.  
Management Services Pty Ltd**  
(21) 2019900923

**Parametric Systems Pty Ltd see C.J.H.  
Management Services Pty Ltd**  
(21) 2019900924

(71) Payne, C.  
(21) 2019900901 (22) 19.03.2019  
(54) Pet accessory apparatus having ball  
throwing and drinking functionality

(71) PRANA BIOTECHNOLOGY LIMITED  
(21) 2019900867 (22) 15.03.2019  
(54) Compounds for Methods of Treating  
Diseases

(71) Prana Biotechnology Ltd  
(21) 2019900916 (22) 20.03.2019  
(54) A method for the production of 2-  
substituted-3H-quinazolin-4-ones-I

(71) Prana Biotechnology Ltd  
(21) 2019900917 (22) 20.03.2019  
(54) A method for the production of 2-  
substituted-3H-quinazolin-4-ones-II

**Ranken, S. see Lyons, S.**  
(21) 2019900832

(71) Reaby, L.; Georgievski, P.  
(21) 2019900896 (22) 19.03.2019  
(54) An Improved Polyurethane Core Build-  
ing Panel

(71) Reliance Worldwide Corporation (Aust.)  
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(21) 2019900930 (22) 20.03.2019  
(54) A bypass assembly for a mixing valve

(71) Risatec Pty Limited  
(21) 2019900906 (22) 19.03.2019  
(54) Apparatus for analysing sulphur

(71) Ronlen Family Trust  
(21) 2019900932 (22) 20.03.2019  
(54) An apparatus for microdermabrasion  
using a fluid medium

(71) Safe N Strong Pty Ltd  
(21) 2019900830 (22) 13.03.2019  
(54) System for securing an upright ladder

**Sampson, P. see Goldenhuys, B.**  
(21) 2019900935

(71) Samson Coffee House Pty Ltd  
(21) 2019900853 (22) 15.03.2019  
(54) APPARATUS FOR BREWING FILTER  
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(71) Sea to Summit Pty Ltd  
(21) 2019900893 (22) 18.03.2019  
(54) FIREARM BAG

(71) Skimmer Lids Pty Ltd  
(21) 2019900929 (22) 20.03.2019  
(54) A Mould for a Skimmer Box Lid

(71) Southall, T.  
(21) 2019900869 (22) 15.03.2019  
(54) Disc Brake Caliper location on a Rigid  
Bicycle Fork

(71) Southall, T.  
(21) 2019900870 (22) 15.03.2019  
(54) Disc Brake Caliper location on a Trail-  
ing-Link suspension fork

(71) Starboard Co. Ltd  
(21) 2019900920 (22) 20.03.2019  
(54) Attachment of fins to water-sports  
boards

(71) Start Smart Investments Pty Ltd  
(21) 2019900865 (22) 15.03.2019  
(54) Scaffolding mesh system

(71) Stelect Pty Ltd.  
(21) 2019900938 (22) 20.03.2019  
(54) Vessel Measurement Device and Pro-  
cess

(71) Suitor, O.  
(21) 2019900904 (22) 19.03.2019  
(54) A GRAIN STORAGE ARRANGEMENT

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(71) Suyambu Nainar, B.  
(21) 2019900936 (22) 20.03.2019  
(54) Smarter way to enhance productivity within an organisation

(71) SVSR PTY LTD  
(21) 2019900934 (22) 20.03.2019  
(54) System for the extraction of gases from confined spaces using photovoltaic energy with a heating element

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(21) 2019900887

(71) Talbot, S.  
(21) 2019900922 (22) 20.03.2019  
(54) Laundry Shelf

(71) Tamu Innovations Pty Ltd  
(21) 2019900919 (22) 20.03.2019  
(54) Functional Food Ingredient

(71) Tan, M.  
(21) 2019900884 (22) 18.03.2019  
(54) Wheelie Bin Assistive Device Aid

(71) The Bionics Institute of Australia  
(21) 2019900910 (22) 19.03.2019  
(54) Improved supraparticles II

(71) The trustee for the Dawson Family Trust  
(21) 2019900914 (22) 19.03.2019  
(54) SLEEP SAFE BABY VEST It is an object of this invention to provide a unique and novel designed garment, in a form of a vest configuration accompanied by two securing straps. The main primary securing strap which is secured around the circumference of a resting platform e.g. bassinet, crib, cradle or mattress etc. and the secondary securing strap is attached by sewing it onto the back of the vest. When both securing straps are attached together via Velcro patches this will complete an anchoring or harnessing system for the vest and the baby.

(71) The Trustee for The Mahon Family Trust  
(21) 2019900808 (22) 12.03.2019  
(54) The Nomad minimalist travel seat is a seat that supports your back for good posture by transferring the users weight to the knees, it provides a light weight travel seat for all users.

(71) THE UNIVERSITY OF ADELAIDE  
(21) 2019900845 (22) 14.03.2019  
(54) Formulation when used for attracting citrus gall wasp.

(71) The University of Melbourne  
(21) 2019900833 (22) 13.03.2019  
(54) Concealment of hypomineralised lesions

(71) The University of Melbourne  
(21) 2019900834 (22) 13.03.2019  
(54) Compositions and methods for promoting mineralization

(71) The University of Sydney  
(21) 2019900836 (22) 13.03.2019  
(54) Intragenic assessment and methods therefor

(71) The University of Sydney  
(21) 2019900844 (22) 14.03.2019  
(54) Methods and compounds for the treatment of cancer

(71) The Yield Technology Solutions Pty Ltd  
(21) 2019900889 (22) 18.03.2019  
(54) Sensor data quality control

(71) Third Zeton Pty Ltd  
(21) 2019900866 (22) 15.03.2019  
(54) A double road train vehicle

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(21) 2019900871

(71) Thompson, B.  
(21) 2019900891 (22) 18.03.2019  
(54) capacitor generator

(71) Trading Places Holdings Pty Ltd  
(21) 2019900876 (22) 17.03.2019  
(54) ITINERARY CREATIVE PLANNER

(71) Tran, H.  
(21) 2019900878 (22) 18.03.2019  
(54) OBJECT LOCATION IDENTIFICATION VIA MOBILE DEVICE VIBRATIONS

(71) Travers, D.; Grosset, J.  
(21) 2019900831 (22) 13.03.2019  
(54) Container Product Integrity System and Method

(71) TS Global Pty Ltd  
(21) 2019900837 (22) 13.03.2019  
(54) Tracking Idler for a Conveyor Belt

(71) University of Technology Sydney  
(21) 2019900939 (22) 20.03.2019  
(54) LIPOSOMES AND USES THEREOF

Valise.TV Pty Ltd see Cognitive Industries Pty Ltd  
(21) 2019900888

(71) Vast Solar Pty Ltd  
(21) 2019900909 (22) 19.03.2019  
(54) A method and system for calibrating an array of heliostats

(71) Vater, L.M.  
(21) 2019900880 (22) 18.03.2019  
(54) A BUILDING ARRANGEMENT AND A METHOD OF CONSTRUCTION THEREOF

(71) Veal, A.  
(21) 2019900858 (22) 15.03.2019  
(54) A MODULAR CONSTRUCT AND FABRIC COMPRISING SAME

(71) Voyager Innovations Pty Ltd  
(21) 2019900706 (22) 04.03.2019  
(54) WIRELESS DETONATION SYSTEM

(71) Willingdon Properties Pty Ltd  
(21) 2019900868 (22) 15.03.2019  
(54) Quick hitch

(71) Yule, F.  
(21) 2019900841 (22) 14.03.2019  
(54) RIGID-HULLED INFLATABLE BOAT

(71) Zenaji Australia Pty Ltd  
(21) 2019900925 (22) 20.03.2019  
(54) Photovoltaic Solar Energy Collection System



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2019900895	GENOVESE, H.		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Mar 2019 .

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

<hr/> <p>(71) 24/7 Customer, Inc. (21) 2019201760 (22) 14.03.2019 (54) IDENTIFICATION OF POINTS IN A USER WEB JOURNEY WHERE THE USER IS MORE LIKELY TO ACCEPT AN OFFER FOR INTERACTIVE ASSISTANCE (62) 2017202651</p> <hr/> <p>(71) 3M Innovative Properties Company (21) 2019201968 (22) 21.03.2019 (54) Magneto-mechanical marker with enhanced frequency stability and signal strength (62) 2016262393</p> <hr/> <p>(71) A &amp; A International, LLC (21) 2019201808 (22) 15.03.2019 (54) Thermal hydraulic propulsion system (31) 62/644,138 (32) 16.03.18 (33) US (62) PCT/US2017/058883</p> <hr/> <p>(71) AbbVie Ireland Unlimited Company (21) 2019201940 (22) 20.03.2019 (54) Anti-viral compounds (62) 2016238925</p> <hr/> <p><b>Abernethy Healthy Lifestyle Association Incorporated see Cripps Clark, J.</b> (21) 2019201903</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201821 (22) 15.03.2019 (54) GENERATING AN EXECUTION SCRIPT FOR CONFIGURATION OF A SYSTEM (31) 15/960,009 (32) 23.04.18 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201876 (22) 18.03.2019 (54) DETECTING CORRELATION AMONG SETS OF TIME SERIES DATA (31) 15/960,005 (32) 23.04.18 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201977 (22) 21.03.2019 (54) AERIAL MONITORING SYSTEM AND METHOD FOR IDENTIFYING AND LOCATING OBJECT FEATURES (31) 15/948,256 (32) 09.04.18 (33) US</p> <hr/>	<p>(71) Adobe Inc. (21) 2019201785 (22) 14.03.2019 (54) TRANSFER HTTP POST LAUNCH DATA TO A STATIC WEB SITE THROUGH A DYNAMIC STATELESS-SESSIONLESS HTTP SERVICE (31) 16/040,479 (32) 19.07.18 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019201787 (22) 14.03.2019 (54) COMPOSITING AWARE IMAGE SEARCH (31) 15/986,401 (32) 22.05.18 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019201961 (22) 20.03.2019 (54) SYSTEM FOR CONTENT-AWARE VECTOR PATH CREATION FROM RASTER IMAGE DATA (31) 15/996,115 (32) 01.06.18 (33) US</p> <hr/> <p>(71) Ainsworth Game Technology Limited (21) 2019201812 (22) 15.03.2019 (54) A gaming machine and method with bonus symbol position (31) 15/923,448 (32) 16.03.18 (33) US</p> <hr/> <p><b>Akindeju, M.K. see Akindeju, G.T.</b> (21) 2019201865</p> <hr/> <p>(71) Akindeju, G.T.; Akindeju, M.K. (21) 2019201865 (22) 18.03.2019 (54) Methods, control servers, and an on-board vehicle device</p> <hr/> <p><b>Akindeju, M.K. see Akindeju, G.T.</b> (21) 2019201866</p> <hr/> <p>(71) Akindeju, G.T.; Akindeju, M.K. (21) 2019201866 (22) 18.03.2019 (54) Method of vehicle-to-vehicle communication</p> <hr/> <p>(71) Aktiebolaget SKF (21) 2019201845 (22) 18.03.2019 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING (31) 15/994,125 (32) 31.05.18 (33) US</p> <hr/> <p>(71) Aktiebolaget SKF (21) 2019201846 (22) 18.03.2019</p>	<p>(54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING (31) 15/994,223 (32) 31.05.18 (33) US</p> <hr/> <p>(71) Aktiebolaget SKF (21) 2019201847 (22) 18.03.2019 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING (31) 15/993,865 (32) 31.05.18 (33) US</p> <hr/> <p>(71) Aktiebolaget SKF (21) 2019201848 (22) 18.03.2019 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING (31) 15/994,070 (32) 31.05.18 (33) US</p> <hr/> <p>(71) Aktiebolaget SKF (21) 2019201849 (22) 18.03.2019 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING (31) 15/994,031 (32) 31.05.18 (33) US</p> <hr/> <p>(71) Allergan, Inc. (21) 2019201884 (22) 19.03.2019 (54) Composition of a sustained-release delivery and method of stabilizing proteins during fabrication process (62) 2014236938</p> <hr/> <p>(71) ANTERIOS, INC. (21) 2019201902 (22) 19.03.2019 (54) DERMAL DELIVERY (62) 2016203139</p> <hr/> <p>(71) API Labs Inc. (21) 2019201771 (22) 14.03.2019 (54) HIGH THEBAINE POPPY AND METHODS OF PRODUCING THE SAME (62) 2017310339</p> <hr/> <p>(71) Apple Inc. (21) 2019201853 (22) 18.03.2019 (54) User interface for managing controllable external devices (62) 2017286129</p> <hr/> <p>(71) Applied Aged Care Solutions Pty Ltd (21) 2019201932 (22) 20.03.2019</p>
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<p>(54) A workforce allocation method (62) 2013308392</p> <hr/> <p>(71) Arbitron Inc. (21) 2019201945 (22) 20.03.2019 (54) Gathering research data (62) 2016253626</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201944 (22) 20.03.2019 (54) TRANSLATING XML WITH MULTIPLE NAMESPACE EXTENSIONS (62) 2016247060</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201781 (22) 14.03.2019 (54) GAMING APPARATUS AND METHOD WITH DEPENDENT FEATURE GAME (62) 2017202124</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201796 (22) 15.03.2019 (54) ENHANCED ELECTRONIC GAMING MACHINES PROVIDING SELECTIVELY VOLATILE WAGER OUTCOMES (31) 15/936,115 (32) 26.03.18 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201878 (22) 18.03.2019 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017248453</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201908 (22) 19.03.2019 (54) GAMING DEVICE WITH PRIZE LADDER</p> <hr/> <p>(71) Association Institut De Myologie (21) 2019201861 (22) 18.03.2019 (54) Widespread gene delivery of gene therapy vectors (62) 2013279284</p> <hr/> <p>(71) Aurora Flight Sciences Corporation (21) 2019201954 (22) 20.03.2019 (54) System and method to reflect radar using aircraft (31) 16/003,709 (32) 08.06.18 (33) US</p> <hr/> <p>(71) B&amp;D Australia Pty Ltd (21) 2019201893 (22) 19.03.2019 (54) Overhead rolling door packaging (31) 2018900908 (32) 20.03.18 (33) AU</p>	<p>(71) BASF Enzymes LLC (21) 2019201717 (22) 13.03.2019 (54) Genes encoding cellulase (62) 2013240364</p> <hr/> <p>(71) BatMark Limited (21) 2019201795 (22) 15.03.2019 (54) Device and method (62) 2015303019</p> <hr/> <p><b>Bauer, G. see The Regents of the University of California</b> (21) 2019201858</p> <hr/> <p>(71) Baxalta GmbH; Baxalta Incorporated (21) 2019201874 (22) 18.03.2019 (54) Nucleophilic catalysts for oxime linkage (62) 2017276255</p> <hr/> <p><b>Baxalta Incorporated see Baxalta GmbH</b> (21) 2019201874</p> <hr/> <p>(71) Bayer HealthCare LLC (21) 2019201814 (22) 15.03.2019 (54) Monoclonal antibodies against tissue factor pathway inhibitor (TFPI) (62) 2017203105</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2019201895 (22) 19.03.2019 (54) Flow pathway subassembly (62) 2014259600</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019201809 (22) 15.03.2019 (54) Active voltage location (AVL) resolution (31) 15/966,514 (32) 30.04.18 (33) US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019201943 (22) 20.03.2019 (54) Low-profile location pad for magnetic-based intra-body probe tracking system (62) 2014274640</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019201973 (22) 21.03.2019 (54) Static virtual camera positioning (31) 15/940,593 (32) 29.03.18 (33) US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019201974 (22) 21.03.2019 (54) Locating an opening of a body cavity (31) 15/940,613 (32) 29.03.18 (33) US</p> <hr/> <p>(71) BitScan Pty Ltd (21) 2019201798 (22) 15.03.2019 (54) AUTOMATICALLY ASSIGNING CRYPTOGRAPHIC TOKENS TO CRYPTOCURRENCY WALLET ADDRESSES</p>	<p>VIA A SMART CONTRACT IN RESPONSE TO ANALYSIS OF TRANSACTION DATA</p> <hr/> <p>(71) Blackhawk Network, Inc. (21) 2019201864 (22) 18.03.2019 (54) A system for packaging, processing, activating, and deactivating multiple individual transaction cards as a singular unit (62) 2017202494</p> <hr/> <p>(71) Borealis Technical Limited (21) 2019201928 (22) 20.03.2019 (54) EPICYCLIC GEARBOX (31) 62/647,172 (32) 23.03.18 (33) US</p> <hr/> <p>(71) British American Tobacco (Investments) Limited (21) 2019201774 (22) 14.03.2019 (54) Apparatus for heating smokable material (62) 2016313700</p> <hr/> <p>(71) British American Tobacco (Investments) Limited (21) 2019201797 (22) 15.03.2019 (54) Article for use with apparatus for heating smokable material (62) 2016313704</p> <hr/> <p>(71) Buildsafe Equipment Sales Pty Ltd (21) 2019201947 (22) 20.03.2019 (54) Improvements Relating to Scaffold Systems</p> <hr/> <p>(71) CamelBak Products, LLC (21) 2019201964 (22) 21.03.2019 (54) Backpacks with cooperatively adjusted hip belts and compression straps (62) PCT/US2018/037449</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2019201822 (22) 15.03.2019 (54) BRDF scanning using an imaging capture system</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2019201825 (22) 15.03.2019 (54) Multi-scale alignment pattern</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2019201935 (22) 20.03.2019 (54) Cartridge, member constituting cartridge, and image forming apparatus (62) 2015354534</p> <hr/> <p>(71) Carbon Areion Pty Ltd (21) 2019201780 (22) 14.03.2019 (54) Horse Safety Device</p>
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<p>(71) Cardiosolutions, Inc. (21) 2019201773 (22) 14.03.2019 (54) MITRAL VALVE SPACER AND SYSTEM AND METHOD FOR IMPLANTING THE SAME (62) 2014277902</p>	<p>(71) Covidien LP (21) 2019201904 (22) 19.03.2019 (54) Latch assemblies and surgical instruments including the same (31) 62/662,269 (32) 25.04.18 (33) US 16/262,220 30.01.19 US</p>	<p>(71) Crown Equipment Corporation (21) 2019201975 (22) 21.03.2019 (54) Fork integrated pallet clamp (31) 15/988,267 (32) 24.05.18 (33) US</p>
<p>(71) Collectis (21) 2019201818 (22) 15.03.2019 (54) CD19 specific chimeric antigen receptor and uses thereof (62) 2014267436</p>	<p>(71) Covidien LP (21) 2019201906 (22) 19.03.2019 (54) End effector assemblies, drive sleeves, and surgical clip appliers incorporating the same (31) 62/661,758 (32) 24.04.18 (33) US 16/26,1716 30.01.19 US</p>	<p>(71) CROWN EQUIPMENT CORPORATION (21) 2019201794 (22) 15.03.2019 (54) Dynamic operator behavior analyzer (62) 2014315126</p>
<p><b>Charpentier, E. see The Regents of the University of California</b> (21) 2019201850</p>	<p>(71) Covidien LP (21) 2019201910 (22) 19.03.2019 (54) Circular stapling apparatus with pinned buttress (31) 15/966,283 (32) 30.04.18 (33) US</p>	<p><b>Department of Veterans Affairs (US) see MUSC Foundation for Research Development</b> (21) 2019201826</p>
<p>(71) Chunan Liyi Cup Co., Ltd. (21) 2019201958 (22) 20.03.2019 (54) An instant coffee cup (31) 2019101823865 (32) 12.03.19 (33) CN</p>	<p>(71) Covidien LP (21) 2019201962 (22) 21.03.2019 (54) Cannula assembly with collapsible fixation device (31) 62/653,859 (32) 06.04.18 (33) US 16/279,169 19.02.19 US</p>	<p>(71) Diogenes Limited (21) 2019201870 (22) 18.03.2019 (54) Pool wagering apparatus, methods and systems (62) 2017203168</p>
<p>(71) CiiLOCK Engineering Pty Ltd (21) 2019201901 (22) 19.03.2019 (54) A roller carriage for a slidable panel and a wheel carrying member for the same (31) 2018901105 (32) 04.04.18 (33) AU</p>	<p>(71) Covidien LP (21) 2019201965 (22) 21.03.2019 (54) Ligation clip with latching and retention features (31) 16/261,662 (32) 30.01.19 (33) US 62/655,882 11.04.18 US</p>	<p>(71) Dolby International AB (21) 2019201900 (22) 19.03.2019 (54) Method and device for rendering an audio soundfield representation for audio playback (62) 2017203820</p>
<p>(71) Colgate-Palmolive Company (21) 2019201768 (22) 14.03.2019 (54) Oral care implement (62) 2016371601</p>	<p>(71) Covidien LP (21) 2019201966 (22) 21.03.2019 (54) Surgical clip applier (31) 16/262,073 (32) 30.01.19 (33) US 62/662,284 25.04.18 US</p>	<p>(71) Dongyang Haoming Clothing Co., Ltd. (21) 2019201832 (22) 15.03.2019 (54) A wearable device (31) 201910176226X (32) 08.03.19 (33) CN</p>
<p>(71) Colgate-Palmolive Company; MONDELEZ GLOBAL LLC (21) 2019201816 (22) 15.03.2019 (54) POROUS PROTEIN PARTICLES AS CARRIERS FOR ACTIVES (62) 2016252393</p>	<p>(71) Cripps Clark, J.; Abernethy Healthy Lifestyle Association Incorporated (21) 2019201903 (22) 19.03.2019 (54) CROWDCALLECT – AN APP THAT ALLOWS POTENTIAL COMMUNITY PROJECT DEVELOPERS TO COLLECT : CREDIBLE PLEDGES FOR EQUITY PLUS LOAN OFFERS AND CAPITAL DONATIONS AS WELL AS PRELIMINARY USAGE NOMINATIONS, MEMBERSHIPS AND PURCHASE OFFERS FOR FUTURE GOODS OR SERVICES SUCH THAT ALL THESE LIKELY PARTICIPATIONS CAN BE ESTIMATED AND MAPPED TO DEVELOPMENT OPTIONS AND HIGHER CONFIDENCE SOCIAL IMPACTS FOR DEVELOPING STRONGER DEVELOPMENT PROJECT BUSINESS CASES, INCLUDING PROVISION OF PUBLIC INFRASTRUCTURE. (62) 2018100540</p>	<p>(71) Dose Medical Corporation (21) 2019201946 (22) 20.03.2019 (54) Implants with controlled drug delivery features and methods of using same (62) 2014237278</p>
<p>(71) Colgate-Palmolive Company (21) 2019201855 (22) 18.03.2019 (54) Oral care implement and spiral bristle for use with the same (62) 2015417104</p>	<p>(71) Dow AgroSciences LLC (21) 2019201931 (22) 20.03.2019 (54) Picolinamide compounds with fungicidal activity (62) 2015380298</p>	<p>(71) Dow AgroSciences LLC (21) 2019201950 (22) 20.03.2019 (54) Molecules having pesticidal utility, and intermediates, compositions, and processes, related thereto (62) 2016249814</p>
<p>(71) Colgate-Palmolive Company (21) 2019201890 (22) 19.03.2019 (54) Light emitting oral care implement (62) 2016381246</p>	<p>(71) Dow AgroSciences LLC (21) 2019201951 (22) 20.03.2019 (54) Molecules having pesticidal utility, and intermediates, compositions, and processes, related thereto (62) 2016247768</p>	<p>(71) Dow AgroSciences LLC (21) 2019201951 (22) 20.03.2019 (54) Molecules having pesticidal utility, and intermediates, compositions, and processes, related thereto (62) 2016247768</p>
<p>(71) Corning Cable Systems LLC (21) 2019201802 (22) 15.03.2019 (54) HIGH DENSITY AND BANDWIDTH FIBER OPTIC APPARATUSES AND RELATED EQUIPMENT AND METHODS (62) 2017221853</p>		

Complete Applications Filed - Name Index cont'd

(71) Drilling Info, Inc.  
(21) 2019201880 (22) 18.03.2019  
(54) SYSTEM AND METHOD FOR AUTOMATICALLY CORRELATING GEOLOGIC TOPS  
(62) 2017203485

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(71) Dropbox, Inc.  
(21) 2019201854 (22) 18.03.2019  
(54) User interface extender  
(62) 2017385053

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(71) Duke University  
(21) 2019201763 (22) 14.03.2019  
(54) DEVICES, SYSTEMS AND METHODS FOR DEEP BRAIN STIMULATION PARAMETERS  
(62) 2014268697

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(71) E. Mishan & Sons, Inc.  
(21) 2019201905 (22) 19.03.2019  
(54) STACKABLE AND NESTABLE COOKWARE HAVING A STABLE CONFIGURATION  
(31) 29/675,505 (32) 02.01.19 (33) US  
62/782,114 19.12.18 US  
16/245,814 11.01.19 US

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(71) Endotronix, Inc.  
(21) 2019201803 (22) 15.03.2019  
(54) PRESSURE SENSING IMPLANT  
(62) 2014275484

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(71) Facebook, Inc.  
(21) 2019201800 (22) 15.03.2019  
(54) Incorporation of content from an external followed user within a social networking system  
(62) 2014212817

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(71) Facebook, Inc.  
(21) 2019201872 (22) 18.03.2019  
(54) Sponsored stories in notifications  
(62) 2013331526

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(71) Farmalinx Pty Ltd  
(21) 2019201919 (22) 20.03.2019  
(54) WATER-DISPERSIBLE GRANULES  
(31) 2018900971 (32) 23.03.18 (33) AU

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Fayad, J. see Schentag, J.  
(21) 2019201917

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Fierro, F. see The Regents of the University of California  
(21) 2019201858

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(71) Fisher & Paykel Healthcare Limited  
(21) 2019201765 (22) 14.03.2019

(54) MEDICAL TUBES AND METHODS OF MANUFACTURE  
(62) 2017201301

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(71) Flexco (Aust) Pty. Ltd.  
(21) 2019201949 (22) 20.03.2019  
(54) A conveyor belt cleaner pole  
(31) 2018901602 (32) 10.05.18 (33) AU

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(71) FMC Corporation  
(21) 2019201948 (22) 20.03.2019  
(54) High-load pyrethroid encapsulated seed treatment formulations  
(62) 2015219004

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(71) Gauthier Biomedical, Inc.  
(21) 2019201877 (22) 18.03.2019  
(54) ELECTRONIC TORQUE WRENCH  
(62) 2013347775

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(71) General Electric Company  
(21) 2019201909 (22) 19.03.2019  
(54) ENCLOSURE FOR A GAS TURBINE ENGINE  
(31) 15/925,921 (32) 20.03.18 (33) US

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(71) GEN-PROBE INCORPORATED  
(21) 2019201976 (22) 21.03.2019  
(54) Indexing signal detection module  
(62) 2017208207

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(71) Gilead Pharmasset LLC  
(21) 2019201939 (22) 20.03.2019  
(54) Antiviral compounds  
(62) 2017202461

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(71) GNG Eelectrical Pty Ltd  
(21) 2019201918 (22) 20.03.2019  
(54) GENERATION LOAD CONTROL  
(62) 2015258761

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(71) Gruppo Cimbali S.p.A.  
(21) 2019201967 (22) 21.03.2019  
(54) LEVER-OPERATED DISPENSING UNIT FOR COFFEE MACHINES  
(31) 10201800003883 (32) 22.03.18 (33) IT

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(71) Hager-Electro SAS  
(21) 2019201801 (22) 15.03.2019  
(54) Connecting device for an electrical unit, electrical unit comprising said connecting device and associated distribution box  
(31) 1853453 (32) 19.04.18 (33) FR

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(71) Halliburton Energy Services, Inc.  
(21) 2019201759 (22) 14.03.2019  
(54) SINGLE TRIP DUAL ZONE SELECTIVE GRAVEL PACK  
(31) 16/295,068 (32) 07.03.19 (33) US  
62/646,310 21.03.18 US

(71) Hangzhou Zhenhang Crystal Co., Ltd.  
(21) 2019201960 (22) 20.03.2019  
(54) A storage apparatus for crystal accessories  
(31) 2019101889097 (32) 13.03.19 (33) CN

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(71) HERE Global B.V.  
(21) 2019201834 (22) 15.03.2019  
(54) Geometric fingerprinting for localization of a device  
(62) 2015370579

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(71) Hewlett-Packard Development Company, L.P.  
(21) 2019201936 (22) 20.03.2019  
(54) Replaceable item authentication  
(62) 2016325189

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(71) Horizon Therapeutics LLC  
(21) 2019201811 (22) 15.03.2019  
(54) Methods of therapeutic monitoring of phenylacetic acid prodrugs  
(62) 2018200163

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(71) Huawei Technologies Co., Ltd.  
(21) 2019201810 (22) 15.03.2019  
(54) COMMUNICATIONS METHOD OF WEARABLE DEVICE, COMMUNICATIONS SYSTEM, AND RELATED DEVICE  
(62) 2014406395

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(71) I Cook Catering Services Pty Ltd  
(21) 2019201778 (22) 14.03.2019  
(54) A TEXTURE MODIFIED FOOD PRODUCT

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(71) Illinois Tool Works Inc.  
(21) 2019201764 (22) 14.03.2019  
(54) Conveyor dishwasher  
(31) 10 2018 106 340.7 (32) 19.03.18 (33) DE

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(71) Illinois Tool Works Inc.  
(21) 2019201933 (22) 20.03.2019  
(54) Rebate formwork system for slip form casting  
(62) 2013231067

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(71) Immune Design Corp  
(21) 2019201927 (22) 20.03.2019  
(54) Vaccines For HSV-2  
(62) 2013262691

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(71) Intact Vascular, Inc.  
(21) 2019201873 (22) 18.03.2019  
(54) Delivery device and method of delivery  
(62) 2016211229

Complete Applications Filed - Name Index cont'd

(71) Interroll Holding AG  
 (21) 2019201972 (22) 21.03.2019  
 (54) Locking device and method for locking a wheel track to an end beam, carton flow bed rack and use  
 (31) 18290024.1 (32) 28.03.18 (33) EP

(71) Intersurgical AG; Nasir, M.  
 (21) 2019201921 (22) 20.03.2019  
 (54) Intubating Airway Device  
 (62) 2014369430

(71) Ionis Pharmaceuticals, Inc.  
 (21) 2019201882 (22) 19.03.2019  
 (54) MODULATION OF ANGIOPOIETIN-LIKE 3 EXPRESSION  
 (62) 2017201078

(71) Ishida Co., Ltd.  
 (21) 2019201894 (22) 19.03.2019  
 (54) CONTINUOUS BAG-MAKING AND PACKAGING APPARATUS  
 (31) 2018-051966 (32) 20.03.18 (33) JP

(71) Jabella Pty Ltd  
 (21) 2019201899 (22) 19.03.2019  
 (54) Connection Assembly  
 (31) 2018904264 (32) 08.11.18 (33) AU  
 2018900900 19.03.18 AU

(71) JADHAV, A.  
 (21) 2019201971 (22) 21.03.2019  
 (54) PLATFORM AGNOSTIC MODULAR FRAMEWORK  
 (62) 2013315670

(71) Jinyun Xinyang Crafts&Gifts Co., Ltd.  
 (21) 2019201827 (22) 15.03.2019  
 (54) A Convenient Wallet  
 (31) 2019101757204 (32) 08.03.19 (33) CN

(71) Jinyun Xinyang Crafts&Gifts Co., Ltd.  
 (21) 2019201839 (22) 15.03.2019  
 (54) A creative coffee spoon capable of automatically adding sugar  
 (31) 2019101689743 (32) 06.03.19 (33) CN

(71) Jinyun Xinyang Crafts&Gifts Co., Ltd.  
 (21) 2019201969 (22) 21.03.2019  
 (54) A creative coffee stirring spoon with a thermostatic control  
 (31) 2019101881682 (32) 13.03.19 (33) CN

(71) Johnson & Johnson Surgical Vision, Inc.  
 (21) 2019201915 (22) 20.03.2019  
 (54) Automatically pulsing different aspiration levels to an ocular probe  
 (62) 2017219146

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
 (21) 2019201807 (22) 15.03.2019  
 (54) Acidic gas absorbent, acidic gas removal method and acidic gas removal apparatus  
 (31) 2018-100707 (32) 25.05.18 (33) JP

(71) Kaihua Dali Cup Co., Ltd.  
 (21) 2019201959 (22) 20.03.2019  
 (54) A stirring coffee cup  
 (31) 2019101823808 (32) 12.03.19 (33) CN

(71) Karyopharm Therapeutics Inc.  
 (21) 2019201642 (22) 11.03.2019  
 (54) Substituted benzofuranyl and benzoxazolyl compounds and uses thereof  
 (62) 2014285019

(71) Kerfton Pty Ltd  
 (21) 2019201953 (22) 20.03.2019  
 (54) MOVABLE MOUNTING SYSTEM  
 (31) 2018900998 (32) 26.03.18 (33) AU

(71) Komatsu Ltd.  
 (21) 2019201793 (22) 15.03.2019  
 (54) Construction management system and construction management method  
 (62) 2016336320

(71) Krueger Transport Equipment Pty Ltd  
 (21) 2019201762 (22) 14.03.2019  
 (54) Adjustable rack

(71) Landmark Graphics Corporation  
 (21) 2019201852 (22) 18.03.2019  
 (54) SYSTEMS AND METHODS FOR SURFACE OIL RECOVERY OPTIMIZATION  
 (62) 2017218931

(71) Lanxi Huijie Household Products Co., Ltd.  
 (21) 2019201784 (22) 14.03.2019  
 (54) A heat insulating glove for home use  
 (31) 2019101689245 (32) 06.03.19 (33) CN

(71) Lanxi Huijie Household Products Co., Ltd.  
 (21) 2019201813 (22) 15.03.2019  
 (54) A liquid dispensing bottle  
 (31) 2019101760673 (32) 08.03.19 (33) CN

(71) Linhai Shengzhi Cup Industry Co., Ltd.  
 (21) 2019201817 (22) 15.03.2019  
 (54) A cup capable of automatically crushing tea cakes  
 (31) 2019101764513 (32) 08.03.19 (33) CN

(71) Littelfuse, Inc.  
 (21) 2019201769 (22) 14.03.2019

(54) Monitor device, ground fault protection circuit and techniques  
 (31) 62/644,359 (32) 16.03.18 (33) US  
 16/297,487 08.03.19 US

(71) Littelfuse, Inc.  
 (21) 2019201770 (22) 14.03.2019  
 (54) Monitor device, ground fault protection circuit and techniques  
 (31) 16/297,501 (32) 08.03.19 (33) US  
 62/644,359 16.03.18 US

(71) Loftus, D.  
 (21) 2019201772 (22) 14.03.2019  
 (54) A valve assembly  
 (31) 2018902135 (32) 15.06.18 (33) AU  
 2018902850 06.08.18 AU

(71) Longquan Shengzhi Cup Industry Co., Ltd.  
 (21) 2019201842 (22) 15.03.2019  
 (54) A coffee cup with automatic cleaning function  
 (31) 2019101764528 (32) 08.03.19 (33) CN

(71) Luminex Corporation  
 (21) 2019201779 (22) 14.03.2019  
 (54) METHODS FOR GENERATING STABILIZED LYOPHILIZED MATERIALS  
 (62) 2015277436

(71) Manitou Italia S.r.l.  
 (21) 2019202041 (22) 25.03.2019  
 (54) A device for supplying and modifying a cylinder cubic capacity of a hydraulic motor  
 (31) 102017000106781 (32) 25.09.17 (33) IT

(71) Marchesi, N.  
 (21) 2019202087 (22) 18.03.2019  
 (54) Driver Monitoring Techniques  
 (62) 2013101780

(71) Mestek Machinery, Inc.  
 (21) 2019201925 (22) 20.03.2019  
 (54) Protection System for Laser Cutting Machine  
 (31) 15/905,957 (32) 27.02.18 (33) US

(71) Microsoft Technology Licensing, LLC  
 (21) 2019201885 (22) 19.03.2019  
 (54) Client-side integration framework of services  
 (62) 2015253520

(71) Microsoft Technology Licensing, LLC  
 (21) 2019201941 (22) 20.03.2019  
 (54) Computing long-term schedules for data transfers over a wide area network  
 (62) 2015229558

Complete Applications Filed - Name Index cont'd

(71) Millennium Pharmaceuticals, Inc.  
(21) 2019201926 (22) 20.03.2019  
(54) FORMULATION FOR ANTI- $\alpha$ 4 $\beta$ 7 ANTI-BODY  
(62) 2016231469

(71) Mitral Valve Technologies Sàrl  
(21) 2019201806 (22) 15.03.2019  
(54) Valve docking devices, systems and methods  
(62) 2017254819

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.  
(21) 2019201790 (22) 15.03.2019  
(54) CONTROL DEVICE, AIR CONDITIONER, CONTROL METHOD, AND PROGRAM  
(31) 2018-061733 (32) 28.03.18 (33) JP

**MONDELEZ GLOBAL LLC see Colgate-Palmolive Company**  
(21) 2019201816

(71) Monteleone, G.  
(21) 2019201767 (22) 14.03.2019  
(54) FLAT PACK FURNITURE ASSEMBLY  
(31) 2018900835 (32) 14.03.18 (33) AU

(71) Muffett, R.  
(21) 2019201889 (22) 19.03.2019  
(54) Absorption of Atmospheric Carbon Dioxide  
(62) 2014353874

(71) MUSC Foundation for Research Development; The Regents of the University of Colorado, A Body Corporate; Department of Veterans Affairs (US)  
(21) 2019201826 (22) 15.03.2019  
(54) TARGETING CONSTRUCTS BASED ON NATURAL ANTIBODIES AND USES THEREOF  
(62) 2014209350

(71) Nanosphere Health Sciences, LLC  
(21) 2019201792 (22) 15.03.2019  
(54) Lipid nanoparticle compositions and methods as carriers of cannabinoids in standardized precision-metered dosage forms  
(62) 2015385825

(71) NantOmics, LLC  
(21) 2019201869 (22) 18.03.2019  
(54) Systems and methods for high-accuracy variant calling  
(62) 2016311444

**Nasir, M. see Intersurgical AG**  
(21) 2019201921

(71) Neuroolutions, Inc.  
(21) 2019201914 (22) 19.03.2019  
(54) BRAIN-CONTROLLED BODY MOVEMENT ASSISTANCE DEVICES AND METHODS  
(62) 2014237444

(71) Nien Made Enterprise Co., Ltd.  
(21) 2019201868 (22) 18.03.2019  
(54) Cutting module of cutting machine for window covering  
(31) 107205323 (32) 24.04.18 (33) TW

(71) Ningbo Junxing Daily Commodity Co., Ltd.  
(21) 2019201824 (22) 15.03.2019  
(54) A tablecloth for convenient automatic replacement  
(31) 2019101760599 (32) 08.03.19 (33) CN

**Nolta, J. see The Regents of the University of California**  
(21) 2019201858

(71) Novartis AG  
(21) 2019201929 (22) 20.03.2019  
(54) Ribociclib tablet  
(62) 2016248017

(71) Novartis AG  
(21) 2019201938 (22) 20.03.2019  
(54) Silicone hydrogel lenses with water-rich surfaces  
(62) 2017210561

(71) ObsEva SA  
(21) 2019201859 (22) 18.03.2019  
(54) PYRROLIDINE DERIVATIVES AS OXYTOCIN / VASOPRESSIN V1a RECEPTORS ANTAGONISTS  
(62) 2018201730

(71) Oncocotics, Inc.  
(21) 2019201896 (22) 19.03.2019  
(54) Combination therapy with 7-benzyl-10-(2-methylbenzyl)-2,6,7,8,9,10-hexahydroimidazo[1,2-a]pyrido[4,3-d]pyrimidin-5(3h)-one  
(62) 2014244117

(71) Ortho Regenerative Technologies Inc.  
(21) 2019201746 (22) 13.03.2019  
(54) FREEZE-DRIED POLYMER COMPOSITIONS FOR MIXING WITH PLATELET RICH PLASMA TO FORM IMPLANTS FOR TISSUE REPAIR AND/OR COMPOSITIONS FOR THERAPEUTIC INTRA-ARTICULAR INJECTIONS  
(62) 2015221389

(71) Osvath, L.; Shapiro, C.  
(21) 2019201766 (22) 14.03.2019  
(54) Systems and methods for diagnosis of depression and other medical conditions  
(62) 2014273790

(71) P.G. & A.M. Campbell Pty. Limited  
(21) 2019201912 (22) 19.03.2019  
(54) Fertilizer  
(62) 2018200364

(71) Panasonic Appliances Cold Chain (Dalian) Co., Ltd.  
(21) 2019201942 (22) 20.03.2019  
(54) REFRIGERATION EQUIPMENT AND ITS GUIDE RAILS AND INTELLIGENT REFRIGERATION CABINET WITH PULL-OUT REFRIGERATION UNIT  
(31) 201910055985.0 (32) 21.01.19 (33) CN  
201920102051.3 21.01.19 CN

**Pepper, K. see The Regents of the University of California**  
(21) 2019201858

(71) Poly Medicure Limited  
(21) 2019201867 (22) 18.03.2019  
(54) Transfer device valve  
(62) 2014236130

(71) Pono Life Pty Ltd as Trustee for The Pono Life Trust  
(21) 2019201823 (22) 15.03.2019  
(54) PALS ADAPTER SYSTEM  
(31) 2018901052 (32) 29.03.18 (33) AU

(71) President and Fellows of Harvard College  
(21) 2019201862 (22) 18.03.2019  
(54) Quinone and hydroquinone based flow battery  
(62) 2014324647

(71) President and Fellows of Harvard College  
(21) 2019201888 (22) 19.03.2019  
(54) Cortistatin analogues and syntheses and uses thereof  
(62) 2014369834

(71) Pujiang County Jingjiu Crystal Co., Ltd.  
(21) 2019201843 (22) 15.03.2019  
(54) A crystal sunflower toy  
(31) 2019101655130 (32) 05.03.19 (33) CN

**Reis, H. see Temple University-Of The Commonwealth System of Higher Education**  
(21) 2019201799

Complete Applications Filed - Name Index cont'd

(71) Ricoh Company, Limited  
 (21) 2019201957 (22) 20.03.2019  
 (54) Toner Container, Process Cartridge,  
 And Image Forming Apparatus  
 (62) 2017218943

(71) Robert Bosch GmbH  
 (21) 2019201871 (22) 18.03.2019  
 (54) Brake controller system comprising a  
 trailer mounted brake controller and a  
 towing vehicle mounted brake controller  
 (31) 102018213854.0 (32) 17.08.18 (33) DE

(71) Rothamsted Research Ltd  
 (21) 2019201875 (22) 18.03.2019  
 (54) Production of omega-3 long chain poly-  
 unsaturated fatty acids  
 (62) 2013246661

(71) RV Lizenz AG  
 (21) 2019201819 (22) 15.03.2019  
 (54) Combined energy network  
 (62) 2014351806

(71) S & C BACK FAMILY TRUST  
 (21) 2019201791 (22) 15.03.2019  
 (54) "PLUS" SHAPED PLASTIC REBAR  
 CHAIR  
 (31) 2018901336 (32) 23.04.18 (33) AU

(71) Sanmen Yilin Eyewear Co., Ltd.  
 (21) 2019201783 (22) 14.03.2019  
 (54) An anti-dropping glasses case  
 (31) 2019101689762 (32) 06.03.19 (33) CN

(71) Sanmen Yilin Eyewear Co., Ltd.  
 (21) 2019201836 (22) 15.03.2019  
 (54) A glasses case with a cleaning capabil-  
 ity  
 (31) 2019101757261 (32) 08.03.19 (33) CN

(71) Schentag, J.; Fayad, J.  
 (21) 2019201917 (22) 20.03.2019  
 (54) Compositions, Methods of Treatment  
 and Diagnostics for Treatment of Hep-  
 atic Steatosis alone or in Combination  
 with a Hepatitis C Virus Infection  
 (62) 2017202713

(71) ServiceNow, Inc.  
 (21) 2019201891 (22) 19.03.2019  
 (54) Method and system for automated in-  
 tent mining, classification and disposi-  
 tion  
 (31) 16/179,681 (32) 02.11.18 (33) US  
 62/659,710 19.04.18 US  
 62/646,916 23.03.18 US  
 62/652,903 05.04.18 US  
 62/657,751 14.04.18 US  
 62/646,917 23.03.18 US  
 62/646,915 23.03.18 US

Shapiro, C. see Osvath, L.  
 (21) 2019201766

(71) Shengzhou Huijie Household Products  
 Co., Ltd.  
 (21) 2019201837 (22) 15.03.2019  
 (54) An expandable clothes airing basket  
 (31) 2019101689724 (32) 06.03.19 (33) CN

(71) Shengzhou Huijie Household Products  
 Co., Ltd.  
 (21) 2019201838 (22) 15.03.2019  
 (54) A liftable clothes airing basket  
 (31) 2019101771358 (32) 08.03.19 (33) CN

(71) Singh, S.  
 (21) 2019201956 (22) 20.03.2019  
 (54) Cumulative Power Generation  
 (62) 2017201714

(71) Smith & Nephew Inc.; University of  
 Massachusetts  
 (21) 2019201930 (22) 20.03.2019  
 (54) Negative pressure wound closure  
 device and systems and methods of  
 use in treating wounds with negative  
 pressure.  
 (62) 2014248519

(71) Sony Semiconductor Solutions Corpor-  
 ation  
 (21) 2019201805 (22) 15.03.2019  
 (54) Distance measurement processing ap-  
 paratus, distance measurement mod-  
 ule, distance measurement processing  
 method, and program  
 (31) 2018-087512 (32) 27.04.18 (33) JP

(71) Stack, T.  
 (21) 2019201860 (22) 18.03.2019  
 (54) TOURBILLION LURE

(71) STUDCO AUSTRALIA PTY LTD  
 (21) 2019201775 (22) 14.03.2019  
 (54) BRACKET ASSEMBLY FOR BRACING  
 TWO STRUCTURES  
 (31) 2018900875 (32) 16.03.18 (33) AU

(71) Sultana, V.  
 (21) 2019201830 (22) 15.03.2019  
 (54) Body massage tool  
 (31) 2018901130 (32) 05.04.18 (33) AU

(71) Sun Patent Trust  
 (21) 2019201897 (22) 19.03.2019  
 (54) Method of signal generation and signal  
 generating device  
 (62) 2017200598

(71) Sydney Water Corporation  
 (21) 2019201952 (22) 20.03.2019

(54) Water treatment system and method  
 (62) PCT/AU2017/051015

(71) Taizhou Jiaojiang Ruijiang Computer  
 Co., Ltd.  
 (21) 2019201828 (22) 15.03.2019  
 (54) A keyboard cleaner  
 (31) 2019101655107 (32) 05.03.19 (33) CN

(71) Taizhou Jiaojiang Ruijiang Computer  
 Co., Ltd.  
 (21) 2019201879 (22) 18.03.2019  
 (54) A computer lighting lamp  
 (31) 2019101764547 (32) 08.03.19 (33) CN

(71) Tamarack Aerospace Group, Inc.  
 (21) 2019201916 (22) 20.03.2019  
 (54) Adjustable lift modification wingtip  
 (62) 2014271311

(71) TARGOVAX AS  
 (21) 2019201937 (22) 20.03.2019  
 (54) A PEPTIDE MIXTURE  
 (62) 2014363643

(71) Tata Consultancy Services Limited  
 (21) 2019201788 (22) 15.03.2019  
 (54) REAL TIME UNOBTRUSIVE MON-  
 ITORING OF PHYSIOLOGICAL SIG-  
 NALS  
 (31) 201821038470 (32) 10.10.18 (33) IN

(71) Tata Consultancy Services Limited  
 (21) 2019201789 (22) 15.03.2019  
 (54) FAILED AND CENSORED INSTANCES  
 BASED REMAINING USEFUL LIFE  
 (RUL) ESTIMATION OF ENTITIES  
 (31) 201821025626 (32) 09.07.18 (33) IN

(71) Tata Consultancy Services Limited  
 (21) 2019201857 (22) 18.03.2019  
 (54) Sparse neural network based anom-  
 ally detection in multi-dimensional time  
 series  
 (31) 201821025602 (32) 09.07.18 (33) IN

(71) Tata Consultancy Services Limited  
 (21) 2019201881 (22) 19.03.2019  
 (54) SYSTEMS AND METHODS FOR  
 CLASSIFICATION OF MULTI-DIMEN-  
 SIONAL TIME SERIES OF PARAMET-  
 ERS  
 (31) 201821025603 (32) 09.07.18 (33) IN

(71) Temple University-Of The Common-  
 wealth System of Higher Education;  
 Reis, H.  
 (21) 2019201799 (22) 15.03.2019  
 (54) Use of short chain fatty acids in cancer  
 prevention  
 (62) 2016209244



Complete Applications Filed - Name Index cont'd

(71) The Boeing Company  
(21) 2019201978 (22) 21.03.2019  
(54) Wing flap with torque member and method for forming thereof  
(31) 15/941,320 (32) 30.03.18 (33) US

(71) The Boeing Company  
(21) 2019201979 (22) 21.03.2019  
(54) Wing flap with torque member and method for forming thereof  
(31) 15/941,378 (32) 30.03.18 (33) US  
15/975,903 10.05.18 US

(71) The Regents of the University of California; University of Vienna; Charpentier, E.  
(21) 2019201850 (22) 18.03.2019  
(54) Methods and compositions for RNA-directed target DNA modification and for RNA-directed modulation of transcription  
(62) 2017225060

(71) The Regents of the University of California; Nolte, J.; Pepper, K.; Fierro, F.; Bauer, G.  
(21) 2019201858 (22) 18.03.2019  
(54) VECTORS AND METHODS TO TREAT ISCHEMIA  
(62) 2014228526

(71) The Regents of the University of California  
(21) 2019201934 (22) 20.03.2019  
(54) Device, system and method for functional imaging of episcleral vessels  
(62) 2016218984

**The Regents of the University of Colorado, A Body Corporate see MUSC Foundation for Research Development**  
(21) 2019201826

(71) The Trustees of the University of Pennsylvania  
(21) 2019201922 (22) 20.03.2019  
(54) METHODS FOR MONITORING CD4+ T-HELPER TYPE 1 RESPONSE IN CANCER AND IMMUNE RESTORATION  
(62) 2016244182

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
(21) 2019201911 (22) 19.03.2019  
(54) Delivery of packaged RNA to mammalian cells  
(62) 2013240248

(71) The University Court of the University of Edinburgh  
(21) 2019201829 (22) 15.03.2019

(54) Proteins With Diagnostic And Therapeutic Uses  
(62) 2014335925

(71) Tiantai Jingjiu Crystal Co., Ltd.  
(21) 2019201840 (22) 15.03.2019  
(54) A decorative LED lamp  
(31) 2019101760688 (32) 08.03.19 (33) CN

**Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
(21) 2019201807

(71) Traeger Pellet Grills LLC  
(21) 2019201892 (22) 19.03.2019  
(54) GRILL WITH COMPONENT FEEDBACK AND REMOTE MONITORING  
(31) 62/644,878 (32) 19.03.18 (33) US  
16/296,081 07.03.19 US

(71) Translate Bio, Inc.  
(21) 2019201924 (22) 20.03.2019  
(54) LIPID NANOPARTICLE COMPOSITIONS AND METHODS FOR MRNA DELIVERY  
(62) 2017204509

(71) Tse, K.  
(21) 2019201844 (22) 17.03.2019  
(54) Reciprocating Second Cylinder Internal Combustion Engine

(71) Turbovich, I.  
(21) 2019201913 (22) 19.03.2019  
(54) Garment  
(62) 2017201940

(71) Universitaet Bern  
(21) 2019201776 (22) 14.03.2019  
(54) Tailored liposomes for the treatment of bacterial infections  
(62) 2013276565

**University of Massachusetts see Smith & Nephew Inc.**  
(21) 2019201930

**University of Vienna see The Regents of the University of California**  
(21) 2019201850

(71) Vestaron Corporation  
(21) 2019201898 (22) 19.03.2019  
(54) Artificially activated peptides  
(62) 2015240516

(71) W. L. Gore & Associates, Inc.  
(21) 2019201907 (22) 19.03.2019

(54) Planar zone in prosthetic heart valve leaflet  
(62) 2017201199

(71) Westlake Longview Corporation  
(21) 2019201887 (22) 19.03.2019  
(54) MALEIC ANHYDRIDE GRAFTED LLDPE HAVING HIGH MELT INDEX  
(62) 2015302044

(71) WHITE MOUNTAIN PHARMA, INC.  
(21) 2019201863 (22) 18.03.2019  
(54) METHODS FOR TREATING CHRONIC OR UNRESOLVABLE PAIN AND/OR INCREASING THE PAIN THRESHOLD IN A SUBJECT AND PHARMACEUTICAL COMPOSITIONS FOR USE THEREIN  
(62) 2017203161

(71) Wuyi Yilan Metal Household Products Co., Ltd.  
(21) 2019201786 (22) 14.03.2019  
(54) A Soda Can Opener  
(31) 2019101689226 (32) 06.03.19 (33) CN

(71) Wuyi Yilan Metal Household Products Co., Ltd.  
(21) 2019201831 (22) 15.03.2019  
(54) A Self-Balance Clothes Airing Basket  
(31) 2019101764443 (32) 08.03.19 (33) CN

(71) Wuyi Yilan Metal Household Products Co., Ltd.  
(21) 2019201970 (22) 21.03.2019  
(54) A multifunctional can opener  
(31) 2019101883902 (32) 13.03.19 (33) CN

(71) wynne, n.  
(21) 2019201777 (22) 14.03.2019  
(54) evacuation sign to tell fire brigades if you have evacuated. ( made of steel) for natural disaster. bush fire Ect. With Q.R.Code / barcode connected to app. containing G.P.S. data for use by fire brigade and police, showing locations of houses, dams, tanks, fire units, roads , tracks, sheds ect.

(71) Xencor, Inc.  
(21) 2019201923 (22) 20.03.2019  
(54) Heterodimeric antibodies that bind CD3 and tumor antigens  
(62) 2015353409

(71) Xyleco, Inc.  
(21) 2019201641 (22) 11.03.2019  
(54) Processing Biomass Materials  
(62) 2014225493

(71) Xyleco, Inc.  
(21) 2019201804 (22) 15.03.2019

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(54) Processing Materials  
(62) 2017203623

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(71) Yiwu Guanda Cup Industry Co., Ltd.  
(21) 2019201833 (22) 15.03.2019  
(54) A Grinding Coffee Cup  
(31) 2019101771517 (32) 08.03.19 (33) CN

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(71) Yongkang Guanding Cup Industry Co.,  
Ltd.  
(21) 2019201841 (22) 15.03.2019  
(54) A water cup capable of rapidly cooling  
(31) 2019101768035 (32) 08.03.19 (33) CN

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(71) Yuhuan Ruijiang Computer Co., Ltd.  
(21) 2019201835 (22) 15.03.2019  
(54) A laptop bag  
(31) 2019101771521 (32) 08.03.19 (33) CN

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(71) ZHANG, D.  
(21) 2019201920 (22) 20.03.2019  
(54) A MASSIVE ENERGY STORAGE SYS-  
TEM WITH DISTRIBUTED ROTOR OR  
MOVER STRUCTURE AND TRANS-  
ITIONAL ROTOR PULSE CURRENT

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(71) Zhuji Yongyuan Bag Co., Ltd.  
(21) 2019201782 (22) 14.03.2019  
(54) A wallet for travel use  
(31) 2019101689230 (32) 06.03.19 (33) CN

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(71) Zhuji Yongyuan Bag Co., Ltd.  
(21) 2019201820 (22) 15.03.2019  
(54) A drawer type wallet  
(31) 2019101764462 (32) 08.03.19 (33) CN

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<b>2019201641</b>	Xyleco, Inc.	<b>2019201822</b>	Canon Kabushiki Kaisha
<b>2019201642</b>	Karyopharm Therapeutics Inc.	<b>2019201823</b>	Pono Life Pty Ltd as Trustee for The Pono Life Trust
<b>2019201717</b>	BASF Enzymes LLC	<b>2019201824</b>	Ningbo Junxing Daily Commodity Co., Ltd.
<b>2019201746</b>	Ortho Regenerative Technologies Inc.	<b>2019201825</b>	Canon Kabushiki Kaisha
<b>2019201759</b>	Halliburton Energy Services, Inc.	<b>2019201826</b>	MUSC Foundation for Research Development; The Regents of the University of Colorado, A Body Corporate; Department of Veterans Affairs (US)
<b>2019201760</b>	24/7 Customer, Inc.	<b>2019201827</b>	Jinyun Xinyang Crafts&Gifts Co., Ltd.
<b>2019201762</b>	Krueger Transport Equipment Pty Ltd	<b>2019201828</b>	Taizhou Jiaojiang Ruijiang Computer Co., Ltd.
<b>2019201763</b>	Duke University	<b>2019201829</b>	The University Court of the University of Edinburgh
<b>2019201764</b>	Illinois Tool Works Inc.	<b>2019201830</b>	Sultana, V.
<b>2019201765</b>	Fisher & Paykel Healthcare Limited	<b>2019201831</b>	Wuyi Yilan Metal Household Products Co., Ltd.
<b>2019201766</b>	Osvath, L.; Shapiro, C.	<b>2019201832</b>	Dongyang Haoming Clothing Co., Ltd.
<b>2019201767</b>	Monteleone, G.	<b>2019201833</b>	Yiwu Guanda Cup Industry Co., Ltd.
<b>2019201768</b>	Colgate-Palmolive Company	<b>2019201834</b>	HERE Global B.V.
<b>2019201769</b>	Littelfuse, Inc.	<b>2019201835</b>	Yuhuan Ruijiang Computer Co., Ltd.
<b>2019201770</b>	Littelfuse, Inc.	<b>2019201836</b>	Sanmen Yilin Eyewear Co., Ltd.
<b>2019201771</b>	API Labs Inc.	<b>2019201837</b>	Shengzhou Huijie Household Products Co., Ltd.
<b>2019201772</b>	Loftus, D.	<b>2019201838</b>	Shengzhou Huijie Household Products Co., Ltd.
<b>2019201773</b>	Cardiosolutions, Inc.	<b>2019201839</b>	Jinyun Xinyang Crafts&Gifts Co., Ltd.
<b>2019201774</b>	British American Tobacco (Investments) Limited	<b>2019201840</b>	Tiantai Jingjiu Crystal Co., Ltd.
<b>2019201775</b>	STUDCO AUSTRALIA PTY LTD	<b>2019201841</b>	Yongkang Guanding Cup Industry Co., Ltd.
<b>2019201776</b>	Universitaet Bern	<b>2019201842</b>	Longquan Shengzhi Cup Industry Co., Ltd.
<b>2019201777</b>	wynne, n.	<b>2019201843</b>	Pujiang County Jingjiu Crystal Co., Ltd.
<b>2019201778</b>	I Cook Catering Services Pty Ltd	<b>2019201844</b>	Tse, K.
<b>2019201779</b>	Luminex Corporation	<b>2019201845</b>	Aktiebolaget SKF
<b>2019201780</b>	Carbon Areion Pty Ltd	<b>2019201846</b>	Aktiebolaget SKF
<b>2019201781</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201847</b>	Aktiebolaget SKF
<b>2019201782</b>	Zhuji Yongyuan Bag Co., Ltd.	<b>2019201848</b>	Aktiebolaget SKF
<b>2019201783</b>	Sanmen Yilin Eyewear Co., Ltd.	<b>2019201849</b>	Aktiebolaget SKF
<b>2019201784</b>	Lanxi Huijie Household Products Co., Ltd.	<b>2019201850</b>	The Regents of the University of California; University of Vienna; Charpentier, E.
<b>2019201785</b>	Adobe Inc.	<b>2019201852</b>	Landmark Graphics Corporation
<b>2019201786</b>	Wuyi Yilan Metal Household Products Co., Ltd.	<b>2019201853</b>	Apple Inc.
<b>2019201787</b>	Adobe Inc.	<b>2019201854</b>	Dropbox, Inc.
<b>2019201788</b>	Tata Consultancy Services Limited	<b>2019201855</b>	Colgate-Palmolive Company
<b>2019201789</b>	Tata Consultancy Services Limited	<b>2019201857</b>	Tata Consultancy Services Limited
<b>2019201790</b>	Mitsubishi Heavy Industries Thermal Systems, Ltd.	<b>2019201858</b>	The Regents of the University of California; Nolta, J.; Pepper, K.; Fierro, F.; Bauer, G.
<b>2019201791</b>	S & C BACK FAMILY TRUST	<b>2019201859</b>	ObsEva SA
<b>2019201792</b>	Nanosphere Health Sciences, LLC	<b>2019201860</b>	Stack, T.
<b>2019201793</b>	Komatsu Ltd.	<b>2019201861</b>	Association Institut De Myologie
<b>2019201794</b>	CROWN EQUIPMENT CORPORATION	<b>2019201862</b>	President and Fellows of Harvard College
<b>2019201795</b>	BatMark Limited	<b>2019201863</b>	WHITE MOUNTAIN PHARMA, INC.
<b>2019201796</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201864</b>	Blackhawk Network, Inc.
<b>2019201797</b>	British American Tobacco (Investments) Limited	<b>2019201865</b>	Akindeju, G.T.; Akindeju, M.K.
<b>2019201798</b>	BitScan Pty Ltd	<b>2019201866</b>	Akindeju, G.T.; Akindeju, M.K.
<b>2019201799</b>	Temple University-Of The Commonwealth System of Higher Education; Reis, H.	<b>2019201867</b>	Poly Medicure Limited
<b>2019201800</b>	Facebook, Inc.	<b>2019201868</b>	Nien Made Enterprise Co., Ltd.
<b>2019201801</b>	Hager-Electro SAS	<b>2019201869</b>	NantOmics, LLC
<b>2019201802</b>	Corning Cable Systems LLC	<b>2019201870</b>	Diogenes Limited
<b>2019201803</b>	Endotronix, Inc.	<b>2019201871</b>	Robert Bosch GmbH
<b>2019201804</b>	Xyleco, Inc.	<b>2019201872</b>	Facebook, Inc.
<b>2019201805</b>	Sony Semiconductor Solutions Corporation	<b>2019201873</b>	Intact Vascular, Inc.
<b>2019201806</b>	Mitral Valve Technologies Sàrl	<b>2019201874</b>	Baxalta GmbH; Baxalta Incorporated
<b>2019201807</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	<b>2019201875</b>	Rothamsted Research Ltd
<b>2019201808</b>	A & A International, LLC	<b>2019201876</b>	Accenture Global Solutions Limited
<b>2019201809</b>	Biosense Webster (Israel) Ltd.	<b>2019201877</b>	Gauthier Biomedical, Inc.
<b>2019201810</b>	Huawei Technologies Co., Ltd.	<b>2019201878</b>	Aristocrat Technologies Australia Pty Limited
<b>2019201811</b>	Horizon Therapeutics LLC	<b>2019201879</b>	Taizhou Jiaojiang Ruijiang Computer Co., Ltd.
<b>2019201812</b>	Ainsworth Game Technology Limited	<b>2019201880</b>	Drilling Info, Inc.
<b>2019201813</b>	Lanxi Huijie Household Products Co., Ltd.	<b>2019201881</b>	Tata Consultancy Services Limited
<b>2019201814</b>	Bayer HealthCare LLC	<b>2019201882</b>	Ionis Pharmaceuticals, Inc.
<b>2019201816</b>	Colgate-Palmolive Company; MONDELEZ GLOBAL LLC	<b>2019201884</b>	Allergan, Inc.
<b>2019201817</b>	Linhai Shengzhi Cup Industry Co., Ltd.	<b>2019201885</b>	Microsoft Technology Licensing, LLC
<b>2019201818</b>	Cellectis	<b>2019201887</b>	Westlake Longview Corporation
<b>2019201819</b>	RV Lizenz AG	<b>2019201888</b>	President and Fellows of Harvard College
<b>2019201820</b>	Zhuji Yongyuan Bag Co., Ltd.	<b>2019201889</b>	Muffett, R.
<b>2019201821</b>	Accenture Global Solutions Limited		

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2019201890	Colgate-Palmolive Company	2019201961	Adobe Inc.
2019201891	ServiceNow, Inc.	2019201962	Covidien LP
2019201892	Traeger Pellet Grills LLC	2019201964	CamelBak Products, LLC
2019201893	B&D Australia Pty Ltd	2019201965	Covidien LP
2019201894	Ishida Co., Ltd.	2019201966	Covidien LP
2019201895	Becton, Dickinson and Company	2019201967	Gruppo Cimbali S.p.A.
2019201896	Oncoceutics, Inc.	2019201968	3M Innovative Properties Company
2019201897	Sun Patent Trust	2019201969	Jinyun Xinyang Crafts&Gifts Co., Ltd.
2019201898	Vestaron Corporation	2019201970	Wuyi Yilan Metal Household Products Co., Ltd.
2019201899	Jabella Pty Ltd	2019201971	JADHAV, A.
2019201900	Dolby International AB	2019201972	Interroll Holding AG
2019201901	CiiLOCK Engineering Pty Ltd	2019201973	Biosense Webster (Israel) Ltd.
2019201902	ANTERIOS, INC.	2019201974	Biosense Webster (Israel) Ltd.
2019201903	Cripps Clark, J.; Abernethy Healthy Lifestyle Association Incorporated	2019201975	Crown Equipment Corporation
2019201904	Covidien LP	2019201976	GEN-PROBE INCORPORATED
2019201905	E. Mishan & Sons, Inc.	2019201977	Accenture Global Solutions Limited
2019201906	Covidien LP	2019201978	The Boeing Company
2019201907	W. L. Gore & Associates, Inc.	2019201979	The Boeing Company
2019201908	Aristocrat Technologies Australia Pty Limited	2019202041	Manitou Italia S.r.l.
2019201909	General Electric Company	2019202087	Marchesi, N.
2019201910	Covidien LP		
2019201911	The United States of America, as represented by the Secretary, Department of Health and Human Services P.G. & A.M. Campbell Pty. Limited		
2019201912	Turbovich, I.		
2019201913	Neuroolutions, Inc.		
2019201914	Johnson & Johnson Surgical Vision, Inc.		
2019201915	Tamarack Aerospace Group, Inc.		
2019201916	Schentag, J.; Fayad, J.		
2019201917	GNG Eelectrical Pty Ltd		
2019201918	Farmalinx Pty Ltd		
2019201919	ZHANG, D.		
2019201920	Intersurgical AG; Nasir, M.		
2019201921	The Trustees of the University of Pennsylvania		
2019201922	Xencor, Inc.		
2019201923	Translate Bio, Inc.		
2019201924	Mestek Machinery, Inc.		
2019201925	Millennium Pharmaceuticals, Inc.		
2019201926	Immune Design Corp		
2019201927	Borealis Technical Limited		
2019201928	Novartis AG		
2019201929	Smith & Nephew Inc.; University of Massachusetts		
2019201930	Dow AgroSciences LLC		
2019201931	Applied Aged Care Solutions Pty Ltd		
2019201932	Illinois Tool Works Inc.		
2019201933	The Regents of the University of California		
2019201934	Canon Kabushiki Kaisha		
2019201935	Hewlett-Packard Development Company, L.P.		
2019201936	TARGOVAX AS		
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2019201939	AbbVie Ireland Unlimited Company		
2019201940	Microsoft Technology Licensing, LLC		
2019201941	Panasonic Appliances Cold Chain (Dalian) Co., Ltd.		
2019201942	Biosense Webster (Israel) Ltd.		
2019201943	Aristocrat Technologies Australia Pty Limited		
2019201944	Arbitron Inc.		
2019201945	Dose Medical Corporation		
2019201946	Buildsafe Equipment Sales Pty Ltd		
2019201947	FMC Corporation		
2019201948	Flexco (Aust) Pty. Ltd.		
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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Mar 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) 1IC GLOBAL PTY LTD (21) 2019100253 (22) 08.03.2019 (54) Flammable liquid fuel fire mitigation-Foam Equipment pertaining a specialised 1,2,3,4,5,6 variable rate proportioning form of gradual rate proportioning VRP variable rate proportioning with single percentage increases from 1-6%, and the usage of Task Force Tips Branded nozzle and foam equipment- a thermal imaging drone with heat detection installed along with our patented 10kg payload of extinguishing agent. foam used is Enviro master variable rate BVRP to match the system and equipment. Designated specialised training in the usage of this equipment to mitigate class B fuel incidents method.</p>	<p>(54) Methods and systems for connecting physical objects to digital communications (62) 2017232170</p>	<p>binging Neuroscience, Audiology and Computer Technology.</p>
<p>(71) 1IC GLOBAL PTY LTD (21) 2019100288 (22) 19.03.2019 (54) Usage of an anti-Glug drum for the non frothing easy pouring of fire fighting foam concentrates</p>	<p>(71) GEE Advanced Technologies Pty Ltd (21) 2019100276 (22) 15.03.2019 (54) Grow Light System and Apparatus (31) 2018900873 (32) 16.03.18 (33) AU</p>	<p>(71) Sedic, F. (21) 2019100281 (22) 15.03.2019 (54) Skin cleanser (62) 2018236792</p>
<p>(71) Commercial Property Guide Pty Ltd (21) 2019100283 (22) 15.03.2019 (54) Suburb Rent Growth (SuRG) for Commercial Real Estate</p>	<p>(71) Guangzhou Vanguard Watersports Products Co Ltd. (21) 2019100268 (22) 14.03.2019 (54) FULL FACE DIVE MASK (31) 201821298629.9 (32) 13.08.18 (33) CN</p>	<p>(71) Smith, D. (21) 2019100287 (22) 19.03.2019 (54) RAIL AND CURTAIN HANGING IMPROVEMENTS (31) 2018900964 (32) 23.03.18 (33) AU</p>
<p>(71) DATA ONE TECHNOLOGIES PTY LTD (21) 2019100273 (22) 15.03.2019 (54) BinWin is a modern-day waste collection technology enabling councils and waste management authorities to manage waste effectively. The framework consists of IoT, AI, mobile &amp; web applications integrated to monitor, track, and plan. The bins ensure eco-friendliness by keeping a constant check on fill levels enabling waste collection on a needs basis preventing over-flow, maintaining a hygienic environment using solar self-charging capability. BinWin promises to increase operational efficiencies in the waste collection chain, reducing cost and labour associated with rubbish collection &amp; removal.</p>	<p>(71) Innotad Pte. Ltd. (21) 2019100269 (22) 14.03.2019 (54) METHOD FOR REDUCING EMISSIONS AND IMPROVING COMBUSTION EFFICIENCY AND ENGINE PERFORMANCE USING PYRO-ELECTRIC IONISATION (31) 10201810674P (32) 28.11.18 (33) SG</p>	<p>(71) SUN, F. (21) 2019100270 (22) 14.03.2019 (54) An antidiuretic formulation (31) 2018900855 (32) 15.03.18 (33) AU</p>
<p>(71) Delmoni, A. (21) 2019100282 (22) 15.03.2019 (54) Trim Chute (62) 2016282078</p>	<p>(71) Kreuger, J. (21) 2019100275 (22) 15.03.2019 (54) METHOD OF TREATMENT FOR PROCESSING ANIMAL PARTS AND PRODUCTION OF NOVELTY ITEMS</p>	<p>(71) Syngen Biotech Co., Ltd. (21) 2019100286 (22) 18.03.2019 (54) Lactobacillus paracasei LCW-23 for improving allergy</p>
<p>(71) Fabtale Productions Pty Ltd (21) 2019100271 (22) 14.03.2019</p>	<p>(71) Locking Key Pty Ltd (21) 2019100278 (22) 15.03.2019 (54) Insulated Mounting Device</p>	<p>(71) TechTronic Industries Co., Ltd. (21) 2019100290 (22) 19.03.2019 (54) Vacuum cleaner with brushroll control (62) 2016285841</p>
	<p>(71) Match, M. (21) 2019100289 (22) 19.03.2019 (54) Making video with descriptive, factorized scene detection from database</p>	<p>(71) Tran, C.; McKenzie, D. (21) 2019100277 (22) 15.03.2019 (54) A plasma treatment apparatus for plasma immersion ion implantation of powders and structured materials (31) 2018901004 (32) 26.03.18 (33) AU</p>
	<p>McKenzie, D. see Tran, C. (21) 2019100277</p>	<p>(71) VATER, L. (21) 2019100272 (22) 14.03.2019 (54) A BALUSTRADE ARRANGEMENT (62) 2015201165</p>
	<p>(71) MUBSNZ LTD (21) 2019100285 (22) 18.03.2019 (54) Lightweight Reusable Produce Bags</p>	<p>(71) Wang, Q. (21) 2019100274 (22) 15.03.2019 (54) A TAP TIMER SYSTEM, METHOD AND APPARATUS CAPABLE OF DETECTING DEVICE FALL ACCIDENT AND NOTIFYING USER IN A TIMELY MANNER</p>
	<p>(71) Petrik, G. (21) 2019100284 (22) 18.03.2019 (54) Neurogenic Tinnitus Treatment and associated Peripherals - The treatment and reduction of Tinnitus including processes and equipment required, com-</p>	<p>(71) WANG, H. (21) 2019100280 (22) 15.03.2019 (54) PAINT SPRAY GUN (31) 107120558 (32) 14.06.18 (33) TW</p>

**Numerical Index**

**2019100253** 1IC GLOBAL PTY LTD  
**2019100268** Guangzhou Vanguard Watersports Products Co Ltd.  
**2019100269** Innotad Pte. Ltd.  
**2019100270** SUN, F.  
**2019100271** Fabtale Productions Pty Ltd  
**2019100272** VATER, L.  
**2019100273** DATA ONE TECHNOLOGIES PTY LTD  
**2019100274** Wang, Q.  
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**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

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

The codes next to each number have the following meanings:

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

**1999**

1999020366 ( 14 )	1999020367 ( 14 )	1999020397 ( 14 )
1999021190 ( 14 )	1999021201 ( 14 )	1999021215 ( 14 )
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**Assignments before Grant, Section 113****2015**

2015254565 Oberthur Fiduciaire SAS The application has been assigned to **Oberthur Fiduciaire SAS**

2015254566 Oberthur Fiduciaire SAS The application has been assigned to **Oberthur Fiduciaire SAS**

2015259011 MedCision, LLC. The application has been assigned to **ASTERO BIO CORPORATION**

2015276144 Lafarge The application has been assigned to **Holcim Technology Ltd**

2015276145 Lafarge The application has been assigned to **Holcim Technology Ltd**

2015314186 Institut Pasteur The application has been assigned to **Institut Pasteur; Centre National de la Recherche Scientifique**

2015357297 Lafarge The application has been assigned to **Holcim Technology Ltd**

**2016**

2016219687 RPS Industries Pty Ltd The application has been assigned to **Delnorth Pty. Ltd.**

2016227618 Prozymex A/S The application has been assigned to **Neuprozyme Therapeutics ApS**

2016251301 Lafarge The application has been assigned to **Holcim Technology Ltd**

**2017**

2017254941 Higgins, Ian; Guttering No Brackets Pty Ltd The application has been assigned to **Gutter Grip Australia Pty Ltd**

2017286911 Camargo, Fabian Emilio Philipe; Brophy, Michael Montgomery The application has been assigned to **Alarm.com Incorporated**

2017322324 Jones, Mitchell Lawrence; Wahl, Christopher; Wey, Gene; Philippsen, Aaron Olafur Laurence; Drlik, Mark; Jones, Ryan; Muller, Nathan; Garland, Andrew; Niknia, Iman The application has been assigned to **Progenity, Inc.**

**2018**

2018201158 Altaviz, LLC The application has been assigned to **Alcon Pharmaceuticals, Ltd.**

**2019**

2019200324 Yiwu Zhixin Technology Co., Ltd. The application has been assigned to **Zhuji Zaohong Trading Co., Ltd.**

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

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.

**2011**

2011202303 **Hebe Company Ltd** An application to extend the time from 18 May 2018 to 18 Feb 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

**2012**

2012253219 **Yancoal Technology Development Pty Ltd; Caterpillar Global Mining Europe GmbH** An application to extend the time from 09 May 2018 to 09 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2013**

2013232744 **MIKOH Corporation** An application to extend the time from 15 Mar 2018 to 15 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013340455 **Rhiannon Corp.** An application to extend the time from 26 Apr 2017 to 26 Sep 2018 in which to request examination and pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2014**

2014284560 **illumina, Inc.** An application to extend the time from 25 Jun 2018 to 25 Jan 2019 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2016**

2016100582 **Quattro Project Engineering Pty Ltd** An application to extend the time from 09 Jun 2018 to 09 Feb 2019 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016301325 **Woods Hole Oceanographic Institution; Haley, James A.; Eaton, Joshua A.** An application to extend the time from 05 Mar 2018 to 05 Feb 2019 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017100473 **Lowe, T.** An application to extend the time from 19 Aug 2018 to 19 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Halfords IP L 7 1 Market St Sydney NSW 2000 AU

**2019**

2019200152 **DUSA Pharmaceuticals, Inc.** An application to extend the time from 12 Jan 2018 to 12 Jan 2019 in which to extend the grace period has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**Extensions of Time, Section 223**

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

**2004**

2004233308 **Itea S.P.A.** The time in which to pay a renewal fee has been extended to 22 Nov 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2010**

2010234193 **University of Saskatchewan** The time in which to pay a renewal fee has been extended to 06 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2010246910 **Ausco Modular Pty Limited** The time in which to pay a renewal fee has been extended to 12 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2012**

2012205257 **KMM Contracting Pty Ltd** The time in which to pay a renewal fee has been extended to 20 Oct 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2012268426 **Akebia Therapeutics Inc.** The time in which to pay a renewal fee has been extended to 05 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2013**

2013209887 **Mckenna, Elizabeth** The time in which to enter the National Phase has been extended to 16 Sep 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013251635 **IPT LLC** The time in which to pay a renewal fee has been extended to 24 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013262189 **Chan, M.; Chan, H.** The time in which to pay a renewal fee has been extended to 17 Dec 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013302297 **MTS Consulting Pty Limited** The time in which to request examination has been extended to 16 Sep 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2014**

2014233803 **Zanotti, M.** The time in which to request examination has been extended to 17 Aug 2018 . Address for service - Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

2014271196 **Intex Holdings Pty Ltd** The time in which to pay a renewal fee has been extended to 23 Dec 2018 . Address for service - LESI-CAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

2014275090 **Walach, M.; Fijalkowski, A.** The time in which to gain acceptance and pay the continuation fee has been extended to 03 Apr 2019 . Address for service - WRAYS PTY LTD L 20 600 Bourke St Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

2014340115 **Zhao, D.** The time in which to pay the acceptance fee has been extended to 12 Dec 2019 . Address for service - Dezhou David Zhao 1 wattle place carlingford NSW 2118 AU

**2015**

2015200490 **Honeywell International Inc.** The time in which to pay the acceptance fee has been extended to 20 Mar 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015234706 **Caporali, U.** The time in which to request examination has been extended to 03 Apr 2019 . Address for service - Pappas IP PO Box R1731 Royal Exchange NSW 1225 AU

2015256023 **Bucket Innovations, LLC** The time in which to request Examination has been extended to 09 Feb 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2016**

2016100699 **Direct Injection Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 21 Dec 2018 . Address for service - Direct Injection Systems Pty Ltd PO Box 2822 Toowoomba QLD 4350 AU

2016232959 **Franklin Empire** The time in which to request examination has been extended to 03 Apr 2019 . Address for service - COOPER IP PTY. LTD. 181 Bay Street Brighton VIC 3186 AU

2016376837 **Homag Bohrsysteme Gmbh** The time in which to enter the National Phase has been extended to 21 Nov 2018 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2016385541 **Wuhan Wuda Zoyon Science And Technology Co., Ltd** The time in which to enter the National Phase has been extended to 15 Nov 2018 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016413933 **Eyeon Particle Sciences Llc** The time in which to enter the National Phase has been extended to 06 Apr 2019 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2017**

2017203747 **Reflex Technology International Pty Ltd** The time in which to pay the acceptance fee has been extended to 02 Feb 2019 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2017250686 **Strong Arm Technologies, Inc.** The time in which to enter the National Phase has been extended to 13 Dec 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017306566 **Opex Corporation** The time in which to enter the National Phase has been extended to 11 Apr 2019 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2018**

2018241220 **SINGH, J.; SINGH, J.S.** The time in which to make a further application for a divisional patent has been extended to 16 Oct

**Extensions of Time, Section 223**

2018 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2018275016 **Novartis AG** The time in which to pay the filing fee has been extended to 04 Mar 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2019**

2019200350 **Genzyme Corporation** The time in which to make a further application for a divisional patent has been extended to 02 Feb 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2019200432 **Fleet Space Technologies Pty Ltd** The time in which to extend the grace period has been extended to 18 Feb 2019 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**Amendments****Applications for Amendment**

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

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

**2013**

2013358951 Triheptanoin for the treatment of glucose transporter 1 deficiency **Baylor Research Institute at Dallas ; National Institute of Health and Medical Research** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2014**

2014261894 Biheteroaryl compounds and uses thereof **F. Hoffmann-La Roche AG** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014265839 Implantable vascular device having longitudinal struts **Vascular Dynamics, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2014368368 Piperazine derivatives having multimodal activity against pain **ESTEVE PHARMACEUTICALS, S.A.** The nature of the amendment is as shown in the statement(s) filed 08 Mar 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2015**

2015201976 SHOCK ISOLATION PROTECTION OF SENSITIVE COMPONENTS **QIOPTIQ LIMITED** The nature of the amendment is as shown in the statement(s) filed 12 Mar 2019 . Address for service -

**Amendments**

AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2015213150 Method and system for obtaining dimethyl ether from syngas **Linde Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 25 Feb 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015214381 Manufacturing an articulating ophthalmic surgical probe **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015354848 Formulation for effective tocotrienol delivery **KI-Ke-pong Oleomas Sdn Bhd** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2015359869 Device and method for temporarily storing gas and heat **APT GmbH - Angewandte Physik & Technologie** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2019 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

**2016**

2016201310 DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR MANIPULATING USER INTERFACES BASED ON UNLOCK INPUTS **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Sep 2018 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2016242857 Nested namespaces for selective content sharing **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2016253640 Wear assembly **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2016263161 Topical pharmaceutical compositions **Dermavant Sciences GmbH** The nature of the amendment is: Amend the name of the inventor to read Bedard, Mary; Doherty, Michael Quinn; Lenn, Jon D.; Santos, Leandro L.; Sonti, Sujatha D.; Thomas, Joey Roger; White-man, Justin E. and Jain, Piyush . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2017**

2017201593 Use of anatabine to treat inflammation and methods of synthesizing anatabine **Philip Morris Products S.A.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2019 . Address for service - Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

2017289602 Cooling garments, warming garments, and related methods **Isomer, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2019 . Address for service - Pizzey's Pat-

**Amendments**

ent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2018**

2018101014 User interfaces for transactions **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made**

**2001**

2001294198 **Kyowa Hakko Kirin Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2018

**2014**

2014203072 **ROSE U** The nature of the amendment is as shown in the statement(s) filed 10 Dec 2018

2014207342 **Foundation Medicine, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2018

2014224205 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2018

2014233518 **DePuy Synthes Products, Inc.** The nature of the amendment is as shown in the statement filed 30 Nov 2018

2014244341 **Zimmer Knee Creations, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2018

2014247188 **Polyphor AG** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2018

2014247189 **Polyphor AG** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2018

2014261043 **Suez International; Terranova Energy GMBH** The nature of the amendment is: Amend the name of the inventors to read Pardo, Pierre Emmanuel; Judenne, Eric and Buttmann, Marc

2014266990 **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2018

2014271229 **Southern Star Windows Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2014101652

2014289001 **Neuro-Bio Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2018

2014365915 **Merck Patent GmbH** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2018

**2015**

2015222680 **Vainer, M.** The nature of the amendment is: Application is to proceed under the number 2015101952

**Amendments**

2015266797 **Macrogenics, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2018

2015273708 **Sandvik Intellectual Property AB** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2018

2015316125 **Rockwell Razors Corporation** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2018

2015321057 **Mack Rides GmbH & Co. KG** The nature of the amendment is: Amend the name of the inventor to read Burger, Günter; Sornik, Frank; Hauer, Roman and Gordt, Dennis

2015325329 **Suntory Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2018

2015373431 **Shell Internationale Research Maatschappij B.V.** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2018

**2016**

2016244313 **Flowerserve Management Company** The nature of the amendment is: Amend the name of the inventor to read Haines, Bradford; Decker, Gifford and Haehl, Mark

2016264496 **Amazon Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2018

2016366352 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Microwave module

2016424515 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read APPARATUSES, METHODS, AND COMPUTER-READABLE MEDIUM FOR ENCODING AND DECODING A VIDEO SIGNAL

**2017**

2017200917 **Carlton, R.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2019

2017200917 **Carlton, R.** The nature of the amendment is: Application is to proceed under the number 2017101848

2017200953 **Albemarle Corporation** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2018

2017202080 **J.R. Simplot Company** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2018

2017203668 **Apple Inc.** The nature of the amendment is as shown in the statement filed 20 Dec 2018

2017218415 **Rutgers, The State University of New Jersey** The nature of the amendment is: Amend the name of the inventor to read Pinter, Abraham and Choudhary, Alok

2017260462 **Sentinel Connector Systems, Inc.** The nature of the amendment is: Amend the invention title to read HIGH SPEED COMMUNICATION JACK

**Amendments**

2017280293 **Suzhou Kintor Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Guo, Chuangxing and Tong, Youzhi

2017308914 **Magic Leap, Inc.** The nature of the amendment is: Amend the name of the inventor to read Sommers, Jeffrey; Devine, Jennifer M.R.; Seuck, Joseph Wayne and Kaehler, Adrian

2017315458 **Crown Equipment Corporation** The nature of the amendment is as shown in the statement filed 19 Feb 2019

2017315886 **Crown Equipment Corporation** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2019

2017321416 **Dart NeuroScience, LLC** The nature of the amendment is: Amend the invention title to read Hydroxynorketamine derivatives for the treatment of disorders

2017321575 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read User terminal and radio communication method

2017323937 **Lotte Chemical Corporation** The nature of the amendment is: Amend the invention title to read Slurry Composition for Producing Electrode for Redox Flow Battery, and Method for Producing Electrode for Redox Flow Battery

2017346799 **Nippon Steel & Sumitomo Metal Corporation; Val-lourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read THREADED CONNECTION FOR PIPE AND METHOD FOR PRODUCING THREADED CONNECTION FOR PIPE

**2018**

2018253622 **Thejo Engineering Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102130

2018253623 **Thejo Engineering Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102129

**2019**

2019201469 **Google LLC** The nature of the amendment is: Amend the name of the inventor to read NEVEN, Hartmut and MOHSENI, Masoud

2019900770 **Innovative Tools Pty Ltd** The nature of the amendment is: The applicant name has been amended to read: Innovative Tools Australia Pty Ltd

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

**1999**

1999058744 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2000**

2000035778 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**Amendments**

2000046285 Statoil Petroleum AS ; Advanced Production and Loading AS The name of the patentee has been altered to **Equinor Energy AS; Advanced Production and Loading AS**

2000063239 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2001**

2001015612 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2001024113 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2001024126 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2001028923 Statoil ASA The name of the patentee has been altered to **Equinor ASA**

2001267051 Lantiq Deutschland GmbH The name of the patentee has been altered to **LANTIQ BETEILIGUNGS-GMBH & CO. KG**

**2002**

2002341443 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2003**

2003206266 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2003238735 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2003242855 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2003258888 Statoil ASA The name of the patentee has been altered to **Equinor ASA**

2003263673 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2003263686 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2003288801 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2004**

2004256374 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2004256375 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**Amendments**

**2005**

2005229261 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2005254779 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2005254780 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2005254781 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2005263932 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2006**

2006213129 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2006214866 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2006266557 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2007**

2007332207 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2008**

2008200295 Lantiq Deutschland GmbH The name of the patentee has been altered to **LANTIQ BETEILIGUNGS-GMBH & CO. KG**

2008213158 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008233401 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008239946 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008251130 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008303354 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008345749 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008345750 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2008351654 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

**Amendments**

**2009**

2009202676 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009203187 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009210883 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009217847 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009217851 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009278981 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2009343308 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2010**

2010291117 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2010299944 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2011**

2011209056 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2011212499 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011234576 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011260229 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011260230 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011347231 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011355304 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2011381299 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2012**

2012205012 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

**Amendments**

2012205257 KMM Contracting Pty Ltd The name of the patentee has been altered to **Isologics Pty Ltd**

2012239202 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2012265335 Huawei Device Co., Ltd. The name of the patentee has been altered to **Huawei Device (Shenzhen) Co., Ltd.**

2012368002 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2012377770 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2012381500 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2012385250 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2012389576 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2013**

2013301553 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013387229 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013401464 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013403050 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013405481 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013405486 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013405843 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013406576 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013407853 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2013408042 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013409341 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

**Amendments**

**2014**

2014202490 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014223107 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014286123 Arla Foods AMBA The name of the applicant has been altered to **Arla Foods amba**

2014361337 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014377089 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2014389038 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2014397727 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2014415242 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

**2015**

2015200176 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2015205510 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2015393329 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2015394432 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2015394619 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2015400261 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2015406809 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2015412337 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

**2016**

2016202825 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2016204701 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**Amendments**

2016224098 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016224099 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016254907 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016264704 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016264714 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016285116 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

**2017**

2017203025 Huawei Device (Dongguan) Co., Ltd. The name of the applicant has been altered to **Huawei Device Co., Ltd.**

2017239483 Huawei Device (Dongguan) Co., Ltd. The name of the applicant has been altered to **Huawei Device Co., Ltd.**

2017341074 Mead Johnson Nutrition Company The name of the applicant has been altered to **MJN U.S. Holdings LLC**

**2018**

2018201855 Huawei Device (Dongguan) Co., Ltd. The name of the applicant has been altered to **Huawei Device Co., Ltd.**

2018900728 Environmental Engineers International Pty Ltd; Dr Rajendra G Kurup The name of the applicant has been altered to **Environmental Engineers International Pty Ltd**

2018903889 ZM DEXTER PTY LTD The name of the applicant has been altered to **SOFTDEX PTY LTD**

**Amendments Made Under Section 105**

Court Order by the Federal Court of Victoria, VID1127/2018  
 Australian Patent/Patent Application 2011268899 in the name of Intervet International B.V.  
 The amendments advertised in the Official Journal of Patents dated 20 Dec 2018 have been made in accordance with a Court Order 05 Mar 2019 .



Applications Open to Public Inspection

Name Index

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

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(71) 24/7 Customer, Inc.  
 (11) AU-A-2019201760  
 (21) 2019201760 (22) 14.03.2019  
 (54) IDENTIFICATION OF POINTS IN A USER WEB JOURNEY WHERE THE USER IS MORE LIKELY TO ACCEPT AN OFFER FOR INTERACTIVE ASSISTANCE  
 (51) Int. Cl.  
**H04M 3/00** ( 2006.01 )  
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**F15B 1/02** ( 2006.01 )  
**B60K 6/12** ( 2006.01 )  
**B60T 1/10** ( 2006.01 )  
**F15B 3/00** ( 2006.01 )  
**F15B 21/14** ( 2006.01 )  
**F16H 39/02** ( 2006.01 )  
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**A61K 31/415** ( 2006.01 )  
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**C12N 5/10** ( 2006.01 )  
**C12N 9/02** ( 2006.01 )  
**C12N 15/53** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12P 17/18** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
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*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
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*C10L 1/14* ( 2006.01 )  
*C10L 1/22* ( 2006.01 )  
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*C10L 1/238* ( 2006.01 )  
*C10L 1/2387* ( 2006.01 )  
*C10L 10/00* ( 2006.01 )  
*C10L 10/14* ( 2006.01 )  
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 (51) Int. Cl.  
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*A24F 47/00* ( 2006.01 )  
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 (54) Method for treating peyronie's disease  
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**B60N 2/28** ( 2006.01 )  
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**H05B 6/36** ( 2006.01 )  
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 (54) Urinary catheter  
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 (54) Composition for reducing local fat and body weight, and pharmaceuticals and use thereof  
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**A61K 31/05** ( 2006.01 )  
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 (72) Courtney, Allen Peter; Druitt, Colin Eric; Irrgang, Steven Richard  
 (74) Spruson & Ferguson
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 (21) 2018232893 (22) 17.09.2018  
 (54) CAP FOR DISPENSING LIQUIDS FROM A CONTAINER  
 (51) Int. Cl.  
**B65D 41/04** ( 2006.01 )  
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 (43) 04.04.2019  
 (72) Van Dord, Michael Richard  
 (74) Murray Trento & Associates Pty Ltd
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- (71) Cardiosolutions, Inc.  
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 (54) MITRAL VALVE SPACER AND SYSTEM AND METHOD FOR IMPLANTING THE SAME  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2014277902  
 (72) Robertson, Jack; Seguin, Christopher; Murphy, John; Wilson, Jonathan E.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CareFusion 303, Inc.  
 (11) AU-A-2019201757  
 (21) 2019201757 (22) 14.03.2019  
 (54) Zero reflux female valve with small priming volume  
 (51) Int. Cl.  
**A61M 39/22** ( 2006.01 )  
**A61M 39/02** ( 2006.01 )  
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 (62) 2014248948  
 (72) Mansour, George Michel  
 (74) FB Rice Pty Ltd
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- (71) Collectis  
 (11) AU-A-2019201818  
 (21) 2019201818 (22) 15.03.2019  
 (54) CD19 specific chimeric antigen receptor and uses thereof  
 (51) Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
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 (62) 2014267436  
 (72) GALETTO, Roman; SMITH, Julianne; SCHARENBERG, Andrew; SCHIFFER-MANNIOUI, Cecile  
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(71) CNH Industrial America LLC  
(11) AU-A-2018232925  
(21) 2018232925 (22) 18.09.2018  
(54) Rotatable coupler for a reel arm of a reel header  
(51) Int. Cl.  
*A01D 57/02* ( 2006.01 )  
(31) 15/710,523 (32) 20.09.17 (33) US  
(43) 04.04.2019  
(72) Cook, Joel  
(74) Watermark Intellectual Property Pty Ltd

(71) Cognian Technologies Ltd.  
(11) AU-A-2019201591  
(21) 2019201591 (22) 07.03.2019  
(54) Systems, methods, and devices for obtaining feedback information to reveal group preferences  
(51) Int. Cl.  
*G05D 23/24* ( 2006.01 )  
*G05D 23/19* ( 2006.01 )  
(43) 04.04.2019  
(62) 2014292811  
(72) ZINGER, Vicheslav; AITCHISON, Gary  
(74) Spruson & Ferguson

(71) Colgate-Palmolive Company  
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(21) 2019201768 (22) 14.03.2019  
(54) Oral care implement  
(51) Int. Cl.  
*A46B 3/00* ( 2006.01 )  
*A46B 9/04* ( 2006.01 )  
*A46D 1/00* ( 2006.01 )  
(43) 04.04.2019  
(62) 2016371601  
(72) Moskovich, Robert  
(74) Shelston IP Pty Ltd.

(71) Colgate-Palmolive Company; MONDELEZ GLOBAL LLC  
(11) AU-A-2019201816  
(21) 2019201816 (22) 15.03.2019  
(54) POROUS PROTEIN PARTICLES AS CARRIERS FOR ACTIVES  
(51) Int. Cl.  
*G01N 33/00* ( 2006.01 )  
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(62) 2016252393  
(72) MILLQVIST FUREBY, Anna; FAROOQ, Amjad; ORTIZ, Claudio; MEHRETEAB, Ammanuel; KLEWSAAT, Gail; HOLMGREN, Mary; MIRAJKAR, Yel-loji-Rao Krishnamurthy; TOVAR PES-CADOR, Jose Javier; BAUTISTA CID, Oscar; PARTEE, Terrell  
(74) Griffith Hack

(71) Corning Cable Systems LLC  
(11) AU-A-2019201802

(21) 2019201802 (22) 15.03.2019  
(54) HIGH DENSITY AND BANDWIDTH FIBER OPTIC APPARATUSES AND RELATED EQUIPMENT AND METHODS  
(51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
(43) 04.04.2019  
(62) 2017221853  
(72) Cooke, Terry L.; Klavuhn, Tory A.; Dean Jr., David L.; Garcia, Juan; Mariano, Elmer; Lopez, Manuel; Gonzalez, Juan M.  
(74) Phillips Ormonde Fitzpatrick

(71) Council of Scientific & Industrial Research  
(11) AU-A-2019201715  
(21) 2019201715 (22) 13.03.2019  
(54) Organic-inorganic composite material for removal of anionic pollutants from water and process for the preparation thereof  
(51) Int. Cl.  
*B01J 20/06* ( 2006.01 )  
*B01J 20/08* ( 2006.01 )  
*B01J 20/24* ( 2006.01 )  
*C02F 1/28* ( 2006.01 )  
(43) 04.04.2019  
(62) 2017202855  
(72) LABHASETWAR, Nitin Kumar; BANSIWAL, Amit Kumar; THAKRE, Dilip Kashinath; JAGTAP, Sneha Manohar; RAYALU, Sadhana Suresh  
(74) Watermark Intellectual Property Pty Ltd

(71) Covidien LP  
(11) AU-A-2019201734  
(21) 2019201734 (22) 13.03.2019  
(54) Adapter assembly for interconnecting electromechanical surgical devices and surgical loading units, and surgical systems thereof  
(51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
(43) 04.04.2019  
(62) 2014268211  
(72) ZERGIEBEL, Earl M.; CHOWANIEC, David M.; WILLIAMS, Ryan V.; SUBRAMANIAN, Anand  
(74) Spruson & Ferguson

(71) Critical Care Diagnostics, Inc.  
(11) AU-A-2019201709  
(21) 2019201709 (22) 13.03.2019  
(54) METHODS FOR TREATING CARDIAC DISEASE  
(51) Int. Cl.  
*G16H 50/30* ( 2018.01 )  
(43) 04.04.2019  
(62) 2013305829  
(72) Snider, James V.; Gerwien, Robert W.; Jacobson, Sven  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CROWN EQUIPMENT CORPORATION  
(11) AU-A-2019201794  
(21) 2019201794 (22) 15.03.2019  
(54) Dynamic operator behavior analyzer  
(51) Int. Cl.  
*G01M 17/007* ( 2006.01 )  
(43) 04.04.2019  
(62) 2014315126  
(72) MANCI, Lewis H.; SWIFT, Philip W.; WALTZ, Lucas B.  
(74) Griffith Hack

(71) CUB PTY LTD  
(11) AU-A-2019201711  
(21) 2019201711 (22) 13.03.2019  
(54) Beverage Cooling and Cleaning Systems  
(51) Int. Cl.  
*F25D 17/00* ( 2006.01 )  
(43) 04.04.2019  
(62) 2016247074  
(72) DRYZUN, NATHAN  
(74) Griffith Hack

(71) Deere & Company  
(11) AU-A-2018208629  
(21) 2018208629 (22) 24.07.2018  
(54) COMMODITY METERING SYSTEM WITH SPEED COMPENSATION BASED ON MACHINE TILT AND METHODS FOR OPERATING THE SAME  
(51) Int. Cl.  
*A01C 7/10* ( 2006.01 )  
*A01C 7/04* ( 2006.01 )  
(31) 15/711,764 (32) 21.09.17 (33) US  
(43) 04.04.2019  
(72) Borkgren, Stanley R.; Felton, Keith L.; Garner, Elijah B.  
(74) James & Wells Intellectual Property

(71) Deere & Company  
(11) AU-A-2018208630  
(21) 2018208630 (22) 24.07.2018  
(54) COMMODITY METERING SYSTEM FOR WORK VEHICLE AND CALIBRATION METHOD FOR SAME  
(51) Int. Cl.  
*A01C 7/10* ( 2006.01 )  
*A01C 7/18* ( 2006.01 )  
(31) 15/711,805 (32) 21.09.17 (33) US  
(43) 04.04.2019  
(72) Borkgren, Stanley R.; Garner, Elijah B.; Miller, Jonathan T.  
(74) James & Wells Intellectual Property

(71) Deere & Company  
(11) AU-A-2018208631  
(21) 2018208631 (22) 24.07.2018  
(54) COMMODITY METERING SYSTEM FOR WORK VEHICLE AND CALIBRATION METHOD FOR SAME  
(51) Int. Cl.  
*A01C 7/10* ( 2006.01 )  
(31) 15/711,840 (32) 21.09.17 (33) US

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 (74) James & Wells Intellectual Property

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 (21) 2019201620 (22) 08.03.2019  
 (54) Fan with Learning Mode  
 (51) Int. Cl.  
*F04D 27/00* ( 2006.01 )  
*F04D 25/08* ( 2006.01 )

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 (62) 2015240946  
 (72) DESMET, James M.; REED, Alex; WHITE, Marshall; BISHOP, Jason; LENSER, Richard; BANKS, David R.; OLESON, Richard A.  
 (74) Jones Tulloch

(71) Denbury Resources Inc.  
 (11) AU-A-2019201595  
 (21) 2019201595 (22) 07.03.2019  
 (54) METHOD AND APPARATUS FOR DAMPENING FLOW VARIATIONS AND PRESSURIZING CARBON DIOXIDE  
 (51) Int. Cl.  
*F17C 7/00* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2014293545  
 (72) Guerra, Peter D.  
 (74) Ahearn Fox

(71) Depuy Ireland Unlimited Company  
 (11) AU-A-2018232897  
 (21) 2018232897 (22) 18.09.2018  
 (54) SIDE-SPECIFIC ORTHOPAEDIC SURGICAL INSTRUMENT SYSTEMS AND ASSOCIATED METHODS OF USE  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61B 50/33* ( 2016.01 )  
*A61B 90/70* ( 2016.01 )  
 (31) 15/709,100 (32) 19.09.17 (33) US  
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 (72) Stoller, Dennis A.; Wainscott, Stephanie M.; Lee, Jonathan C.; Chaney, Rebecca L.  
 (74) Spruson & Ferguson

(71) Depuy Ireland Unlimited Company  
 (11) AU-A-2018232898  
 (21) 2018232898 (22) 18.09.2018  
 (54) ORTHOPAEDIC SYSTEM AND METHOD FOR ASSEMBLING PROSTHETIC COMPONENTS  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
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 (43) 04.04.2019  
 (72) Wallace, Megan; Livorsi, Carl F.; Oden, Jeremy; Meadows, Gregory S.; Amaral, Franciso A.; Brock, Michael J.;

Webb, Anthony J.; Tsukayama, Craig S.; Moeller, Karen N.; Ditto, Richard C.  
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(71) Depuy Ireland Unlimited Company  
 (11) AU-A-2018232899  
 (21) 2018232899 (22) 18.09.2018  
 (54) METHOD AND INSTRUMENTS FOR ASSEMBLING AN ORTHOPAEDIC PROSTHESIS  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
 (31) 15/710,348 (32) 20.09.17 (33) US  
 (43) 04.04.2019  
 (72) Wallace, Megan; Livorsi, Carl F.; Oden, Jeremy; Meadows, Gregory S.; Amaral, Franciso A.; Brock, Michael J.; Webb, Anthony J.; Tsukayama, Craig S.; Moeller, Karen N.; Ditto, Richard C.  
 (74) Spruson & Ferguson

(71) Depuy Ireland Unlimited Company  
 (11) AU-A-2018232900  
 (21) 2018232900 (22) 18.09.2018  
 (54) METHOD AND INSTRUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC PROSTHESIS  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
 (31) 15/710,373 (32) 20.09.17 (33) US  
 (43) 04.04.2019  
 (72) Wallace, Megan; Livorsi, Carl F.; Oden, Jeremy; Meadows, Gregory S.; Amaral, Franciso A.; Brock, Michael J.; Webb, Anthony J.; Tsukayama, Craig S.; Moeller, Karen N.; Ditto, Richard C.  
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(71) Depuy Ireland Unlimited Company  
 (11) AU-A-2019201639  
 (21) 2019201639 (22) 08.03.2019  
 (54) Femoral system handle surgical instrument and method of assembling same  
 (51) Int. Cl.  
*A61B 17/56* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2014201465  
 (72) TSUKAYAMA, Craig S.; CHANEY, Rebecca L.; MACUMBER, William R.; LUBENSKY, Janelle M.; YOUNG, Duncan G.; LEE, Jonathan C.; WALCUTT, Jeffrey M.; AMARAL, Francisco A.; LIVORSI, Carl F.  
 (74) Spruson & Ferguson

(71) Dometic Sweden AB  
 (11) AU-A-2018229567  
 (21) 2018229567 (22) 17.09.2018  
 (54) Touch free toilet  
 (51) Int. Cl.  
*E03D 5/10* ( 2006.01 )  
*B60R 15/04* ( 2006.01 )  
 (31) 62/559,963 (32) 18.09.17 (33) US

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 (72) Snyder, Nathan A.  
 (74) Shelston IP Pty Ltd.

(71) Dow AgroSciences LLC  
 (11) AU-A-2019201626  
 (21) 2019201626 (22) 08.03.2019  
 (54) Picolinamide compounds with fungicidal activity  
 (51) Int. Cl.  
*C07D 213/81* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
*A01N 47/18* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2015374459  
 (72) Bravo-Altamirano, Karla; Dekorver, Kyle A.; Jones, David M.; Daeuble Sr., John F.; Herrick, Jessica; Epp, Jeffrey B.; Delorbe, Johnathan E.; Meyer, Kevin G.; Yao, Chenglin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Duke University  
 (11) AU-A-2019201763  
 (21) 2019201763 (22) 14.03.2019  
 (54) DEVICES, SYSTEMS AND METHODS FOR DEEP BRAIN STIMULATION PARAMETERS  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2014268697  
 (72) Grill, Warren M.; Brocker, David T.; Kent, Alexander R.  
 (74) Peter Maxwell & Associates

(71) Dyson Technology Limited  
 (11) AU-A-2019201652  
 (21) 2019201652 (22) 11.03.2019  
 (54) Cleaning apparatus  
 (51) Int. Cl.  
*A47L 5/36* ( 2006.01 )  
*A47L 5/24* ( 2006.01 )  
*A47L 9/00* ( 2006.01 )  
*A47L 9/24* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2015248697  
 (72) Marsh, Jonathan; Brook, Daniel  
 (74) Shelston IP Pty Ltd.

(71) EasyMarkit Software, Inc.  
 (11) AU-A-2018204523  
 (21) 2018204523 (22) 22.06.2018  
 (54) System and method for cross-region patient data management and communication  
 (51) Int. Cl.  
*G16H 10/00* ( 2018.01 )  
*G06F 16/93* ( 2019.01 )  
*G06F 21/60* ( 2013.01 )  
*G16H 80/00* ( 2018.01 )  
 (31) 15/711,096 (32) 21.09.17 (33) US  
 (43) 04.04.2019  
 (72) Ingraham, Owen  
 (74) Davies Collison Cave Pty Ltd

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(71) Endotronix, Inc.  
 (11) AU-A-2019201803  
 (21) 2019201803 (22) 15.03.2019  
 (54) PRESSURE SENSING IMPLANT  
 (51) Int. Cl.

**A61B 5/07** ( 2006.01 )

(43) 04.04.2019  
 (62) 2014275484  
 (72) Rowland, Harry; Nagy, Michael;  
 Watkins, Roger; Sundaram, Suresh;  
 Sundaram, Balamurugan  
 (74) Peter Maxwell & Associates

(71) Ento Solutions Limited  
 (11) AU-A-2018208619  
 (21) 2018208619 (22) 23.07.2018  
 (54) MONITORING DEVICE  
 (51) Int. Cl.

**G01C 21/08** ( 2006.01 )

**G01C 21/16** ( 2006.01 )

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 (43) 04.04.2019  
 (72) KENDON, Alexander Charles Thomas;  
 O'DONNELL, Brett David; LEWIS,  
 Sean Owen; HENDERSON, Christoph-  
 er David  
 (74) P L BERRY & ASSOCIATES

(71) EURO-CELTIQUE S.A.  
 (11) AU-A-2019201739  
 (21) 2019201739 (22) 13.03.2019  
 (54) Dispenser  
 (51) Int. Cl.

**A61M 5/00** ( 2006.01 )

**A61M 15/00** ( 2006.01 )

(43) 04.04.2019  
 (62) 2014230958  
 (72) Duignan, Cathal; McDerment, Iain Gri-  
 erson; Prior, Peter  
 (74) FPA Patent Attorneys Pty Ltd

(71) EURO-CELTIQUE S.A.  
 (11) AU-A-2019201740  
 (21) 2019201740 (22) 13.03.2019  
 (54) Dispenser  
 (51) Int. Cl.

**A61M 5/00** ( 2006.01 )

**A61M 15/00** ( 2006.01 )

(43) 04.04.2019  
 (62) 2014230958  
 (72) Duignan, Cathal; McDerment, Iain Gri-  
 erson; Prior, Peter  
 (74) FPA Patent Attorneys Pty Ltd

(71) Evogene Ltd.  
 (11) AU-A-2019201587  
 (21) 2019201587 (22) 07.03.2019  
 (54) Isolated polynucleotides, polypeptides  
 and methods of using same for increas-  
 ing abiotic stress tolerance, biomass  
 and yield of plants

(51) Int. Cl.  
**A01H 5/00** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )

(43) 04.04.2019  
 (62) 2013310979  
 (72) Dangoor, Inbal Nurith; Karchi, Hagai  
 (74) Spruson & Ferguson

(71) Facebook, Inc.  
 (11) AU-A-2019201800  
 (21) 2019201800 (22) 15.03.2019  
 (54) Incorporation of content from an extern-  
 al followed user within a social network-  
 ing system  
 (51) Int. Cl.

**G06Q 50/30** ( 2012.01 )

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 (62) 2014212817  
 (72) SADAN, Yariv; RAIT, Zachary Ethan  
 Carpen; HAUGEN, Austin Daniel  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Field Upgrading USA, Inc.  
 (11) AU-A-2019201664  
 (21) 2019201664 (22) 12.03.2019  
 (54) Low viscosity/high conductivity sodium  
 haloaluminat electrolyte  
 (51) Int. Cl.

**H01M 10/36** ( 2006.01 )

**H01M 10/0562** ( 2010.01 )

**H01M 10/38** ( 2006.01 )

(43) 04.04.2019  
 (62) 2014274717  
 (72) Bhavaraju, Sai; Robins, Mathew  
 (74) Davies Collison Cave Pty Ltd

(71) Fox Sports Productions, Inc.  
 (11) AU-A-2019201678  
 (21) 2019201678 (22) 08.03.2019  
 (54) Systems and methods for tracking and  
 tagging objects within a broadcast  
 (51) Int. Cl.

**G06T 7/20** ( 2006.01 )

**H04N 21/478** ( 2011.01 )

(43) 04.04.2019  
 (62) 2013308641  
 (72) Davies, Michael; Fields, Zachary;  
 Shanks, David Eric; Steinberg, Gerald  
 (74) Spruson & Ferguson

(71) Frank's International, LLC  
 (11) AU-A-2019201655  
 (21) 2019201655 (22) 11.03.2019  
 (54) Wear sensor for a pipe guide  
 (51) Int. Cl.

**E21B 19/02** ( 2006.01 )

**E21B 19/06** ( 2006.01 )

**E21B 41/00** ( 2006.01 )

(43) 04.04.2019  
 (62) 2016251538  
 (72) ANGELLE, Jeremy Richard;  
 THIBODEAUX JR., Robert; STELLY,  
 John Erick  
 (74) Spruson & Ferguson

(71) Freeman, D.  
 (11) AU-A-2018222893  
 (21) 2018222893 (22) 27.08.2018  
 (54) Rammed earth forming apparatus

(51) Int. Cl.  
**E04B 2/86** ( 2006.01 )  
 (31) 2017903457 (32) 27.08.17 (33) AU  
 (43) 04.04.2019  
 (72) Freeman, David Nicholas  
 (74) David Nicholas Freeman

(71) FREEZIO AG  
 (11) AU-A-2019201601  
 (21) 2019201601 (22) 08.03.2019  
 (54) Dispenser having a cartridge holder  
 (51) Int. Cl.

**B67D 1/08** ( 2006.01 )

(43) 04.04.2019  
 (62) 2017207768  
 (72) Krüger, Marc; Empl, Günter; Fischer,  
 Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-A-2019201605  
 (21) 2019201605 (22) 08.03.2019  
 (54) Dispenser having a cartridge holder  
 (51) Int. Cl.

**B67D 1/08** ( 2006.01 )

(43) 04.04.2019  
 (62) 2017207768  
 (72) Krüger, Marc; Empl, Günter; Fischer,  
 Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-A-2019201610  
 (21) 2019201610 (22) 08.03.2019  
 (54) Dispenser having a cartridge holder  
 (51) Int. Cl.

**B67D 1/08** ( 2006.01 )

(43) 04.04.2019  
 (62) 2017207768  
 (72) Krüger, Marc; Empl, Günter; Fischer,  
 Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-A-2019201727  
 (21) 2019201727 (22) 13.03.2019  
 (54) Cartridge receiver, cartridge system,  
 drink preparation machine and method  
 for producing a drink

(51) Int. Cl.

**B67D 1/08** ( 2006.01 )

(43) 04.04.2019  
 (62) 2017207774  
 (72) Krüger, Marc; Empl, Günter; Fischer,  
 Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-A-2019201732  
 (21) 2019201732 (22) 13.03.2019  
 (54) Cartridge receiver, cartridge system,  
 drink preparation machine and method  
 for producing a drink

(51) Int. Cl.

**B67D 1/08** ( 2006.01 )

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 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FREEZIO AG  
 (11) AU-A-2019201736  
 (21) 2019201736 (22) 13.03.2019  
 (54) Cartridge receiver, cartridge system, drink preparation machine and method for producing a drink  
 (51) Int. Cl.  
*B67D 1/08* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2017207774  
 (72) Krüger, Marc; Empl, Günter; Fischer, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) FUTURE CONSTRUCTION & CIVIL PTY LTD  
 (11) AU-A-2019200467  
 (21) 2019200467 (22) 23.01.2019  
 (54) Excavation devices and methods  
 (51) Int. Cl.  
*E02F 5/02* ( 2006.01 )  
*E02F 5/10* ( 2006.01 )  
 (43) 04.04.2019  
 (62) 2013334475  
 (72) Johnson, James  
 (74) Adam Law Patent & Trade Mark Attorney

(71) GENENTECH, INC.  
 (11) AU-A-2019201603  
 (21) 2019201603 (22) 08.03.2019  
 (54) Production of proteins in glutamine-free cell culture media  
 (51) Int. Cl.  
*C12N 5/10* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
 (43) 04.04.2019  
 (62) 2016238859  
 (72) GAWLITZEK, Martin; PETRAGLIA, Christina Teresa; LUO, Shun  
 (74) Griffith Hack

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**(54)** A steering system for a marine vessel  
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**(71)** MasterCard International Incorporated  
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**(54)** Method and system for retry processing of controlled payment transactions  
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**(11)** AU-A-2019201742  
**(21)** 2019201742 **(22)** 13.03.2019  
**(54)** Systems and methods for identifying merchant locations based on transaction records  
**(51)** Int. Cl.  
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**(21)** 2019201690 **(22)** 12.03.2019  
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**(51)** Int. Cl.  
**A61M 25/01** ( 2006.01 )  
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**(54)** Rotavirus-Like Particle Production in Plants  
**(51)** Int. Cl.  
**C12N 7/04** ( 2006.01 )  
**A61K 39/15** ( 2006.01 )  
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**(21)** 2019201509 **(22)** 05.03.2019  
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**(51)** Int. Cl.  
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**B25J 9/06** ( 2006.01 )  
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**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Medtronic Xomed, Inc.  
**(11)** AU-A-2019201702  
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**(54)** System for omni-directional bipolar stimulation of nerve tissue of a patient via a surgical tool  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
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**(54)** Integrated Umbilical Delivery System for Gas, Data Communications Acquisition /Documentation, Accessory Power and Safety for Users in Adverse Environments  
**(51)** Int. Cl.  
**H01B 7/04** ( 2006.01 )  
**B63C 11/00** ( 2006.01 )  
**B63C 11/18** ( 2006.01 )  
**B63C 11/20** ( 2006.01 )  
**H01B 7/00** ( 2006.01 )  
**(43)** 04.04.2019  
**(62)** 2014369974  
**(72)** Messner, William  
**(74)** Acacia Law

**(71)** Metavention, Inc.  
**(11)** AU-A-2019201729  
**(21)** 2019201729 **(22)** 13.03.2019  
**(54)** Therapeutic neuromodulation of the hepatic system  
**(51)** Int. Cl.  
**A61N 1/28** ( 2006.01 )  
**(43)** 04.04.2019  
**(62)** 2017202821  
**(72)** Azamian, Bobak Robert; Coe, Jonathan Allen; Vafai, Scott Bradley  
**(74)** FB Rice Pty Ltd

**(71)** Mitral Valve Technologies Sàrl  
**(11)** AU-A-2019201806  
**(21)** 2019201806 **(22)** 15.03.2019  
**(54)** Valve docking devices, systems and methods  
**(51)** Int. Cl.  
**A61F 2/06** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**(43)** 04.04.2019  
**(62)** 2017254819  
**(72)** SPENCE, Paul A.; TOMPKINS, Landon H.  
**(74)** Spruson & Ferguson

**Mitsubishi Tanabe Pharma Corporation see Medicago Inc.**

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(71) Nanosphere Health Sciences, LLC  
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(21) 2019201792 (22) 15.03.2019  
(54) Lipid nanoparticle compositions and methods as carriers of cannabinoids in standardized precision-metered dosage forms

(51) Int. Cl.  
**A61K 45/00** ( 2006.01 )  
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(62) 2015385825  
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(74) Davies Collison Cave Pty Ltd

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(54) SONAR TRANSDUCER ASSEMBLY HAVING A PRINTED CIRCUIT BOARD WITH FLEXIBLE ELEMENT TABS

(51) Int. Cl.  
**G10K 11/26** ( 2006.01 )  
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(21) 2019201704 (22) 13.03.2019  
(54) Influenza virus reassortment

(51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
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(51) Int. Cl.  
**H02M 7/217** ( 2006.01 )  
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(21) 2018222941 (22) 29.08.2018  
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(51) Int. Cl.  
**H05G 1/02** ( 2006.01 )  
**H05G 2/00** ( 2006.01 )  
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(74) FB Rice Pty Ltd

(71) Nuctech Company Limited  
(11) AU-A-2018232922  
(21) 2018232922 (22) 18.09.2018  
(54) Ray energy calibration device, ray energy calibration method and ray imaging system

(51) Int. Cl.  
**G01T 1/29** ( 2006.01 )  
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**G01V 5/00** ( 2006.01 )  
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(54) Tuyere for bottom and side blowing and method for cooling the same

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**C21B 7/16** ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd

**Ohio State Innovation Foundation see Research Institute at Nationwide Children's Hospital**  
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(71) Orange Maker LLC  
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(21) 2019201593 (22) 07.03.2019  
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**A61K 45/00** ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd

(71) Ortho Regenerative Technologies Inc.  
(11) AU-A-2019201746  
(21) 2019201746 (22) 13.03.2019  
(54) FREEZE-DRIED POLYMER COMPOSITIONS FOR MIXING WITH PLATELET RICH PLASMA TO FORM IMPLANTS FOR TISSUE REPAIR AND/OR COMPOSITIONS FOR THERAPEUTIC INTRA-ARTICULAR INJECTIONS

(51) Int. Cl.  
**A61L 27/20** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 31/722** ( 2006.01 )  
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**A61L 24/08** ( 2006.01 )  
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**A61P 19/02** ( 2006.01 )  
**C08J 3/12** ( 2006.01 )  
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(74) Jones Tulloch

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(54) Systems and methods for diagnosis of depression and other medical conditions

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**A61B 5/0476** ( 2006.01 )  
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(72) Osvath, Laszlo; Shapiro, Colin  
(74) FB Rice Pty Ltd

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(54) Elevator load bearing termination assembly for carbon fiber belt

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**B66B 7/08** ( 2006.01 )  
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 (72) Scoville, Bradley Armand  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2019201755  
 (21) 2019201755 (22) 14.03.2019  
 (54) Currency Operated Automobile Fluid Dispensing and/or Recovery Assemblies and Methods  
 (51) Int. Cl.  
*B60C 25/00* ( 2006.01 )  
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 (62) 2015243937  
 (72) PAASCH, Robert W.; GROSS, Ray  
 (74) PIPERS

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 (21) 2018232937 (22) 18.09.2018  
 (54) Long life, Fire Proof, Multi Stage Evaporative Air Conditioning Panel  
 (51) Int. Cl.  
*F24F 13/28* ( 2006.01 )  
*B01D 39/20* ( 2006.01 )  
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 (72) Pagden, Kenneth Lindsay  
 (74) Kenneth Lindsay Pagden

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 (51) Int. Cl.

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*G06N 7/00* ( 2006.01 )  
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 (54) Vehicle alert device  
 (51) Int. Cl.  
*B60R 21/01* ( 2006.01 )

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 (54) Injectable preformed macroscopic 3-dimensional scaffolds for minimally invasive administration  
 (51) Int. Cl.  
*A61K 31/7088* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 47/36* ( 2006.01 )  
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*A61P 41/00* ( 2006.01 )

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 (74) Griffith Hack

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 (54) Roof report generation  
 (51) Int. Cl.  
*G06F 17/50* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06T 7/20* ( 2017.01 )  
*G06T 19/00* ( 2011.01 )  
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 (54) Parcel change detection  
 (51) Int. Cl.  
*G06T 7/30* ( 2017.01 )  
*G06Q 50/16* ( 2012.01 )  
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 (54) Fixtures for laying a joint-covering/threshold-covering profiled element and kit comprising such fixture  
 (51) Int. Cl.  
*E04F 15/00* ( 2006.01 )  
*E04F 19/02* ( 2006.01 )  
*E06B 1/70* ( 2006.01 )  
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*A61K 9/22* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
*A61K 38/28* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
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 (54) SYSTEMS AND METHODS FOR EXPLOITING INTER-CELL MULTIPLEXING GAIN IN WIRELESS CELLULAR SYSTEMS VIA DISTRIBUTED INPUT DISTRIBUTED OUTPUT TECHNOLOGY  
 (51) Int. Cl.  
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 (74) Ellis Terry

Reis, H. see Temple University-Of The Commonwealth System of Higher Education  
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 (54) Systems and methods for treating back pain  
 (51) Int. Cl.  
*A61B 18/18* ( 2006.01 )  
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 (62) 2012362524  
 (72) Pellegrino, Richard; Peters, Rex; Heggeness, Michael H.  
 (74) FB Rice Pty Ltd

(71) Research Institute at Nationwide Children's Hospital; Ohio State Innovation Foundation  
 (11) AU-A-2019201644  
 (21) 2019201644 (22) 11.03.2019  
 (54) PROBIOTIC FORMULATIONS AND METHODS FOR USE  
 (51) Int. Cl.  
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*A23L 33/17* ( 2016.01 )  
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 (11) AU-A-2019201686  
 (21) 2019201686 (22) 12.03.2019  
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 (51) Int. Cl.  
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*G01N 33/567* ( 2006.01 )  
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 (54) Combined energy network  
 (51) Int. Cl.  
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*H02J 3/04* ( 2006.01 )  
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(71) Sanofi  
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 (54) Antibodies that bind IL-4 and/or IL-13 and their uses  
 (51) Int. Cl.  
*C07K 16/24* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
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 (11) AU-A-2019201645  
 (21) 2019201645 (22) 11.03.2019  
 (54) High surface area layered double hydroxides  
 (51) Int. Cl.  
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Shapiro, C. see Osvath, L.  
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 (54) Method and apparatus for cooling down a cryogenic heat exchanger and method of liquefying a hydrocarbon stream  
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 (51) Int. Cl.  
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 (54) ELECTRICAL DISTRIBUTION BOX WITH STEPPED FACE PLATE  
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 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) Solas Science & Engineering Co., Ltd.  
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 (54) Marine Propulsion System  
 (51) Int. Cl.  
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 (72) LIN, Yuen-Junn  
 (74) A.P.T. Patent and Trade Mark Attorneys

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*G01N 15/14* ( 2006.01 )  
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 (51) Int. Cl.  
*G06K 9/48* ( 2006.01 )  
*G06T 7/149* ( 2017.01 )  
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**G10L 19/02** ( 2006.01 )  
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**G10L 19/22** ( 2013.01 )  
**H03M 7/30** ( 2006.01 )  
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(74) Watermark Intellectual Property Pty Ltd

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(21) 2019201799 (22) 15.03.2019  
(54) Use of short chain fatty acids in cancer prevention  
(51) Int. Cl.  
**A61K 31/19** ( 2006.01 )  
(43) 04.04.2019  
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(72) Reis, Helena M.G.P.V.; Feitelson, Mark A.  
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(51) Int. Cl.  
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**F03G 7/10** ( 2006.01 )  
(43) 04.04.2019  
(72) Thayaparan, Balathayaparan  
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(21) 2019201608 (22) 08.03.2019  
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(51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
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(54) Printed circuit board arrangement for welding and cutting apparatus  
(51) Int. Cl.  
**H05K 1/02** ( 2006.01 )  
**B23K 9/10** ( 2006.01 )  
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(21) 2019201671 (22) 12.03.2019  
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(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(43) 04.04.2019  
(62) 2015346295  
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(51) Int. Cl.  
**C07D 519/04** ( 2006.01 )  
**A61K 31/475** ( 2006.01 )

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(31) 62/559,295 (32) 15.09.17 (33) US  
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(72) Boger, Dale  
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(21) 2019201829 (22) 15.03.2019  
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(51) Int. Cl.  
**C07K 14/315** ( 2006.01 )  
(43) 04.04.2019  
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(11) AU-A-2019201643  
(21) 2019201643 (22) 11.03.2019  
(54) Oscillating positive expiratory pressure device  
(51) Int. Cl.  
**A61M 16/00** ( 2006.01 )  
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(62) 2017204006  
(72) MEYER, Adam; KOPALA, Raphael; DOBSON, Chris; SCHMIDT, James; ALIZOTI, Neritan  
(74) Spruson & Ferguson

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**Tsinghua University see Nuctech Company Limited**  
(21) 2018222941

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(71) Tyr Tactical, LLC  
(11) AU-A-2019201624  
(21) 2019201624 (22) 08.03.2019  
(54) Load carriage frame  
(51) Int. Cl.  
**A45F 3/10** ( 2006.01 )  
(43) 04.04.2019  
(62) 2017203713  
(72) BECK, Jason  
(74) Spruson & Ferguson

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(11) AU-A-2019201776  
(21) 2019201776 (22) 14.03.2019  
(54) Tailored liposomes for the treatment of bacterial infections  
(51) Int. Cl.  
**A61K 9/10** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
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**WavePharma, LLC see Alumend, LLC**

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(21) 2019201658

(71) Weber-Stephen Products LLC

(11) AU-A-2019201672

(21) 2019201672 (22) 12.03.2019

(54) Electric grill with current protection circuitry

(51) Int. Cl.

*H02H 5/00* ( 2006.01 )

(43) 04.04.2019

(62) 2017204387

(72) KNAPPENBERGER, Eric; ZULETA, Julio C.; LERCH, Matthew; EMMERICH, Jeffery C.

(74) Spruson & Ferguson

(71) Western Clinical Engineering Ltd.

(11) AU-A-2018232960

(21) 2018232960 (22) 19.09.2018

(54) Tourniquet safety sleeve for reducing limb injury

(51) Int. Cl.

*A61B 17/135* ( 2006.01 )

*A61B 17/12* ( 2006.01 )

*A61B 46/27* ( 2016.01 )

(31) 15/712,095 (32) 21.09.17 (33) US

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(72) MCEWEN, James A.; JAMESON, Michael; LAI, Tom Yu Chia

(74) Spruson & Ferguson

(71) World Wide Daily Holdings Company Limited

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(21) 2017405993 (22) 19.09.2017

(54) Dental cleaning tool with handle shield

(51) Int. Cl.

*A61C 15/00* ( 2006.01 )

(43) 04.04.2019

(72) To, Chun Yuen

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(71) WUHAN CHANGSHENG MINE SECURITY TECHNOLOGY LIMITED; CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING

(11) AU-A-2018232998

(21) 2018232998 (22) 20.09.2018

(54) THREE-DIMENSIONAL DIRECTIONAL TRANSIENT ELECTROMAGNETIC DETECTION DEVICE AND METHOD FOR MINING BOREHOLE

(51) Int. Cl.

*G01V 3/08* ( 2006.01 )

(31) CN201710861451.8(32) 21.09.17 (33) CN

(43) 04.04.2019

(72) Wu, Qiang; Liu, Liu; Zeng, Yifan; Tao, Fengjuan; Liu, Chunsheng

(74) Madders Pty Ltd

(71) Xyleco, Inc.

(11) AU-A-2019201650

(21) 2019201650 (22) 11.03.2019

(54) Processing Biomass

(51) Int. Cl.

*B01J 19/08* ( 2006.01 )

(43) 04.04.2019

(62) 2017204201

(72) Medoff, Marshall; Masterman, Thomas; Paradis, Robert

(74) WRAYS PTY LTD

(71) Xyleco, Inc.

(11) AU-A-2019201804

(21) 2019201804 (22) 15.03.2019

(54) Processing Materials

(51) Int. Cl.

*A23L 3/26* ( 2006.01 )

*B65G 17/30* ( 2006.01 )

*B65G 27/00* ( 2006.01 )

*C12P 7/10* ( 2006.01 )

*G01T 7/08* ( 2006.01 )

(43) 04.04.2019

(62) 2017203623

(72) Medoff, Marshall; Masterman, Thomas; Paradis, Robert

(74) WRAYS PTY LTD



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2017232120	GRACO CHILDREN'S PRODUCTS INC.	2019200824	Orban Biotech LLC
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2018200751	Tata Consultancy Services Limited	2019201509	Medrobotics
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2018201185	Kabushiki Kaisha Toshiba	2019201591	Cognian Technologies Ltd.
2018201567	Kabushiki Kaisha Toshiba	2019201593	Orange Maker LLC
2018204079	Aktiebolaget SKF	2019201594	MasterCard International Incorporated
2018204523	EasyMarkit Software, Inc.	2019201595	Denbury Resources Inc.
2018204745	Obschestvo S Ogranichennoi Otvetstvennostyu "Mednogorsky Medno-serny Kombinat"	2019201596	Telefonaktiebolaget LM Ericsson (publ)
2018204788	Integrated Plastics Pty Limited	2019201598	Linhai Shengzhi Cup Industry Co., Ltd.
2018205182	Adobe Inc.	2019201599	Longquan Shengzhi Cup Industry Co., Ltd.
2018208619	Ento Solutions Limited	2019201601	FREEZIO AG
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2018208630	Deere & Company	2019201604	BiOWiSH Technologies, Inc.
2018208631	Deere & Company	2019201605	FREEZIO AG
2018214154	SDI Corporation	2019201606	Ablynx NV
2018220066	Li, B.	2019201608	The Broad Institute, Inc.; Massachusetts Institute of Technology
2018220107	Progress Profiles SpA	2019201610	FREEZIO AG
2018220119	Nuctech Company Limited	2019201615	GPCP IP Holdings LLC
2018220135	Biosense Webster (Israel) Ltd.	2019201616	K-fee System GmbH
2018222893	Freeman, D.	2019201617	Alcon Research, Ltd.
2018222941	Nuctech Company Limited; Tsinghua University	2019201620	Delta T, LLC
2018222991	Palo Alto Research Center Incorporated	2019201621	Hemosonics, LLC
2018222994	Boston Scientific Neuromodulation Corporation	2019201623	HFI Innovation Inc.
2018226431	NAVICO HOLDING AS	2019201624	Tyr Tactical, LLC
2018229423	Industrial Galvanizers Corporation Pty Ltd	2019201626	Dow AgroSciences LLC
2018229430	IGT	2019201627	Grasfield, J.; Le, M.; Le, D.; Alexander, B.
2018229453	Imtrade Australia Pty Ltd	2019201628	Apple Inc.
2018229456	ASSA BLOY Australia Pty Limited	2019201629	Marine Canada Acquisitions, Inc.
2018229491	Otis Elevator Company	2019201631	Aristocrat Technologies Australia Pty Limited
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2018232898	Depuy Ireland Unlimited Company	2019201650	Xyleco, Inc.
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2019201739 EURO-CELTIQUE S.A.  
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2019201742 MasterCard International Incorporated  
2019201746 Ortho Regenerative Technologies Inc.  
2019201755 PAASCH, R.; GROSS, R.  
2019201757 CareFusion 303, Inc.  
2019201758 LOHMANN & RAUSCHER GMBH.  
2019201760 24/7 Customer, Inc.  
2019201763 Duke University  
2019201766 Osvath, L.; Shapiro, C.  
2019201768 Colgate-Palmolive Company  
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<u>C07D 417 /-</u> 2019201642	<u>C12P 19 /-</u> 2019201779	<u>F03B 17 /-</u> 2017228722	<u>G01T 1 /-</u> 2018232922	<u>G06T 15 /-</u> 2017228700	<u>H04W 76 /-</u> 2019201810
<u>C07D 487 /-</u> 2019201737	<u>C12P 7 /-</u> 2019201779 2019201804	<u>F03G 7 /-</u> 2017228722	<u>G01T 7 /-</u> 2019201804	<u>G06T 19 /-</u> 2018233020	<u>H05B 6 /-</u> 2019201774
<u>C07D 519 /-</u> 2018200774	<u>C12Q 1 /-</u> 2019201726 2019201779	<u>F04D 25 /-</u> 2019201620	<u>G01V 3 /-</u> 2018232998	<u>G06T 7 /-</u> 2018229526 2018233020 2018233021 2019201678	<u>H05G 1 /-</u> 2018222941
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	<u>E05B 13 /-</u> 2018229456	<u>G01N 15 /-</u> 2018229560	<u>G06Q 10 /-</u> 2018229430 2018233020 2019201682 2019201742	<u>H03K 3 /-</u> 2018220119	
	<u>E05B 63 /-</u> 2018229456	<u>G01N 33 /-</u> 2018229560 2019200824 2019201606 2019201621 2019201686 2019201816	<u>G06Q 20 /-</u> 2019201363 2019201594	<u>H03M 7 /-</u> 2019201596	
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 (54) MULTIPLE APPLIANCE ANTI-THEFT HARDWARE  
 (51) Int. Cl.  
*E05B 73/00* ( 2006.01 )  
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(71) Chen, M.  
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 (54) SYSTEM AND METHOD FOR DEVELOPING MODULARIZED APPLICATION  
 (51) Int. Cl.  
*G06F 8/36* ( 2018.01 )  
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 (31) 2018900658 (32) 28.02.18 (33) AU  
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 (72) Chen, Michael Changcheng  
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 (11) AU-A-2019100203  
 (21) 2019100203 (22) 25.02.2019  
 (54) LIGHT SOURCE CONTROL DEVICE  
 (51) Int. Cl.  
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*H04W 88/04* ( 2009.01 )  
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 (72) CHEN, Yu ta  
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 (54) A Foot for A Bulk Container  
 (51) Int. Cl.  
*B65D 90/14* ( 2006.01 )  
 (45) 04.04.2019  
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 (74) Chrysiliou IP

(71) E SCHAPEL & M.K SCHAPEL  
 (11) AU-A-2019100211  
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 (54) This item is a dual purpose compression garment comprising a knee high compression sock of bamboo fibre construction (15-20mmHg), with a durable waterproof and non-slip rubber sole integrally constructed with the compression sock.  
 (51) Int. Cl.  
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 (72) Schapel, Maxine  
 (74) E SCHAPEL & M.K SCHAPEL

(71) Girgis, A.  
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 (54) A dumbbell alternative comprising a grip handle, with a protruding bar in front and a supporting element behind, connected in such a way that a user can fix a weight along the protruding bar and grip the grip handle, as a supporting element rests against the users forearm to counter any weight on the protruding arm.  
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*A63B 21/072* ( 2006.01 )  
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 (72) Girgis, Amir  
 (74) Amir Girgis

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 (51) Int. Cl.  
*A61K 31/5513* ( 2006.01 )  
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 (72) Grech, Brian James  
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 (51) Int. Cl.  
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(71) Mung, K.F.  
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 (21) 2019100214 (22) 27.02.2019  
 (54) Unique Environment Friendly Vertical Grill Bamboo Charcoal Oven  
 (51) Int. Cl.  
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 (72) Mung, Kam Fong  
 (74) Lisa Li

(71) North China University of Science and Technology  
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 (54) AUTOMATIC BLOOD TEST DEVICE  
 (51) Int. Cl.  
*G01N 35/02* ( 2006.01 )  
 (31) 201821946627.6 (32) 23.11.18 (33) CN  
 (45) 04.04.2019  
 (72) YANG, Xuehui; ZHAO, Lixin; LIU, Yajie; LI, Ning; WANG, Na  
 (74) Baxter Patent Attorneys Pty Ltd

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 (54) IMPROVEMENTS IN BATHROOM AIR HANDLING  
 (51) Int. Cl.  
*B05B 1/18* ( 2006.01 )  
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 (72) JOHNSTON, Nicholas  
 (74) Churchill Attorneys

(71) SHAH, S.N.; DESAI, U.G.; AMIN, A.M.; PATEL, Y.K.  
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 (54) An additive for soil conditioning and an agricultural composition containing said additive for plant growth  
 (51) Int. Cl.  
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 ish Mahendrabhai; PATEL, Yogendra  
 Kanubhai  
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- (71) ThyssenKrupp Carbon Components  
 GmbH; ThyssenKrupp Federn und Sta-  
 bilisatoren GmbH  
 (11) AU-A-2019100209  
 (21) 2019100209 (22) 26.02.2019  
 (54) Device and method for the continuous  
 production of a multilayer strand from a  
 fibre material  
 (51) Int. Cl.  
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*D07B 1/02* ( 2006.01 )  
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 ponents GmbH**  
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 of Industrial Products  
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 DETECTION DEVICE FOR ADHESIVE  
 PART ON CHILD CLOTHES  
 (51) Int. Cl.  
*G01N 19/00* ( 2006.01 )  
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<p>(71) 8I Research Development Pty Ltd                      (11) AU-A-2017326744                      (21) 2017326744 (22) 19.09.2017                      (54) Fluid management system                      (51) Int. Cl.  <i>A61M 3/02</i> ( 2006.01 )  <i>A61M 5/142</i> ( 2006.01 )                      (87) WO2018/049467                      (31) 2016903765 (32) 19.09.16 (33) AU                      2017901496 24.04.17 AU                      (43) 22.03.2018                      (72) Yeung, Simon                      (74) FB Rice Pty Ltd</p>	<p>(54) Renewable energy and waste heat harvesting system                      (51) Int. Cl.  <i>F03D 9/17</i> ( 2016.01 )  <i>F03B 13/12</i> ( 2006.01 )  <i>F03B 13/14</i> ( 2006.01 )  <i>F03D 9/00</i> ( 2016.01 )  <i>F15B 13/00</i> ( 2006.01 )                      (87) WO2018/119324                      (31) A/2017/01156 (32) 20.12.17 (33) RO                      62/606,521 26.09.17 US                      62/498,336 21.12.16 US                      (43) 28.06.2018                      (72) Abaitancei, Horia; Mihai, Cornel; Ioana, Stefan                      (74) Spruson &amp; Ferguson</p>	<p>(43) 29.03.2018                      (72) Dutta, Sandeep; Kosloski, Matthew; Liu, Wei                      (74) Spruson &amp; Ferguson</p>
<p>(71) 8 Rivers Capital, LLC                      (11) AU-A-2017329061                      (21) 2017329061 (22) 13.09.2017                      (54) System and method for power production using partial oxidation                      (51) Int. Cl.  <i>C10J 3/46</i> ( 2006.01 )  <i>C10K 1/00</i> ( 2006.01 )  <i>C10K 1/04</i> ( 2006.01 )  <i>C10K 1/10</i> ( 2006.01 )  <i>C10K 1/32</i> ( 2006.01 )  <i>C10K 3/02</i> ( 2006.01 )                      (87) WO2018/051251                      (31) 62/393,752 (32) 13.09.16 (33) US                      (43) 22.03.2018                      (72) Forrest, Brock Alan; Lu, Xijia; Allam, Rodney John; Fetvedt, Jeremy Eron; Palmer, Miles R.                      (74) Spruson &amp; Ferguson</p>	<p>(71) Abbott Laboratories                      (11) AU-A-2017339809                      (21) 2017339809 (22) 02.10.2017                      (54) Improved methods of assessing UCH-L1 status in patient samples                      (51) Int. Cl.  <i>G01N 33/573</i> ( 2006.01 )                      (87) WO2018/067468                      (31) 62/455,269 (32) 06.02.17 (33) US                      62/403,293 03.10.16 US                      (43) 12.04.2018                      (72) Datwyler, Saul; McQuiston, Beth; Beligere, Gangamani; Brate, Elaine; Ramp, John; Pacenti, David                      (74) Spruson &amp; Ferguson</p>	<p>(71) Abivax                      (11) AU-A-2017326569                      (21) 2017326569 (22) 14.09.2017                      (54) Combinations including ABX196 for the treatment of cancer                      (51) Int. Cl.  <i>A61K 45/06</i> ( 2006.01 )  <i>A61K 31/7032</i> ( 2006.01 )  <i>A61K 31/704</i> ( 2006.01 )  <i>A61K 39/00</i> ( 2006.01 )  <i>A61K 39/395</i> ( 2006.01 )  <i>A61P 35/00</i> ( 2006.01 )                      (87) WO2018/050782                      (31) 16306169.0 (32) 14.09.16 (33) EP                      (43) 22.03.2018                      (72) Crabe, Sandrine; Scherrer, Didier; Ehrlich, Hartmut; Pouletty, Philippe                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) A &amp; A International, LLC                      (11) AU-A-2017382277                      (21) 2017382277 (22) 21.12.2017                      (54) Integrated energy conversion, transfer and storage system                      (51) Int. Cl.  <i>B60T 1/10</i> ( 2006.01 )  <i>F15B 1/027</i> ( 2006.01 )  <i>F16D 61/00</i> ( 2006.01 )                      (87) WO2018/119308                      (31) 62/498,348 (32) 21.12.16 (33) US                      62/580,360 01.11.17 US                      62/577,630 26.10.17 US                      A/2017/01143 20.12.17 RO                      62/606,511 26.09.17 US                      62/498,347 21.12.16 US                      (43) 28.06.2018                      (72) Abaitancei, Horia; Mihai, Cornel; Ioana, Stefan                      (74) Spruson &amp; Ferguson</p>	<p>(71) Abbott Laboratories                      (11) AU-A-2017339858                      (21) 2017339858 (22) 02.10.2017                      (54) Improved methods of assessing GFAP status in patient samples                      (51) Int. Cl.  <i>G01N 33/573</i> ( 2006.01 )                      (87) WO2018/067474                      (31) 62/455,269 (32) 06.02.17 (33) US                      62/403,293 03.10.16 US                      (43) 12.04.2018                      (72) Datwyler, Saul; McQuiston, Beth; Brate, Elaine; Ramp, John; Pacenti, David                      (74) Spruson &amp; Ferguson</p>	<p>(71) Achelios Therapeutics, Inc.                      (11) AU-A-2017325726                      (21) 2017325726 (22) 14.09.2017                      (54) Topical anti-inflammatory compositions                      (51) Int. Cl.  <i>A61K 9/00</i> ( 2006.01 )  <i>A61K 31/185</i> ( 2006.01 )  <i>A61K 31/192</i> ( 2006.01 )  <i>A61K 31/196</i> ( 2006.01 )  <i>A61K 31/40</i> ( 2006.01 )  <i>A61K 31/405</i> ( 2006.01 )  <i>A61K 31/407</i> ( 2006.01 )                      (87) WO2018/053128                      (31) 62/395,804 (32) 16.09.16 (33) US                      (43) 22.03.2018                      (72) Buyuktimkin, Servet; Buyuktimkin, Nadir; Yeager, James L.                      (74) Griffith Hack</p>
<p>(71) A &amp; A International, LLC                      (11) AU-A-2017382293                      (21) 2017382293 (22) 21.12.2017</p>	<p>(71) AbbVie Inc.                      (11) AU-A-2017332771                      (21) 2017332771 (22) 22.09.2017                      (54) Dose adjustment                      (51) Int. Cl.  <i>C07D 403/10</i> ( 2006.01 )  <i>A61K 31/4184</i> ( 2006.01 )  <i>A61K 31/4709</i> ( 2006.01 )  <i>A61P 31/14</i> ( 2006.01 )                      (87) WO2018/057919                      (31) 62/510,936 (32) 25.05.17 (33) US                      62/398,724 23.09.16 US</p>	<p>(71) Acument Intellectual Properties, LLC                      (11) AU-A-2017326354                      (21) 2017326354 (22) 14.09.2017                      (54) Drive system with full surface drive contact                      (51) Int. Cl.  <i>F16B 23/00</i> ( 2006.01 )  <i>F16B 35/04</i> ( 2006.01 )  <i>F16B 35/06</i> ( 2006.01 )                      (87) WO2018/053155                      (31) 62/395,096 (32) 15.09.16 (33) US                      (43) 22.03.2018                      (72) Goss, David C.                      (74) AJ PARK</p>
<p>(71) Additive Rocket Corporation                      (11) AU-A-2017322485</p>		

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**C01F 11/18** ( 2006.01 )  
**C08J 3/12** ( 2006.01 )  
**C08J 3/20** ( 2006.01 )  
**C08L 67/02** ( 2006.01 )  
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F17C 7/00 ( 2006.01 )  
F17C 9/00 ( 2006.01 )  
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**(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)** 1620516.3 **(32)** 02.12.16 **(33)** GB  
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**(74)** Phillips Ormonde Fitzpatrick
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**(21)** 2017328907 **(22)** 18.09.2017  
**(54)** Pharmaceutical composition  
**(51)** Int. Cl.  
**A61K 31/40** ( 2006.01 )  
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 A23L 25/00 ( 2016.01 )  
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 A61P 25/00 ( 2006.01 )  
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 A44C 7/00 ( 2006.01 )  
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 A61K 31/52 ( 2006.01 )  
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 A61P 29/00 ( 2006.01 )  
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 A01N 43/54 ( 2006.01 )  
 A01N 43/80 ( 2006.01 )  
 A01P 1/00 ( 2006.01 )  
 C09D 5/14 ( 2006.01 )  
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 (54) A method of purifying metal oxide particles and uses thereof  
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 C01G 1/02 ( 2006.01 )  
 A61K 49/06 ( 2006.01 )  
 B03D 3/06 ( 2006.01 )

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**(11)** AU-A-2017414719  
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**(54)** Constructed gel-filled cosmetic mask  
**(51)** Int. Cl.  
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**A61K 8/60** ( 2006.01 )  
**A61K 8/64** ( 2006.01 )  
**A61K 8/65** ( 2006.01 )  
**A61K 8/67** ( 2006.01 )  
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**(72)** Ruan, Shixing  
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**(71)** Safety Cut Ltd  
**(11)** AU-A-2017314222  
**(21)** 2017314222 **(22)** 17.08.2017  
**(54)** Electric bandsaw device  
**(51)** Int. Cl.  
**F16P 3/12** ( 2006.01 )  
**B27B 13/14** ( 2006.01 )  
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**(31)** 62/381,795 **(32)** 31.08.16 **(33)** US  
 62/383,908 06.09.16 US  
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**(71)** Sage Science, Inc.  
**(11)** AU-A-2017340500  
**(21)** 2017340500 **(22)** 04.10.2017  
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 automated processing of nucleic acids  
 and electrophoretic sample preparation  
**(51)** Int. Cl.  
**G01N 27/447** ( 2006.01 )  
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**(54)** Process for manufacturing mineral wool  
**(51)** Int. Cl.

**C03C 25/32** ( 2006.01 )  
**D04H 1/4209** ( 2012.01 )  
**D04H 1/587** ( 2012.01 )  
**D04H 1/64** ( 2006.01 )  
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**(74)** Griffith Hack

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**(11)** AU-A-2017360650  
**(21)** 2017360650 **(22)** 17.11.2017  
**(54)** Method and apparatus for analyzing  
 communication environment based on  
 property information of an object  
**(51)** Int. Cl.  
**H04B 17/309** ( 2015.01 )  
**H04B 17/27** ( 2015.01 )  
**(87)** WO2018/093204  
**(31)** 10-2016-0167131 **(32)** 08.12.16 **(33)** KR  
 62/423,412 17.11.16 US  
**(43)** 24.05.2018  
**(72)** Park, Yoonsung; Park, Sungbum; Lee,  
 Soonyoung  
**(74)** Griffith Hack

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**(11)** AU-A-2017361585  
**(21)** 2017361585 **(22)** 17.11.2017  
**(54)** Method and apparatus for analysing  
 communication channel in considera-  
 tion of material and contours of objects  
**(51)** Int. Cl.  
**H04B 17/309** ( 2015.01 )  
**G06T 17/05** ( 2011.01 )  
**H04B 17/27** ( 2015.01 )  
**(87)** WO2018/093202  
**(31)** 10-2016-0167140 **(32)** 08.12.16 **(33)** KR  
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**(43)** 24.05.2018  
**(72)** Lee, Soonyoung; Park, Sungbum;  
 Yoon, Sungrok; Cho, Minsung  
**(74)** Griffith Hack

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**(21)** 2017331066 **(22)** 04.05.2017  
**(54)** Systems and methods for providing  
 messages to multiple subscribers  
**(51)** Int. Cl.  
**H04L 12/58** ( 2006.01 )  
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**(31)** 15/274,281 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Milyakov, Igor  
**(74)** Michael Buck IP

**(71)** Sawhney, N.; Singh, S.K.  
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**(21)** 2017312652 **(22)** 17.08.2017  
**(54)** Injection monitoring device and system  
**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )  
**(87)** WO2018/035369  
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**(72)** Sawhney, Nisha; Singh, Shiv Kumar  
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**(11)** AU-A-2017327825  
**(21)** 2017327825 **(22)** 08.09.2017  
**(54)** Integrated coil vascular devices  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
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**B22F 1/02** ( 2006.01 )  
**C04B 35/628** ( 2006.01 )  
**C23C 4/10** ( 2006.01 )  
**C23C 18/08** ( 2006.01 )  
**C23C 18/12** ( 2006.01 )  
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**A61K 49/16** ( 2006.01 )  
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**H04B 3/60** ( 2006.01 )  
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**C07D 231/14** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
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**A01N 43/40** ( 2006.01 )  
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**A01P 7/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C01G 53/10** ( 2006.01 )  
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**C22B 3/38** ( 2006.01 )  
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**B22F 9/26** ( 2006.01 )  
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**B01J 20/24** ( 2006.01 )  
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**C07K 16/30** ( 2006.01 )  
**C12N 15/117** ( 2010.01 )  
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**G01N 33/48** ( 2006.01 )  
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**B60P 1/54** ( 2006.01 )  
**B66C 23/72** ( 2006.01 )
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**E01C 7/14** ( 2006.01 )  
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**B01D 39/20** ( 2006.01 )  
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**B01J 20/20** ( 2006.01 )  
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<b>2016421686</b>	Targimmune Therapeutics AG	<b>2017318080</b>	Beijing Supersonic Technology Co., Ltd.
<b>2016422146</b>	Vaz, G.	<b>2017318083</b>	Beijing Supersonic Technology Co., Ltd.
<b>2016422505</b>	Huawei Technologies Co., Ltd.	<b>2017318182</b>	Hauff-Technik GmbH & Co. Kg
<b>2016422767</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017318493</b>	Saint-Gobain Isover
<b>2016422889</b>	Prysmian S.p.A.	<b>2017318559</b>	Moo Print Limited
<b>2016422911</b>	E&S Healthcare Co., Ltd.; Paichai University Industry-Academic Cooperation Foundation	<b>2017318610</b>	The Board Of Trustees Of The University Of Illinois
<b>2016423070</b>	New York Air Brake, LLC	<b>2017319135</b>	The Regents of the University of Michigan
<b>2016423559</b>	CStone Pharmaceuticals; CStone Pharmaceuticals (Suzhou) Co., Ltd.; CStone Pharmaceuticals (Shanghai) Co., Ltd.	<b>2017319320</b>	Canopy Growth Corporation
<b>2016424515</b>	Huawei Technologies Co., Ltd.	<b>2017319464</b>	Sumitomo Metal Mining Co., Ltd.
<b>2016425306</b>	Prysmian S.p.A.	<b>2017319513</b>	Tetraphase Pharmaceuticals, Inc.
<b>2016425823</b>	Hewlett-Packard Development Company, L.P.	<b>2017319596</b>	ESAB AB
<b>2016426021</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017319627</b>	Sumitomo Chemical Company, Limited
<b>2016426136</b>	Avent, Inc.	<b>2017320468</b>	The Crucible Group IP Pty Ltd
<b>2016427000</b>	Halliburton Energy Services, Inc.	<b>2017320469</b>	The Crucible Group IP Pty Ltd
<b>2016427037</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017320476</b>	FutureVault Inc.
<b>2016427257</b>	Halliburton Energy Services, Inc.	<b>2017320901</b>	ProQR Therapeutics II B.V.
<b>2016428277</b>	Mitsubishi Electric Corporation	<b>2017320990</b>	Rohm and Haas Company; Dow Global Technologies LLC
<b>2016428816</b>	JGC Corporation	<b>2017321398</b>	Auroma Brewing Company
<b>2016429770</b>	Halliburton Energy Services, Inc.	<b>2017321528</b>	Kemiraoyj
<b>2016430875</b>	Halliburton Energy Services, Inc.	<b>2017321575</b>	NTT DOCOMO, INC.
<b>2016431600</b>	Reacta Biotech Limited	<b>2017321625</b>	Xencor, Inc.
<b>2016433050</b>	Halliburton Energy Services, Inc.	<b>2017321720</b>	De Luca Oven Technologies, Llc
<b>2016433067</b>	Halliburton Energy Services, Inc.	<b>2017321965</b>	The University of Utah Research Foundation
<b>2016433792</b>	Halliburton Energy Services, Inc.	<b>2017322068</b>	Coloreel Group AB
<b>2017250686</b>	Strong Arm Technologies, Inc.	<b>2017322092</b>	Madad Pty Ltd
<b>2017309337</b>	Muñoz Saiz, M.	<b>2017322100</b>	Matrix Composites & Engineering Ltd
<b>2017309405</b>	Green Life Farms Pty Ltd	<b>2017322210</b>	Nature's Dream, Inc.
<b>2017309817</b>	Australian Institute of Robotic Orthopaedics Pty Ltd	<b>2017322329</b>	Terumo Medical Corporation
<b>2017309823</b>	Jetson I.P. Pty Ltd	<b>2017322332</b>	Hoffman, S.
<b>2017311691</b>	Vidac Pharma Ltd.	<b>2017322343</b>	GFC Diagnostics Ltd.
<b>2017311698</b>	Entera Bio Ltd.	<b>2017322397</b>	Atara Biotherapeutics, Inc.; The Council of the Queensland Institute of Medical Research
<b>2017311851</b>	Pendave Pty Ltd	<b>2017322421</b>	Airwir, LLC
<b>2017312194</b>	Immunores-Therapeutics, LLC	<b>2017322483</b>	Valerion Therapeutics, LLC
<b>2017312214</b>	The Methodist Hospital System	<b>2017322485</b>	Additive Rocket Corporation
<b>2017312508</b>	The Ticket Fairy, Inc.	<b>2017322575</b>	Vero Biotech LLC
<b>2017312652</b>	Sawhney, N.; Singh, S.K.	<b>2017322653</b>	Regenera Pharma Ltd.
<b>2017312737</b>	Summit Innovation Labs, LLC	<b>2017322654</b>	Regenera Pharma Ltd.
<b>2017312951</b>	Genzyme Corporation	<b>2017322717</b>	Exactech, Inc.
<b>2017313042</b>	Genzyme Corporation	<b>2017322952</b>	Sumitomo Chemical Company, Limited
<b>2017313360</b>	Futurebay Limited	<b>2017322968</b>	Shin-Etsu Chemical Co., Ltd.
<b>2017313410</b>	Moudgil, R.	<b>2017323012</b>	Fu, J.; Liu, F.; Chen, B.
<b>2017313442</b>	Arc Infrastructure Pty Ltd	<b>2017323407</b>	Construction Research & Technology GmbH
<b>2017313453</b>	D'Urso, P.S.	<b>2017323489</b>	IntensiChem Group Limited
<b>2017313806</b>	Orbis Health Solutions LLC	<b>2017323599</b>	Hladio, A.; Fanson, R.; Ryterski, E.; Ferrabee, R.; Narciso, R.; Intellijoint Surgical Inc.
<b>2017313897</b>	Foresee Pharmaceuticals Co., Ltd.	<b>2017324111</b>	Karl Leibinger Medizintechnik GmbH & Co. KG
<b>2017313928</b>	Van Den Berg, J.D.J.	<b>2017324192</b>	Karl Leibinger Medizintechnik GmbH & Co. KG
<b>2017314052</b>	Liebherr-Mining Equipment Colmar SAS	<b>2017324194</b>	Karl Leibinger Medizintechnik GmbH & Co. KG
<b>2017314133</b>	Seram Coatings AS	<b>2017324233</b>	Neuravi Limited
<b>2017314178</b>	BeiGene, Ltd.	<b>2017324262</b>	Glia, LLC
<b>2017314222</b>	Safety Cut Ltd	<b>2017324360</b>	ISP Investments LLC; ELC Management LLC
<b>2017315075</b>	MedImmune Limited	<b>2017324449</b>	Morehouse School of Medicine; Devmar Products, LLC; Innovative Environmental Companies
<b>2017315076</b>	MedImmune Limited	<b>2017324880</b>	I.C. Medical, Inc.
<b>2017316203</b>	Tran, D.	<b>2017325101</b>	Quintessence Labs
<b>2017316531</b>	The Boeing Company; Washington State University	<b>2017325117</b>	ATF Services Pty Ltd
<b>2017316624</b>	Viking Group, Inc.	<b>2017325129</b>	Dillon, P.
<b>2017316680</b>	Star Mesh LLC	<b>2017325272</b>	Daiichi Sankyo Company, Limited
<b>2017316769</b>	The Boeing Company	<b>2017325445</b>	Wavetrain Systems AS
<b>2017317418</b>	Kyushu University, National University Corporation; Sumitomo Metal Mining Co., Ltd.	<b>2017325722</b>	SurModics, Inc.
<b>2017317484</b>	BASF SE	<b>2017325726</b>	Achelios Therapeutics, Inc.
<b>2017317522</b>	Reil, G.	<b>2017325801</b>	Intergraph Corporation
		<b>2017325838</b>	Fiber Mountain, Inc.
		<b>2017325839</b>	The Trustees of the University of Pennsylvania
		<b>2017325856</b>	REG Life Sciences LLC

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2017325886	Alibaba Group Holding Limited	2017330158	Equinor Energy AS
2017325986	Dyax Corp.	2017330159	Aqua Robotics AS
2017325988	Truston Technologies, Inc.	2017330162	National Oilwell Varco Norway AS
2017326016	Racepoint Energy, LLC	2017330174	Bial - Portela & C <sup>a</sup> , S.A.
2017326137	Siemens Aktiengesellschaft	2017330175	Bial - Portela & C <sup>a</sup> , S.A.
2017326171	The Regents of the University of Michigan	2017330331	The Lubrizol Corporation
2017326175	The Regents of the University of Michigan	2017330452	Visa International Service Association
2017326230	Fritz Ruck Ophthalmologische Systeme GmbH	2017330513	Molecular Imprints, Inc.
2017326244	CDA Research Group, Inc.	2017331066	Satori Worldwide, LLC
2017326249	L-3 Communications Corporation	2017331256	Aptevo Research and Development LLC; Hernandez-Hoyos, G.; Sewell, E.T.; McMahan, C.J.; Bienvenue, D.; Blankenship, J.W.; Mitchell, D.; Pavlik, P.
2017326261	InteKrin Therapeutics, Inc.	2017331258	TNBI, Inc.
2017326299	BASF Agro B.V.	2017331329	Molecular Partners AG
2017326323	Bruckbauer, W.	2017331372	Verifi LLC
2017326349	Gates Corporation	2017331441	Esanex, Inc.
2017326353	Carbon Black, Inc.	2017331481	Ziz Dental Care S.L.
2017326354	Acument Intellectual Properties, LLC	2017331495	Subsea 7 Limited
2017326372	Janssen Biopharma, Inc.	2017331537	Holcim Technology Ltd
2017326464	Skinner, H.B.	2017331573	Fin-Ceramica Faenza S.p.A
2017326471	Smake GmbH	2017331591	Encore Vision, Inc.
2017326569	Abivax	2017331760	Nippon Steel & Sumikin Coated Sheet Corporation
2017326616	Pebble Labs	2017331809	Kordtech Pty Ltd
2017326739	Norton, G.	2017332030	Magic Leap, Inc.
2017326744	8I Research Development Pty Ltd	2017332137	New Pig Corporation
2017326745	Royal Melbourne Institute of Technology	2017332148	Purple Innovation, LLC
2017326752	Terex Australia Pty Ltd	2017332161	The United States Of America, as represented by The Secretary, Department of Health and Human Services; The United States Government as represented by the Department of Veterans Affairs
2017326906	Parcor Technology Limited	2017332343	Sealed Air Corporation (US)
2017326951	Valvoline Licensing and Intellectual Property LLC	2017332548	Hussmann Corporation
2017327009	Vaxess Technologies, Inc.	2017332771	AbbVie Inc.
2017327309	Sumitomo Chemical Company, Limited	2017332807	Verily Life Sciences LLC
2017327416	Inventio AG	2017332851	Louder-Lite Limited
2017327417	Inventio AG	2017332937	Kaken Pharmaceutical Co., Ltd.
2017327418	Inventio AG	2017333367	Fresenius Kabi Deutschland GmbH
2017327508	Inventio AG	2017333398	International Business Machines Corporation
2017327663	Université Catholique de Louvain	2017333420	Novaliq GmbH
2017327739	Kilowatt Labs, Inc.	2017333432	Fitt S.p.A.
2017327824	Talend, Inc.	2017333442	Aebi Ltd.
2017327825	Scientia Vascular, LLC	2017333603	R.M Creighton Dental Pty Ltd.
2017327828	Shanghai Henlius Biotech, Inc.	2017333768	International Business Machines Corporation
2017327841	Zume, Inc.	2017333769	International Business Machines Corporation
2017327889	Unither Pharmaceuticals	2017333837	International Business Machines Corporation
2017327892	BAE Systems plc	2017333958	Nestec S.A.
2017327994	UCL Business PLC	2017334227	De La Rue International Limited
2017328129	Intrexon Actobiotics N.V.	2017334263	Macfarlane Burnet Institute For Medical Research And Public Health Limited
2017328196	VBC Holdings LLC	2017334283	Canntab Therapeutics Limited
2017328283	Equinor Energy AS	2017334293	The Secretary of State for Health; University College Cardiff Consultants Limited
2017328286	Equinor Energy AS	2017334552	Ethicon LLC
2017328477	Somero Enterprises, Inc.	2017334553	Ethicon, Inc.
2017328489	B.G. Negev Technologies and Applications Ltd., at Ben-Gurion University	2017334567	Ethicon, Inc.
2017328499	Altria Client Services LLC	2017334825	Sumitomo Metal Mining Co., Ltd.
2017328632	Leukocare AG	2017335148	Vålinge Innovation AB
2017328754	Yoshino Gypsum Co., Ltd.	2017335205	Janssen Sciences Ireland Unlimited Company
2017328896	Centauri Therapeutics Limited	2017335300	Zogenix International Limited
2017328905	Mexichem Fluor S.A. de C.V.	2017335622	Shell Internationale Research Maatschappij B.V.
2017328907	Mexichem Fluor S.A. de C.V.	2017335659	Entrust, Inc.
2017328909	Mexichem Fluor S.A. de C.V.	2017335675	Novelis Inc.
2017328910	Mexichem Fluor S.A. de C.V.	2017335677	Novelis Inc.
2017328927	Sun Genomics Inc.	2017335710	Tel-Array Diagnostics Inc.
2017328956	Northwestern University	2017335732	Board of Regents, The University of Texas System
2017328995	Ansald STS SpA	2017335758	Novelis Inc.
2017329049	Lupin Limited	2017335762	Bigfoot Biomedical, Inc.
2017329061	8 Rivers Capital, LLC	2017335841	Organovo, Inc.
2017329089	Financial & Risk Organisation Limited	2017335897	General Automation Lab Technologies, Inc.
2017329246	Macquarie University	2017335991	The Regents of The University of California
2017329346	Casale SA	2017336176	Botha, Q.P.
2017329645	Bayer Pharma Aktiengesellschaft; Bayer Healthcare Co. Ltd. China; Aronora Inc.		
2017329739	BASF Agricultural Solutions Seed US LLC		
2017329753	Phost'in		
2017329772	Novaliq GmbH		
2017329904	Casale SA		

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2017336193	International Business Machines Corporation	2017351746	Gillespie, M.F.
2017336196	International Business Machines Corporation	2017351939	Itip Handles Limited
2017336219	DSM IP Assets B.V.	2017351940	Dyson Technology Limited
2017336223	DSM IP Assets B.V.	2017351942	Dyson Technology Limited
2017336232	DSM IP Assets B.V.	2017352429	Purple Innovation, LLC
2017336307	Fronius International GmbH	2017353266	NV Michel Van De Wiele
2017336644	Netflix, Inc.	2017354122	Restorative Therapies
2017336799	Janssen Biotech, Inc.	2017354936	Blanchard, M.; Chong, L.; Smedley, R.; Wright, R.
2017337053	Biotie Therapies, Inc.	2017355101	Microbase Technology Corp.
2017337127	Visa International Service Association	2017355566	The Regents of the University of California; The United States Government Represented By The Department Of Veterans Affairs
2017337277	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft	2017355749	Panasonic Intellectual Property Corporation of America
2017337283	Shell Internationale Research Maatschappij B.V.	2017356139	Hologic, Inc.; Chen, B.
2017337308	Weinstein, R.	2017358416	Electrolux Appliances Aktiebolag
2017337522	LG Electronics Inc.	2017360650	Samsung Electronics Co., Ltd.
2017337946	Dong-A ST Co., Ltd.	2017361585	Samsung Electronics Co., Ltd.
2017338269	Janssen Pharmaceutica NV	2017362555	Electrolux Appliances Aktiebolag
2017338353	HuBit Genomix, Inc.; Fuso Pharmaceutical Industries, Ltd.	2017362676	Electrolux Appliances Aktiebolag
2017338714	Syngenta Participations AG	2017363568	Visa International Service Association
2017338936	Eurofilters N.V.	2017365614	Zhang, D.
2017339448	Boston Scientific Scimed, Inc.	2017367615	The Research Foundation for the State University of New York
2017339764	MEDACTA INTERNATIONAL SA	2017367682	Hydrophilic AS
2017339809	Abbott Laboratories	2017369122	Sino Medical Sciences Technology Inc.
2017339826	Novartis AG	2017371116	Assa Abloy Entrance Systems AB
2017339858	Abbott Laboratories	2017379635	Halliburton Energy Services, Inc.
2017339881	PepsiCo, Inc.	2017382217	Research Triangle Institute
2017339894	Boston Scientific Scimed, Inc.	2017382277	A & A International, LLC
2017339905	Hollister Incorporated	2017382293	A & A International, LLC
2017339980	Shockwave Medical, Inc.	2017388570	Halliburton Energy Services, Inc.
2017340378	Crystal Bioscience Inc.	2017394978	Sun Yat-Sen University; The Johns Hopkins University
2017340500	Sage Science, Inc.	2017405993	World Wide Daily Holdings Company Limited
2017340609	Magic Leap, Inc.	2017408956	Panasonic Intellectual Property Corporation of America
2017340701	Toray Industries, Inc.	2017414719	Ruan, S.
2017340978	Shobayashi, Y.	2017426296	Komatsu Ltd.
2017341074	Mead Johnson Nutrition Company	2017426297	Komatsu Ltd.
2017341088	NSC Therapeutics GmbH	2018239380	Uvex Arbeitsschutz GmbH
2017341096	ASIT Biotech S.A.	2018242312	Panasonic Intellectual Property Corporation of America
2017341251	International Business Machines Corporation	2018242449	Panasonic Intellectual Property Corporation of America
2017341689	Linde Aktiengesellschaft	2018243406	Weinstein, R.H.
2017341723	Arvinas, Inc.	2018256597	Guangdong University of Technology
2017341936	Dana-Farber Cancer Institute, Inc.	2018262866	Tianjin Deepfar Ocean Technology Co., Ltd.
2017342205	PI Industries Ltd	2018263142	Chevron U.S.A. Inc.
2017342206	PI Industries Ltd	2018275277	Wuxi Shuangliang Biotechnology Co., Ltd.
2017342240	Novartis AG	2018304597	Buckman Laboratories International, Inc.
2017342590	Kao Corporation	2018324296	Justrite Manufacturing Company, LLC
2017342826	Mars, Incorporated		
2017342917	Westinghouse Air Brake Technologies Corporation		
2017343779	Dana-Farber Cancer Institute, Inc.		
2017343780	Juno Therapeutics, Inc.		
2017344006	GEODynamics, Inc.		
2017344058	Boston Scientific Scimed, Inc.		
2017344103	Resolvex Pharmaceuticals Inc.		
2017344936	The University Court of The University of Edinburgh		
2017345021	Haldor Topsøe A/S		
2017345141	Eli Lilly and Company		
2017345244	Orthofix Inc.		
2017345367	Pfizer Inc.		
2017346401	Princeton Enduring Biotech, Inc.		
2017346799	Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France		
2017346845	Dana-Farber Cancer Institute, Inc.		
2017346933	Newsouth Innovations Pty Limited		
2017348872	Zastrow, F.		
2017349462	Lift BioSciences Ltd		
2017349618	Pyrotek Pty. Limited		
2017349870	Husqvarna AB		
2017349963	Sony Corporation		
2017350165	Assa Abloy Entrance Systems AB		
2017350234	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
2017350238	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
2017350292	Bitdefender IPR Management Ltd		

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2017325129	2016431600	2017332148	2017324111	2017314178	2017321965
		2017352429	2017324194	2017319135	2017322483
	<b><u>A23L 29 /-</u></b>		2017324233	2017319320	2017329983
<b><u>A01C 7 /-</u></b>	2016431600	<b><u>A47J 31 /-</u></b>		2017319513	2017333367
2017325129	2017316203	2017321398	<b><u>A61C 11 /-</u></b>	2017320901	2017333442
	2017339881		2017312214	2017322332	2017341096
<b><u>A01K 61 /-</u></b>		<b><u>A47J 42 /-</u></b>	2017322653	2017322654	2017394978
2017330159	<b><u>A23L 33 /-</u></b>	2017321398	2017324262	2017322654	<b><u>A61K 39 /-</u></b>
	2017322210		2017325272	2017325726	2016421686
<b><u>A01K 63 /-</u></b>	2017333958	<b><u>A47K 1 /-</u></b>	2017312214	2017326171	2016423559
2017336176		2017332137	<b><u>A61C 13 /-</u></b>	2017326175	2016431600
	<b><u>A23L 35 /-</u></b>		2017405993	2017326261	2017313806
<b><u>A01K 67 /-</u></b>	2016431600	<b><u>A47L 9 /-</u></b>		2017326372	2017321625
2017344936		2017337522	<b><u>A61C 17 /-</u></b>	2017326569	2017322397
	<b><u>A24F 47 /-</u></b>		2017331481	2017328905	2017325272
<b><u>A01N 25 /-</u></b>	2017328499	<b><u>A61B 17 /-</u></b>	2017328907	2017328909	2017326569
2017338714		2017317522	2017328909	2017328910	2017327009
	<b><u>A44C 7 /-</u></b>	2017322329	2017328910	2017329049	2017327663
<b><u>A01N 37 /-</u></b>	2017317522	2017324233	2017329049	2017329753	2017327828
2017342205		2017324880	2017329772	2017329772	2017328632
2017342206	<b><u>A46B 11 /-</u></b>	2017326464	2017330174	2017330174	2017328896
	2017351940	2017331573	2017330175	2017330175	2017329645
<b><u>A01N 43 /-</u></b>		2017334552	2017331441	2017331441	2017331256
2017320990	<b><u>A46B 15 /-</u></b>	2017334553	2017331591	2017331591	2017332161
2017322952	2017351940	2017334567	2017332771	2017332771	2017334263
2017327309		2017339448	2017333420	2017333420	2017335991
2017337277	<b><u>A46B 5 /-</u></b>	2017339764	2017334283	2017334283	2017341096
2017342205	2017331481	2017339980	2017335205	2017335205	2017342240
2017342206		2017348872	2017335300	2017335300	2017345141
	<b><u>A46B 7 /-</u></b>	<b><u>A61B 18 /-</u></b>	2017337053	2017337053	<b><u>A61K 45 /-</u></b>
<b><u>A01N 63 /-</u></b>	2017331481	2017309817	2017337946	2017337946	2017322332
2017338714		2017324880	2017338269	2017338269	2017325272
	<b><u>A46B 9 /-</u></b>	2017325877	2017339826	2017339826	2017326569
<b><u>A01P 1 /-</u></b>	2017331481	2017339894	2017341088	2017341088	2017343780
2017320990		2017344058	2017341723	2017341723	2017343780
	<b><u>A46B 7 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017342240	2017342240	2017345367
<b><u>A01P 3 /-</u></b>	2017331481	2017323599	2017343780	2017343780	<b><u>A61K 47 /-</u></b>
2017322952			2017344103	2017344103	2017325839
2017337277	<b><u>A47B 77 /-</u></b>	<b><u>A61B 46 /-</u></b>	2017345141	2017345141	2017327828
2017342205	2017362555	2017323599	2017345367	2017345367	2017328896
2017342206			2017346845	2017346845	2017329983
	<b><u>A47B 97 /-</u></b>	<b><u>A61B 5 /-</u></b>	2017355566	2017355566	2017331591
<b><u>A01P 7 /-</u></b>	2017362555	2016426136	2017382217	2017382217	2017333367
2017327309		2017250686	<b><u>A61K 33 /-</u></b>	<b><u>A61K 33 /-</u></b>	2017333442
<b><u>A21B 1 /-</u></b>	2017322092	2017313453	2017326244	2017326244	2017334283
2017321720		2017327825	<b><u>A61K 35 /-</u></b>	<b><u>A61K 35 /-</u></b>	2017346401
	2017322092	<b><u>A61B 6 /-</u></b>	2017312194	2017312194	<b><u>A61K 48 /-</u></b>
<b><u>A23F 5 /-</u></b>	<b><u>A47C 23 /-</u></b>	2016426136	2017313806	2017313806	2017328632
2017321398	2017322092	2017312214	2017322397	2017322397	2017343780
		2017356139	2017335732	2017335732	<b><u>A61K 49 /-</u></b>
<b><u>A23L 2 /-</u></b>	2017322092	<b><u>A61B 8 /-</u></b>	2017343780	2017343780	2017326745
2017316203	<b><u>A47C 31 /-</u></b>	2016426136	2017349462	2017349462	2017327828
2017339881	2017352429	2017312214	<b><u>A61K 36 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>A61K 51 /-</u></b>
	<b><u>A47F 3 /-</u></b>	2017356139	2017326230	2017326230	2017327828
	2017332548	<b><u>A61B 8 /-</u></b>	<b><u>A61G 7 /-</u></b>	2017351746	<b><u>A61K 6 /-</u></b>
		2016426136	2017311691	2017311691	2017333603
			2017311698	2017313806	
			2017311698		

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2017324360 2017326244 2017414719	2017345244		2017316203	2017321528	2017328754
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	2017344058	2016421686 2016423559 2017311691 2017314178 2017319135 2017319513 2017321625 2017325272 2017326171 2017326175 2017326569 2017331441 2017333442 2017338269 2017343780 2017344103 2017355566 2018275277	2017317418	2017326745	2017322100
<b><u>A61K 9 /-</u></b>	<b><u>A61P 1 /-</u></b>		<b><u>B01D 19 /-</u></b>	<b><u>B05B 1 /-</u></b>	<b><u>B31F 1 /-</u></b>
2017311698 2017319320 2017325726 2017327889 2017328905 2017328907 2017328909 2017328910 2017328956 2017329983 2017331591 2017333367 2017334283 2017394978	2017325272 2017339826		2017341689	2017309405	2018304597
	<b><u>A61P 11 /-</u></b>		<b><u>B01D 39 /-</u></b>	<b><u>B05B 11 /-</u></b>	<b><u>B32B 25 /-</u></b>
	2017328905 2017328907 2017328909 2017328910 2017328956 2017329983 2017331591 2017333367 2017334283 2017394978		2017316769 2017338936	2017355101	2017332137
	<b><u>A61P 17 /-</u></b>		<b><u>B01D 53 /-</u></b>	<b><u>B05B 13 /-</u></b>	<b><u>B32B 27 /-</u></b>
	2017325272		2017329346 2017345021	2017309405	2017332137
<b><u>A61L 2 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01D 69 /-</u></b>	<b><u>B05B 5 /-</u></b>	<b><u>B32B 3 /-</u></b>
2017312194	2017311698 2017325272 2017333367	2017314178 2017319135 2017325272 2017326171 2017336799 2017338269 2017341096	2017312737	2017319627	2017332137
	<b><u>A61P 21 /-</u></b>		<b><u>B01F 13 /-</u></b>	<b><u>B05B 9 /-</u></b>	<b><u>B32B 5 /-</u></b>
	2017325272		2017336176	2017309405	2017332137
<b><u>A61L 27 /-</u></b>	<b><u>A61P 25 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B05D 1 /-</u></b>	<b><u>B32B 7 /-</u></b>
2017322717 2017324192 2017340701	2017322332 2017322653 2017325272 2017330174 2017330175 2017335300 2017336799 2017341088 2017345141	2017325272 2017326261	2017336176	2017309405	2017332137
	<b><u>A61P 27 /-</u></b>		<b><u>B01F 5 /-</u></b>	<b><u>B21C 47 /-</u></b>	<b><u>B33Y 70 /-</u></b>
	2017325272		2017336176	2017335758	2016433050
<b><u>A61M 1 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>A61P 5 /-</u></b>	<b><u>B01F 19 /-</u></b>	<b><u>B22F 1 /-</u></b>	<b><u>B33Y 80 /-</u></b>
2017312194 2017312737 2017326230	2017322332 2017322653 2017325272 2017330174 2017330175 2017335300 2017336799 2017341088 2017345141	2017325272	2017336176	2017314133	2017322485
	<b><u>A61P 29 /-</u></b>		<b><u>B01J 19 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B41F 17 /-</u></b>
	2017314178 2017319135 2017325272		2017340500	2017334825	2017326471
<b><u>A61M 11 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01J 2 /-</u></b>	<b><u>B23B 45 /-</u></b>	<b><u>B41F 33 /-</u></b>
2017355101	2017325272	2017325272	2017324192	2017311851	2017326471
	<b><u>A61P 27 /-</u></b>		<b><u>B01J 20 /-</u></b>	<b><u>B23K 31 /-</u></b>	<b><u>B41J 2 /-</u></b>
<b><u>A61M 16 /-</u></b>	2017325272 2017329772 2017329983 2017333420 2017342240	<b><u>A61Q 11 /-</u></b>	2017316769 2017328927	2017319596	2016425823
2017322575		2017326244 2017333603	<b><u>B01J 23 /-</u></b>	2017319596	<b><u>B41M 3 /-</u></b>
	<b><u>A61P 27 /-</u></b>		2017322968	<b><u>B23K 9 /-</u></b>	2017334227
<b><u>A61M 25 /-</u></b>	2017314178 2017319135 2017325272	<b><u>A61Q 19 /-</u></b>	<b><u>B01J 35 /-</u></b>	2017319596	<b><u>B42D 15 /-</u></b>
2017325722 2017327825	2017325272 2017329772 2017329983 2017333420 2017342240	2017324360 2017414719	2017322968	<b><u>B26D 1 /-</u></b>	2017318559
	<b><u>A61P 29 /-</u></b>	<b><u>A62C 2 /-</u></b>	<b><u>B01J 37 /-</u></b>	2017328754	<b><u>B42D 25 /-</u></b>
<b><u>A61M 3 /-</u></b>	2017314178 2017319135 2017325272	2018324296	2017322968	<b><u>B26D 3 /-</u></b>	2017334227
2017326744	2017329772 2017344103 2017382217	<b><u>A62C 31 /-</u></b>	<b><u>B01J 8 /-</u></b>	2017327841	<b><u>B60G 9 /-</u></b>
	<b><u>A61P 3 /-</u></b>		2017323489 2017329904	<b><u>B26D 7 /-</u></b>	2017326752
<b><u>A61M 5 /-</u></b>	2017314178 2017319135 2017325272	<b><u>A62C 99 /-</u></b>	<b><u>B01L 1 /-</u></b>	2017327841 2017328754	<b><u>B60K 15 /-</u></b>
2017312652 2017326744 2017335762	2017329772 2017344103 2017382217	2017316624	<b><u>B01L 3 /-</u></b>	2017314222	2017326752
	<b><u>A61P 3 /-</u></b>		2018324296	<b><u>B27B 13 /-</u></b>	<b><u>B60P 1 /-</u></b>
<b><u>A61N 1 /-</u></b>	2017325272 2017382217	<b><u>A63B 37 /-</u></b>	2017335897 2017340500		2017326752
2017250686 2017313453 2017345244 2017354122	2017319513 2017325272 2017326171	2017328283 2017309823			

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2017382277	2017352429	2017322968	2017337053	2017311691 2017332771	2017318610 2017326372
<b><u>B60T 13 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C07C 281 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07K 1 /-</u></b>
2016423070	2017341074	2017322968 2017326745	2017355566	2017313897 2017319135 2017335205 2017337277	2017313042 2017334263 2017341096
<b><u>B60T 17 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C01G 51 /-</u></b>	<b><u>C07C 309 /-</u></b>		
2016423070	2018243406	2017319464	2017342590 2018275277		<b><u>C07K 14 /-</u></b>
<b><u>B61L 15 /-</u></b>	<b><u>B65G 61 /-</u></b>	<b><u>C01G 53 /-</u></b>	<b><u>C07C 317 /-</u></b>	<b><u>C07D 409 /-</u></b>	2017318610 2017321965 2017328129 2017331329 2017334263 2017335991 2017341096 2017343780 2017346933
2017325445 2017342917	2018242312	2017319464	2017337053	2017311691 2017327309	
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2017325445 2017342917	2017311851	2017321528 2017336176	2017325856	2017311691	
<b><u>B61L 5 /-</u></b>		<b><u>C02F 9 /-</u></b>	<b><u>C07C 39 /-</u></b>	<b><u>C07D 471 /-</u></b>	
2017313442	2017327418 2017327508	2017336176	2017334283 2017344103	2017327309 2017341723 2017382217 2018275277	<b><u>C07K 16 /-</u></b>
<b><u>B62B 1 /-</u></b>	<b><u>B66B 19 /-</u></b>	<b><u>C03C 25 /-</u></b>	<b><u>C07C 59 /-</u></b>		2016421686 2016422911 2016423559 2017315075 2017315076 2017321625 2017322483 2017325272 2017327828 2017329645 2017331256 2017332161 2017335991 2017336799 2017341936 2017343779 2017345141
2017351939	2017327416	2017318493	2018275277	<b><u>C07D 473 /-</u></b>	
<b><u>B62B 5 /-</u></b>		<b><u>C04B 14 /-</u></b>	<b><u>C07D 207 /-</u></b>	2017382217	
2017351939	2017327417	2017322100	2017319513	<b><u>C07D 487 /-</u></b>	
<b><u>B62D 11 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C04B 16 /-</u></b>	<b><u>C07D 211 /-</u></b>	2017314178 2017327309 2017330175 2017338269 2017346845	
2017323012 2017426296 2017426297	2017330162	2017322100	2017337946 2017342205 2017342206		
<b><u>B63B 35 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C04B 20 /-</u></b>	<b><u>C07D 223 /-</u></b>	<b><u>C07D 491 /-</u></b>	
2017328283 2017328286	2017326752 2017330162	2017331372	2017346845	2017341723	
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2017330159	2017335710	2017316531 2017322100 2017331372	2017322952	2017326299	2017333442
<b><u>B63B 7 /-</u></b>	<b><u>C01B 21 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 495 /-</u></b>	<b><u>C07K 19 /-</u></b>
2017325988	2017329346	2017314133	2017341723	2017326175	2016421686 2017325839
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2017326137 2018262866	2017329346	2017322100	2017335205	2017326171 2017329049	2017326175
<b><u>B64C 1 /-</u></b>	<b><u>C01F 11 /-</u></b>	<b><u>C07B 35 /-</u></b>	<b><u>C07D 265 /-</u></b>	<b><u>C07D 513 /-</u></b>	<b><u>C07K 7 /-</u></b>
2017327892	2017324192	2017323489	2017342205 2017342206	2017341088 2017345141	2017333442 2017346933
<b><u>B65B 53 /-</u></b>	<b><u>C01G 1 /-</u></b>	<b><u>C07C 1 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C08F 283 /-</u></b>
2017356139	2017326745	2017328489	2017334283	2017338269	2017317484
<b><u>B65D 41 /-</u></b>	<b><u>C01G 23 /-</u></b>	<b><u>C07C 2 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C08G 101 /-</u></b>
2017341074	2017322968	2017328489	2017311691 2017319135 2017332937 2017337946 2017341723 2017382217	2017329753 2017335205	2017323407
<b><u>B65D 47 /-</u></b>	<b><u>C01G 31 /-</u></b>	<b><u>C07C 251 /-</u></b>		<b><u>C07H 15 /-</u></b>	<b><u>C08G 18 /-</u></b>
2017341074	2017322968	2017355566		2017325856	2017317484 2017323407
		<b><u>C07C 257 /-</u></b>			
		2017342205 2017342206			

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<b><u>C08J 3 /-</u></b>	<b><u>C10B 57 /-</u></b>	2017326616 2017328632 2017328927 2017329739 2017333442 2017338714 2017340378 2017346933	<b><u>C40B 60 /-</u></b>	<b><u>E01C 23 /-</u></b>	<b><u>E06B 9 /-</u></b>
2017324192	2017320468 2017320469		2017335710 2017335897	2017328477	2017326739 2017332851
<b><u>C08J 9 /-</u></b>	<b><u>C10G 50 /-</u></b>		<b><u>D03D 1 /-</u></b>	<b><u>E01C 7 /-</u></b>	<b><u>E21B 17 /-</u></b>
2017322100	2017328489		2017340701	2017316531	2016429770 2016433792
<b><u>C08K 5 /-</u></b>	<b><u>C10J 3 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>D03D 11 /-</u></b>	<b><u>E01F 8 /-</u></b>	
2017323407	2017320468 2017320469 2017329061	2016423559 2017325272 2017335841 2017340378 2017343780 2017349462	2017340701	2017349618	<b><u>E21B 29 /-</u></b>
<b><u>C08L 67 /-</u></b>	<b><u>C10K 1 /-</u></b>		<b><u>D03D 3 /-</u></b>	<b><u>E02B 17 /-</u></b>	2016430875 2017337283
2017324192	2017329061		2017340701	2017328283 2017328286	<b><u>E21B 33 /-</u></b>
<b><u>C09C 1 /-</u></b>	<b><u>C10K 3 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D03J 1 /-</u></b>	<b><u>E02D 27 /-</u></b>	2017330158 2017337283
2017324192	2017329061	2017312951 2017328632	2017322068	2017331537	
<b><u>C09D 133 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D04B 35 /-</u></b>	<b><u>E03F 1 /-</u></b>	<b><u>E21B 34 /-</u></b>
2017336219 2017336223	2017330331	2017322483 2017329739 2017346933	2017322068	2017332137	2016429770
<b><u>C09D 163 /-</u></b>	<b><u>C10L 10 /-</u></b>		<b><u>D04H 1 /-</u></b>	<b><u>E03F 5 /-</u></b>	<b><u>E21B 35 /-</u></b>
2017336219 2017336223	2017330331		2017318493	2017332137	2017328283
<b><u>C09D 167 /-</u></b>	<b><u>C10L 3 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>D05B 67 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>E21B 41 /-</u></b>
2017336219 2017336223 2017336232	2017345021	2017325272 2017327828	2017322068	2017327416 2017349618	2016427000 2017388570
<b><u>C09D 169 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>D05C 11 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>E21B 43 /-</u></b>
2017336219 2017336223	2017326951	2017322343 2017328956 2017334293 2017335897 2017338353 2017343779 2017343780	2017322068	2017331760	2016429770 2016433050 2017344006 2017388570
<b><u>C09D 175 /-</u></b>	<b><u>C11D 11 /-</u></b>		<b><u>D05C 15 /-</u></b>	<b><u>E04D 3 /-</u></b>	<b><u>E21B 44 /-</u></b>
2017336219 2017336223	2017326951		2017353266	2017313410	2016427000
<b><u>C09D 177 /-</u></b>	<b><u>C11D 17 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>D06M 13 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21B 47 /-</u></b>
2017336219 2017336223	2017324449 2017326951	2017317418 2017319464	2017342590	2017335148	2016427000 2016433067 2017367682 2017379635
<b><u>C09D 5 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C22B 59 /-</u></b>	<b><u>D06P 5 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>E21B 49 /-</u></b>
2017320990	2017324449 2017326951	2017317418	2017322068	2017325988	2017367682
<b><u>C09J 175 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C23C 18 /-</u></b>	<b><u>D07B 1 /-</u></b>	<b><u>E05B 61 /-</u></b>	<b><u>E21B 7 /-</u></b>
2017317484	2017328196 2017345021	2017314133	2017330162	2017325988	2016430875 2016433792
<b><u>C09K 8 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C23C 4 /-</u></b>	<b><u>D21F 11 /-</u></b>	<b><u>E05D 7 /-</u></b>	<b><u>F01K 23 /-</u></b>
2016427257 2016433050 2017335622	2017328196	2017314133	2018304597	2017325988	2017313360
<b><u>C10B 49 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C25D 5 /-</u></b>	<b><u>D21F 5 /-</u></b>	<b><u>E05F 1 /-</u></b>	<b><u>F01K 3 /-</u></b>
2017320468 2017320469	2017328196	2017346799	2018304597	2017371116 2018324296	2017313360
<b><u>C10B 53 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C25D 7 /-</u></b>	<b><u>D21G 9 /-</u></b>	<b><u>E05F 15 /-</u></b>	<b><u>F02K 9 /-</u></b>
2017320468 2017320469	2016421686 2016423559 2017312951 2017320901 2017325272 2017326372	2017346799	2017313442	2017350165 2017371116	2017322485
		<b><u>C40B 30 /-</u></b>	<b><u>E01C 11 /-</u></b>	<b><u>E06B 11 /-</u></b>	
		2017335710	2017316531		
			<b><u>E01C 19 /-</u></b>		
			2017328477		

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<b><u>F03B 13 /-</u></b>	<b><u>F16L 5 /-</u></b>	<b><u>F25D 3 /-</u></b>	<b><u>G01V 3 /-</u></b>	2017336193	<b><u>G10K 9 /-</u></b>
2017309337 2017382293	2017318182	2017322421	2016433067 2017379635	<b><u>G06F 9 /-</u></b>	2017318080 2017318083
<b><u>F03D 1 /-</u></b>	<b><u>F16L 55 /-</u></b>	<b><u>F25J 1 /-</u></b>	<b><u>G02B 1 /-</u></b>	2017319596 2017327824 2017330452 2017333837 2017336196 2017336644	<b><u>G16C 10 /-</u></b>
2016422146 2017309337	2017313928	2016428816	2017332807	<b><u>G02B 27 /-</u></b>	2017335762
<b><u>F03D 13 /-</u></b>	<b><u>F16L 9 /-</u></b>	<b><u>F42B 1 /-</u></b>	<b><u>G02B 27 /-</u></b>	2017332030	<b><u>H01B 11 /-</u></b>
2016422146	2017333432	2017344006	<b><u>G02B 6 /-</u></b>	<b><u>G06K 19 /-</u></b>	2016422889
<b><u>F03D 9 /-</u></b>	<b><u>F16P 3 /-</u></b>	<b><u>F42B 3 /-</u></b>	2017318559	<b><u>G06K 7 /-</u></b>	<b><u>H01B 7 /-</u></b>
2017382293	2017314222	2017344006	2016422889 2017325838 2017332030 2017344058	<b><u>G06K 10 /-</u></b>	2016425306
<b><u>F15B 1 /-</u></b>	2017326137 2017341689	2017354936	<b><u>G02C 5 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2017326906
2017382277	<b><u>F17C 7 /-</u></b>	<b><u>G01B 9 /-</u></b>	2018239380	2017312508 2017320476 2017325801 2017332343	<b><u>H01L 27 /-</u></b>
<b><u>F15B 13 /-</u></b>	2017341689	2017354936	<b><u>G02C 7 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2017367615
2017382293	<b><u>F17C 9 /-</u></b>	<b><u>G01H 11 /-</u></b>	2017332807	2017317592	<b><u>H01L 39 /-</u></b>
<b><u>F16B 21 /-</u></b>	2017341689	2017318080	<b><u>G02F 1 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2017326137
2017327892	<b><u>F21V 21 /-</u></b>	<b><u>G01H 9 /-</u></b>	2017329246	<b><u>G06Q 50 /-</u></b>	<b><u>H01L 41 /-</u></b>
<b><u>F16B 23 /-</u></b>	2017324194	2017354936	<b><u>G03B 21 /-</u></b>	2017312508	2017318083
2017326354	<b><u>F21V 23 /-</u></b>	<b><u>G01L 1 /-</u></b>	2017332030	<b><u>G06T 15 /-</u></b>	<b><u>H01M 10 /-</u></b>
<b><u>F16B 35 /-</u></b>	2017324194	2017330162	<b><u>G03F 1 /-</u></b>	2017325801 2017329089	2017327739
2017326354	<b><u>F21W 131 /-</u></b>	2017313442	2017330513	<b><u>G06T 17 /-</u></b>	<b><u>H01S 3 /-</u></b>
<b><u>F16B 5 /-</u></b>	2017324111 2017324194	<b><u>G01M 17 /-</u></b>	<b><u>G06F 11 /-</u></b>	2017340609	2017329246
2017327892	<b><u>F23G 7 /-</u></b>	2017354936	2017336644	<b><u>G06T 17 /-</u></b>	<b><u>H02G 3 /-</u></b>
<b><u>F16D 61 /-</u></b>	2018256597	<b><u>G01N 27 /-</u></b>	<b><u>G06F 12 /-</u></b>	2017340609 2017361585	2017318182
2017382277	<b><u>F24C 15 /-</u></b>	2017340500	2017337127	<b><u>G08B 13 /-</u></b>	<b><u>H02J 11 /-</u></b>
<b><u>F16H 48 /-</u></b>	2017362555	<b><u>G01N 33 /-</u></b>	<b><u>G06F 15 /-</u></b>	2017325117	2017365614
2017323012	<b><u>F24C 7 /-</u></b>	2016422911 2017312951 2017325986 2017327828 2017327994 2017328956 2017334263 2017335710 2017335841 2017338353 2017339809 2017339858 2017343779 2017343780	2017319596	<b><u>G08B 19 /-</u></b>	<b><u>H02J 3 /-</u></b>
<b><u>F16H 7 /-</u></b>	2017326323 2017362676	2017312508 2017320476	<b><u>G06F 16 /-</u></b>	2017325117	2017326016
2017326349	<b><u>F24D 5 /-</u></b>	<b><u>G06F 21 /-</u></b>	2017312508 2017320476	<b><u>G08C 23 /-</u></b>	<b><u>H02J 4 /-</u></b>
<b><u>F16J 15 /-</u></b>	2017322421	2017326353 2017333398 2017350292 2017363568	<b><u>G06F 21 /-</u></b>	2017358416	2017365614
2017316624	<b><u>F24F 1 /-</u></b>	<b><u>G06F 3 /-</u></b>	2017325886 2017326471 2017331809	<b><u>G08G 1 /-</u></b>	<b><u>H02J 7 /-</u></b>
<b><u>F16L 11 /-</u></b>	2017322421	<b><u>G01T 1 /-</u></b>	<b><u>G09B 19 /-</u></b>	2017408956 2018242449	2017327739
2017333432	<b><u>F25B 1 /-</u></b>	2017367615	<b><u>G09G 3 /-</u></b>	<b><u>H02M 1 /-</u></b>	<b><u>H02J 9 /-</u></b>
<b><u>F16L 15 /-</u></b>	2017350234 2017350238	<b><u>G01V 1 /-</u></b>	2017326249	<b><u>H02M 3 /-</u></b>	2017326016
2017346799	<b><u>F25B 5 /-</u></b>	2018263142	2017325101 2017333768 2017333769		2016420630 2017349870
<b><u>F16L 19 /-</u></b>	2017350238				
2017316624	<b><u>F25D 29 /-</u></b>				
<b><u>F16L 39 /-</u></b>	2017332548				
2017316624					



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2016420630

**H04B 1 /-**

2017342826

**H04B 17 /-**

2017360650

2017361585

**H04B 3 /-**

2017331495

**H04B 7 /-**

2017316680

**H04J 14 /-**

2017325838

**H04L 1 /-**

2016426021

**H04L 12 /-**

2017325838

2017331066

2017331258

2017363568

**H04L 27 /-**

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**H04L 29 /-**

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2017335659

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**H04L 9 /-**

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**H04N 19 /-**

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**H04N 9 /-**

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**H04Q 9 /-**

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2016422505

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**A61K 31/506** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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     **B42D 25/00** ( 2014.01 )  
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A23L 11/00 ( 2016.01 )  
C12N 15/11 ( 2006.01 )  
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A01N 43/40 ( 2006.01 )  
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B27K 3/02 ( 2006.01 )  
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C08H 8/00 ( 2010.01 )  
C08K 5/19 ( 2006.01 )  
C08L 23/08 ( 2006.01 )  
D06M 15/267 ( 2006.01 )  
D21H 17/43 ( 2006.01 )  
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C04B 22/06 ( 2006.01 )  
C04B 24/00 ( 2006.01 )  
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**A23L 27/30** ( 2016.01 )  
**C12N 15/00** ( 2006.01 )  
**C12P 21/00** ( 2006.01 )  
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**(54)** Dismantling joint  
**(51)** Int. Cl.  
**F16L 55/18** ( 2006.01 )  
**F16L 15/02** ( 2006.01 )  
**F16L 21/04** ( 2006.01 )  
**F16L 23/12** ( 2006.01 )  
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**(54)** Sealing device  
**(51)** Int. Cl.  
**F16J 15/34** ( 2006.01 )  
**F16C 17/02** ( 2006.01 )  
**F16C 33/74** ( 2006.01 )  
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**(51)** Int. Cl.  
**C08L 95/00** ( 2006.01 )  
**C04B 24/24** ( 2006.01 )  
**C04B 26/26** ( 2006.01 )  
**C08L 91/00** ( 2006.01 )  
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**(54)** Method and apparatus for learning-enhanced atlas-based auto-segmentation  
**(51)** Int. Cl.  
**G06T 7/00** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
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**(21)** 2016313404 **(22)** 18.08.2016  
**(54)** PD-L1 ("programmed death-ligand 1") antibodies  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2017/034916  
**(31)** 62/209,056 **(32)** 24.08.15 **(33)** US  
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**(71)** Eli Lilly and Company  
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**(54)** Determination of a dose set and delivered in a medication delivery device  
**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )  
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**(31)** 62/313,260 **(32)** 25.03.16 **(33)** US  
**(43)** 28.09.2017

**(44)** 04.04.2019  
**(72)** Byerly, Roy H.  
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**(71)** EMERGE, LLC  
**(11)** AU-B-2017208314  
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**(54)** Removable covering and interactive packaging  
**(51)** Int. Cl.  
**A61F 13/505** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61F 13/84** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
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**(71)** EnGeneC Molecular Delivery Pty Ltd  
**(11)** AU-B-2017239542  
**(21)** 2017239542 **(22)** 05.10.2017  
**(54)** Bacterially derived, intact minicells for delivery of therapeutic agents to brain tumors  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 26.10.2017  
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**(51)** Int. Cl.  
**B63J 99/00** ( 2009.01 )  
**G06F 9/54** ( 2006.01 )  
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**(31)** 62/209,407 **(32)** 25.08.15 **(33)** US  
 15/246,280 24.08.16 US  
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**(21)** 2016374638 **(22)** 29.04.2016  
**(54)** Belted absorbent article with distinguishable belt ends  
**(51)** Int. Cl.  
**A61F 13/64** ( 2006.01 )  
**A61F 13/49** ( 2006.01 )  
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**(87)** WO2017/111679

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**F16J 15/02** ( 2006.01 )  
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**G06T 7/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**C07D 213/68** ( 2006.01 )  
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**(51)** Int. Cl.  
**B25J 11/00** ( 2006.01 )  
**B25J 15/10** ( 2006.01 )  
**E21D 11/40** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02M 3/155** ( 2006.01 )  
**H02P 25/02** ( 2016.01 )  
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**(54)** INVERTER APPARATUS, AIR CONDITIONER, METHOD OF CONTROLLING INVERTER APPARATUS, AND PROGRAM  
**(51)** Int. Cl.  
**H02P 27/08** ( 2006.01 )

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**A01C 7/06** ( 2006.01 )  
**A01C 5/04** ( 2006.01 )  
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**(54)** Method and apparatus for initial certificate enrollment in a wireless communication system  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**H04W 12/06** ( 2009.01 )  
**G06F 21/32** ( 2013.01 )  
**H04L 9/00** ( 2006.01 )  
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**(11)** AU-B-2017221392  
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**(54)** Flexible mat forming system  
**(51)** Int. Cl.  
**B28B 5/10** ( 2006.01 )  
**B28B 23/00** ( 2006.01 )

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**(54)** Aggregation source routing  
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**G06F 15/16** ( 2006.01 )  
**G06Q 40/02** ( 2012.01 )  
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**(72)** Caldwell, John Ryan  
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**(54)** Antifungal compound process  
**(51)** Int. Cl.  
**C07D 213/26** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 257/04** ( 2006.01 )  
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*A61P 27/02* ( 2006.01 )  
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*B01J 20/28* ( 2006.01 )  
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**H04J 11/00** ( 2006.01 )  
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*B29D 22/00* ( 2006.01 )  
*B32B 3/00* ( 2006.01 )  
*B32B 37/14* ( 2006.01 )  
*B29L 22/00* ( 2006.01 )  
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 (54) System and method for surface cleaning  
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 B08B 3/12 ( 2006.01 )  
 B08B 7/02 ( 2006.01 )  
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 B32B 7/12 ( 2006.01 )  
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 C12N 5/0793 ( 2010.01 )  
 A61K 35/12 ( 2006.01 )  
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<b>2013251649</b>	VCell Therapeutics, Inc.	<b>2014293273</b>	Atrium Medical Corporation
<b>2013257503</b>	Meinan Machinery Works, Inc.	<b>2014293653</b>	Zipline Medical, Inc.
<b>2013276084</b>	Agence Nationale de Securite Sanitaire de L'alimentation, de L'environnement et du Travail	<b>2014295035</b>	Welland Medical Limited
<b>2013280641</b>	Dow AgroSciences LLC	<b>2014296323</b>	Alfred E. Mann Foundation for Scientific Research
<b>2013305488</b>	Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation	<b>2014306592</b>	William Marsh Rice University; Bristol-Myers Squibb Company; The Scripps Research Institute
<b>2013323618</b>	MX Technologies Inc.	<b>2014308625</b>	Melsheimer, K.
<b>2013327476</b>	RxSafe LLC	<b>2014309337</b>	Oracle International Corporation
<b>2013337242</b>	Regeneron Pharmaceuticals Inc; Yale University; Institute for Research in Biomedicine (IRB)	<b>2014311969</b>	Adherium (NZ) Limited
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<b>2013343864</b>	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Universitätsmedizin der Johannes Gutenberg-Universität Mainz; BioNTech AG	<b>2014326421</b>	Sony Corporation
<b>2013351879</b>	Axine Water Technologies Inc.	<b>2014326432</b>	De La Rue International Limited
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<b>2013359617</b>	Ab Initio Technology LLC	<b>2014331896</b>	Optimedica Corporation
<b>2013360490</b>	Samsung Electronics Co., Ltd.	<b>2014336967</b>	Zomojo Pty Ltd
<b>2013399511</b>	Kone Corporation	<b>2014336973</b>	Kaoskey Pty Limited
<b>2013401479</b>	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH	<b>2014337296</b>	The General Hospital Corporation
<b>2013403970</b>	General Mills, Inc.	<b>2014339186</b>	Nestec S.A.
<b>2014200195</b>	SAMSUNG ELECTRONICS CO., LTD.	<b>2014339843</b>	Wayne State University; Qurgen, Inc.
<b>2014201813</b>	Honey Bee Manufacturing Ltd	<b>2014340046</b>	Qualcomm Incorporated
<b>2014203641</b>	BIOSENSE WEBSTER (ISRAEL) LTD.	<b>2014340056</b>	Qualcomm Incorporated
<b>2014207384</b>	Google LLC	<b>2014340223</b>	Rock West Medical Devices, LLC
<b>2014208207</b>	BIOSENSE WEBSTER (ISRAEL) LTD.	<b>2014342020</b>	Seattle Children's Hospital, d/b/a Seattle Children's Research Institute; Fred Hutchinson Cancer Research Center
<b>2014209350</b>	The Regents of the University of Colorado, a body corporate; MUSC Foundation for Research Development; Department of Veterans Affairs	<b>2014343596</b>	Tomra Sorting NV
<b>2014212510</b>	LexisNexis, A Division of Reed Elsevier Inc.	<b>2014345542</b>	Sublimity Therapeutics Limited
<b>2014213511</b>	Covidien LP	<b>2014345926</b>	Fresenius Medical Care Deutschland GmbH
<b>2014221200</b>	Johnson & Johnson Vision Care, Inc.	<b>2014349782</b>	Gnosis SpA
<b>2014221205</b>	JOHNSON & JOHNSON VISION CARE, INC.	<b>2014350067</b>	Purcell, D.; Bradley Lennon, H.
<b>2014221357</b>	Elekta, Inc.	<b>2014351806</b>	RV Lizenz AG
<b>2014228946</b>	Deka Products Limited Partnership	<b>2014353006</b>	SignalChem Life Sciences Corp.
<b>2014229971</b>	Laboratoris Sanifit, S. L.	<b>2014359154</b>	Systemlink Aquaeco Limited
<b>2014230175</b>	Samsung Electronics Co., Ltd.	<b>2014361794</b>	Allergan, Inc.
<b>2014232520</b>	OrPro Therapeutics, Inc.	<b>2014361908</b>	Varian Semiconductor Equipment Associates, Inc.
<b>2014232911</b>	Clarus Therapeutics, Inc.	<b>2014362231</b>	Biogen MA Inc.
<b>2014233277</b>	Tonix Pharmaceuticals, Inc.	<b>2014362316</b>	Cubic Corporation
<b>2014236815</b>	Genentech, Inc.	<b>2014362391</b>	Allergan, Inc.
<b>2014239585</b>	Celtaxsys, Inc.	<b>2014363945</b>	Mahfouz, M.
<b>2014239915</b>	Virent, Inc.	<b>2014364722</b>	Cryovac, Inc.
<b>2014239919</b>	The Regents of the University of California	<b>2014365123</b>	Philip Morris Products S.A.
<b>2014243260</b>	Nestec S.A.	<b>2014366892</b>	Dudurovic, M.; Deans, A.
<b>2014250074</b>	PerkinElmer Informatics, Inc.	<b>2014367229</b>	Backbeat Medical, Inc.
<b>2014250956</b>	Ardelyx, Inc.	<b>2014369169</b>	Bikee Bike S.R.L.
<b>2014251105</b>	Gribovsky, V.	<b>2014372841</b>	Philip Morris Products S.A.
<b>2014253565</b>	Covidien LP	<b>2014373596</b>	Orell Fussli Sicherheitsdruck AG
<b>2014254388</b>	Synedgen Inc.	<b>2014374908</b>	Council of Scientific & Industrial Research
<b>2014255682</b>	Linde Aktiengesellschaft	<b>2014382804</b>	Prysmian S.p.A.
<b>2014256368</b>	Hyster-Yale Group, Inc.	<b>2014394044</b>	MI Robotic Solutions S.A.; Carmona Acosta, C.
<b>2014259264</b>	United Kingdom Research and Innovation	<b>2014409073</b>	BGI Shenzhen Co., Limited
<b>2014264775</b>	Cellavision AB	<b>2015200451</b>	The Boeing Company
<b>2014270595</b>	TYG Oncology Ltd.	<b>2015202088</b>	Ford Global Technologies, LLC
<b>2014277092</b>	Theravectys	<b>2015203732</b>	Shanghai Research Institute of Petrochemical Technology SINOPEC; China Petroleum & Chemical Corporation
<b>2014277727</b>	Nichia Corporation	<b>2015204798</b>	Hollister Incorporated
<b>2014289970</b>	Country Cocky Pty. Ltd.	<b>2015205567</b>	Alpha-O Peptides AG
		<b>2015207333</b>	Franck, J.
		<b>2015207910</b>	MAX CO., LTD.
		<b>2015208420</b>	Orthofix S.r.l.
		<b>2015208668</b>	Gerber, J.
		<b>2015208957</b>	Eiffage Infrastructures
		<b>2015214453</b>	Exos LLC

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2015215105	BASF SE	2015276574	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
2015215190	Primetals Technologies Austria GmbH	2015278900	NuCanra plc
2015216790	Cardiff Scintigraphics Limited	2015282448	Interventek Subsea Engineering Limited
2015216957	RespiVert Limited	2015283861	Selane Products, Inc.
2015217694	Heinz Meise GmbH	2015284279	Dow Global Technologies LLC
2015217956	Uriol Rivera, M.	2015284586	DePuy Synthes Products, Inc.
2015218435	KUHN S.A.	2015286932	Lamello AG
2015219213	Medtronic, Inc.	2015287252	Facebook Technologies, LLC
2015219442	The Boeing Company	2015288213	Caterpillar Global Mining LLC
2015219522	The Boeing Company	2015289095	Industrie De Nora S.p.A.
2015223078	Jointpoint, Inc.	2015289565	M.A. Med Alliance SA
2015223925	Iluka College Co., Ltd.; National University Corporation Tottori University	2015291478	Grunenthal GmbH
2015225621	Helen of Troy Limited	2015308035	Rao, D.R.
2015226002	Fives ECL.	2015311816	The Brigham and Women's Hospital, Inc.; Massachusetts Institute of Technology
2015226289	Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forschung e.V.	2015312160	Cardiovascular Systems, Inc.
2015229085	The General Hospital Corporation	2015315045	Orbit Biomedical Limited
2015229429	IEX Group, Inc.	2015315285	Chang, B.
2015230213	Steps Holding B.V.	2015321409	Commonwealth Scientific and Industrial Research Organisation
2015231169	Melnor, Inc.	2015322352	Handok Kalos Medical Inc.
2015231208	The United States of America, as represented by the Secretary, Department of Health & Human Services; Viamet Pharmaceuticals (NC), Inc.	2015328204	Rohm and Haas Company; Union Carbide Chemicals & Plastics Technology LLC
2015231216	The United States of America, as represented by the Secretary, Department of Health & Human Services; Viamet Pharmaceuticals (NC), Inc.	2015329163	Prime Polymer Co., Ltd.
2015231220	The United States of America, as represented by the Secretary, Department of Health & Human Services; Viamet Pharmaceuticals (NC), Inc.	2015329977	University of Massachusetts; BASF SE
2015231226	Mycovia Pharmaceuticals, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services	2015331688	Eagle Industry Co., Ltd.
2015231234	The United States of America, as represented by the Secretary, Department of Health & Human Services; Mycovia Pharmaceuticals, Inc.	2015333618	Ocean Cleaner, LLC
2015231238	The United States of America, as represented by the Secretary, Department of Health & Human Services; Mycovia Pharmaceuticals, Inc.	2015335028	Arysta LifeScience Benelux SPRL
2015232967	O.M.B. Guitars Ltd.	2015335600	Singh Biotechnology, LLC
2015233030	M.P.M. DI Gobbato Enzo - S.r.l	2015339646	Qualcomm Incorporated
2015234224	Coolsan Hygiene Solutions Pty Ltd	2015344888	Upside Energy Ltd.
2015239537	F. Hoffmann-La Roche Ag; Eidgenoessische Technische Hochschule Zuerich	2015346530	Amazon Technologies, Inc.
2015239702	A O Schallinox GmbH	2015349052	Thyssenkrupp Rasselstein GmbH; thyssenkrupp AG
2015240092	SEW-EURODRIVE GmbH & Co. KG	2015352512	Cryovac, Inc.
2015240432	Abey Australia Pty. Ltd.	2015357119	Inventio AG
2015240552	Boston Scientific Scimed, Inc.	2015360642	1Globe Biomedical Co., Ltd.
2015242154	BiondVax Pharmaceuticals Ltd.	2015360853	Lifetime Industries, Inc.
2015242370	Westlake, P.	2015366567	Oce-Technologies B.V.
2015243021	The Boeing Company	2015367665	Nestec S.A.
2015245446	Nokia Technologies Oy	2015374034	Dow AgroSciences LLC
2015247975	United States Gypsum Company	2015377239	Husqvarna AB
2015248234	Kratos Integral Holdings, LLC	2015385489	Huawei Technologies Co., Ltd.
2015248675	Medithau	2015388056	HCell Inc.
2015248875	InSphero AG	2015394577	Halliburton Energy Services, Inc.
2015249934	SGS North America Inc.	2015397751	Rise Biopharmaceuticals, Inc. (Beijing)
2015250799	USound GmbH	2015397951	Interactive Intelligence Group, Inc.
2015251117	Schnauffer, P.	2015401245	Brother Kogyo Kabushiki Kaisha
2015251489	Perusic, D.	2015409129	Cambridge Sound Management, Inc.
2015252755	Ultra Tips International Limited	2015418271	Honda Motor Co., Ltd.
2015254943	Pfizer Inc.	2016204714	LightLab Imaging, Inc.
2015255665	Westinghouse Air Brake Technologies Corporation	2016204932	Zoll Circulation, Inc.
2015257392	Cafetto Asia Pte. Ltd.	2016206228	Comino, J.
2015258725	Vale S.A.	2016206450	PricewaterhouseCoopers LLP
2015262102	Drikolor Inc	2016206537	Valent BioSciences LLC
2015263114	Huntsman P&A UK Limited	2016207238	Coöperatie AVEBE U.A.
2015263327	Philip Morris Products S.A.	2016208125	Interquim, S.A.
2015264455	Microsoft Technology Licensing, LLC	2016213061	Jinno, M.; Hayashikane Sangyo Co., Ltd.
2015266819	FMC Corporation; FMC Agro Singapore Pte. Ltd.	2016213524	Daikin Industries, Ltd.
2015266837	Access Closure, Inc.	2016218804	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
2015273608	Dermtreat ApS	2016223995	NatureWise Biotech & Medicals Corporation
		2016225722	JFE Steel Corporation
		2016226313	J-Lok Co.
		2016230182	GeneFrontier Corporation; Keio University
		2016232217	GlaxoSmithKline Intellectual Property Development Limited
		2016236578	Crystal Pharmatech Co., Ltd.
		2016241265	Panasonic Intellectual Property Management Co., Ltd.
		2016247198	DePuy Synthes Products, Inc.
		2016256577	BSN Medical GmbH
		2016256673	Pace Holdings Pty Ltd

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2016257459	Johnson Controls Technology Company	2016394592	Mitsubishi Electric Corporation
2016259152	Samsung Electronics Co., Ltd.	2016402257	LG Electronics Inc.
2016259444	Stryker Corporation	2016406294	Motorola Solutions, Inc.
2016260153	Jiangsu Kunhui Biotechnology Co., Ltd.	2016413606	Jiangsu Normal University
2016261474	Tahi Technologies Inc.	2016426355	Synergia Medical
2016263083	Gilead Sciences, Inc.	2016426824	China University of Mining and Technology
2016264023	Glaxo Group Limited	2017200049	Coda Therapeutics (NZ) Ltd
2016266549	GlaxoSmithKline Intellectual Property Development Limited	2017200225	Vid Scale, Inc.
2016266913	Motorola Solutions, Inc.	2017200254	Holley Performance Products Inc.
2016269448	Shenzhen Skyworth Semiconductor Design Center Co. Ltd; Shenzhen Skyworth-RGB Electronic Co., Ltd.	2017200415	Implantica Patent Ltd.
2016270380	W. L. Gore & Associates, Inc.	2017200499	Applied Medical Resources Corporation
2016274510	D B Industries, LLC	2017200598	Sun Patent Trust
2016276488	Jiangsu Simcere Pharmaceutical Co., Ltd	2017200623	Weatherford Technology Holdings, LLC
2016277250	Hitachi Construction Machinery Co., Ltd.	2017200635	Gilead Biologics, Inc
2016277645	Chugai Seiyaku Kabushiki Kaisha	2017200883	COLIBRI HEART VALVE LLC
2016277694	Smith & Nephew, Inc.	2017201407	Shifamed Holdings, LLC
2016280840	Welltec Oilfield Solutions AG	2017201645	RAMOT AT TEL-AVIV UNIVERSITY LTD.; ANIMA CELL METROLOGY, INC.
2016283504	Raytheon Company	2017201787	Ab Initio Technology LLC
2016285314	S & S Innovations, LLC	2017201802	Hunter Douglas Inc.
2016289385	Nautilus Capital Corporation	2017202049	Yoshino Kogyosho Co., Ltd.
2016289602	Outotec (Finland) Oy	2017202166	Sarepta Therapeutics, Inc.
2016290087	3M Innovative Properties Company	2017202533	HallStar Beauty and Personal Care Innovations Company
2016290504	Cnh Industrial Belgium Nv	2017202728	The Rockefeller University
2016290792	3M Innovative Properties Company	2017202885	TriAgenics, Inc.
2016291651	MED-EL Elektromedizinische Geraete GmbH	2017203011	Toyota Jidosha Kabushiki Kaisha
2016292348	ExxonMobil Upstream Research Company	2017203070	Neat Feat Products Limited
2016296889	Butts Properties Ltd.	2017203175	Reid Lifting Limited
2016297560	Cameron Health, Inc.	2017203358	Novartis AG
2016297965	Boston Scientific Neuromodulation Corporation	2017203482	XOMA Technology Ltd.
2016298982	Beijing Etechwin Electric Co., Ltd.	2017204010	Apple Inc.
2016299439	Schenck Process Europe GmbH	2017204033	Liebherr-Mining Equipment Colmar SAS
2016300026	Idin Lab, Inc.	2017204078	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2016308734	3M Innovative Properties Company	2017204140	ALBANY ENGINEERED COMPOSITES, INC.
2016309425	LG Electronics Inc.	2017204483	Otsuka Pharmaceutical Co., Ltd.
2016311392	Ensco Services Limited	2017204857	Lennox Industries Inc.
2016313110	Adamis Pharmaceuticals Corporation	2017204909	The General Hospital Corporation
2016313404	Eli Lilly and Company	2017205241	Telefonaktiebolaget LM Ericsson (publ)
2016315399	Shell Internationale Research Maatschappij B.V.	2017207542	Human In Motion Robotics Inc.
2016321327	Control Concepts, Inc.	2017208222	ProTom International Holding Corp.
2016325715	Expression Pathology, Inc.	2017208244	Allergan Industrie, SAS
2016326523	Reoxcyn LLC	2017208259	Halliburton Energy Services, Inc.
2016327397	The Yokohama Rubber Co., Ltd.	2017208314	EMRGE, LLC
2016332571	Boston Scientific Scimed, Inc.	2017208325	Facebook, Inc.
2016335846	The Brigham and Women's Hospital, Inc.	2017208353	CREO MEDICAL LIMITED
2016336442	Kodiak Networks Inc.	2017209470	Breathe Technologies, Inc.
2016336955	Westinghouse Air Brake Technologies Corporation	2017210512	SPEX Services Limited; Shell Internationale Research Maatschappij B.V.
2016344640	British American Tobacco (Investments) Limited	2017210555	Morris Industries Ltd.
2016346013	Norwegian Technology AS	2017210634	Intel Corporation
2016349508	Colgate-Palmolive Company	2017210644	Io Therapeutics, Inc.; Trustees of Dartmouth College
2016352014	Prodrone Co., Ltd.	2017213523	Steelcase Inc.
2016353693	Telefonaktiebolaget LM Ericsson (publ)	2017213532	Battelle Memorial Institute
2016355476	PPG Industries Ohio, Inc.	2017214202	Herrenknecht AG
2016357554	4D Pharma Research Limited	2017215235	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016357565	MEDACTA INTERNATIONAL SA	2017219098	Kabushiki Kaisha Honda Lock
2016357764	Panasonic Intellectual Property Management Co., Ltd.	2017219164	Spin Master Ltd
2016359822	Omya International AG	2017221392	Motz Enterprises, Inc.
2016364650	Mexichem Fluor S.A. de C.V.	2017221802	Array BioPharma Inc.
2016367903	JFE Steel Corporation	2017222108	Neuronano AB
2016368746	X Development LLC	2017222558	W. L. Gore & Associates, Inc.
2016374638	Essity Hygiene and Health Aktiebolag	2017223512	Guangzhou Xaircraft Technology Co., Ltd
2016378548	Colgate-Palmolive Company	2017225038	Ricoh Company, Limited
2016378564	Shell Internationale Research Maatschappij B.V.	2017225781	Manufacturing Resources International, Inc.
2016379179	ExxonMobil Research and Engineering Company	2017228586	MannKind Corporation
2016379332	ExxonMobil Research and Engineering Company	2017232486	NIKE Innovate C.V.
2016379360	Shell Internationale Research Maatschappij B.V.	2017235978	MERCK PATENT GMBH
2016381993	JXTG Nippon Oil & Energy Corporation	2017235999	H.J. Heinz Company
2016384324	Unilever plc	2017236010	The University Court of the University of Edinburgh
2016385300	Samsung Electronics Co., Ltd.		
2016391621	WENGER MANUFACTURING INC.		
2016393202	Northeast Ohio Medical University		

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2017236648	Hubbell Incorporated	2018247310	Beijing Goldwind Science & Creation Windpower Equip- ment Co., Ltd.
2017237925	Eli Lilly and Company	2018250455	Samsung Electronics Co., Ltd.
2017239542	EnGeneIC Molecular Delivery Pty Ltd	2018253638	Brandt Agricultural Products Ltd.
2017239568	Evogene Ltd.	2018264035	Kolor Magnetic (Shenzhen) Co., Ltd.
2017245302	Novartis AG	2018271266	O'Brien, K.M.
2017245335	Novartis AG	2018282462	Spanton, C.; Posadowski, A.N.
2017246118	Facebook, Inc.	2019200312	BR Invention Holding, LLC
2017246414	Huawei Technologies Co., Ltd.	2019200407	Cixi Langhua Machinery Technology Co., Ltd.
2017248507	Pentair Water Pool And Spa, Inc.	2019200412	Ninghai Zhuhang Industrial Product Design Co., Ltd.
2017248533	Dow AgroSciences LLC	2019200466	Quzhou Yanhang Machinery Technology Co., Ltd.
2017248547	Railblaza Limited		
2017251729	Evogene Ltd.		
2017251780	Nant Holdings IP, LLC		
2017252150	VK Integrated Systems		
2017254920	GIMER MEDICAL CO. LTD.		
2017258860	Depuy Mitek, LLC		
2017261531	Accenture Global Solutions Limited		
2017265135	BEIJING DIDI INFINITY TECHNOLOGY AND DEVEL- OPMENT CO., LTD.		
2017265166	Hivix Co., Ltd.		
2017268502	TARGETGENE BIOTECHNOLOGIES LTD		
2017272172	UNIVERSITY HEALTH NETWORK		
2017272242	SentreHEART, Inc.		
2017272291	Teoh, S.		
2017276169	Fisher & Paykel Healthcare Limited		
2017276256	OZSUT, M.		
2017277555	Topcon Positioning Systems, Inc.		
2017279668	GlaxoSmithKline Intellectual Property Development Limited; Astex Therapeutics Limited		
2017279707	Conventus Orthopaedics, Inc.		
2017283630	Zimmer, Inc.		
2017286828	Galapagos NV		
2017293690	Terumo Kabushiki Kaisha		
2017294652	4D Pharma PLC		
2017296126	4D Pharma PLC		
2017305311	Mad Minute IP HoldCo Inc.		
2017305408	Cooper Technologies Company; Eaton Intelligent Power Limited		
2017307790	Future Labo Co., Ltd.		
2017362169	Zodiac Pool Systems LLC		
2017388710	Kao Corporation		
2017408803	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd.		
2018200199	Wonderhealth LLC.		
2018200927	Limflow GmbH		
2018200987	Google LLC		
2018201181	CareFusion 303, Inc.		
2018201453	JF Hillebrand Limited		
2018201459	Google LLC		
2018201584	Bono, P.		
2018201782	KCI Licensing, Inc.		
2018202002	Ironshore Pharmaceuticals & Development, Inc.		
2018202078	Reckitt Benckiser (Brands) Limited		
2018202084	Reckitt Benckiser (Brands) Limited		
2018202702	Deka Products Limited Partnership		
2018202819	Georg Fischer Central Plastics LLC		
2018203020	ArvinMeritor Technology, LLC		
2018203036	PRESTON, J.		
2018203225	VISA International Service Association		
2018203778	Heraeus Medical GmbH		
2018203826	Depuy Mitek, LLC		
2018204073	Covidien LP		
2018204077	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
2018204176	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
2018204397	DJO, LLC		
2018204437	Arsanis Biosciences GmbH		
2018208655	Panasonic Intellectual Property Management Co., Ltd.		
2018214090	Polaris Industries Inc.		
2018217341	Depuy Synthes Products, LLC		
2018236726	Flack, D.		

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	2017248533	2016308734	2014291889	2014213511	2015231238
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2015218435			2015208420	2016204714	2015254943
	2016206537	2015233030	2015284586	2016270380	2015278900
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2015218435			2016204932	2016291651	2016232217
	2015335028	2016413606	2016247198	2017200883	2016263083
<b><u>A01B 73 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A47C 1 /-</u></b>	2016277694	2017207542	2016266549
2015218435			2016332571	2018200927	2016276488
	2016206537	2017213523	2016357565	2018217341	2016335846
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2017210555			2017201407		2016393202
	2013403970	2017265166	2017258860	2014295035	2017204078
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2015218435			2017279707	2015283861	2017221802
2017210555	2015335028	2018201584	2017283630	2017207542	2017222558
	<b><u>A23C 19 /-</u></b>	<b><u>A47F 3 /-</u></b>	2017293690	2018204397	2017235978
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2015377239	2016207238	2017225781	2018204073		2017268502
2015418271	2017235999	<b><u>A47J 27 /-</u></b>	2018217341	2017200415	2017286828
	<b><u>A23C 9 /-</u></b>		<b><u>A61B 18 /-</u></b>	<b><u>A61F 7 /-</u></b>	2018203778
<b><u>A01D 57 /-</u></b>		2016261474	2014203641		<b><u>A61K 35 /-</u></b>
2014201813	2017235999	<b><u>A47J 31 /-</u></b>	2015322352	2016204932	2015229085
	<b><u>A23F 5 /-</u></b>		2016204932	<b><u>A61F 9 /-</u></b>	2015311816
<b><u>A01F 15 /-</u></b>		2014339186	2017208353		2015388056
2016290504	2015367665	2015257392	<b><u>A61B 34 /-</u></b>	2014331896	2016223995
	<b><u>A23L 11 /-</u></b>	<b><u>A47J 36 /-</u></b>		2015315045	2016357554
<b><u>A01H 1 /-</u></b>			<b><u>A61B 5 /-</u></b>	2017203358	2017294652
2013337832	2013280641	2016261474		<b><u>A61H 33 /-</u></b>	2017296126
	<b><u>A23L 2 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61B 6 /-</u></b>		<b><u>A61K 36 /-</u></b>
<b><u>A01H 5 /-</u></b>				2016256577	2016213061
2013280641	2016208125	2013403970	2014239919	<b><u>A61H 35 /-</u></b>	2016326523
2013305488	<b><u>A23L 27 /-</u></b>	<b><u>A47J 39 /-</u></b>	2014336973		2017203070
2013337832			2014340223	2016256577	<b><u>A61K 38 /-</u></b>
<b><u>A01K 61 /-</u></b>	2014292150	2013403970	2016204714	<b><u>A61J 1 /-</u></b>	2014232520
2015248675	<b><u>A23L 5 /-</u></b>	<b><u>A47K 13 /-</u></b>	2016260153		2014270595
			2016297965	2015315285	2014321161
<b><u>A01K 67 /-</u></b>	2016208125	2016385300	2017207542	<b><u>A61J 7 /-</u></b>	2014339843
2013337242	<b><u>A24F 47 /-</u></b>	<b><u>A47K 3 /-</u></b>	2017222108		2014345542
			2017283630	2018202702	2015217956
<b><u>A01K 97 /-</u></b>	2014365123	2016256577	2019200312	<b><u>A61K 31 /-</u></b>	2015388056
2018282462	2014372841	<b><u>A47K 4 /-</u></b>	<b><u>A61B 6 /-</u></b>		2015397751
	2015263327			2013401479	2017202166
<b><u>A01M 1 /-</u></b>	2016344640	2013242842	2015223078	2014229971	2017202728
2018202078	<b><u>A41G 5 /-</u></b>	<b><u>A47L 9 /-</u></b>	2017208222	2014232911	2017204078
2018202084			<b><u>A61C 19 /-</u></b>	2014239585	2017204909
	2015252755	2018250455		2014250956	2017245302
<b><u>A01N 1 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 1 /-</u></b>	2016349508	2014254388	2017272172
2015229085			<b><u>A61C 3 /-</u></b>	2014306592	<b><u>A61K 39 /-</u></b>
	2018236726	2015240552		2014331794	2014209350
<b><u>A01N 27 /-</u></b>	<b><u>A43B 13 /-</u></b>	<b><u>A61B 10 /-</u></b>	2017202885	2014339843	2014232520
2015335028			<b><u>A61C 5 /-</u></b>	2014349782	2014236815
	2017232486	2014290137		2014353006	2014270595
<b><u>A01N 43 /-</u></b>	<b><u>A44B 11 /-</u></b>	<b><u>A61B 17 /-</u></b>	2016349508	2014361794	2015242154
2015374034			<b><u>A61F 13 /-</u></b>	2014362231	2015335600
	2016274510			2014362391	2016230182
			<b><u>A61F 2 /-</u></b>	2015216957	2016277645
				2015217956	2016313404
				2015231216	2017200635
				2015231220	2017204078
				2015231226	2018204437
				2015231234	

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<b><u>A61K 45 /-</u></b>	<b><u>A61L 31 /-</u></b>	2016297965 2016426355 2017200415 2017222108 2017254920	2017272172	<b><u>A61Q 7 /-</u></b>	2014239915
2014339843 2017245302	2015266837		<b><u>A61P 31 /-</u></b>	2015388056	<b><u>B01J 29 /-</u></b>
<b><u>A61K 47 /-</u></b>	<b><u>A61L 9 /-</u></b>		2014306592 2015231208 2015231216 2015231220 2015231226 2016263083 2016266549 2017202728 2017203070 2018204437	<b><u>A62B 18 /-</u></b>	2016379179 2016379332
2014232911 2015242154 2015273608 2015278900 2016335846 2017204078 2018203778	2018202078 2018202084	<b><u>A61N 5 /-</u></b>		2016290792 2016308734	<b><u>B01J 37 /-</u></b>
	<b><u>A61M 1 /-</u></b>	2016426355 2017208222 2017208353		<b><u>A62B 23 /-</u></b>	2016379179 2016379332
	2015219213 2016259444 2016270380 2018201782 2018202702	<b><u>A61P 1 /-</u></b>		2016308734	<b><u>B01J 6 /-</u></b>
<b><u>A61K 48 /-</u></b>		2014339843 2016266549	<b><u>A61P 35 /-</u></b>	<b><u>A62B 35 /-</u></b>	2016289602
2013251649 2013401479 2014342020 2017204078 2017268502	<b><u>A61M 11 /-</u></b>	<b><u>A61P 11 /-</u></b>	2014236815 2014306592 2014331794 2014339843 2014362231 2015254943 2015278900 2015397751 2016230182 2016232217 2016263083 2016325715 2016357554 2017200635 2017235978 2017239542 2017245302 2017286828	2016274510	<b><u>B01L 3 /-</u></b>
	2014365123 2015226289	2015291478 2016266549 2017286828		<b><u>A62B 7 /-</u></b>	2014318514
	<b><u>A61M 15 /-</u></b>	<b><u>A61P 13 /-</u></b>		2017209470	<b><u>B05B 1 /-</u></b>
<b><u>A61K 49 /-</u></b>	2014311969 2014365123 2015216790 2015226289	2016266549		<b><u>A62C 19 /-</u></b>	2015226289
2017236010		<b><u>A61P 15 /-</u></b>		2015223925	<b><u>B05B 12 /-</u></b>
<b><u>A61K 8 /-</u></b>	<b><u>A61M 16 /-</u></b>	2016213061		<b><u>A62C 3 /-</u></b>	2017223512
2015388056 2016378548 2016384324	2015226289 2017209470 2017276169	<b><u>A61P 17 /-</u></b>		2015223925	<b><u>B05B 7 /-</u></b>
<b><u>A61K 9 /-</u></b>	<b><u>A61M 25 /-</u></b>	2015388056		<b><u>A62C 5 /-</u></b>	2015226289 2016290087
2013401479 2014229971 2014232911 2014233277 2014321161 2014345542 2014349782 2015216790 2015242154 2015273608 2015278900 2016335846 2016364650 2017204483 2017208314 2017239542 2017294652 2017296126 2018202002	2014208207 2014253565 2015204798 2015322352 2016204714 2016204932 2017200883 2017201407	<b><u>A61P 19 /-</u></b>		<b><u>A62D 1 /-</u></b>	<b><u>B05D 5 /-</u></b>
	<b><u>A61M 3 /-</u></b>	2014339843 2017272172 2018203778		2015223925	2016355476
	2018201782	<b><u>A61P 21 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>A63B 57 /-</u></b>	<b><u>B05D 7 /-</u></b>
	<b><u>A61M 39 /-</u></b>	2014233277 2014339843 2016276488	2014209350 2014362231 2015216957 2016213061 2016232217 2016263083 2017210644 2017272172 2017286828	2014251105	2015352512 2016355476
<b><u>A61L 101 /-</u></b>	2014228946 2014345926 2015217694 2015226289 2017200883 2018204397	<b><u>A61P 25 /-</u></b>		<b><u>A63B 69 /-</u></b>	<b><u>B06B 1 /-</u></b>
2018203778		2014339843 2014362231 2016263083 2016266549 2016276488 2017221802 2017286828		2014251105	2016299439
<b><u>A61L 2 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>A61P 41 /-</u></b>	<b><u>A63H 13 /-</u></b>	<b><u>B08B 3 /-</u></b>
2018203778	2014228946 2016297560 2016313110 2017237925	2014209350 2014361794 2016223995	2017204078	2017219164	2015219442 2015219522
<b><u>A61L 27 /-</u></b>	2014228946 2016297560 2016313110 2017237925	<b><u>A61P 29 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01D 3 /-</u></b>	<b><u>B08B 7 /-</u></b>
2017208244 2017222558	2018201181 2018202702	2015216957 2015239537 2016232217 2016266549 2017286828	2015217956 2016213061	2016346013	2015219442 2015219522
<b><u>A61L 29 /-</u></b>	<b><u>A61N 1 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01F 17 /-</u></b>	<b><u>B21F 1 /-</u></b>
2015289565 2017222558	2014296323 2014367229 2016291651 2016297560	2014229971 2014339843	2015217956	2014321161 2014321161	2015207910
			<b><u>A61P 9 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B21F 11 /-</u></b>
			2014339843 2017286828	2015247975	2015207910
			<b><u>A61Q 11 /-</u></b>	<b><u>B01F 5 /-</u></b>	<b><u>B21F 9 /-</u></b>
			2016378548	2015247975	2015207910
			<b><u>A61Q 15 /-</u></b>	<b><u>B01J 19 /-</u></b>	<b><u>B21F 99 /-</u></b>
			2016384324	2017213532	2015207910
				<b><u>B01J 20 /-</u></b>	<b><u>B25B 23 /-</u></b>
				2016289385	2015284586
				<b><u>B01J 23 /-</u></b>	



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<b><u>B25G 3 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B62M 11 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>B66F 9 /-</u></b>
2016413606	2017202049	2014326432 2014373596	2014369169	2017307790	2014256368
<b><u>B25J 11 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B60B 27 /-</u></b>	<b><u>B62M 6 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B82Y 5 /-</u></b>
2014394044	2014364722	2018203020	2014369169	2017202049	2014321161
<b><u>B25J 15 /-</u></b>	<b><u>B29C 70 /-</u></b>	<b><u>B60B 35 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>C02F 1 /-</u></b>
2014394044	2015200451 2017204140	2018203020	2015251117	2016367903	2013351879 2017362169
<b><u>B26B 15 /-</u></b>	<b><u>B29D 22 /-</u></b>	<b><u>B60J 5 /-</u></b>	<b><u>B63B 17 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>C02F 103 /-</u></b>
2015208668	2015200451	2017219098	2017248547	2015225621	2017362169
<b><u>B26D 5 /-</u></b>	<b><u>B29D 99 /-</u></b>	<b><u>B60K 23 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65D 63 /-</u></b>	<b><u>C04B 11 /-</u></b>
2015239702	2017204140	2015251489	2017248547	2017236648	2017276256
<b><u>B26D 7 /-</u></b>	<b><u>B29L 22 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C04B 22 /-</u></b>
2015239702	2015200451	2017213523	2015333618 2018271266	2015329163	2015262102
<b><u>B27D 5 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B63J 99 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C04B 24 /-</u></b>
2013257503	2015200451 2017204140	2018201453	2016311392	2017228586 2017307790	2015208957 2015262102
<b><u>B27K 3 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>B60R 13 /-</u></b>	<b><u>B64B 1 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C04B 26 /-</u></b>
2015284279	2016367903	2015360853	2016368746	2015234224 2015352512	2015208957
<b><u>B27M 1 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60R 21 /-</u></b>	<b><u>B64C 13 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C04B 28 /-</u></b>
2013257503	2015329163	2016277250	2016352014	2017307790	2015262102
<b><u>B28B 23 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B60R 5 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C04B 7 /-</u></b>
2017221392	2015200451	2015202088	2016352014	2015257392	2017276256
<b><u>B28B 5 /-</u></b>	<b><u>B32B 37 /-</u></b>	<b><u>B60R 7 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C07B 61 /-</u></b>
2017221392	2015200451	2015202088	2016352014	2018201453	2017388710
<b><u>B28C 5 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B60R 9 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B65G 17 /-</u></b>	<b><u>C07C 13 /-</u></b>
2015247975	2015243021	2017236648	2015223925 2017223512	2016391621	2017202533
<b><u>B28C 7 /-</u></b>	<b><u>B41F 23 /-</u></b>	<b><u>B60T 7 /-</u></b>	<b><u>B64D 47 /-</u></b>	<b><u>B65G 27 /-</u></b>	<b><u>C07C 201 /-</u></b>
2015247975	2014326432	2015251489	2016352014	2016299439	2015266819
<b><u>B28C 9 /-</u></b>	<b><u>B41F 5 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65B 11 /-</u></b>	<b><u>B65G 33 /-</u></b>	<b><u>C07C 205 /-</u></b>
2015247975	2014326432	2017203011	2014364722	2018253638	2015266819
<b><u>B29B 11 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B61H 13 /-</u></b>	<b><u>B65B 13 /-</u></b>	<b><u>B65G 43 /-</u></b>	<b><u>C07C 213 /-</u></b>
2017204140	2015401245	2016336955	2015207910	2016327397 2017408803	2017388710
<b><u>B29B 7 /-</u></b>	<b><u>B41M 1 /-</u></b>	<b><u>B61H 9 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>B65G 57 /-</u></b>	<b><u>C07C 215 /-</u></b>
2019200412	2014326432	2016336955	2014364722 2015216790	2015226002	2017388710
<b><u>B29C 35 /-</u></b>	<b><u>B41M 3 /-</u></b>	<b><u>B61L 23 /-</u></b>	<b><u>B65B 47 /-</u></b>	<b><u>B66B 1 /-</u></b>	<b><u>C07C 217 /-</u></b>
2014337296	2014326432 2016359822	2016336955	2014364722 2017307790	2013399511 2015357119	2014239585
<b><u>B29C 43 /-</u></b>	<b><u>B41M 7 /-</u></b>	<b><u>B61L 25 /-</u></b>	<b><u>B65B 61 /-</u></b>	<b><u>B66C 19 /-</u></b>	<b><u>C07C 231 /-</u></b>
2017221392	2016359822	2016336955	2017307790	2015308035	
<b><u>B29C 45 /-</u></b>		<b><u>B62D 57 /-</u></b>			
2017202049		2016426824			

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<b>C07C 45 /-</b>	2015231238	2015291478	<b>C08H 8 /-</b>	2015243021	2014342020
2017388710	2015239537	2016236578			2014409073
	2015291478	2016263083		<b>C09J 11 /-</b>	2016230182
<b>C07C 49 /-</b>	2016232217		<b>C08J 5 /-</b>	2015243021	2016277645
2017388710	2016263083	<b>C07D 491 /-</b>			2017200049
	2017221802	2014306592		<b>C09K 11 /-</b>	2017239568
	2017235978	2015239537			2017251729
<b>C07C 67 /-</b>		2015291478		2017202533	2017268502
	<b>C07D 403 /-</b>		<b>C08J 7 /-</b>		
2015203732	2014331794	<b>C07D 495 /-</b>		<b>C10B 57 /-</b>	<b>C12N 5 /-</b>
	2014362231	2014362231	2015352512	2016225722	2013251647
<b>C07C 69 /-</b>	2015231216	2017235978			2013251649
2015203732	2015291478		<b>C08J 9 /-</b>	<b>C10G 2 /-</b>	2014339843
	2016263083	<b>C07D 513 /-</b>	2014337296	2016315399	2015248875
	2017221802		<b>C08K 5 /-</b>		2015311816
<b>C07D 213 /-</b>	2017235978	2014362231		<b>C10G 3 /-</b>	2016230182
2014362391			2015284279	2014239915	2016277645
2015231220	<b>C07D 405 /-</b>	<b>C07H 19 /-</b>			2017201645
2015231226	2014362391	2015278900	<b>C08L 23 /-</b>	2016379179	2017268502
2015231238	2015231208			<b>C10G 45 /-</b>	<b>C12N 9 /-</b>
2015239537	2015231220	<b>C07H 21 /-</b>	2015284279	2016379332	2013337832
2017235978	2015231238	2017251729	<b>C08L 67 /-</b>		
<b>C07D 215 /-</b>	2015239537			<b>C10G 65 /-</b>	<b>C12P 21 /-</b>
	2015291478	<b>C07K 1 /-</b>	2015329977	2016379332	2014292150
2014331794	2016232217				2014342020
	2016263083	<b>C07K 14 /-</b>	<b>C08L 91 /-</b>	2016379332	2016230182
<b>C07D 231 /-</b>	2017221802				2016277645
2014331794		2016264023	2015208957	<b>C10G 67 /-</b>	<b>C12P 23 /-</b>
2017221802	<b>C07D 409 /-</b>			2016218804	2016381993
	2014331794	2013337242	<b>C08L 93 /-</b>		
<b>C07D 235 /-</b>	2014362231	2014321161		<b>C10J 3 /-</b>	<b>C12P 7 /-</b>
2016263083	2015291478	2014342020	2015208957	2014351806	2014374908
	2016263083	2015205567	<b>C08L 95 /-</b>	2015276574	
<b>C07D 237 /-</b>		2015242154			
	<b>C07D 411 /-</b>	2015360642	2015208957	<b>C10L 1 /-</b>	<b>C12Q 1 /-</b>
2014331794	2014362391	2015397751		2016378564	2013276084
		<b>C07K 16 /-</b>	<b>C09B 61 /-</b>	2016379360	2013337353
<b>C07D 239 /-</b>		2014236815			2014409073
2014331794	2014362231	2014342020	2016208125	<b>C11D 3 /-</b>	2016325715
2014353006	2015231208	2015335600	<b>C09B 67 /-</b>	2015328204	<b>C12R 1 /-</b>
2017235978	2015239537	2015360642		2016208125	2016381993
	2015291478	2016230182	<b>C09C 1 /-</b>		
<b>C07D 257 /-</b>	2016232217	2016277645		<b>C12M 1 /-</b>	<b>C13K 1 /-</b>
	2016263083	2016313404	2015262102	2015229085	2014374908
2015231216	2017221802	2017203482	2015263114		
2015231226	2017235978	2017245335	<b>C09C 3 /-</b>	<b>C12M 3 /-</b>	<b>C21B 13 /-</b>
2015231234		2018204437		2015229085	2015215190
	<b>C07D 417 /-</b>		<b>C09D 11 /-</b>		
<b>C07D 295 /-</b>	2014331794	<b>C07K 19 /-</b>	2015366567	<b>C12N 1 /-</b>	<b>C21D 8 /-</b>
	2014362231	2014209350		2016230182	2015349052
2015231208	2015239537	2015360642	<b>C09D 133 /-</b>	2016277645	
2015231216	2015254943			2016357554	<b>C21D 9 /-</b>
	2015291478	<b>C08B 37 /-</b>	2016355476	2016381993	
2017388710	2016266549		<b>C09D 167 /-</b>		2015349052
	2017279668	2014374908		<b>C12N 15 /-</b>	
<b>C07D 333 /-</b>		<b>C08F 210 /-</b>	2015352512	2013280641	<b>C22B 1 /-</b>
	2017221802			2013305488	2015258725
2014361794		2015329163	<b>C09D 175 /-</b>	2013337353	2016289602
	<b>C07D 453 /-</b>	<b>C08F 265 /-</b>		2013337832	
<b>C07D 401 /-</b>	2017221802		2016355476	2013343864	<b>C22B 59 /-</b>
		<b>C08G 63 /-</b>		2014277092	
2014331794	2015291478		<b>C09J 1 /-</b>	2014292150	
2014362231	2016263083	2016355476			2015258725
2015216957	2017286828				
2015231216		2015329977			
2015231226	<b>C07D 487 /-</b>				
2015231234					

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<b>C22C 38 /-</b>	2015288213	<b>E21B 44 /-</b>	2017248547	2017236648	2016289602
2015349052	<b>E03B 7 /-</b>	2015394577	<b>F16B 3 /-</b>	<b>F16L 37 /-</b>	<b>F27D 3 /-</b>
<b>C25B 1 /-</b>	2016206228	2017208259	2017248547	2014345926	2015215190
2013351879	<b>E03B 9 /-</b>	<b>E21B 45 /-</b>	<b>F16C 17 /-</b>	<b>F16L 55 /-</b>	<b>F28C 1 /-</b>
2015289095	2013242842	2017208259	2015331688	2014366892	2017272291
<b>C25B 11 /-</b>	<b>E03C 1 /-</b>	<b>E21B 47 /-</b>	<b>F16C 33 /-</b>	<b>F17C 1 /-</b>	<b>F28D 20 /-</b>
2015289095	2016256673	2017208259	2015331688	2014255682	2014308625
<b>C25C 3 /-</b>	2016300026	<b>E21D 11 /-</b>	<b>F16D 35 /-</b>	<b>F24D 17 /-</b>	2015207333
2015226002	<b>E04F 11 /-</b>	2014394044	2017408803	2014359154	<b>F41A 21 /-</b>
<b>C40B 40 /-</b>	2018203036	<b>E21D 20 /-</b>	<b>F16J 15 /-</b>	<b>F24D 19 /-</b>	2017305311
2014409073	<b>E04F 13 /-</b>	2016226313	2015331688	2014359154	<b>F41C 27 /-</b>
<b>C40B 50 /-</b>	2018201453	<b>E21D 9 /-</b>	2015360853	<b>F24F 1 /-</b>	2017252150
2014409073	<b>E04F 17 /-</b>	2017214202	<b>F16K 1 /-</b>	2016259152	<b>F41G 3 /-</b>
<b>D04B 1 /-</b>	2017272291	<b>F01K 3 /-</b>	2016321327	<b>F24F 11 /-</b>	2017252150
2015230213	<b>E04G 1 /-</b>	2017213532	<b>F16K 15 /-</b>	2017305408	<b>G01B 11 /-</b>
<b>D06F 29 /-</b>	2015242370	<b>F01L 1 /-</b>	2015226289	2018204176	2015287252
2016402257	<b>E04G 5 /-</b>	2018214090	2016321327	<b>F24F 13 /-</b>	<b>G01C 15 /-</b>
<b>D06F 37 /-</b>	2015242370	<b>F02B 61 /-</b>	<b>F16K 17 /-</b>	2016213524	2016352014
2016385300	2018203036	2018214090	2016321327	2016259152	<b>G01C 21 /-</b>
<b>D06F 39 /-</b>	<b>E04H 4 /-</b>	<b>F02D 11 /-</b>	<b>F16K 21 /-</b>	<b>F24F 7 /-</b>	2016368746
2016385300	2017248507	2015251489	2016256673	2017272291	<b>G01D 21 /-</b>
<b>D06F 58 /-</b>	2017362169	<b>F02M 37 /-</b>	<b>F16K 25 /-</b>	<b>F24S 90 /-</b>	2016426824
2016309425	<b>E05B 77 /-</b>	2017200254	2016256673	2014308625	<b>G01F 15 /-</b>
<b>D06M 15 /-</b>	2017219098	<b>F03D 7 /-</b>	<b>F16K 31 /-</b>	<b>F25B 49 /-</b>	2018202819
2015284279	<b>E05B 85 /-</b>	2016298982	2014289970	2017204857	<b>G01N 1 /-</b>
<b>D21H 17 /-</b>	2017219098	2018247310	<b>F16K 5 /-</b>	<b>F25D 23 /-</b>	2015249934
2015284279	<b>E06B 9 /-</b>	<b>F04B 27 /-</b>	2016256673	2016385300	<b>G01N 21 /-</b>
<b>D21H 21 /-</b>	2017201802	2015255665	<b>F16L 15 /-</b>	<b>F25J 1 /-</b>	2014343596
2016359822	<b>E21B 21 /-</b>	<b>F04B 39 /-</b>	2014366892	2016292348	<b>G01N 3 /-</b>
<b>E02B 13 /-</b>	2016346013	2015255665	<b>F16L 21 /-</b>	<b>F25J 3 /-</b>	2016327397
2014289970	<b>E21B 29 /-</b>	<b>F15B 15 /-</b>	2014366892	2016292348	<b>G01N 33 /-</b>
<b>E02B 15 /-</b>	2017210512	2015282448	<b>F16L 23 /-</b>	2016296889	2014243260
2015333618	<b>E21B 33 /-</b>	<b>F15B 21 /-</b>	2014366892	<b>F26B 13 /-</b>	2014318514
<b>E02D 17 /-</b>	2015282448	2017204033	<b>F16L 25 /-</b>	2013257503	2015249934
2019200466	2016280840	<b>F16B 1 /-</b>	2014366892	<b>F26B 15 /-</b>	2015335600
<b>E02F 3 /-</b>	<b>E21B 34 /-</b>	2017248547	<b>F16L 27 /-</b>	2016391621	2016225722
2015288213	2015282448	2017200623	2014366892	<b>F26B 17 /-</b>	2016325715
<b>E02F 9 /-</b>	2017200623	<b>F16B 12 /-</b>	<b>F16L 3 /-</b>	2016391621	2017201645
2016280840	<b>E21B 43 /-</b>	2015286932	2015240432	<b>F27B 15 /-</b>	<b>G01P 15 /-</b>
2017200623	2016280840	<b>F16B 2 /-</b>	2016206228	2015215190	2017362169
	2017200623				<b>G01P 21 /-</b>
					2014363945

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<b>G01R 23 /-</b>	2016285314	2013323618	2014336973	<b>H04B 5 /-</b>	2014350067
2014336973	<b>G06F 11 /-</b>	<b>G06Q 50 /-</b>	<b>H01L 33 /-</b>	2016406294	<b>H04N 5 /-</b>
<b>G01S 17 /-</b>	2013356584	2016206450	2014277727	<b>H04B 7 /-</b>	2017246118
2015287252	<b>G06F 12 /-</b>	2016285314	<b>H01M 10 /-</b>	2015248234	<b>H04R 1 /-</b>
<b>G01S 19 /-</b>	2013356584	2017208325	2015215105	2017200598	2015409129
2017277555	<b>G06F 15 /-</b>	<b>G06T 7 /-</b>	<b>H01M 8 /-</b>	2017246414	2016289385
<b>G01S 5 /-</b>	2013323618	2012375204	2017213532	<b>H04J 11 /-</b>	<b>H04R 15 /-</b>
2017277555	2015229429	2014259264	<b>H01P 1 /-</b>	2017200598	2015250799
<b>G02B 1 /-</b>	2017208325	2016204714	2017208353	2018208655	<b>H04R 19 /-</b>
2014221200	<b>G06F 16 /-</b>	2017246118	<b>H02G 3 /-</b>	<b>H04J 99 /-</b>	2015250799
<b>G02B 27 /-</b>	2014250074	<b>G07B 15 /-</b>	2014382804	2017200598	<b>H04R 25 /-</b>
2015245446	<b>G06F 17 /-</b>	2014362316	<b>H02H 11 /-</b>	<b>H04K 3 /-</b>	2016291651
2015287252	2013359617	<b>G07F 11 /-</b>	2016394592	<b>H04L 1 /-</b>	<b>H04W 12 /-</b>
<b>G02B 6 /-</b>	2014200195	2013327476	<b>H02H 9 /-</b>	2016353693	2016266913
2014382804	2014212510	2017225781	2014361908	<b>H04L 12 /-</b>	<b>H04W 4 /-</b>
2016426355	2014336973	<b>G07F 17 /-</b>	<b>H02J 13 /-</b>	2014336967	2016277250
<b>G02C 7 /-</b>	2016206450	2013327476	2016241265	<b>H04L 25 /-</b>	2016336442
2014221200	2018201459	2017225781	2016357764	2015248234	2017210634
2014221205	<b>G06F 21 /-</b>	<b>G07F 7 /-</b>	<b>H02J 3 /-</b>	2015321409	2017265135
<b>G03B 37 /-</b>	2013360490	2017225781	2014351806	2015339646	2018203225
2015245446	2014207384	<b>G07F 9 /-</b>	2015344888	<b>H04L 27 /-</b>	<b>H04W 40 /-</b>
<b>G03G 15 /-</b>	2014230175	<b>G07F 9 /-</b>	2016241265	2015248234	2016336442
2017225038	2014250074	<b>G07F 9 /-</b>	2016357764	2015321409	<b>H04W 48 /-</b>
<b>G05B 15 /-</b>	2015245446	<b>G09B 23 /-</b>	<b>H02J 7 /-</b>	2015339646	2017205241
2017225038	2017204010	2017200499	2014296323	<b>H04L 29 /-</b>	2017246414
<b>G05B 19 /-</b>	2017208325	2015232967	2017215235	2016266913	<b>H04W 72 /-</b>
2016261474	2017251780	<b>G10H 1 /-</b>	2019200407	2019200312	2016336442
<b>G05B 19 /-</b>	2017362169	2015232967	<b>H02K 7 /-</b>	<b>H04L 9 /-</b>	2016353693
2015394577	<b>G06F 7 /-</b>	<b>G10H 3 /-</b>	2014369169	2016266913	<b>H04W 74 /-</b>
<b>G05D 1 /-</b>	2013327476	<b>G10H 3 /-</b>	<b>H02M 3 /-</b>	2018200199	2017246414
2016352014	<b>G06F 9 /-</b>	2015232967	2016269448	<b>H04M 11 /-</b>	<b>H04W 76 /-</b>
2016368746	2015346530	<b>G10K 11 /-</b>	2018204077	2016241265	2018203225
<b>G05D 23 /-</b>	2016311392	2015409129	<b>H02M 7 /-</b>	<b>H04M 3 /-</b>	<b>H05B 6 /-</b>
2016257459	2017261531	<b>G10L 13 /-</b>	2015240092	2018200987	2016344640
2017305408	<b>G06K 9 /-</b>	<b>G10L 13 /-</b>	<b>H02P 25 /-</b>	<b>H04N 13 /-</b>	<b>H05K 7 /-</b>
<b>G05D 7 /-</b>	2012375204	<b>G10L 19 /-</b>	2018204077	2015245446	2015240092
2015231169	2014221357	<b>G10L 19 /-</b>	<b>H02P 27 /-</b>	<b>H04N 19 /-</b>	2015264455
<b>G05G 1 /-</b>	2014264775	<b>G11B 5 /-</b>	2018204176	2014326421	
2015251489	<b>G06N 3 /-</b>	<b>G11B 5 /-</b>	<b>H02S 40 /-</b>	2014340046	
<b>G05G 23 /-</b>	2015394577	2014309337	2019200407	2014340056	
2015251489	<b>G06N 7 /-</b>	<b>G16C 60 /-</b>	<b>H04B 1 /-</b>	2015245446	
<b>G06F 1 /-</b>	2017201787	<b>G16H 50 /-</b>	2015248234	2017200225	
	<b>G06Q 10 /-</b>				
	2016285314				
	<b>G06Q 40 /-</b>				

**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (11) AU-B-2018101308  
 (21) 2018101308 (22) 06.09.2018  
 (54) SELF-CONTAINED WATER TREATMENT APPARATUS  
 (51) Int. Cl.  
     *B01D 29/01* ( 2006.01 )  
     *B01D 35/28* ( 2006.01 )  
     *B01D 35/30* ( 2006.01 )  
 (45) 04.04.2019  
 (72) HORNSEY, Calvin  
 (74) Churchill Attorneys

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(71) Apple Inc.  
 (11) AU-B-2018101014  
 (21) 2018101014 (22) 23.07.2018  
 (54) User interfaces for transactions  
 (51) Int. Cl.  
     *G06Q 20/30* ( 2012.01 )  
     *G06F 3/048* ( 2006.01 )  
 (45) 04.04.2019  
 (62) 2017101563  
 (72) VAN OS, Marcel; ALABI, Oluwatomiwa B.; ANTON, Peter D.; DICKER, George R.; TICKNER, Simon; GRAINGER, Morgan; SHEARER, Nicholas J.; LYNCH, Kevin; CANTELMO, Leonardo N.  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-B-2018101245  
 (21) 2018101245 (22) 27.08.2018  
 (54) Situationally-aware alerts  
 (51) Int. Cl.  
     *H04M 1/725* ( 2006.01 )  
     *H04M 19/04* ( 2006.01 )  
 (45) 04.04.2019  
 (62) PCT/US2017/020444  
 (72) MILLER, Thayne M.; PHAM, Hung A.; MORRELL, John B.; GLEESON, Brian T.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Roux Investments Pty Ltd  
 (11) AU-B-2017100584  
 (21) 2017100584 (22) 22.05.2017  
 (54) A portable aboveground pool and a method for manufacture thereof  
 (51) Int. Cl.  
     *E04H 4/04* ( 2006.01 )  
 (45) 04.04.2019  
 (62) 2015230716  
 (72) Roux, Jonavan  
 (74) ACN 149 150 309

**Numerical Index**

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2018101014

**G06Q 20 /-**

2018101014

**H04M 1 /-**

2018101245

**H04M 19 /-**

2018101245

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2012308876 **Kraft Foods R & D, Inc.** ( Harrison, P. )
- 2014271423 **The a2 Milk Company Limited** ( Lion-Dairy & Drinks Pty Ltd )

**Opposition Dismissed**

- 2013202351 **ESCO Group LLC** ( CQMS Pty Ltd )

**Patents Granted**

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2010335313	2012222103	2012376012	2013205917
2013206546	2013246617	2013276345	2013279297
2013291047	2013302535	2013304963	2013315552
2013318942	2013331156	2013334635	2013344626
2013350261	2013352156	2013353764	2013354356
2013355363	2013355648	2013370955	2013371462
2013380600	2013393566	2013394431	2013396735
2013396776	2013397276	2013399815	2014200880
2014201272	2014203151	2014203308	2014203318
2014203332	2014206149	2014207549	2014213687
2014217616	2014218938	2014223373	2014223409
2014225889	2014226001	2014228035	2014228172
2014228851	2014230253	2014233191	2014233622
2014233687	2014236424	2014236805	2014237679
2014237819	2014239164	2014240243	2014241259
2014241903	2014243925	2014243951	2014244057
2014244137	2014247122	2014248455	2014248928
2014249008	2014249909	2014250542	2014251039
2014251492	2014252252	2014256425	2014257019
2014259106	2014259598	2014260023	2014262189
2014268297	2014271263	2014272088	2014274784
2014276885	2014280964	2014289153	2014292605
2014298461	2014302122	2014302194	2014302507
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2014308655	2014311219	2014311591	2014314301
2014315070	2014315359	2014316769	2014316789
2014318211	2014318741	2014322988	2014324098
2014324650	2014326649	2014330888	2014331824
2014334554	2014334786	2014336415	2014337298
2014339753	2014340080	2014340115	2014341692
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2014354716	2014356209	2014356273	2014363002
2014363852	2014364693	2014367410	2014368384
2014368994	2014369084	2014369364	2014385769
2014388923	2014390004	2014398811	2014399359
2014401013	2014407671	2014409915	2014411891
2014413658	2015200848	2015201090	2015201184
2015201397	2015201455	2015201833	2015202155
2015202170	2015202309	2015203277	2015206642
2015208422	2015212307	2015212801	2015213795
2015214041	2015215042	2015216438	2015217386
2015217387	2015219337	2015220585	2015229860
2015230105	2015230680	2015230729	2015231396
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2015249886	2015250792	2015253463	2015254616
2015255814	2015255845	2015259731	2015261009
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2015264604	2015264605	2015265782	2015265799
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2015278539	2015278833	2015282304	2015282389

**Patents Granted**

**Standard Patents**

2015283976	2015286295	2015286794	2015287598
2015287965	2015288412	2015289329	2015289756
2015291522	2015292348	2015292856	2015298469
2015305566	2015306495	2015311984	2015312293
2015320574	2015321468	2015323139	2015323230
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2015392099	2015395021	2015399336	2015399431
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2016202715	2016204992	2016205443	2016210768
2016211072	2016213732	2016213764	2016215234
2016215616	2016216286	2016219228	2016219584
2016220308	2016223211	2016223778	2016227750
2016229021	2016229086	2016231621	2016232985
2016234990	2016234996	2016238986	2016244177
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2016250403	2016253541	2016253576	2016253603
2016253668	2016253789	2016254871	2016255372
2016256363	2016256424	2016256711	2016261174
2016262685	2016262726	2016262744	2016262752
2016262783	2016263156	2016263381	2016265948
2016265989	2016266009	2016266018	2016266075
2016266097	2016266963	2016269516	2016269636
2016270874	2016272044	2016273816	2016273860
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2016277562	2016278742	2016278951	2016282010
2016282309	2016283974	2016284236	2016284841
2016284962	2016285390	2016286769	2016294152
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2016297562	2016301082	2016307114	2016312259
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2016320690	2016327484	2016331892	2016336689
2016341870	2016344316	2016344366	2016344433
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2016387301	2016387662	2016395149	2016413311
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2017200945	2017201026	2017201063	2017201144
2017201248	2017201466	2017201485	2017201545
2017201654	2017201673	2017201768	2017201879
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2017202499	2017202744	2017202791	2017202938
2017203029	2017203086	2017203109	2017203305
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2017216499	2017216522	2017216573	2017219065
2017221777	2017232128	2017233674	2017235919
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2017248541	2017251776	2017252590	2017254954
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2017268563	2017268566	2017272278	2017276189
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2018200764	2018200853	2018201479	2018201691
2018201825	2018202045	2018203128	2018203570
2018203740	2018204490	2018208704	2018218188
2018223208	2018236697	2018247327	2018260904



**Patents Granted**

**Innovation Patents**

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 2019100167 2019100189 2019100191 2019100197  
 2019100200 2019100203 2019100207 2019100208  
 2019100209 2019100211 2019100212 2019100214  
 2019100215

**Assignments Registered**

1999059300 Lenew Holdings, Inc. The patent has been assigned to **Shockwave LLC**

2000043790 BOC Group, Inc., The The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2003216072 Whitmire Micro-Gen Research Laboratories, Inc. The patent has been assigned to **BASF Corporation**

2003268111 The BOC Group, Inc. The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2005292281 Linde, Inc. The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2007201920 The BOC Group, Inc The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2007278894 MINTAKA Foundation for Medical Research The patent has been assigned to **ORION Biotechnology Switzerland Sarl**

2007316516 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2007344317 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2008200308 Linde, Inc. The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2008202148 Whitmire Micro-Gen Research Laboratories, Inc. The patent has been assigned to **BASF Corporation**

2008204733 HIGGINS, IAN; Guttering No Brackets Pty Ltd The patent has been assigned to **Gutter Grip Australia Pty Ltd**

2008208628 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2008287045 Linde LLC The patent has been assigned to **LINDE GAS NORTH AMERICA LLC**

2008339554 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2010227375 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2010257422 RPS Industries Pty Ltd The patent has been assigned to **Delnorth Pty. Ltd.**

2011253670 RPS Industries Pty Ltd The patent has been assigned to **Delnorth Pty. Ltd.**

2011256140 RPS Industries Pty Ltd The patent has been assigned to **Delnorth Pty. Ltd.**

2012202638 Refalo, Brendan; Hamilton, Bradley The patent has been assigned to **Refalo, Brendan**

2012202700 Hamilton, Bradley; Refalo, Brendan The patent has been assigned to **Refalo, Brendan**

**Assignments Registered**

2013204297 Higgins, Ian; Guttering No Brackets Pty Ltd The patent has been assigned to **Gutter Grip Australia Pty Ltd**

2013208241 Roper Scientific, Inc. The patent has been assigned to **Teledyne Digital Imaging US, Inc.**

2013274203 Altaviz, LLC The patent has been assigned to **Alcon Pharmaceuticals, Ltd.**

2014317048 Prozymex A/S The patent has been assigned to **Neuprozyme Therapeutics ApS**

2015213318 Higgins, Ian; Guttering No Brackets Pty Ltd The patent has been assigned to **Gutter Grip Australia Pty Ltd**

2015239093 Lafarge The patent has been assigned to **Holcim Technology Ltd**

**Licences Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the licensee)

2015298364 Novartis AG ( Ideaya Biosciences, Inc. )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2010253776 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods BEVESPI AEROSPHERE glycopyrronium

Address for service : Phillips Ormonde Fitzpatrick 333 Collins St Melbourne VIC 3000 AU

2010253950 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods BEVESPI AEROSPHERE glycopyrronium

Address for service : Phillips Ormonde Fitzpatrick 333 Collins St Melbourne VIC 3000 AU

2014202406 **ViiV Healthcare Company**

The earliest first regulatory approval date provided by the patentee 20 Jun 2018

For the goods JULUCA dolutegravir (as sodium)

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015201037 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods BEVESPI AEROSPHERE glycopyrronium

Address for service : Phillips Ormonde Fitzpatrick 333 Collins St Melbourne VIC 3000 AU

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

2005231424 **Relypsa, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2017

For the goods VELTASSA patiomer (assorbitex calcium)

Extension of Term of patent pursuant to Section 77 expires on 30 Mar 2030

2008207703 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 13 Oct 2017

For the goods RANEXA ranolazine

Extension of Term of patent pursuant to Section 77 expires on 09 Sep 2024

2013277429 **Intercept Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Sep 2018

For the goods OCALIVA obeticholic acid

Extension of Term of patent pursuant to Section 77 expires on 21 Sep 2033

**Corrigenda**

In Vol 32 , No 47 , Page(s) 6723 under the heading **Applications Accepted - Name Index** Under the name THE CHEMOURS COMPANY FC, LLC., Application No. 2017201144, under INID (31) 60/926617; under INID (32) 27.04.07; under INID (33) US

In Vol 33 , No 12 , Page(s) 1654 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015312160.

In Vol 33 , No 12 , Page(s) 1654 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018286602

In Vol 33 , No 12 , Page(s) 1655 under the heading **Assignments Before Grant, Section 113 - 2016** Under the name The Trustee of the University of Pennsylvania, Application No. 2016244182, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 33 , No 12 , Page(s) 1656 under the heading **Assignments Before Grant, Section 113 - 2017** Under the name The Trustee of the University of Pennsylvania, Application No. 2017201074, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 33 , No 12 , Page(s) 1656 under the heading **Assignments Before Grant, Section 113 - 2017** Under the name The Trustee of the University of Pennsylvania, Application No. 2017201075, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 33 , No 12 , Page(s) 1657 under the heading **Amendments - Application for Amendments** Under the name Hilti Aktiengesellschaft, Application No. 2002014706 correct the date of the statements filed to read 20 Aug 2018; 14 Nov 2018 and 19 Feb 2019

**Corrigenda**

In Vol 33 , No 12 , Page(s) 1657 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name The Trustee of the University of Pennsylvania, Application No. 2019201194, under INID (71) correct the applicant name to The Trustees of the University of Pennsylvania

In Vol 33 , No 12 , Page(s) 1658 under the heading **Amendments - Application for Amendments** Under the name Crop Microclimate Management Inc., Application No. 2015213334 correct the date of the statements filed to read 21 Jun 2018 and 27 Feb 2019

In Vol 33 , No 12 , Page(s) 1658 under the heading **Amendments - Application for Amendments** Under the name The Procter & Gamble Company, Application No. 2015219149 correct the date of the statements filed to read 21 Jun 2018 and 17 Sep 2018

In Vol 33 , No 12 , Page(s) 1659 under the heading **Amendments - Amendments Made** Under the name Sharp Kabushiki Kaisha, Application 2017287229, under INID (72) correct the inventors to Liu, Liqing; Suzuki, Shoichi; Ouchi, Wataru; Aiba, Tatsushi; Hayashi, Takashi and Yoshimura, Tomoki

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

- 2015202748 **Rohm and Haas Company**
- 2015249020 **Shanghai Worth Garden Products Co., Ltd.**
- 2015265775 **Sea Wind Towers SL; Esteyco S.A.P.**
- 2015321666 **D B INDUSTRIES, LLC**
- 2016216322 **Samsung Electronics Co., Ltd.**
- 2016241094 **National Oilwell Varco Norway AS**
- 2016257458 **Johnson Controls Technology Company**
- 2016285916 **Gilead Sciences, Inc.; Janssen Sciences Ireland UC**
- 2016295325 **Topcon Positioning Systems, Inc.**
- 2016312962 **Hazer Group Ltd**
- 2017204510 **Able High International Ltd**
- 2017258860 **Depuy Mitek, LLC**