



**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**

*Dorel Australia Pty Ltd v HBG IP Holding Pty Ltd 2019 APO 9*

Patent Application: 2012238254

Title: Child restraint for a vehicle

Patent Applicant: HBG IP Holding Pty Ltd

Opponent: Dorel Australia Pty Ltd

Delegate: Dr W.E. Guinea

Decision Date: 22 February 2019

Hearing Date: 11 December 2018, in Canberra

Catchwords: **PATENTS** – s59 – novelty – inventive step – manner of manufacture – no grounds made out – opposition unsuccessful – split award of costs

Representation: Counsel for the applicant: Andrew Fox  
Patent attorney for the applicant: Kerry Chrysiliou of Chrysiliou IP  
Counsel for the opponent: Ian Horak  
Patent attorney for the opponent: Danetta 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 Feb 2019 .

<p><b>Abraham, C. see Abraham, O.</b> (21) 2019900595</p>	<p>WEAR, BEDDING, IMPACT ABSORPTION AND CUSHIONING.</p>	<p>(71) Christopherson, R.; Harris, G. (21) 2019900527 (22) 19.02.2019 (54) A health management system</p>
<p>(71) Abraham, O.; Abraham, C. (21) 2019900595 (22) 25.02.2019 (54) DUAL BED SYSTEM</p>	<p>(71) Aurora Outdoor Investments Pty Ltd (21) 2019900530 (22) 19.02.2019 (54) A COMBINATION STOVE AND SMOKER</p>	<p>(71) Clifton Development and Designs Pty Ltd (21) 2019900591 (22) 25.02.2019 (54) Box Gutter</p>
<p>(71) A GITSHAM &amp; M MCCLURE (21) 2019900539 (22) 20.02.2019 (54) Therma-Link. A system for temporarily or semi-permanent mounting a thermal, night vision or standard video imaging camera to a vehicle or position adjustable remote spotlighting handle, allowing real-time surveillance. Therma-Link provides power to the video imaging camera and relays the visual image provided by the camera to a screen or screens associated with the device. A light source on the Therma-Link, aligned with the video imaging camera, can be toggle on and off remotely. Typically, Therma-Link is used for Security, Hunting, Conservation or surveillance.</p>	<p>(71) Aurora Outdoor Investments Pty Ltd (21) 2019900535 (22) 19.02.2019 (54) A STOVE</p>	<p>(71) Coma, A. (21) 2019900554 (22) 21.02.2019 (54) Pizza Oven Teller Machine</p>
<p>(71) Alcoa of Australia Limited (21) 2019900580 (22) 22.02.2019 (54) FERTILIZER COMPOSITION</p>	<p>(71) Bishop, F. (21) 2019900541 (22) 20.02.2019 (54) A Multiple Usage game base board</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900586 (22) 21.02.2019 (54) Energized Identity Powered Blockchain</p>
<p>(71) Amber Power Pty Ltd (21) 2019900526 (22) 19.02.2019 (54) Turbomachine</p>	<p>(71) Broken Rock Technologies Pty Ltd (21) 2019900566 (22) 22.02.2019 (54) A METHOD AND AN APPARATUS FOR COLLAPSING A HUNG-UP STOPE</p>	<p>(71) Concept Safety Systems (Holdings) Pty Ltd (21) 2019900546 (22) 20.02.2019 (54) Emergency Services Platform and Method</p>
<p>(71) Ashard Technology Group Pty Ltd (21) 2019900525 (22) 19.02.2019 (54) Heating System</p>	<p><b>Cambridge Enterprise Limited see Monash University</b> (21) 2019900578</p>	<p>(71) Cufone, M. (21) 2019900545 (22) 20.02.2019 (54) A rope recovery tool</p>
<p>(71) Attey, G. (21) 2019900576 (22) 22.02.2019 (54) IMPROVEMENTS IN FLEXIBLE COMPOSITE STRUCTURES FOR FOOT-</p>	<p>(71) Chapman, S. (21) 2019900509 (22) 18.02.2019 (54) A ridged plastic air conditioning outdoor unit stand with built in condensate pump to remove condensate water in heating or cooling mode</p>	<p><b>Danze, A. see Danze, M.</b> (21) 2019900594</p> <p>(71) Danze, M.; Danze, A. (21) 2019900594 (22) 25.02.2019 (54) Cooktop System and Method</p>
	<p>(71) Chappell, J. (21) 2019900593 (22) 25.02.2019 (54) DEVICE FOR MANIPULATING BEDDING</p>	
	<p>(71) Chillemi, K. (21) 2019900602 (22) 24.02.2019 (54) Functional Legacy Therapy</p>	<p>(71) Davison, K. (21) 2019900564 (22) 22.02.2019 (54) Solar Pool Heater</p>

Provisional Applications Filed - Name Index cont'd

(71) Dormer, S.  
(21) 2019900537 (22) 19.02.2019  
(54) CORE TRAY AND MARKING METHOD

(71) Ellis, A.  
(21) 2019900538 (22) 20.02.2019  
(54) Intelligent Tow Pin - The invention is a tow pin normally attached to a vehicle for the purpose of coupling to a trailer or caravan. This tow pin differs from the standard or normal type in that it has an integral measuring device to indicate the downwards force onto the tow pin exerted by the equipment being towed. The measuring system is typically embedded within the body of the tow pin but in some cases could be an external attachment.

(71) Ex Nihilo Innovo IP Pty Ltd  
(21) 2019900543 (22) 20.02.2019  
(54) ROLLATOR APPARATUS

(71) Garvan Institute of Medical Research  
(21) 2019900574 (22) 22.02.2019  
(54) Methods of modulating immune response

(71) Gelion Technologies Pty Ltd  
(21) 2019900572 (22) 22.02.2019  
(54) Inert current collector

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900565 (22) 22.02.2019  
(54) POROUS BIOABSORBABLE COMPOSITE SCAFFOLD, BIOABSORBABLE PUMP, TISSUE REPAIR SYSTEM, METHOD OF MANUFACTURING A POROUS BIOABSORBABLE COMPOSITE SCAFFOLD, METHOD OF INCREASING THE DENSITY OF A POROUS BIOABSORBABLE COMPOSITE SCAFFOLD, METHOD OF JOINING TWO POROUS BIOABSORBABLE COMPOSITE SCAFFOLDS, METHOD OF MANUFACTURING A POROUS BIOABSORBABLE COMPOSITE SCAFFOLD HAVING GRADING POROSITY, METHOD OF MANUFACTURING A TISSUE REPAIR SYSTEM

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900567 (22) 22.02.2019  
(54) A BIOCOMPATIBLE PIN, A METHOD OF TREATING JOINT ARTICULAR CARTILAGE DEFECTS IN A BONE AND A METHOD OF ACCESSING A JOINT SURFACE

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900568 (22) 22.02.2019  
(54) A PATIENT-SPECIFIC GLASS-POLYMER FIBRE COMPOSITE TISSUE INTEGRATING DEVICE

(71) Global Surgical Innovations Holdings Pty Ltd  
(21) 2019900569 (22) 22.02.2019  
(54) A HERMETIC RESORBABLE ENVELOPE FOR DELAYED AND LOCALIZED DRUG DELIVERY

(71) Guignard, P.  
(21) 2019900570 (22) 22.02.2019  
(54) AI DECISION SYSTEM

(71) HAPPY HACKERS PTY LTD  
(21) 2019900560 (22) 21.02.2019  
(54) Floor Plan Recognition and Automatic Interior Design Generation

Harris, G. see Christopherson, R.  
(21) 2019900527

(71) Haynes, S.  
(21) 2019900544 (22) 20.02.2019  
(54) Cable Plug Ejection System

(71) Hou, C.  
(21) 2019900584 (22) 24.02.2019  
(54) This invention has a clever but simple way of switching an LED circuit from a high colour temperature to a lower colour temperature output based on the dimmable output. When the controlled LED light input voltage is reduced by some means of dimming, the LED control system senses the voltage and when this is below a pre-set level, the LED output circuit connection changes to a new LED circuit at the controlled LED dimmable level. This circuit continues until the voltage level is increased to a higher value than the pre-set level when the switchable circuit resumes to the original circuit.

(71) Industrial Galvanizers Corporation Pty Ltd  
(21) 2019900581 (22) 22.02.2019  
(54) An Improved Wire Rope Barrier System

(71) ink srl  
(21) 2019900583 (22) 24.02.2019  
(54) WINE FERMENTATION APPARATUS WITH EVAPORATION BASED COOLER ARRANGEMENT

(71) IPCO 1 PTE. LTD  
(21) 2019900604 (22) 26.02.2019  
(54) A wind-powered generator system

(71) Javaheri, H.  
(21) 2019900558 (22) 21.02.2019  
(54) Orthopaedic Brace

(71) KERON, N.; Webster, G.  
(21) 2019900556 (22) 21.02.2019  
(54) DEBRIS REJECTING RAINWATER CONDUIT

(71) Lin, Y.  
(21) 2019900588 (22) 25.02.2019  
(54) Presentation Device

(71) Location Aware Technologies  
(21) 2019900559 (22) 21.02.2019  
(54) SAFETY WEAR

(71) Marathon Robotics Pty Ltd  
(21) 2019900563 (22) 22.02.2019  
(54) SYSTEMS AND METHODS FOR TRAINING PERSONS IN THE AIMING OF FIREARMS AT MOVING TARGETS

(71) martin, c.  
(21) 2019900562 (22) 22.02.2019  
(54) Pottery bat mounting system for unmodified wheel heads.

(71) Martschinke, T.  
(21) 2019900579 (22) 22.02.2019  
(54) A GAME DEVICE

(71) MEKOUAR, A.N.  
(21) 2019900582 (22) 22.02.2019  
(54) Surface water sport apparatus and method

(71) Monash University  
(21) 2019900552 (22) 21.02.2019  
(54) Photo-polymerisable molecules and cross-linked polymers comprising polymerised residues thereof

(71) Monash University; Cambridge Enterprise Limited  
(21) 2019900578 (22) 22.02.2019  
(54) Method for reducing protein aggregation

(71) MOVUS Australia Pty Ltd  
(21) 2019900533 (22) 19.02.2019  
(54) POWER MONITORING

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited  
(21) 2019900587 (22) 21.02.2019  
(54) Nanoparticle and its use as a water-splitting catalyst

(71) O'Halloran, T.  
(21) 2019900600 (22) 26.02.2019  
(54) Sleeping Face Wrap

(71) Otkin, S.  
(21) 2019900542 (22) 20.02.2019  
(54) Game platform

**Pather, S. see YourResearchProject Pty Ltd**  
(21) 2019900529

(71) Peardon, P.  
(21) 2019900603 (22) 26.02.2019  
(54) An apparatus for holding and securing a device

(71) Priestley, M.  
(21) 2019900601 (22) 23.02.2019  
(54) THE TOWEL HAVING A STRATEGICALLY PLACED SLIT TO HOLD A PADDED/ DECORATED CORNER IN PLACE WHEN WRAPPED AROUND A BODY

(71) Russell, J.  
(21) 2019900573 (22) 22.02.2019  
(54) Fibre Bragg Grating MIDI controller for stringed instruments

(71) SafetyLink Pty Ltd  
(21) 2019900534 (22) 19.02.2019  
(54) A MOUNTING DEVICE

(71) Schneider Electric (Australia) Pty Limited  
(21) 2019900532 (22) 19.02.2019  
(54) MODIFICATIONS IN A CONNECTION SYSTEM AND METHOD FOR ELECTRICAL OUTLETS

(71) ShadePower Group Pty Ltd  
(21) 2019900548 (22) 21.02.2019  
(54) ADJUSTABLE SOLAR PANEL MOUNTING SYSTEM

(71) SRG IP Pty Ltd  
(21) 2019900575 (22) 22.02.2019  
(54) Fibre Imbued Post-Tensioned Suspended Concrete

(71) Sweeney Mechanical and Engineering Solutions Pty Ltd  
(21) 2019900547 (22) 20.02.2019  
(54) SYSTEM AND APPARATUS FOR REDUCING AIRBORNE PARTICULATES

(71) Swinburne University of Technology  
(21) 2019900598 (22) 25.02.2019  
(54) Reduced graphene oxide electrodes and supercapacitors

(71) Tarun, A.  
(21) 2019900551 (22) 21.02.2019  
(54) A trailer light tester

(71) Technological Resources Pty. Limited  
(21) 2019900592 (22) 25.02.2019  
(54) A ROTATABLE BUCKET WHEEL ASSEMBLY FOR A BUCKET WHEEL RECLAIMER AND AN ASSOCIATED METHOD FOR REFURBISHING THE BUCKET WHEEL RECLAIMER

(71) Technological Resources Pty. Limited  
(21) 2019900597 (22) 25.02.2019  
(54) A METHOD OF REFURBISHING A BUCKET WHEEL RECLAIMER

**The Children's Hospitals Network (Randwick and Westmead) see The University of Sydney**  
(21) 2019900557

(71) The University of Sydney; The Children's Hospitals Network (Randwick and Westmead)  
(21) 2019900557 (22) 21.02.2019  
(54) Anti-integrin antibodies with IL-2 for the treatment of inflammatory bowel disease

(71) Titeline Services Pty Ltd  
(21) 2019900528 (22) 19.02.2019  
(54) System and Method for Handling Drill Rods

(71) Vater, L.M.  
(21) 2019900540 (22) 20.02.2019  
(54) A CLAMP ARRANGEMENT CLAMPABLE TO AN END OF A POST OR RAIL USED IN A BALUSTRADE AND/OR FENCING STRUCTURE

(71) Vawdrey Australia Pty. Ltd.  
(21) 2019900531 (22) 19.02.2019  
(54) A Cover Support System for Containers and Top-Loadable Vehicles

(71) Voss, V.  
(21) 2019900549 (22) 21.02.2019  
(54) A system for aerial image analysis and automated user interface relative placement of rooftop boundary markers for geometric measurement calculation

(71) Walker, F.  
(21) 2019900577 (22) 22.02.2019  
(54) Internal Combustion Engine

(71) Walpole, P.  
(21) 2019900571 (22) 22.02.2019  
(54) T Ridge Rail Guided High Speed E.V. Air Carriage

**Webster, G. see KERON, N.**  
(21) 2019900556

(71) Whitecoat Operating Pty Limited  
(21) 2019900596 (22) 25.02.2019  
(54) Proximity proofing electronic transactions

(71) Woodstock Management Pty Ltd  
(21) 2019900550 (22) 21.02.2019  
(54) Endoluminal prosthesis

(71) XEFCO PTY LTD  
(21) 2019900536 (22) 19.02.2019  
(54) System for Treatment and/or Coating of Substrates

(71) XEFCO PTY LTD  
(21) 2019900561 (22) 21.02.2019  
(54) Insulated Radiant Barriers in Apparel

(71) XPED Holdings Pty Ltd  
(21) 2019900599 (22) 25.02.2019  
(54) ZERO POWER INDUCTIVE DETECTION NETWORK DEVICE WAKE-UP ARRANGEMENT

(71) YourResearchProject Pty Ltd; Pather, S.  
(21) 2019900529 (22) 19.02.2019  
(54) A RELEASABLE COUPLING ASSEMBLY FOR A PROSTHETIC LIMB

(71) Zero Discharge Pty Ltd  
(21) 2019900553 (22) 21.02.2019  
(54) Method of storing harvested products

(71) Zero Discharge Pty Ltd  
(21) 2019900555 (22) 21.02.2019  
(54) Method of growing harvestable products

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2019900509	Chapman, S.	2019900593	Chappell, J.
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2019900540	Vater, L.M.		
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2019900555	Zero Discharge Pty Ltd		
2019900556	KERON, N.; Webster, G.		
2019900557	The University of Sydney; The Children's Hospitals Network (Randwick and Westmead)		
2019900558	Javaheri, H.		
2019900559	Location Aware Technologies		
2019900560	HAPPY HACKERS PTY LTD		
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2019900584	Hou, C.		
2019900586	Commonwealth Scientific and Industrial Research Organisation		
2019900587	NewSouth Innovations Pty Limited		
2019900588	Lin, Y.		
2019900591	Clifton Development and Designs Pty Ltd		
2019900592	Technological Resources Pty. Limited		

**Complete Applications Filed**

**Name Index**

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

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

<hr/> <p>(71) 22nd Century Limited, LLC (21) 2019201134 (22) 18.02.2019 (54) REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS (62) 2017239579</p> <hr/> <p>(71) AbbVie Stemcentrx LLC (21) 2019201258 (22) 22.02.2019 (54) Novel modulators and methods of use (62) 2017202934</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019201135 (22) 18.02.2019 (54) MANAGING INTERFACES FOR DATA-FLOW GRAPHS COMPOSED OF SUB-GRAPHS (62) 2014360308</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201132 (22) 18.02.2019 (54) ITEM RECOGNITION (62) 2017235911</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201142 (22) 19.02.2019 (54) TESTING AND IMPROVING PERFORMANCE OF MOBILE APPLICATION PORTFOLIOS (62) 2017258970</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201149 (22) 19.02.2019 (54) ITEM TO VECTOR BASED CATEGORIZATION (62) 2017239523</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201186 (22) 20.02.2019 (54) A SYSTEM FOR CONTROLLING ACCESS TO A PLURALITY OF TARGET SYSTEMS AND APPLICATIONS (31) 15/900,475 (32) 20.02.18 (33) US 16/016,154 22.06.18 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201241 (22) 22.02.2019 (54) AUTOMATED STRUCTURING OF UNSTRUCTURED DATA (31) 201811006999 (32) 23.02.18 (33) IN</p> <hr/>	<p>(71) Accenture Global Solutions Limited (21) 2019201244 (22) 22.02.2019 (54) NATURAL LANGUAGE PROCESSING AND ARTIFICIAL INTELLIGENCE BASED SEARCH SYSTEM (31) 201811015862 (32) 26.04.18 (33) IN</p> <hr/> <p>(71) Afiniti International Holdings, Ltd. (21) 2019201218 (22) 21.02.2019 (54) CALL MAPPING SYSTEMS AND METHODS USING BAYESIAN MEAN REGRESSION (BMR) (62) 2016269461</p> <hr/> <p>(71) Agios Pharmaceuticals, Inc. (21) 2019201179 (22) 20.02.2019 (54) THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE (62) 2014289744</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2019201157 (22) 19.02.2019 (54) Automatic vehicle control apparatus able to determine track occupancy of a vehicle, and corresponding method for automatically controlling the vehicle (31) 15/902,672 (32) 22.02.18 (33) US</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2019201238 (22) 22.02.2019 (54) Railway vehicle control method, associated device and system (31) 1851692 (32) 27.02.18 (33) FR</p> <hr/> <p>(71) Altech Chemicals Australia Pty Ltd (21) 2019201248 (22) 22.02.2019 (54) A METHOD FOR THE PREPARATION OF ALUMINA (31) 2018900572 (32) 22.02.18 (33) AU</p> <hr/> <p>(71) American Greetings Corporation (21) 2019201153 (22) 19.02.2019 (54) Pull-apart gift card holder (31) 15/913,461 (32) 06.03.18 (33) US</p> <hr/> <p>(71) Amplero, Inc. (21) 2019201122 (22) 18.02.2019 (54) Automated device-specific dynamic operation modifications (31) 16/136,035 (32) 19.09.18 (33) US</p> <hr/>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2019201119 (22) 18.02.2019 (54) Game management system (31) 2018-027023 (32) 19.02.18 (33) JP</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2019201252 (22) 22.02.2019 (54) CARD READING APPARATUS AND TABLE GAME SYSTEM (62) 2017201491</p> <hr/> <p>(71) Apple Inc. (21) 2019201219 (22) 21.02.2019 (54) Character recognition on a computing device (62) 2017265138</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201140 (22) 19.02.2019 (54) ELECTRONIC GAMING SYSTEM FOR CONDUCTING A WAGERING GAME AND METHOD OF USE (62) 2017232209</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201171 (22) 20.02.2019 (54) GAMING SYSTEM AND A METHOD OF GAMING (62) 2017210507</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201208 (22) 21.02.2019 (54) MULTIPLE SIMULTANEOUS SYMBOLS (62) 2017202592</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201210 (22) 21.02.2019 (54) A METHOD OF GAMING AND A GAMING SYSTEM (62) 2017202371</p> <hr/> <p>(71) Arla Foods Amba (21) 2019201178 (22) 20.02.2019 (54) Lactose-reduced milk products containing galacto-oligosaccharides and monosaccharides and a method of production (62) 2015226138</p> <hr/>
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(71) Astellas Institute for Regenerative Medicine  
(21) 2019201201 (22) 20.02.2019  
(54) Pharmaceutical preparations of human RPE cells and uses thereof  
(62) 2017225146

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(71) Aus-Truss Pty Ltd  
(21) 2019201204 (22) 20.02.2019  
(54) A modular stair

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(71) Becton, Dickinson and Company  
(21) 2019201128 (22) 18.02.2019  
(54) Density phase separation device  
(62) 2017201852

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(71) BicycleRD Limited  
(21) 2019201173 (22) 20.02.2019  
(54) Novel polypeptides  
(62) 2014343503

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(71) Blackstone Medical, Inc.  
(21) 2019201239 (22) 22.02.2019  
(54) OCCIPITO-CERVICAL FIXATION ASSEMBLY AND METHOD FOR CONSTRUCTING SAME  
(62) 2017228540

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(71) Bolton, L.  
(21) 2019201255 (22) 22.02.2019  
(54) COVER FOR A VENT PIPE

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(71) Borecam Asia Pte Ltd  
(21) 2019201163 (22) 19.02.2019  
(54) METHOD OF OBTAINING BOREHOLE AND CORE ORIENTATION MEASUREMENTS IN A SINGLE RUN AND APPARATUS FOR PERFORMING THE METHOD  
(31) 2019900095 (32) 13.01.19 (33) AU  
2018900517 19.02.18 AU

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(71) Boston Scientific Scimed, Inc.  
(21) 2019201115 (22) 18.02.2019  
(54) Surgical implant system and method  
(62) 2014232259

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(71) Branch, D.; Calvert-Branch, M.  
(21) 2019201261 (22) 22.02.2019  
(54) Magnetic attachment system  
(31) 2018900602 (32) 26.02.18 (33) AU

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(71) BSS Technologies, Inc.  
(21) 2019201190 (22) 20.02.2019  
(54) SYSTEM FOR DANGEROUS CURRENT IDENTIFICATION, CHARACTERIZATION, ALERTING AND FOR DISTRESSED SWIMMER LOCATION AND ASSISTANCE  
(31) 16/037,685 (32) 17.07.18 (33) US

(71) Butterfly Network, Inc.  
(21) 2019201147 (22) 19.02.2019  
(54) Ultrasonic imaging compression methods and apparatus  
(62) 2015247501

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Calvert-Branch, M. see Branch, D.  
(21) 2019201261

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(71) Cancer Research Technology, LLC  
(21) 2019201264 (22) 22.02.2019  
(54) Methods and compositions for Gamma-glutamyl cycle modulation  
(62) 2014233168

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(71) Canon Kabushiki Kaisha  
(21) 2019201159 (22) 19.02.2019  
(54) System and method of aligning a point cloud of a scene to world coordinates

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(71) Canon Kabushiki Kaisha  
(21) 2019201192 (22) 20.02.2019  
(54) Method, system and apparatus for capturing an image

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(71) Cantor Index LLC  
(21) 2019201118 (22) 18.02.2019  
(54) SYSTEM AND METHOD FOR CONDUCTING A JACKPOT RACE EVENT  
(62) 2016273964

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(71) Cerend Pty Ltd  
(21) 2019201176 (22) 20.02.2019  
(54) H&B roller removal tool

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(71) CFPH, LLC  
(21) 2019201114 (22) 18.02.2019  
(54) MULTI-LEVEL GAMING COMPETITIONS  
(62) 2017202209

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(71) CFPH, LLC  
(21) 2019201126 (22) 18.02.2019  
(54) COMPUTER BASED GAMING  
(62) 2016265994

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(71) Children's Medical Center Corporation; The General Hospital Corporation  
(21) 2019201235 (22) 22.02.2019  
(54) METHOD TO MODULATE HEMATOPOIETIC STEM CELL GROWTH  
(62) 2017202149

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(71) Cinsay, Inc.  
(21) 2019201260 (22) 22.02.2019  
(54) Peer-assisted shopping  
(62) 2013277992

(71) CNH Industrial America LLC  
(21) 2019201203 (22) 20.02.2019  
(54) Active crop divider for a header  
(31) 15/901,107 (32) 21.02.18 (33) US

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(71) CNH Industrial Canada, Ltd.  
(21) 2019201145 (22) 19.02.2019  
(54) Harvester with feedback assembly and methods of using the same  
(31) 15/898,698 (32) 19.02.18 (33) US

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(71) Coherus Biosciences, Inc.  
(21) 2019201129 (22) 18.02.2019  
(54) Protein production method  
(62) 2014241259

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(71) Colgate-Palmolive Company  
(21) 2019201158 (22) 19.02.2019  
(54) Zinc phosphate complex  
(62) 2014415217

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(71) Colgate-Palmolive Company  
(21) 2019201243 (22) 22.02.2019  
(54) Oral care compositions and methods of using the compositions  
(62) 2017281230

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(71) ConMed Corporation  
(21) 2019201202 (22) 20.02.2019  
(54) Autoclave tolerant battery powered motorized surgical hand piece tool and motor control method  
(62) 2016243992

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(71) Corium International, Inc.  
(21) 2019201233 (22) 22.02.2019  
(54) MICROARRAY FOR DELIVERY OF THERAPEUTIC AGENT AND METHODS OF USE  
(62) 2014233695

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(71) Covidien LP  
(21) 2019201165 (22) 20.02.2019  
(54) Circular stapling device with A-frame splines  
(31) 15/935,260 (32) 26.03.18 (33) US

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(71) Covidien LP  
(21) 2019201167 (22) 20.02.2019  
(54) Ultrasonic surgical instrument with torque assist feature  
(31) 15/903,765 (32) 23.02.18 (33) US

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(71) Covidien LP  
(21) 2019201189 (22) 20.02.2019

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(54) Surgical anvil assemblies for surgical stapling instruments	(71) DaVinci II CSJ, LLC	raaza-benzo[e]azulene and crystalline forms thereof
(31) 62/649,325 (32) 28.03.18 (33) US	(21) 2019201155 (22) 19.02.2019	(62) 2014359409
16/275,603 14.02.19 US	(54) Exercise Bicycle	
62/649,278 28.03.18 US	(31) 16/276,893 (32) 15.02.19 (33) US	
62/649,304 28.03.18 US	62/634,791 23.02.18 US	
62/649,341 28.03.18 US	(71) Deere & Company	(71) Facebook, Inc.
62/649,267 28.03.18 US	(21) 2019201175 (22) 20.02.2019	(21) 2019201195 (22) 20.02.2019
62/649,176 28.03.18 US	(54) Using an accumulator to improve delivery of liquid through a valve on an agricultural machine	(54) Electronic advertising targeting multiple individuals
62/649,241 28.03.18 US	(31) 16/016,083 (32) 22.06.18 (33) US	(62) 2013302434
62/649,227 28.03.18 US	62/648,190 26.03.18 US	
62/649,217 28.03.18 US	(71) DE VILLIERS, M.W.	(71) FEI Company
62/649,200 28.03.18 US	(21) 2019201139 (22) 19.02.2019	(21) 2019201125 (22) 18.02.2019
	(54) SUBSURFACE IRRIGATION SYSTEM	(54) Geometric alignment, sample motion correction, and intensity normalization of computed tomography projections using pi-line optimization
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(21) 2019201193 (22) 20.02.2019	(71) Dropbox, Inc.	
(54) Surgical anvil assemblies for surgical stapling instruments	(21) 2019201200 (22) 20.02.2019	(71) FIORENZATO M.C. SRL
(31) 62/649,176 (32) 28.03.18 (33) US	(54) Personal content item searching system and method	(21) 2019201224 (22) 21.02.2019
62/649,341 28.03.18 US	(62) 2016211368	(54) METHOD FOR THE INSTANTANEOUS SELF-CALIBRATION OF THE DOSE FOR A COFFEE GRINDER-DOSER APPARATUS
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62/649,325 28.03.18 US	(21) 2019201172 (22) 20.02.2019	
62/649,227 28.03.18 US	(54) Injectable controlled release composition comprising high viscosity liquid carrier	(71) Five3 Genomics, LLC
62/649,241 28.03.18 US	(62) 2014249008	(21) 2019201246 (22) 22.02.2019
62/649,200 28.03.18 US	(71) Ecolab USA Inc.	(54) SYSTEMS AND METHODS FOR TUMOR CLONALITY ANALYSIS
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62/649,278 28.03.18 US	(54) Solid rinse aid composition and method of making same	
62/649,267 28.03.18 US	(62) 2017201539	(71) Fluidra S.A.
16/275,541 14.02.19 US	(71) Edge Electronics Limited	(21) 2019201237 (22) 22.02.2019
	(21) 2019201250 (22) 22.02.2019	(54) Updating software packets in water installation controlling apparatus
(71) Covidien LP	(54) Fast response active reactive power (KVAR) compensator	(62) 2014415266
(21) 2019201216 (22) 21.02.2019	(62) 2016206120	
(54) Surgical anvil assemblies for surgical stapling instruments	(71) Electrolux Appliances Aktiebolag	(71) Fluidra S.A.
(31) 62/649,176 (32) 28.03.18 (33) US	(21) 2019201222 (22) 21.02.2019	(21) 2019201240 (22) 22.02.2019
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16/275,514 14.02.19 US	(71) Epiphany Solar Water Systems	
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62/649,241 28.03.18 US	(54) Solar powered water purification system	(21) 2019201185 (22) 20.02.2019
62/649,200 28.03.18 US	(62) 2010295333	(54) METHOD, SYSTEM AND APPARATUS FOR PERISHABLE FOOD PRODUCTS
62/649,278 28.03.18 US	(71) F. Hoffmann-La Roche AG	(31) 2018900530 (32) 20.02.18 (33) AU
62/649,341 28.03.18 US	(21) 2019201183 (22) 20.02.2019	
62/649,267 28.03.18 US	(54) Synthesis of trans-8-chloro-5-methyl-1-[4-(Pyridin-2-yloxy)-cyclohexyl]-5,6-dihydro-4H-2,3,5,10b-tetrahydro-1,4-benzodiazepin-10-one	(71) Fuji Xerox Co., Ltd.
62/649,325 28.03.18 US		(21) 2019201123 (22) 18.02.2019
		(54) Print controller, print control method and print control program
(71) Czerniecki, B.		(62) 2016259398
(21) 2019201194 (22) 20.02.2019		
(54) Identification of immunogenic MHC Class II peptides for immune-based therapy		(71) General Electric Company
(62) 2017201075		(21) 2019201206 (22) 21.02.2019
		(54) FUEL INJECTOR ASSEMBLY FOR GAS TURBINE ENGINE
(71) Daon Holdings Limited		(31) 15/909,211 (32) 01.03.18 (33) US
(21) 2019201152 (22) 19.02.2019		
(54) METHODS AND SYSTEMS FOR DETECTING USER LIVENESS		
(31) 15/919,312 (32) 13.03.18 (33) US		
(71) Darktrace Limited		
(21) 2019201137 (22) 19.02.2019		
(54) A CYBER SECURITY APPLIANCE FOR A CLOUD INFRASTRUCTURE		
(31) 62/632,623 (32) 20.02.18 (33) US		

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(71) Genzyme Corporation  
(21) 2019201259 (22) 22.02.2019  
(54) Sequestrants of advanced glycation end product (AGE) precursors  
(62) 2014235500

(71) GetAlert Ltd.  
(21) 2019201269 (22) 22.02.2019  
(54) Methods circuits devices systems and associated computer executable code for multi factor image feature registration and tracking  
(62) 2016284943

(71) Gilead Sciences, Inc.  
(21) 2019201232 (22) 22.02.2019  
(54) Methods for the preparation of ribosides  
(62) 2015339222

(71) GlaxoSmithKline Biologicals s.a.  
(21) 2019201131 (22) 18.02.2019  
(54) MENINGOCOCCUS VACCINES  
(62) 2015289193

(71) Globaltech Corporation Pty Ltd  
(21) 2019201146 (22) 19.02.2019  
(54) Core orientation system  
(62) 2017204882

(71) HEE Solar, L.L.C.  
(21) 2019201229 (22) 21.02.2019  
(54) PEROVSKITE MATERIAL LAYER PROCESSING  
(62) 2016294314

(71) HFI Innovation Inc.  
(21) 2019201221 (22) 21.02.2019  
(54) Method of sub-prediction unit inter-view motion prediction in 3D video coding  
(62) 2017202368

(71) Honda Motor Co., Ltd.  
(21) 2019201160 (22) 19.02.2019  
(54) To-be-cooled body protection structure of saddle-ridden vehicle  
(31) 2018-030839 (32) 23.02.18 (33) JP

(71) Hydrus Technology Pty. Ltd.  
(21) 2019201161 (22) 19.02.2019  
(54) Improved Process  
(62) PCT/AU2017/050743

(71) IGT  
(21) 2019201120 (22) 18.02.2019  
(54) SYSTEM AND METHOD FOR FACILITATING A VIRTUAL CASINO FLOOR HAVING DIFFERENT PARAMETERS  
(31) 15/921,194 (32) 14.03.18 (33) US

(71) IGT  
(21) 2019201265 (22) 22.02.2019

(54) Device Orientation Based Gaming Experience  
(31) 15/943,943 (32) 03.04.18 (33) US

(71) Illinois Tool Works Inc.  
(21) 2019201225 (22) 21.02.2019  
(54) Improved Concrete Sandwich Panels and Fabrication Method  
(31) 2018900717 (32) 06.03.18 (33) AU

(71) Ingram, T.  
(21) 2019201198 (22) 20.02.2019  
(54) HEAT PUMPS AND FLUID PUMPS THEREFOR

IN HONG, K. see VISION X ASIA CO.,LTD.  
(21) 2019201121

(71) Insitu, Inc.  
(21) 2019201217 (22) 21.02.2019  
(54) Display of terrain along flight paths  
(62) 2014311517

(71) Island Block & Paving Pty Ltd  
(21) 2019201262 (22) 22.02.2019  
(54) Bricks, blocks, and pavers  
(62) 2013206165

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2019201213 (22) 21.02.2019  
(54) Devices having system for reducing the impact of near distance viewing on myopia onset and/or myopia progression  
(31) 15/926,344 (32) 20.03.18 (33) US

(71) Kimberly-Clark Worldwide, Inc.  
(21) 2019201166 (22) 20.02.2019  
(54) Hydroentangled elastic filament-based, stretch-bonded composites and methods of making same  
(62) 2014369013

(71) KONE Corporation  
(21) 2019201151 (22) 19.02.2019  
(54) Electric linear motor  
(31) 18164721.5 (32) 28.03.18 (33) EP  
18168990.2 24.04.18 EP

(71) Landos Biopharma, Inc.  
(21) 2019201231 (22) 21.02.2019  
(54) LANTHIONINE SYNTHETASE C-LIKE 2-BASED THERAPEUTICS  
(62) 2015337091

(71) Liebherr-Mining Equipment Colmar SAS  
(21) 2019201184 (22) 20.02.2019  
(54) Method of operating a drive of a mining machine and mining machine  
(31) 10 2018 103 760.0 (32) 20.02.18 (33) DE

(71) Lockheed Martin Corporation  
(21) 2019201191 (22) 20.02.2019  
(54) Method And System For Remotely Controlling A Vehicle  
(62) 2014208314

(71) Mahfouz, M.  
(21) 2019201256 (22) 22.02.2019  
(54) Bone reconstruction and orthopedic implants  
(62) 2015287598

(71) Maytronics Ltd  
(21) 2019201180 (22) 20.02.2019  
(54) FLOATING SYSTEM AND FLUID ANALYSIS  
(31) 62/633,639 (32) 22.02.18 (33) US

(71) Maytronics Ltd  
(21) 2019201181 (22) 20.02.2019  
(54) POOL CLEANING SYSTEM  
(31) 62/643,764 (32) 16.03.18 (33) US

(71) Melbourne Timber Manufacturing Pty Ltd  
(21) 2019201162 (22) 19.02.2019  
(54) Snap Fitting Building Components  
(62) 2017200347

(71) Mindera Corporation; The Scripps Research Institute  
(21) 2019201136 (22) 19.02.2019  
(54) METHODS AND DEVICES FOR DETECTION AND ACQUISITION OF BIOMARKERS  
(62) 2013358890

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.  
(21) 2019201267 (22) 22.02.2019  
(54) OUTDOOR UNIT AND AIR CONDITIONER  
(31) 2018-031243 (32) 23.02.18 (33) JP

(71) Mogam Institute for Biomedical Research  
(21) 2019201141 (22) 19.02.2019  
(54) Novel antibody binding to TFPI and composition comprising the same  
(62) 2015384281

(71) Monitra Healthcare Private Limited  
(21) 2019201215 (22) 21.02.2019  
(54) Wire-Free Monitoring Device for Acquiring, Processing and Transmitting Physiological Signals  
(62) 2016261383

(71) Mureus Pty Ltd  
(21) 2019201230 (22) 21.02.2019

Complete Applications Filed - Name Index cont'd

(54) Mural  
(31) 2018900554 (32) 21.02.18 (33) AU

(71) Nanofiber Solutions, Inc.  
(21) 2019201236 (22) 22.02.2019  
(54) ELECTROSPUN BIOCOMPATIBLE  
FIBER COMPOSITIONS  
(62) 2015241514

(71) Nell International Marketing Ltd  
(21) 2019201143 (22) 19.02.2019  
(54) CONNECTION APPARATUS  
(31) 740581 (32) 08.03.18 (33) NZ

(71) Northrop Grumman Systems Corpora-  
tion  
(21) 2019201148 (22) 19.02.2019  
(54) Phase hysteretic magnetic Josephson  
junction memory cell  
(62) 2016230007

(71) Novartis AG  
(21) 2019201169 (22) 20.02.2019  
(54) Pim kinase inhibitor combinations  
(62) 2017210520

(71) Orison Inc.  
(21) 2019201205 (22) 21.02.2019  
(54) BUILDING MANAGEMENT AND AP-  
PLIANCE CONTROL SYSTEM  
(62) 2014292911

(71) PGS Geophysical AS  
(21) 2019201144 (22) 19.02.2019  
(54) Node deployment using deflectors  
(31) 62/632,543 (32) 20.02.18 (33) US  
16/257,415 25.01.19 US

(71) Phoenix Solution Co., Ltd.  
(21) 2019201226 (22) 21.02.2019  
(54) RF TAG ANTENNA AND METHOD OF  
MANUFACTURING THE SAME, AND  
RF TAG  
(62) 2016217055

(71) President and Fellows of Harvard Col-  
lege  
(21) 2019201247 (22) 22.02.2019  
(54) STABILIZED POLYPEPTIDE INSULIN  
RECEPTOR MODULATORS  
(62) 2014278005

(71) Production Plus Energy Services Inc.  
(21) 2019201116 (22) 18.02.2019  
(54) Systems and apparatuses for separ-  
ating wellbore fluids and solids during  
production  
(62) 2014321104

(71) PT. obm Drilchem  
(21) 2019201133 (22) 18.02.2019

(54) Method of Sealing Pores and Fractures  
Inside Boreholes With Biodegradable  
Micronised Cellulose Fibers and Appar-  
atus for Making the Micronised Cellu-  
lose Fibers  
(62) 2017201333

(71) QIOPTIQ LIMITED  
(21) 2019201254 (22) 22.02.2019  
(54) Shock attenuation device and method  
using a pivot mechanism  
(31) 18160173.3 (32) 06.03.18 (33) EP

(71) Qualcomm Incorporated  
(21) 2019201253 (22) 22.02.2019  
(54) SELECTION OF A SERVING NODE IN  
A WIRELESS COMMUNICATION SYS-  
TEM  
(62) 2015333907

(71) R & B Leasing LLC  
(21) 2019201223 (22) 21.02.2019  
(54) SYSTEM AND METHOD FOR SUB-  
GRADE STABILIZATION OF RAIL-  
ROAD BED  
(31) 15/902,888 (32) 22.02.18 (33) US

(71) Razer (Asia-Pacific) Pte. Ltd.  
(21) 2019201227 (22) 21.02.2019  
(54) METHODS FOR MANAGING A PLUR-  
ALITY OF VIRTUAL CREDITS AND  
VIRTUAL WALLETS  
(62) 2015403303

(71) Rodgers, T.  
(21) 2019201263 (22) 22.02.2019  
(54) SECURE COVER FOR LUGGAGE  
(31) 2018900564 (32) 22.02.18 (33) AU

(71) SHANG HAI PAN SHI TOU ZI GUAN LI  
YOU XIAN GONG SI  
(21) 2019201245 (22) 22.02.2019  
(54) MAP GENERATION SYSTEM AND  
METHOD  
(62) 2017218960

(71) Simpson Strong-Tie Company, Inc.  
(21) 2019201196 (22) 20.02.2019  
(54) Drywall joist hanger connection  
(62) 2014361786

(71) Singapore Health Services Pte. Ltd.  
(21) 2019201234 (22) 22.02.2019  
(54) A METHOD AND A SYSTEM FOR  
CONTROLLING DISCOMFORT LEVEL  
(62) 2016259318

(71) Smeg S.p.A.  
(21) 2019201170 (22) 20.02.2019

(54) OVEN WITH AN INTERNAL WATER  
TANK, IN PARTICULAR FOR HUMIDI-  
FIED OR STEAM COOKING  
(31) 102018000002871 (32) 20.02.18 (33) IT

(71) Southwire Company, LLC  
(21) 2019201257 (22) 22.02.2019  
(54) Rotatable cable reel  
(62) 2015207812

(71) Stichting IMEC Nederland  
(21) 2019201228 (22) 21.02.2019  
(54) System For Monitoring Incontinence  
(62) 2014259486

(71) Sumitomo Heavy Industries, Ltd.  
(21) 2019201117 (22) 18.02.2019  
(54) Self-shielding cyclotron system

(71) Teleflex Life Sciences  
(21) 2019201174 (22) 20.02.2019  
(54) Artificial airway device  
(62) 2014330888

(71) The Boeing Company  
(21) 2019201187 (22) 20.02.2019  
(54) Laser ultrasound scanning for visualiz-  
ing damage or irregularities  
(31) 15/904,114 (32) 23.02.18 (33) US

(71) The Children's Hospital of Philadelphia  
(21) 2019201182 (22) 20.02.2019  
(54) VARIANT AAV AND COMPOSITIONS,  
METHODS AND USES FOR GENE  
TRANSFER TO CELLS, ORGANS  
AND TISSUES  
(62) 2014293253

**The General Hospital Corporation see  
Children's Medical Center Corporation**  
(21) 2019201235

(71) The Johns Hopkins University  
(21) 2019201127 (22) 18.02.2019  
(54) Suppression of myeloid derived sup-  
pressor cells and immune checkpoint  
blockade  
(62) 2015289922

(71) The Raymond Corporation  
(21) 2019201138 (22) 19.02.2019  
(54) WIRE GUIDANCE AND REMOTE OP-  
ERATION FOR MATERIAL HANDLING  
VEHICLES  
(31) 62/632,760 (32) 20.02.18 (33) US

**The Scripps Research Institute see Mind-  
era Corporation**  
(21) 2019201136

Complete Applications Filed - Name Index cont'd

(71) Thorium Power, Inc.  
 (21) 2019201209 (22) 21.02.2019  
 (54) Fuel assembly  
 (62) 2017213437

(71) Thru Tubing Solutions, Inc.  
 (21) 2019201177 (22) 20.02.2019  
 (54) FLOW CONTROL IN SUBTERRANEAN WELLS  
 (62) 2015393421

(71) Topcon Positioning Systems, Inc.  
 (21) 2019201251 (22) 22.02.2019  
 (54) Hybrid Positioning System using a Real-Time Location System and Robotic Total Station  
 (62) 2017277555

(71) Uber Technologies, Inc.  
 (21) 2019201242 (22) 22.02.2019  
 (54) Map-like summary visualization of street-level distance data and panorama data  
 (62) 2016211612

(71) UK Building Products Limited  
 (21) 2019201249 (22) 22.02.2019  
 (54) FIXING DEVICE WITH SIMULTANEOUS ACTUATION  
 (62) 2015227400

**Unigen, Inc. see Unigen, Inc.**  
 (21) 2019201188

(71) Unigen, Inc.; Unigen, Inc.  
 (21) 2019201188 (22) 20.02.2019  
 (54) Compositions and methods for joint health  
 (62) 2014281781

(71) United Laboratories International, LLC  
 (21) 2019201197 (22) 20.02.2019  
 (54) SOLVENT COMPOSITION AND PROCESS FOR REMOVAL OF ASPHALT AND OTHER CONTAMINANT MATERIALS  
 (62) 2015236386

(71) UWIS Oy  
 (21) 2019201154 (22) 19.02.2019  
 (54) UNDERWATER TRACKING SYSTEM  
 (62) 2014336012

(71) Ventana Medical Systems, Inc.  
 (21) 2019201130 (22) 18.02.2019  
 (54) Automated coverslipper and methods of use  
 (62) 2015286843

(71) VIS, LLC  
 (21) 2019201168 (22) 20.02.2019

(54) Under hoist support stand  
 (31) 62/633,649 (32) 22.02.18 (33) US

(71) VISION X ASIA CO.,LTD.; IN HONG, K.  
 (21) 2019201121 (22) 18.02.2019  
 (54) LAMP ASSEMBLY WITH IMPROVED ASSEMBLY CONVENIENCE AND WATERPROOF PERFORMANCE  
 (31) 10-2018-0045438 (32) 19.04.18 (33) KR

(71) Winter, P.  
 (21) 2019201164 (22) 19.02.2019  
 (54) A hypodermic device, that by itself can replace a needle for distributing dense fluids along a length of tissue thereby easing pain and when in the format of length adjustable perfuser/drainers(s) can perfuse or drain specified thicknesses of tissue while at the same time protect overlaying tissues by a length adjustable shield. The Perfudrain can be set up as a system using multiple perfuser/drainers and shields.

(71) Zazzle Inc.  
 (21) 2019201268 (22) 22.02.2019  
 (54) Segmentation of an image based on color and color differences  
 (62) 2014201404

(71) Zenith Epigenetics Ltd.  
 (21) 2019201212 (22) 21.02.2019  
 (54) Novel bicyclic bromodomain inhibitors  
 (62) 2014284616

**Zogenix, Inc. see Durect Corporation**  
 (21) 2019201172

(71) Zou, G.  
 (21) 2019201150 (22) 19.02.2019  
 (54) HUMAN PRESENCE DETECTOR AND THE HUMAN PRESENCE DETECTION METHOD THEREOF  
 (31) 2018110106250 (32) 31.08.18 (33) CN

(71) Zurex Pharma, Inc.  
 (21) 2019201266 (22) 22.02.2019  
 (54) Medical skin applicator apparatus  
 (62) 2014254271

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2019201114	CFPH, LLC	2019201183	F. Hoffmann-La Roche AG
2019201115	Boston Scientific Scimed, Inc.	2019201184	Liebherr-Mining Equipment Colmar SAS
2019201116	Production Plus Energy Services Inc.	2019201185	Fruit Master Australia Pty Ltd
2019201117	Sumitomo Heavy Industries, Ltd.	2019201186	Accenture Global Solutions Limited
2019201118	Cantor Index LLC	2019201187	The Boeing Company
2019201119	Angel Playing Cards Co., Ltd.	2019201188	Unigen, Inc.; Unigen, Inc.
2019201120	IGT	2019201189	Covidien LP
2019201121	VISION X ASIA CO.,LTD.; IN HONG, K.	2019201190	BSS Technologies, Inc.
2019201122	Amplero, Inc.	2019201191	Lockheed Martin Corporation
2019201123	Fuji Xerox Co., Ltd.	2019201192	Canon Kabushiki Kaisha
2019201125	FEI Company	2019201193	Covidien LP
2019201126	CFPH, LLC	2019201194	Czerniecki, B.
2019201127	The Johns Hopkins University	2019201195	Facebook, Inc.
2019201128	Becton, Dickinson and Company	2019201196	Simpson Strong-Tie Company, Inc.
2019201129	Coherus Biosciences, Inc.	2019201197	United Laboratories International, LLC
2019201130	Ventana Medical Systems, Inc.	2019201198	Ingram, T.
2019201131	GlaxoSmithKline Biologicals s.a.	2019201200	Dropbox, Inc.
2019201132	Accenture Global Solutions Limited	2019201201	Astellas Institute for Regenerative Medicine
2019201133	PT. obm Drilichem	2019201202	ConMed Corporation
2019201134	22nd Century Limited, LLC	2019201203	CNH Industrial America LLC
2019201135	Ab Initio Technology LLC	2019201204	Aus-Truss Pty Ltd
2019201136	Mindera Corporation; The Scripps Research Institute	2019201205	Orison Inc.
2019201137	Darktrace Limited	2019201206	General Electric Company
2019201138	The Raymond Corporation	2019201208	Aristocrat Technologies Australia Pty Limited
2019201139	DE VILLIERS, M.W.	2019201209	Thorium Power, Inc.
2019201140	Aristocrat Technologies Australia Pty Limited	2019201210	Aristocrat Technologies Australia Pty Limited
2019201141	Mogam Institute for Biomedical Research	2019201212	Zenith Epigenetics Ltd.
2019201142	Accenture Global Solutions Limited	2019201213	Johnson & Johnson Vision Care, Inc.
2019201143	Neill International Marketing Ltd	2019201214	Epiphany Solar Water Systems
2019201144	PGS Geophysical AS	2019201215	Monitra Healthcare Private Limited
2019201145	CNH Industrial Canada, Ltd.	2019201216	Covidien LP
2019201146	Globaltech Corporation Pty Ltd	2019201217	Insitu, Inc.
2019201147	Butterfly Network, Inc.	2019201218	Afiniti International Holdings, Ltd.
2019201148	Northrop Grumman Systems Corporation	2019201219	Apple Inc.
2019201149	Accenture Global Solutions Limited	2019201221	HFI Innovation Inc.
2019201150	Zou, G.	2019201222	Electrolux Appliances Aktiebolag
2019201151	KONE Corporation	2019201223	R & B Leasing LLC
2019201152	Daon Holdings Limited	2019201224	FIORENZATO M.C. SRL
2019201153	American Greetings Corporation	2019201225	Illinois Tool Works Inc.
2019201154	UWIS Oy	2019201226	Phoenix Solution Co., Ltd.
2019201155	DaVinci II CSJ, LLC	2019201227	Razer (Asia-Pacific) Pte. Ltd.
2019201156	Ecolab USA Inc.	2019201228	Stichting IMEC Nederland
2019201157	ALSTOM Transport Technologies	2019201229	HEE Solar, L.L.C.
2019201158	Colgate-Palmolive Company	2019201230	Mureus Pty Ltd
2019201159	Canon Kabushiki Kaisha	2019201231	Landos Biopharma, Inc.
2019201160	Honda Motor Co., Ltd.	2019201232	Gilead Sciences, Inc.
2019201161	Hydrus Technology Pty. Ltd.	2019201233	Corium International, Inc.
2019201162	Melbourne Timber Manufacturing Pty Ltd	2019201234	Singapore Health Services Pte. Ltd.
2019201163	Borecam Asia Pte Ltd	2019201235	Children's Medical Center Corporation; The General Hospital Corporation
2019201164	Winter, P.	2019201236	Nanofiber Solutions, Inc.
2019201165	Covidien LP	2019201237	Fluidra S.A.
2019201166	Kimberly-Clark Worldwide, Inc.	2019201238	ALSTOM Transport Technologies
2019201167	Covidien LP	2019201239	Blackstone Medical, Inc.
2019201168	VIS, LLC	2019201240	Fluidra S.A.
2019201169	Novartis AG	2019201241	Accenture Global Solutions Limited
2019201170	Smeg S.p.A.	2019201242	Uber Technologies, Inc.
2019201171	Aristocrat Technologies Australia Pty Limited	2019201243	Colgate-Palmolive Company
2019201172	Durect Corporation; Zogenix, Inc.	2019201244	Accenture Global Solutions Limited
2019201173	BicycleRD Limited	2019201245	SHANG HAI PAN SHI TOU ZI GUAN LI YOU XIAN GONG SI
2019201174	Teleflex Life Sciences	2019201246	Five3 Genomics, LLC
2019201175	Deere & Company	2019201247	President and Fellows of Harvard College
2019201176	Cerend Pty Ltd	2019201248	Altech Chemicals Australia Pty Ltd
2019201177	Thru Tubing Solutions, Inc.	2019201249	UK Building Products Limited
2019201178	Arla Foods Amba	2019201250	Edge Electronics Limited
2019201179	Agios Pharmaceuticals, Inc.	2019201251	Topcon Positioning Systems, Inc.
2019201180	Maytronics Ltd	2019201252	Angel Playing Cards Co., Ltd.
2019201181	Maytronics Ltd		
2019201182	The Children's Hospital of Philadelphia		

## Complete Applications Filed - Numerical Index cont'd

2019201253 Qualcomm Incorporated  
2019201254 QIOPTIQ LIMITED  
2019201255 Bolton, L.  
2019201256 Mahfouz, M.  
2019201257 Southwire Company, LLC  
2019201258 AbbVie Stemcentrx LLC  
2019201259 Genzyme Corporation  
2019201260 Cinsay, Inc.  
2019201261 Branch, D.; Calvert-Branch, M.  
2019201262 Island Block & Paving Pty Ltd  
2019201263 Rodgers, T.  
2019201264 Cancer Research Technology, LLC  
2019201265 IGT  
2019201266 Zurex Pharma, Inc.  
2019201267 Mitsubishi Heavy Industries Thermal Systems, Ltd.  
2019201268 Zazzle Inc.  
2019201269 GetAlert Ltd.

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Feb 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) abdelmoaty, y. (21) 2019100194 (22) 22.02.2019 (54) IFRS 16 convergence robotic solution</p>	<p>vehicles that don't use electrical power exclusively for locomotion. It introduces in-vehicle power generation greater than 2kw used in conjunction with renewable power sources to charge Lithium Batteries on an independent subsidiary electrical system at 48VDC with conversion to 12VDC network of appliances and energy consumers on an independent network with a battery and with conversion to 110-240V A/C network of appliances and energy consumers</p>	<p>that are selling/renting their own residential/commercial property or business. The tool automatically identifies content within repositories, and zones within content, that are of greatest interest, and converts them to CSV, Excel, XML and other formats for further downstream processing.</p>
<p>(71) Apple Inc. (21) 2019100180 (22) 18.02.2019 (54) Housing and antenna architecture for mobile device (31) 16/142,285 (32) 26.09.18 (33) US 62/725,237 30.08.18 US</p>	<p><b>HOWE, P. see OXBRIDGE GROUP PTY. LTD.</b> (21) 2019100183</p>	<p>(71) Sunrise Smart Built-IT Co., Ltd (21) 2019100186 (22) 20.02.2019 (54) THE FABRICATED WALL AND ITS APPLICATION WITH VENTILATION FUNCTION (31) 201810155380.4 (32) 23.02.18 (33) CN</p>
<p>(71) Axia Acquisition Corporation (21) 2019100187 (22) 20.02.2019 (54) Handle assembly for drywall finisher box (62) 2018100197</p>	<p>(71) Huang, M.H. (21) 2019100196 (22) 22.02.2019 (54) READY-TO-STOP ELEVATION CARRIER PLATFORM</p>	<p>(71) TianJin Entry-Exit Inspection Quarantine Bureau, Technical Center for Safety of Industrial Products (21) 2019100188 (22) 20.02.2019 (54) MOPED CHILD BACKSEAT WITH WARNING DEVICE</p>
<p>(71) Cavanagh, T.J. (21) 2019100191 (22) 20.02.2019 (54) MULTIPLE APPLIANCE ANTI-THEFT HARDWARE</p>	<p>(71) Hustler Equipment Limited (21) 2019100185 (22) 20.02.2019 (54) BALE FEEDER (62) 2015201599</p>	<p>(71) TianJin Entry-Exit Inspection Quarantine Bureau, Technical Center for Safety of Industrial Products (21) 2019100189 (22) 20.02.2019 (54) SAFE AND PORTABLE FASTNESS DETECTION DEVICE FOR ADHESIVE PART ON CHILD CLOTHES</p>
<p>(71) CSR Building Products Limited (21) 2019100179 (22) 18.02.2019 (54) FORMWORK SYSTEM (62) PCT/AU2018/050203</p>	<p>(71) Mahindra &amp; Mahindra Limited (21) 2019100184 (22) 20.02.2019 (54) A Heat Recovery System (31) 201821045038 (32) 29.11.18 (33) IN</p>	<p>(71) WHOLESAL GROUP INTERNATIONAL PTY. LTD.; NurturCare Inc. (21) 2019100190 (22) 20.02.2019 (54) An innovative formulation of very high kavalactone, non-toxic Kava extract derived from a water isolate of Kava (Piper methysticum)</p>
<p>(71) GEE Advanced Technologies Pty Ltd (21) 2019100178 (22) 18.02.2019 (54) A Lighting System (31) 2018900511 (32) 19.02.18 (33) AU</p>	<p>(71) Maxtrax Australia Pty Ltd (21) 2019100193 (22) 21.02.2019 (54) A vehicle recovery device (62) 2013101781</p>	<p>(71) Yao, Z. (21) 2019100181 (22) 19.02.2019 (54) An electronic apparatus for remotely controlling wall switches.</p>
<p>(71) Glasson, J. (21) 2019100195 (22) 22.02.2019 (54) Dispensing of a beverage in a portable situation involving a keg holding the beverage (31) 2019900422 (32) 11.02.19 (33) AU</p>	<p><b>NurturCare Inc. see WHOLESAL GROUP INTERNATIONAL PTY. LTD.</b> (21) 2019100190</p>	
<p>(71) Honig, B. (21) 2019100182 (22) 20.02.2019 (54) A system for upholding the provenance of a particular artwork and identifying the original arts or artists. The system includes a unique identifier and a blockchain trading platform.</p>	<p>(71) O'Shea, B. (21) 2019100192 (22) 19.02.2019 (54) SAFETY SWEAT SHIRT That has a towel stiched to the right &amp; left hand sleeve to wipe away sweat while your working</p>	
<p>(71) Hou, C. (21) 2019100177 (22) 17.02.2019 (54) 2kw to 20kw Hybrid Power Systems for Recreational and Special Vehicles. This innovation relates to electrical power systems in recreational and special</p>	<p>(71) OXBRIDGE GROUP PTY. LTD.; HOWE, P. (21) 2019100183 (22) 20.02.2019 (54) This automated data extraction tool optimizes the real estate prospecting process - specifically targeting owners</p>	



**Numerical Index**

<b>2019100177</b>	Hou, C.	<b>2019100188</b>	TianJin Entry-Exit Inspection Quarantine Bureau, Technical Center for Safety of Industrial Products
<b>2019100178</b>	GEE Advanced Technologies Pty Ltd	<b>2019100189</b>	TianJin Entry-Exit Inspection Quarantine Bureau, Technical Center for Safety of Industrial Products
<b>2019100179</b>	CSR Building Products Limited	<b>2019100190</b>	WHOLESALE GROUP INTERNATIONAL PTY. LTD.; NurturCare Inc.
<b>2019100180</b>	Apple Inc.	<b>2019100191</b>	Cavanagh, T.J.
<b>2019100181</b>	Yao, Z.	<b>2019100192</b>	O'Shea, B.
<b>2019100182</b>	Honig, B.	<b>2019100193</b>	Maxtrax Australia Pty Ltd
<b>2019100183</b>	OXBRIDGE GROUP PTY. LTD.; HOWE, P.	<b>2019100194</b>	abdelmoaty, y.
<b>2019100184</b>	Mahindra & Mahindra Limited	<b>2019100195</b>	Glasson, J.
<b>2019100185</b>	Hustler Equipment Limited	<b>2019100196</b>	Huang, M.H.
<b>2019100186</b>	Sunrise Smart Built-IT Co., Ltd		
<b>2019100187</b>	Axia Acquisition Corporation		

**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
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

**1999**

1999017301 ( 14 )	1999017302 ( 14 )	1999017306 ( 14 )
1999017312 ( 14 )	1999017313 ( 14 )	1999017318 ( 14 )
1999017328 ( 14 )	1999017330 ( 14 )	1999017342 ( 14 )
1999017364 ( 14 )	1999017372 ( 14 )	1999017431 ( 14 )
1999024117 ( 14 )	1999024275 ( 14 )	1999024300 ( 14 )
1999025044 ( 14 )	1999025082 ( 14 )	1999025271 ( 14 )
1999025274 ( 14 )	1999025365 ( 14 )	1999025389 ( 14 )
1999025477 ( 14 )	1999026302 ( 14 )	1999026780 ( 14 )
1999026800 ( 14 )	1999026827 ( 14 )	1999026846 ( 14 )
1999026858 ( 14 )	1999026879 ( 14 )	1999027241 ( 14 )
1999027659 ( 14 )	1999027694 ( 14 )	1999027707 ( 14 )
1999027717 ( 14 )	1999027764 ( 14 )	1999028340 ( 14 )
1999028346 ( 14 )	1999028700 ( 14 )	1999028702 ( 14 )
1999032824 ( 14 )	1999032828 ( 14 )	1999032856 ( 14 )
1999032974 ( 14 )	1999032987 ( 14 )	1999032988 ( 14 )
1999032998 ( 14 )	1999033037 ( 14 )	1999039087 ( 14 )
1999043436 ( 14 )	1999051872 ( 14 )	1999053382 ( 14 )
1999053476 ( 14 )	1999055156 ( 14 )	1999056212 ( 14 )

**2000**

2000051888 ( 14 )	2000053383 ( 14 )	2000062543 ( 14 )
2000066268 ( 14 )	2000067016 ( 14 )	2000266251 ( 14 )

**2001**

2001057817 ( 14 )	2001057944 ( 14 )	2001057959 ( 14 )
2001057966 ( 14 )	2001083155 ( 14 )	2001097187 ( 14 )
2001277412 ( 14 )	2001278308 ( 14 )	2001279255 ( 14 )
2001284006 ( 14 )	2001285413 ( 14 )	

**2002**

2002010053 ( 14 )	2002017752 ( 14 )	2002317619 ( 14 )
2002319793 ( 14 )	2002319802 ( 14 )	2002322883 ( 14 )
2002323097 ( 14 )	2002324652 ( 14 )	2002325102 ( 14 )
2002325610 ( 14 )	2002326577 ( 14 )	2002329716 ( 14 )
2002355362 ( 14 )	2002355370 ( 14 )	2002355894 ( 14 )

**2003**

2003203448 ( 14 )	2003213536 ( 14 )	2003231640 ( 14 )
2003231721 ( 14 )	2003231723 ( 14 )	2003248612 ( 14 )
2003250218 ( 14 )	2003250315 ( 14 )	2003250319 ( 14 )
2003254857 ( 14 )	2003256903 ( 14 )	2003258150 ( 14 )
2003259322 ( 14 )	2003265412 ( 14 )	

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2004222799 ( 14 )	2004237900 ( 14 )	2004237901 ( 14 )
2004262921 ( 14 )	2004262999 ( 14 )	2004263538 ( 14 )
2004264692 ( 14 )	2004281875 ( 14 )	2004301959 ( 14 )
2004322201 ( 14 )		

**2005**

2005270744 ( 14 )	2005272264 ( 14 )	2005272808 ( 14 )
2005274338 ( 14 )	2005274339 ( 14 )	2005274384 ( 14 )
2005274387 ( 14 )	2005276726 ( 14 )	

**2006**

2006203404 ( 14 )	2006222690 ( 14 )	2006252264 ( 14 )
2006278258 ( 14 )	2006279880 ( 14 )	2006279943 ( 14 )
2006280105 ( 14 )	2006280120 ( 14 )	2006281968 ( 14 )
2006285278 ( 14 )	2006291337 ( 14 )	2006317441 ( 14 )
2006327247 ( 14 )	2006339058 ( 14 )	2006347406 ( 14 )

**2007**

2007200130 ( 14 )	2007200912 ( 14 )	2007200947 ( 14 )
2007202175 ( 14 )	2007202588 ( 14 )	2007202589 ( 14 )
2007203656 ( 14 )	2007205758 ( 14 )	2007281993 ( 14 )
2007281996 ( 14 )	2007282272 ( 14 )	2007282370 ( 14 )
2007286285 ( 14 )	2007291593 ( 14 )	2007296984 ( 14 )
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**2008**

2008201006 ( 14 )	2008203535 ( 14 )	2008284271 ( 14 )
2008284709 ( 14 )	2008286652 ( 14 )	2008287427 ( 14 )
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2009200917 ( 14 )	2009202942 ( 14 )	2009206181 ( 14 )
2009238378 ( 14 )	2009243493 ( 14 )	2009279120 ( 14 )
2009280012 ( 14 )	2009280015 ( 14 )	2009280017 ( 14 )
2009280021 ( 14 )	2009281011 ( 14 )	2009281208 ( 14 )
2009281223 ( 14 )	2009281979 ( 14 )	2009282038 ( 14 )
2009282112 ( 14 )	2009282149 ( 14 )	2009283021 ( 14 )
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**2010**

2010210031 ( 14 )	2010227084 ( 14 )	2010251786 ( 14 )
2010257380 ( 14 )	2010280708 ( 14 )	2010280715 ( 14 )
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**2011**

2011100180 ( 22 ) 2011100193 ( 22 ) 2011100196 ( 22 )  
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2012203204 ( 14 ) 2012211413 ( 14 ) 2012211433 ( 14 )  
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**2013**

2013101056 ( 22E ) 2013202450 ( 14 ) 2013203433 ( 14 )  
 2013204982 ( 14 ) 2013213675 ( 14 ) 2013216669 ( 5C )  
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 2013301520 ( 14 ) 2013301562 ( 14 ) 2013302220 ( 4C )  
 2013302873 ( 14 ) 2013303012 ( 14 ) 2013303808 ( 4C )  
 2013308223 ( 14 ) 2013311950 ( 14 ) 2013331990 ( 14 )  
 2013403303 ( 5C ) 2013407055 ( 5C )

**2014**

2014100905 ( 22E ) 2014201612 ( 25D ) 2014210580 ( 14 )  
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 2014403312 ( 4A ) 2014410402 ( 1B )

**2015**

2015100000 ( 22 ) 2015100012 ( 22 ) 2015101066 ( 22E )  
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 2015394594 ( 1B ) 2015394863 ( 1B )

**2016**

2016100857 ( 22E ) 2016101417 ( 22E ) 2016101419 ( 22E )

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**2017**

2017200173 ( 5C ) 2017200198 ( 5C ) 2017200335 ( 5C )  
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 2017201183 ( 5C ) 2017201246 ( 5C ) 2017201361 ( 5C )  
 2017201396 ( 5C ) 2017201525 ( 5C ) 2017201656 ( 5C )  
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 2017210598 ( 4C ) 2017213543 ( 5C ) 2017216474 ( 4C )  
 2017221825 ( 5C ) 2017228697 ( 5C ) 2017228702 ( 5C )  
 2017251694 ( 5C ) 2017276349 ( 5C ) 2017276350 ( 5C )

**2018**

2018100756 ( 21F ) 2018100777 ( 21F ) 2018101591 ( 18AN )  
 2018102032 ( 18AN ) 2018200323 ( 5C ) 2018271337 ( 1B )  
 2018271359 ( 1B ) 2018274904 ( 1B ) 2018278937 ( 7AN )  
 2018900528 ( 12AN ) 2018901678 ( 12AN ) 2018901681 ( 12AN )  
 2018901682 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014214917 Envera, LLC The application has been assigned to **Envera LIC, LLC**

2014219331 Process4, Inc. The application has been assigned to **NESTEC SA**

2014253973 Envera, LLC The application has been assigned to **Envera LIC, LLC**

2014409609 Ag Bio-Power L.C. The application has been assigned to **Thiessen Jr, Lavoy; Thiessen, Randall**

**2015**

2015231494 MAX Analytical Technologies, Inc. The application has been assigned to **MLS ACQ, Inc. D/B/A MAX Analytical Technologies**

2015276185 Annikki GmbH; Microinnova Engineering GmbH The application has been assigned to **Annikki GmbH; Novolana GmbH**

2015299036 Bayer CropScience Aktiengesellschaft The application has been assigned to **Bayer Animal Health GmbH**

2015306261 Bayer CropScience Aktiengesellschaft The application has been assigned to **Bayer Animal Health GmbH**

2015308424 Norton (Waterford) Limited; MicroDose Therapeutx, Inc.; Teva Pharmaceuticals Europe B.V. The application has been assigned to **Norton (Waterford) Limited**

**Assignments before Grant, Section 113**

2015311577 Command Alkon Dutch Tech B.V. The application has been assigned to **COMMAND ALKON INCORPORATED**

**2016**

2016367288 Prostar Manufacturing Inc. The application has been assigned to **Prostar Energy Technologies (USA) LLC**

2016368620 Microinnova Engineering GmbH; Annikki GmbH The application has been assigned to **Novolana GmbH; Annikki GmbH**

2016371265 Prostar Manufacturing Inc. The application has been assigned to **Prostar Energy Technologies (USA) LLC**

2016397680 Warren Environmental, Inc. The application has been assigned to **Warren Environmental & Coating, LLC**

**2017**

2017201231 Amplimmune, Inc.; The Johns Hopkins University The application has been assigned to **Medimmune, LLC; The Johns Hopkins University**

2017289043 X Development LLC The application has been assigned to **Wing Aviation LLC**

2017313843 Ebbu Inc. The application has been assigned to **Canopy Growth Corporation**

**2018**

2018900824 The University of Queensland; Agnihotri, Viraj The application has been assigned to **Augmented Bionics Pty Ltd**

2018903866 Strang, Sallie The application has been assigned to **Falcon Lair Pty. Ltd**

2018904575 Strang, Sallie The application has been assigned to **Falcon Lair Pty. Ltd**

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

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

**2003**

2003201116 **Hennessy Hammock Company** An application to extend the time from 06 Jan 2018 to 06 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2008**

2008333810 **Rutgers, The State University of New Jersey** An application to extend the time from 04 Dec 2017 to 04 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**Extensions of Time, Section 223****2009**

2009201196 **Effective Measure International Pty Ltd** An application to extend the time from 13 Oct 2014 to 13 Dec 2018 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2009270826 **University of Medicine and Dentistry of New Jersey** An application to extend the time from 16 Jul 2017 to 16 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2010**

2010251755 **MIKOH Corporation** An application to extend the time from 18 May 2018 to 18 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2014**

2014100354 **Khairnasov, S.; Frolov, G.; Dusheiko, M.; Rassamakin, B.; Rassamakin, A.; Elgart, Y.** An application to extend the time from 10 Apr 2018 to 10 Jan 2019 in which to pay the renewal fee has been filed . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2014234961 **Vardy, Terence** An application to extend the time from 20 Oct 2015 to 20 Dec 2018 in which to enter the National Phase and pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014274594 **MIKOH Corporation** An application to extend the time from 18 May 2018 to 18 Jan 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014296647 **Elbex Video Ltd.** An application to extend the time from 18 Jul 2018 to 18 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017200781 **Belle-Aire Fragrances, Inc.** An application to extend the time from 08 Apr 2018 to 08 Jan 2019 in which to pay a continuation fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2017239492 **ZIH Corp.** An application to extend the time from 04 Jun 2018 to 04 Jan 2019 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017275081 **Eiken Kagaku Kabushiki Kaisha** An application to extend the time from 06 Dec 2017 to 06 Jan 2019 in which to comply with Section 6(c) has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2018**

2018267583 **Engineering Innovations Group Pty Limited** An application to extend the time from 02 Feb 2018 to 02 Dec 2018 in which to extend the grace period and associate with a complete application has been filed . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

**2019**

2019200796 **Blue I.V. LLC** An application to extend the time from 06 Feb 2018 to 06 Feb 2019 in which to claim the convention priority date has been filed . Address for service - HopgoodGanim Level 8 Water-front Place 1 Eagle Street BRISBANE QLD 4000 AU

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

**2010**

2010221446 **Moasis Global Corporation** The time in which to pay a renewal fee has been extended to 03 Oct 2018 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2011**

2011279562 **AXIS ENERGY GROUP PTY LTD** The time in which to pay a renewal fee has been extended to 19 Sep 2018 . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

**2012**

2012202179 **Moasis Global Corporation** The time in which to pay a renewal fee has been extended to 03 Oct 2018 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2012389957 **Caboni, M.** The time in which to gain acceptance has been extended to 28 Apr 2019 . Address for service - Michele Caboni Ashutosh Choudhary C/O KAnalysis Level 54 111 Eagle Street Brisbane QLD 6000 AU

**2017**

2017101333 **WILLIAM & HENRY TOOLS PTY LTD** The time in which to gain certification has been extended to 15 Apr 2019 . Address for service - WILLIAM & HENRY TOOLS PTY LTD 8 WILCO AVENUE CAB-RAMATTA WEST NSW 2166 AU

2017200218 **Interventional Autonomics Corporation** The time in which to pay the continuation fee has been extended to 11 Aug 2018 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017248500 **Integra LifeSciences Switzerland Sarl** The time in which to pay a continuation fee has been extended to 20 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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.

**2002**

2002235321 Optimized data transmission system and method **Ved-anti Systems Limited** The nature of the amendment is as shown in

**Amendments**

the statement(s) filed 07 Sep 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2006**

2006227757 Enhanced bimatoprost ophthalmic solution **Allergan, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2009**

2009316985 Mirror structure **Blyth, P. ; BAE Systems plc ; Griffith, M. ; Laycock, L.** The nature of the amendment is: Amend the name of the Patentee to read BAE Systems plc . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2011**

2011203019 Synergistic Fungicidal Compositions and Methods of Use **Zelam Limited** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014227862 sGC stimulators **Ironwood Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2019 . Address for service - Griffith Hack GPO Box 4164 SYDNEY NSW 2001 AU

2014314213 Method and system for generation of customised sensory stimulus **Neuromod Devices Limited** The nature of the amendment is as shown in the statement(s) filed 18 Feb 2019 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2015**

2015308437 Glycosidase inhibitors **Asceneuron SA** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015378562 Apparatuses for holding and retaining glass articles **Corning Incorporated** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016102063 Device, method, and user interface for processing intensity of touch contacts **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2016202598 Targeted television advertisements based on online behavior **Intent IQ, LLC** The nature of the amendment is: Amend the name of the inventor to read SHKEDI, Roy . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2017**

2017223913 A disinfectant aqueous composition and method for treating substrates **Unilever plc** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2019 . Address for service - Dav-

**Amendments**

ies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2018**

2018101660 A Computerised Trading System **MYSMARTPROP-ERTY PTY LTD** The nature of the amendment is: Amend the name of the Patentee to read Christopher Bilborough . Address for service - Stellar Law Pty Ltd L 13, 50 Cavill Ave Surfers Paradise QLD 4217 AU

**Amendments Made**

**1999**

1999059959 **Zoetis Services LLC** The nature of the amendment is as shown in the statement filed 24 Aug 2018

**2011**

2011222720 **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2018

**2012**

2012202294 **PMH Manufacturing Pty Limited** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2018

**2013**

2013257536 **Vuly Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2019

2013334500 **Vale S.A.** The nature of the amendment is as shown in the statement filed 29 Aug 2018

2013384369 **Materialise N.V.** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2018

**2014**

2014201297 **Netgear, Inc.** The nature of the amendment is: Application is to proceed under the number 2014101649

2014202406 **ViiV Healthcare Company** The nature of the amendment is as shown in the statements filed 30 Oct 2018 and 20 November 2019

2014218893 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2018

2014218897 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2018

2014240049 **Amgen Inc.; Cytokinetics, Inc.** The nature of the amendment is as shown in the statement filed 08 Nov 2018

2014257748 **Ascendis Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2018

2014279794 **Enovate Systems Limited** The nature of the amendment is as shown in the statement filed 24 Oct 2018

2014342497 **Hayward Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2018

**Amendments**

**2015**

2015224435 **Alstom Transport Technologies** The nature of the amendment is: Amend the name of the inventor to read Frederic, Henry and Brice, André

2015231853 **Rolling Razor, Inc.** The nature of the amendment is: Amend the name of the inventor to read Coresh, Leon

2015304699 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Head Hardened Rail Manufacturing Method and Manufacturing Apparatus

2015369831 **Systimmune, Inc.** The nature of the amendment is: Amend the name of the inventor to read Gao, Zeren; Tan, Phil; Kovacevich, Brian; Renshaw, Blair; Adamo, Jeffrey; Mak, Nga Sze Amanda; Zhuo, Shi; Chen, Lan and Zhu, Yi

**2016**

2016201250 **VERIDEX, LLC** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2018

2016277659 **WILSON, R.** The nature of the amendment is: Application is to proceed under the number 2016102408

2016282697 **Amazon Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2018

2016290213 **Nucleix Ltd.** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2019

2016306343 **IHI Corporation** The nature of the amendment is: Amend the invention title to read Wastewater Treatment Apparatus

2016416508 **New York Air Brake, LLC** The nature of the amendment is: Amend the invention title to read AUTOMATED SYSTEM FOR DETERMINING OPTIMAL TRAIN DRIVING SYSTEM PARAMETERS

2016420865 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Drum unit, cartridge, electrophotographic image forming apparatus and coupling member

**2017**

2017200078 **Sloan-Kettering Institute for Cancer Research; The Rockefeller University** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2018

2017217183 **Bayer CropScience Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Substituted 2-(het)aryl-imidazolyl-carboxyamides as pest control agents

2017219157 **Xyleco, Inc.** The nature of the amendment is: Amend the name of the inventor to read Medoff, Marshall; Masterman, Thomas and Paradis, Robert

2017263532 **Bayer Healthcare LLC; Formulated Solutions, LLC; Baldwin, S.; Carpenter, S.; Graham, H.; Kim, N.; Meyer, T.; Reynolds, D.; Vancleave, J.; Dann, E.; Dann, T.; Nelson, R.; Dann, B.** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2019

**Amendments**

2017263538 **Baldwin, S.; Carpenter, S.; Graham, H.; Kim, N.; Meyer, T.; Reynolds, D.; Vancleave, J.; Dann, E.; Dann, T.; Nelson, R.; Dann, B.; Bayer Healthcare LLC; Formulated Solutions, LLC** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2019

2017301949 **Metabolon, Inc.** The nature of the amendment is: Amend the invention title to read COMPOUNDS, REAGENTS, AND USES THEREOF

2017302182 **Lupin Limited** The nature of the amendment is: Amend the priority details to read 201621043859 22 Dec 2016 IN; 201721009450 17 Mar 2017 IN and 201621026107 29 Jul 2016 IN

2017304845 **Yoshino Kogyosho Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read MAEDA, Shinya

2017307558 **Titan Spine, Inc.** The nature of the amendment is as shown in the statement filed 01 Feb 2019

2017311519 **Seleggt GmbH** The nature of the amendment is: Amend the invention title to read Egg inspection device

2017311836 **Asahi Kasei Medical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Filter element for blood processing filter, blood processing filter and leukocyte removal method

2017321782 **The General Hospital Corporation** The nature of the amendment is: Amend the name of the inventor to read Elmaleh, David R.; Tanzi, Rudolph E.; Shoup, Timothy M. and Gricluc, Ana

2017345958 **Gree Electric Appliances, Inc. of Zhuhai** The nature of the amendment is: Amend the invention title to read POWER CONSUMPTION MANAGEMENT METHOD FOR ELECTRIC DEVICES, MANAGER AND MANAGEMENT SYSTEM

2017349343 **Samsung Bioepis Co., Ltd.** The nature of the amendment is: Amend the invention title to read PROCESS FOR REDUCING UNDESIRABLE BY-PRODUCT IN CELL CULTURE

2017416079 **Beijing Didi Infinity Technology and Development Co., Ltd.** The nature of the amendment is: Amend the invention title to read SYSTEMS AND METHODS FOR SWITCHING A DRIVING MODE OF A VEHICLE

**2018**

2018267537 **Accenture Global Solutions Limited** The nature of the amendment is: Amend the name of the inventor to read KOUTSORODI, Arternis; LOKANATHAN, Badri; MATHUR, Ankur; WEBBER, Brandon; SPATA, Gregory P.; BARSAMIAN, Paul M.; GONZALEZ AYALA, Adalberto; GARRISON, Daniel P.; MULLAN, Pramila and MENDEZ, Juan Carlos

**2019**

2019100093 **Excell, B.** The nature of the amendment is: Application is to proceed under the number 2019201328

**Alteration of Name(s) of Applicant(s)/Patentee(s)****Amendments****2002**

2002324757 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

**2006**

2006302380 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

**2009**

2009200630 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

2009302478 Raptor Pharmaceuticals Inc. The name of the patentee has been altered to **Horizon Orphan LLC**

**2010**

2010289326 Raptor Pharmaceuticals Inc. The name of the patentee has been altered to **Horizon Orphan LLC**

**2011**

2011210756 Raptor Pharmaceuticals Inc. The name of the patentee has been altered to **Horizon Orphan LLC**

2011229995 Synergio AG, c/- BDS Treuhand AG The name of the patentee has been altered to **Syntach AG**

2011229996 Synergio AG, c/- BDS Treuhand AG The name of the patentee has been altered to **Syntach AG**

2011240607 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

2011320319 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

2011329117 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

**2012**

2012302021 Cinsay, Inc. The name of the patentee has been altered to **AiBuy, Inc.**

2012335952 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

2012375224 ZIH Corp. The name of the patentee has been altered to **Zebra Technologies Corporation**

**2013**

2013203605 Raptor Pharmaceuticals Inc. The name of the patentee has been altered to **Horizon Orphan LLC**

2013277992 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

**Amendments**

**2014**

2014277698 Nilfisk-Advance A/S The name of the applicant has been altered to **Nilfisk A/S**

2014318709 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

2014318712 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

2014324841 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

2014324843 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

2014331699 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

**2015**

2015200522 Synergio AG The name of the patentee has been altered to **Syntach AG**

2015252028 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015252040 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015252042 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015252043 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015252044 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015252045 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015271945 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2015275224 Raptor Pharmaceuticals Inc. The name of the patentee has been altered to **Horizon Orphan LLC**

**2016**

2016201273 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016201908 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016202576 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

**Amendments**

2016203156 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016203365 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016203941 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016210606 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016216565 Cinsay, Inc. The name of the patentee has been altered to **AiBuy, Inc.**

2016244204 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016253705 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016256753 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016259336 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016259337 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

2016277770 Adobe Systems Incorporated The name of the applicant has been altered to **Adobe Inc.**

**2018**

2018900608 HUNTSMAN CORPORATION AUSTRALIA PTY LTD The name of the applicant has been altered to **HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED**

2018901565 Birch, Grant The name of the applicant has been altered to **Birch, G.**

**2019**

2019200651 Cinsay, Inc. The name of the applicant has been altered to **AiBuy, Inc.**

2019200993 61224BAX/VPB ; Baxalta GmbH The name of the applicant has been altered to **Baxalta Incorporated; Baxalta GmbH**



Applications Open to Public Inspection

Name Index

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

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(71) 22nd Century Limited, LLC  
 (11) AU-A-2019201134  
 (21) 2019201134 (22) 18.02.2019  
 (54) REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017239579  
 (72) HASHIMOTO, Takahasi; KATO, Akira  
 (74) Griffith Hack

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(71) 3M Innovative Properties Company  
 (11) AU-A-2019201073  
 (21) 2019201073 (22) 15.02.2019  
 (54) Sleeve-fit respirator cartridge  
 (51) Int. Cl.  
**A62B 18/08** ( 2006.01 )  
**A62B 7/10** ( 2006.01 )  
**A62B 9/04** ( 2006.01 )  
**A62B 18/00** ( 2006.01 )  
**A62B 18/02** ( 2006.01 )  
**A62B 19/00** ( 2006.01 )  
**A62B 23/02** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2016262694  
 (72) BLOMBERG, David M.; COWELL, Michael J.; MITTELSTADT, William A.; RAINES III, Carl W.; ABEL, Nathan A.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Ab Initio Technology LLC  
 (11) AU-A-2019201135  
 (21) 2019201135 (22) 18.02.2019  
 (54) MANAGING INTERFACES FOR DATA-FLOW GRAPHS COMPOSED OF SUB-GRAPHS  
 (51) Int. Cl.  
**G06F 9/44** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2014360308  
 (72) Larson, Brond; Bay, Paul; Bromley, H. Mark; Stevens, Daniell Garrick; Tsvetanov, Tsvetan  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201132  
 (21) 2019201132 (22) 18.02.2019  
 (54) ITEM RECOGNITION  
 (51) Int. Cl.  
**G06F 16/36** ( 2019.01 )  
 (43) 07.03.2019  
 (62) 2017235911  
 (72) HAWKINS, Chris; YOUNGDAHL, Allison; NGUYEN, David H.; DANG, Leeann Chau Tuyet; NGUYEN, Dav-

id T.; NAYLOR, Charlotte; AGASKAR, Maya  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201142  
 (21) 2019201142 (22) 19.02.2019  
 (54) TESTING AND IMPROVING PERFORMANCE OF MOBILE APPLICATION PORTFOLIOS  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 90/00** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017258970  
 (72) POLISETTY, Raghu; THOTTIKKARA, Bibin George; ROY, Subhasish; GRACE, Marin  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201149  
 (21) 2019201149 (22) 19.02.2019  
 (54) ITEM TO VECTOR BASED CATEGORIZATION  
 (51) Int. Cl.  
**G06F 15/00** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017239523  
 (72) JABLONSKI, John  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adobe Systems Incorporated  
 (11) AU-A-2018203946  
 (21) 2018203946 (22) 04.06.2018  
 (54) COLLABORATIVE REVIEW OF VIRTUAL REALITY VIDEO  
 (51) Int. Cl.  
**G06F 3/01** ( 2006.01 )  
 (31) 15/680,528 (32) 18.08.17 (33) US  
 (43) 07.03.2019  
 (72) Nguyen, Cuong; DiVerdi, Stephen; Hertzmann, Aaron  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Systems Incorporated  
 (11) AU-A-2018203947  
 (21) 2018203947 (22) 04.06.2018  
 (54) COLLABORATIVE VIRTUAL REALITY ANTI-NAUSEA AND VIDEO STREAMING TECHNIQUES  
 (51) Int. Cl.  
**G06F 3/01** ( 2006.01 )  
 (31) 15/680,523 (32) 18.08.17 (33) US  
 (43) 07.03.2019  
 (72) DiVerdi, Stephen; Williams, Brian; Hertzmann, Aaron  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Agios Pharmaceuticals, Inc.  
 (11) AU-A-2019201179  
 (21) 2019201179 (22) 20.02.2019  
 (54) THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE  
 (51) Int. Cl.  
**C07D 251/18** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2014289744  
 (72) Konteatis, Zenon D.; Popovici-Muller, Janeta; Travins, Jeremy M.; Zahler, Robert; Cai, Zhenwei; Zhou, Ding  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) AMO Development, LLC  
 (11) AU-A-2019201060  
 (21) 2019201060 (22) 15.02.2019  
 (54) Ophthalmic range finding  
 (51) Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2018200427  
 (72) Bor, Zsolt; Tamkin, John; De Guzman, Peter-Patrick; Levin, Mikhail; Dennison, Anthony; Campos, Michael; Fu, Hong  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Animas Corporation  
 (11) AU-A-2019201034  
 (21) 2019201034 (22) 14.02.2019  
 (54) Infusion device with layered structure having durable and disposable components  
 (51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2014241125  
 (72) LOPEZ, Erasmo  
 (74) Spruson & Ferguson

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(71) Apple Inc.  
 (11) AU-A-2019201065  
 (21) 2019201065 (22) 15.02.2019  
 (54) Intelligent presentation of documents  
 (51) Int. Cl.  
**G06Q 30/00** ( 2012.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 07.03.2019  
 (62) 2016244289  
 (72) KARUNAMUNI, Chanaka G.; VAN OS, Marcel; HERZ, Scott; BLOCK, Eliza; STEELE, Glen W.; FERRY, Ken; LAURENS, Peter  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204220  
 (21) 2018204220 (22) 13.06.2018  
 (54) FLEXIBLE ELECTROLUMINESCENT DISPLAY FOR USE WITH ELECTRONIC GAMING SYSTEMS  
 (51) Int. Cl.  
**G09G 3/30** ( 2006.01 )  
 (31) 15/681,818 (32) 21.08.17 (33) US  
 (43) 07.03.2019  
 (72) WINSTON, Eric P.; IMUTAN, Cash John; CHENG, John  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201009  
 (21) 2019201009 (22) 13.02.2019  
 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM  
 (51) Int. Cl.  
**A63F 13/52** ( 2014.01 )  
 (43) 07.03.2019  
 (62) 2017206166  
 (72) NGUYEN, Hung Ngoc  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201030  
 (21) 2019201030 (22) 14.02.2019  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 13/00** ( 2006.01 )  
**G07F 17/34** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017200190  
 (72) BARBALET, Thomas Samuel  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201092  
 (21) 2019201092 (22) 15.02.2019  
 (54) A Gaming System and a Method of Gaming  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017200758  
 (72) BOESEN, John Leslie  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201107  
 (21) 2019201107 (22) 15.02.2019  
 (54) A method of providing a player interface in a gaming system  
 (51) Int. Cl.  
**A63F 13/00** ( 2006.01 )  
**G06F 3/048** ( 2006.01 )

(43) 07.03.2019  
 (62) 2017200770  
 (72) VISSER, Antoon Christiaan  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201109  
 (21) 2019201109 (22) 15.02.2019  
 (54) Gaming Apparatus and Method Relating to Linked Gaming Machines  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )  
**A63F 13/30** ( 2014.01 )

(43) 07.03.2019  
 (62) 2017200153  
 (72) DAVIES, Clive  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201140  
 (21) 2019201140 (22) 19.02.2019  
 (54) ELECTRONIC GAMING SYSTEM FOR CONDUCTING A WAGERING GAME AND METHOD OF USE  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )

(43) 07.03.2019  
 (62) 2017232209  
 (72) PALMISANO, Angelo; WOOD, Keith A.  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019201171  
 (21) 2019201171 (22) 20.02.2019  
 (54) GAMING SYSTEM AND A METHOD OF GAMING  
 (51) Int. Cl.  
**A63F 5/04** ( 2006.01 )  
**A63F 13/00** ( 2006.01 )  
**G07F 17/34** ( 2006.01 )

(43) 07.03.2019  
 (62) 2017210507  
 (72) Bennett, Nicholas Luke  
 (74) Griffith Hack

(71) Arla Foods Amba  
 (11) AU-A-2019201178  
 (21) 2019201178 (22) 20.02.2019  
 (54) Lactose-reduced milk products containing galacto-oligosaccharides and monosaccharides and a method of production  
 (51) Int. Cl.  
**A23C 9/12** ( 2006.01 )  
**A23C 9/13** ( 2006.01 )

**A23C 9/18** ( 2006.01 )  
**A23C 21/02** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/38** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2015226138  
 (72) Ray, Collin A.; Osman, Ali  
 (74) Shelston IP Pty Ltd.

(71) Avent, Inc.  
 (11) AU-A-2017415084  
 (21) 2017415084 (22) 16.08.2017  
 (54) Method and system for wrapping ties in a facemask manufacturing process  
 (51) Int. Cl.  
**A41D 13/11** ( 2006.01 )  
 (43) 07.03.2019  
 (72) Spencer, Anthony S.; Pamperin, Mark T.; Weber, Joseph P.; Steindorf, Eric C.  
 (74) Spruson & Ferguson

(71) Avent, Inc.  
 (11) AU-A-2017417166  
 (21) 2017417166 (22) 16.08.2017  
 (54) Method and system for wrapping ties in a facemask manufacturing process  
 (51) Int. Cl.  
**A41D 13/11** ( 2006.01 )  
 (43) 07.03.2019  
 (72) Pamperin, Mark T.; Weber, Joseph P.; Harrington, David L.; Steindorf, Eric C.  
 (74) Spruson & Ferguson

(71) Avery Dennison Corporation  
 (11) AU-A-2019201055  
 (21) 2019201055 (22) 14.02.2019  
 (54) Adhesives and related methods  
 (51) Int. Cl.  
**C09J 4/06** ( 2006.01 )  
**C08L 23/00** ( 2006.01 )  
**C08L 33/00** ( 2006.01 )  
**C09J 123/02** ( 2006.01 )  
**C09J 133/00** ( 2006.01 )

(43) 07.03.2019  
 (62) 2017201999  
 (72) ZAJACZKOWSKI, Michael; WATERMAN, Michael T.; HEIMBACH, Kyle R.; BARTHOLOMEW, Eric L.; MILLER, Brandon S.  
 (74) Spruson & Ferguson

(71) Aymroo Pty Ltd  
 (11) AU-A-2017232154  
 (21) 2017232154 (22) 21.09.2017  
 (54) Manufacturing Sewer Maintenance Shafts  
 (51) Int. Cl.  
**B29C 45/14** ( 2006.01 )  
**E03F 5/02** ( 2006.01 )  
 (31) 2017903329 (32) 18.08.17 (33) AU  
 (43) 07.03.2019  
 (72) Cockburn, Michael Owen; Natrass, Luke Nigel; Luke, Owen Edward  
 (74) Clark Intellectual Property Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

**Baxalta GmbH see Baxalta Incorporated**  
**(21)** 2019200993

**(71)** Baxalta Incorporated; Baxalta GmbH  
**(11)** AU-A-2019200993  
**(21)** 2019200993 **(22)** 13.02.2019  
**(54)** A METHOD TO PRODUCE AN IMMUNOGLOBULIN PREPARATION WITH IMPROVED YIELD  
**(51)** Int. Cl.  
**C07K 1/36** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07K 16/06** ( 2006.01 )

**(43)** 07.03.2019  
**(62)** 2016273819  
**(72)** Bruckschwaiger, Leopold; Svatos, Sonja; Teschner, Wolfgang; Butterweck, Harald Arno; Schwarz, Hans-Peter; Gundinger, Thomas; Koelbl, Bernhard; Grausenburger, Reinhard; Pljevljakovic, Azra; Nüemberger, Julia  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019201046  
**(21)** 2019201046 **(22)** 14.02.2019  
**(54)** Injection Site Information Cap  
**(51)** Int. Cl.  
**A61M 39/02** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2017203700  
**(72)** Bochenko, Walter John  
**(74)** FB Rice Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019201128  
**(21)** 2019201128 **(22)** 18.02.2019  
**(54)** Density phase separation device  
**(51)** Int. Cl.  
**B01L 3/14** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2017201852  
**(72)** Crawford, Jamieson W.; Attri, Ravi; Battles, Christopher A.; Hires, Gregory R.; Bartfeld, Benjamin  
**(74)** FB Rice Pty Ltd

**(71)** BEDFORD INDUSTRIES, INC.  
**(11)** AU-A-2018286562  
**(21)** 2018286562 **(22)** 24.12.2018  
**(54)** HANG TAB AND PRODUCT TAG ASSEMBLY, AND METHOD OF USE  
**(51)** Int. Cl.  
**B65D 73/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2016228273  
**(72)** SHAFFER, Nicholas Elliott; MILBRANDT, Kim A.; MILBRANDT, Jay A.; LUDLOW, Robert B.; O'DONNELL, Colin M.  
**(74)** Acacia Law

**(71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2018205145  
**(21)** 2018205145 **(22)** 11.02.2018  
**(54)** Method and system for providing transportation service  
**(51)** Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**(31)** 15/855,746 **(32)** 27.12.17 **(33)** US  
 201710702596.3 16.08.17 CN  
**(43)** 07.03.2019  
**(72)** Li, Xiang; Zhou, Zhiqiang; Wang, Zhan; Sheng, Kehua  
**(74)** Shelston IP Pty Ltd.

**(71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2018217238  
**(21)** 2018217238 **(22)** 11.02.2018  
**(54)** System and method for processing simultaneous carpool requests  
**(51)** Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**(31)** 201710701159.X **(32)** 16.08.17 **(33)** CN  
 15/858,959 29.12.17 US  
**(43)** 07.03.2019  
**(72)** Zhang, Niping; Li, Lu; Luo, Mingshan; Wei, Pumeng; Liu, Meichen  
**(74)** Shelston IP Pty Ltd.

**(71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
**(11)** AU-A-2018250387  
**(21)** 2018250387 **(22)** 24.02.2018  
**(54)** Winding structure of electrical machine, magnetic conductive member of electrical machine, ferromagnetic lamination and electrical machine  
**(51)** Int. Cl.  
**H02K 3/00** ( 2006.01 )  
**(31)** 201710703559.4 **(32)** 16.08.17 **(33)** CN  
**(43)** 07.03.2019  
**(72)** Ma, Shengjun  
**(74)** Madderns Pty Ltd

**(71)** BicycleRD Limited  
**(11)** AU-A-2019201173  
**(21)** 2019201173 **(22)** 20.02.2019  
**(54)** Novel polypeptides  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**B65D 77/04** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014343503  
**(72)** Teufel, Daniel; Stace, Catherine; Walker, Edward  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2018211318  
**(21)** 2018211318 **(22)** 03.08.2018  
**(54)** SYSTEM AND METHOD OF MANAGING ECG DATA FOR USER DEFINED MAP  
**(51)** Int. Cl.  
**G16Z 99/00** ( 2019.01 )  
**A61B 5/0402** ( 2006.01 )

**(31)** 15/679,632 **(32)** 17.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** Hayam, Gal; Bar-On, Tal Haim; Turge-man, Aharon; Timofeyev, Michael  
**(74)** Spruson & Ferguson

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2018211320  
**(21)** 2018211320 **(22)** 03.08.2018  
**(54)** ADVANCED CURRENT LOCATION (ACL) AUTOMATIC MAP ROTATION TO DETECT HOLES IN CURRENT POSITION MAP (CPM) MAPPING  
**(51)** Int. Cl.  
**A61B 5/05** ( 2006.01 )  
**A61B 1/00** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61B 5/1473** ( 2006.01 )  
**A61B 18/08** ( 2006.01 )  
**(31)** 15/681,474 **(32)** 21.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** Gliner, Vadim  
**(74)** Spruson & Ferguson

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2018211322  
**(21)** 2018211322 **(22)** 03.08.2018  
**(54)** DETECTION OF BUBBLES IN IRRIGATION FLUID  
**(51)** Int. Cl.  
**A61B 1/015** ( 2006.01 )  
**A61M 11/00** ( 2006.01 )  
**(31)** 15/677,522 **(32)** 15.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** Peri, Eitan; Zoubi, Alaa; Botzer, Lior  
**(74)** Spruson & Ferguson

**(71)** Board of Regents, The University of Texas System  
**(11)** AU-A-2019201104  
**(21)** 2019201104 **(22)** 15.02.2019  
**(54)** COMPOUNDS AND METHODS FOR TREATING CANCER, NEUROLOGICAL DISORDERS, ETHANOL WITHDRAWAL, ANXIETY, DEPRESSION AND NEUROPATHIC PAIN  
**(51)** Int. Cl.  
**C07D 491/08** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014290202  
**(72)** Martin, Stephen F.; Sahn, James J.; Scott, Luisa; Pierce-Shimomura, Jonathan Thomas  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Boston Scientific Scimed, Inc.  
**(11)** AU-A-2019201111  
**(21)** 2019201111 **(22)** 18.02.2019  
**(54)** Implants, tools, and methods for treatments of pelvic conditions  
**(51)** Int. Cl.  
**A61F 2/00** ( 2006.01 )

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(62) 2014237965  
(72) VIKER, Thomas O.  
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(71) Boston Scientific Scimed, Inc.  
(11) AU-A-2019201115  
(21) 2019201115 (22) 18.02.2019  
(54) Surgical implant system and method  
(51) Int. Cl.  
A61F 2/00 ( 2006.01 )  
(43) 07.03.2019  
(62) 2014232259  
(72) GEROLD, Jason R.; PFAHNL, Andreas  
C.; ALLEN, John J.  
(74) Spruson & Ferguson

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(71) Brien Holden Vision Institute  
(11) AU-A-2019201084  
(21) 2019201084 (22) 15.02.2019  
(54) Lenses, devices, methods and systems  
for refractive error  
(51) Int. Cl.  
A61F 2/14 ( 2006.01 )  
A61B 3/00 ( 2006.01 )  
A61F 2/16 ( 2006.01 )  
G02C 7/02 ( 2006.01 )  
(43) 07.03.2019  
(62) 2013332247  
(72) Bakaraju, Ravi Chandra; Ehrmann,  
Klaus; Ho, Arthur; Holden, Brien An-  
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(74) Shelston IP Pty Ltd.

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(71) Butterfly Network, Inc.  
(11) AU-A-2019201147  
(21) 2019201147 (22) 19.02.2019  
(54) Ultrasonic imaging compression meth-  
ods and apparatus  
(51) Int. Cl.  
G01S 7/52 ( 2006.01 )  
B06B 1/02 ( 2006.01 )  
G01S 15/89 ( 2006.01 )  
G10K 11/34 ( 2006.01 )  
(43) 07.03.2019  
(62) 2015247501  
(72) Rothberg, Jonathan M.; Ralston, Tyler  
S.; Sanchez, Nevada J.; Casper, An-  
drew J.  
(74) Davies Collison Cave Pty Ltd

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(21) 2019201039

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(71) Cantor Index LLC  
(11) AU-A-2019201118  
(21) 2019201118 (22) 18.02.2019  
(54) SYSTEM AND METHOD FOR CON-  
DUCTING A JACKPOT RACE EVENT  
(51) Int. Cl.  
A63F 13/00 ( 2006.01 )

(43) 07.03.2019  
(62) 2016273964  
(72) ASHER, Joseph M.; MILLER, Kenneth  
L.; ROTONDO, Peter Christopher  
(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

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(71) Caterpillar Inc.  
(11) AU-A-2018211264  
(21) 2018211264 (22) 01.08.2018  
(54) SYSTEM AND METHOD FOR CON-  
TROLLING EARTHMOVING MA-  
CHINES  
(51) Int. Cl.  
E02F 9/20 ( 2006.01 )  
G05D 1/02 ( 2006.01 )  
(31) 15/677,113 (32) 15.08.17 (33) US  
(43) 07.03.2019  
(72) WEI, Mo; HOLMQVIST, Mikael;  
TAYLOR, Michael A.; EDWARDS, Kyle  
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J.  
(74) FPA Patent Attorneys Pty Ltd

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(71) Celton Holdings Pty Ltd  
(11) AU-A-2018217326  
(21) 2018217326 (22) 17.08.2018  
(54) PROTECTIVE COVER FOR A POINT  
OF SALE DEVICE  
(51) Int. Cl.  
G06F 1/16 ( 2006.01 )  
G07G 1/14 ( 2006.01 )  
(31) 2017903343 (32) 18.08.17 (33) AU  
(43) 07.03.2019  
(72) Vukasinovic, Javik  
(74) mdp Patent and Trade Mark Attorneys

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(71) CFPH, LLC  
(11) AU-A-2019201114  
(21) 2019201114 (22) 18.02.2019  
(54) MULTI-LEVEL GAMING COMPETI-  
TIONS  
(51) Int. Cl.  
A63F 9/24 ( 2006.01 )  
(43) 07.03.2019  
(62) 2017202209  
(72) MILLER, Kenneth L.; AMAITIS, Lee;  
FLAHERTY, Phillip; SIMBAL, Jason;  
LIPKA, Craig  
(74) Pizzeys Patent and Trade Mark Attor-  
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(71) CFPH, LLC  
(11) AU-A-2019201126  
(21) 2019201126 (22) 18.02.2019  
(54) COMPUTER BASED GAMING  
(51) Int. Cl.  
A63F 1/00 ( 2006.01 )  
G06F 17/00 ( 2006.01 )  
(43) 07.03.2019  
(62) 2016265994  
(72) Lutnick, Howard W.; Alderucci, Dean P.;  
Gelman, Geoffrey  
(74) Pizzeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Chomley Consulting Pty. Ltd  
(11) AU-A-2019201023  
(21) 2019201023 (22) 14.02.2019  
(54) Methods, Controllers and Devices for  
Assembling a Word  
(51) Int. Cl.  
G06F 3/023 ( 2006.01 )  
(43) 07.03.2019  
(62) 2016277581  
(72) CHOMLEY, Timothy Michael  
(74) Griffith Hack

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(71) Cidara Therapeutics, Inc.  
(11) AU-A-2019201072  
(21) 2019201072 (22) 15.02.2019  
(54) Dosing regimens for echinocandin class  
compounds  
(51) Int. Cl.  
A61K 38/12 ( 2006.01 )  
A01N 37/18 ( 2006.01 )  
A61P 31/10 ( 2006.01 )  
(43) 07.03.2019  
(62) 2017201758  
(72) Radhakrishnan, Balasingam; James,  
Kenneth Duke; Vaidya, Anuradha; Po-  
lowy, Karen  
(74) FPA Patent Attorneys Pty Ltd

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(71) CiiLOCK Engineering Pty Ltd  
(11) AU-A-2018217317  
(21) 2018217317 (22) 17.08.2018  
(54) A window lock  
(51) Int. Cl.  
E05B 65/08 ( 2006.01 )  
E05B 33/00 ( 2006.01 )  
(31) 2017903318 (32) 17.08.17 (33) AU  
(43) 07.03.2019  
(72) Sharp, Damion Colin; Jaber, Hani;  
Jaber, Simon  
(74) FPA Patent Attorneys Pty Ltd

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(71) Cilag GmbH International  
(11) AU-A-2019201087  
(21) 2019201087 (22) 15.02.2019  
(54) Orientation independent meter  
(51) Int. Cl.  
A61B 5/00 ( 2006.01 )  
(43) 07.03.2019  
(62) 2014203272  
(72) Rodgers, James Iain; Ritchie,  
Lawrence; Zvikhachevskaya, Anna;  
Nelson, Jonathan; Morales, Carlos  
(74) Shelston IP Pty Ltd.

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(71) Clarus Technologies Pty Ltd  
(11) AU-A-2019200860  
(21) 2019200860 (22) 07.02.2019  
(54) Bionic muscle  
(51) Int. Cl.  
H01F 7/08 ( 2006.01 )  
A61F 2/08 ( 2006.01 )  
A61F 2/70 ( 2006.01 )  
H02K 33/02 ( 2006.01 )

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 (72) Lizzio, Andrew  
 (74) SILBERSTEIN & ASSOCIATES PTY LIMITED

(71) Coherus Biosciences, Inc.  
 (11) AU-A-2019201129  
 (21) 2019201129 (22) 18.02.2019  
 (54) Protein production method  
 (51) Int. Cl.  
 A61P 37/00 ( 2006.01 )  
 A61P 37/06 ( 2006.01 )  
 C12P 21/02 ( 2006.01 )

(43) 07.03.2019  
 (62) 2014241259  
 (72) PUCHACZ, Ela; GROVE, James Russell  
 (74) Davies Collison Cave Pty Ltd

(71) Colgate-Palmolive Company  
 (11) AU-A-2019201158  
 (21) 2019201158 (22) 19.02.2019  
 (54) Zinc phosphate complex  
 (51) Int. Cl.  
 A61Q 11/00 ( 2006.01 )  
 A61K 8/24 ( 2006.01 )  
 A61K 8/27 ( 2006.01 )  
 A61Q 15/00 ( 2006.01 )

(43) 07.03.2019  
 (62) 2014415217  
 (72) Nawrocki, Shiri; Dubovoy, Viktor; Pan, Long; Qiao, Baohua; Szewczyk, Gregory; Subramanyam, Ravi  
 (74) Shelston IP Pty Ltd.

(71) Covidien LP  
 (11) AU-A-2019201004  
 (21) 2019201004 (22) 13.02.2019  
 (54) Methods and devices for performing a surgical anastomosis  
 (51) Int. Cl.  
 A61B 17/115 ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2014203308  
 (72) MILLIMAN, Keith  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2019201096  
 (21) 2019201096 (22) 15.02.2019  
 (54) A stent delivery system  
 (51) Int. Cl.  
 A61F 2/00 ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2016277624  
 (72) NEWELL, Gabriel; HUYNH, Andy; FARHAT, Lawrence; HOLLOWAY, Kenneth  
 (74) Spruson & Ferguson

(71) CP Packaging, Inc.  
 (11) AU-A-2018217222  
 (21) 2018217222 (22) 14.08.2018  
 (54) SIMPLIFIED LIFT MECHANISM FOR A PACKAGING MACHINE  
 (51) Int. Cl.

B65B 45/00 ( 2006.01 )  
 B65B 65/00 ( 2006.01 )  
 B65B 65/02 ( 2006.01 )  
 (31) 16/102,116 (32) 13.08.18 (33) US  
 62/545,025 14.08.17 US  
 (43) 07.03.2019  
 (72) Buchko Jr., Raymond G.; Golla, Rodney W.  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) CRISI Medical Systems, Inc.  
 (11) AU-A-2019201044  
 (21) 2019201044 (22) 14.02.2019  
 (54) Flow Sensor System with Connection Assembly  
 (51) Int. Cl.  
 A61M 5/00 ( 2006.01 )  
 A61M 5/168 ( 2006.01 )  
 A61M 5/172 ( 2006.01 )  
 G01F 1/66 ( 2006.01 )  
 G05D 7/00 ( 2006.01 )

(43) 07.03.2019  
 (62) 2016317586  
 (72) Bochenko, Walter John  
 (74) FB Rice Pty Ltd

(71) CRISI Medical Systems, Inc.  
 (11) AU-A-2019201054  
 (21) 2019201054 (22) 14.02.2019  
 (54) Flow sensor system including transmissive connection  
 (51) Int. Cl.  
 A61M 5/168 ( 2006.01 )  
 A61M 5/172 ( 2006.01 )  
 A61M 39/10 ( 2006.01 )  
 G01F 1/66 ( 2006.01 )

(43) 07.03.2019  
 (62) 2016316749  
 (72) Dekalb, Shawn Wayne  
 (74) FB Rice Pty Ltd

(71) CSR Building Products Limited  
 (11) AU-A-2018219975  
 (21) 2018219975 (22) 20.08.2018  
 (54) METHOD AND APPARATUS FOR PLASTERBOARD PRODUCTION  
 (51) Int. Cl.  
 C04B 38/10 ( 2006.01 )  
 B01F 3/00 ( 2006.01 )  
 B01F 5/04 ( 2006.01 )

(31) 2017903337 (32) 18.08.17 (33) AU  
 (43) 07.03.2019  
 (72) Bradhurst, John; Riessen, Dylan  
 (74) Griffith Hack

(71) Dammers, A.  
 (11) AU-A-2017216599  
 (21) 2017216599 (22) 19.08.2017  
 (54) Block Sock  
 (51) Int. Cl.  
 A41D 17/00 ( 2006.01 )  
 A41B 11/04 ( 2006.01 )  
 A41B 11/12 ( 2006.01 )

(43) 07.03.2019  
 (72) Dammers, Arnoud  
 (74) Arnoud Dammers

(71) Daon Holdings Limited  
 (11) AU-A-2018217220  
 (21) 2018217220 (22) 14.08.2018  
 (54) METHODS AND SYSTEMS FOR CAPTURING BIOMETRIC DATA  
 (51) Int. Cl.  
 G06F 3/01 ( 2006.01 )  
 H04W 12/00 ( 2009.01 )  
 (31) 15/678,314 (32) 16.08.17 (33) US  
 (43) 07.03.2019  
 (72) PEREZ-ROVIRA, Adria  
 (74) Wallington-Dummer

(71) Dejero Labs Inc.  
 (11) AU-A-2019201095  
 (21) 2019201095 (22) 15.02.2019  
 (54) System and method for automatic encoder adjustment based on transport data  
 (51) Int. Cl.  
 H04N 19/134 ( 2014.01 )  
 H04N 19/14 ( 2014.01 )  
 (43) 07.03.2019  
 (62) 2015296746  
 (72) SZE, David Pui Keung; HORVATH, Akos; FRUSINA, Bogdan; GILHULY, Barry; SMITH, Cameron Kenneth; MALLET, Joseph Robert Wayne; SCHNEIDER, Anthony Todd; FLATT, Robert; KAYE, Hagen  
 (74) FB Rice Pty Ltd

(71) Detnet South Africa (Pty) Ltd  
 (11) AU-A-2019201020  
 (21) 2019201020 (22) 14.02.2019  
 (54) DETONATOR IDENTIFIER ASSIGNMENT  
 (51) Int. Cl.  
 F42D 1/055 ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2017307636  
 (72) Kruger, Michiel Jacobus  
 (74) Madderns Pty Ltd

(71) Dometic Sweden AB; Mobicool Electronic (Zhuhai) Co., Ltd  
 (11) AU-A-2018217298  
 (21) 2018217298 (22) 16.08.2018  
 (54) A refrigerator with doors and doors detachable on both sides  
 (51) Int. Cl.  
 F25D 23/02 ( 2006.01 )  
 (31) 201710701905.5 (32) 16.08.17 (33) CN  
 (43) 07.03.2019  
 (72) Xingbiao, Yang; Weixian, Guan; Wang, Kingda; Xiaoli, Weng  
 (74) Shelston IP Pty Ltd.

(71) Dometic Sweden AB  
 (11) AU-A-2018217327  
 (21) 2018217327 (22) 17.08.2018  
 (54) Support leg for awnings, awning and method for adjusting the support leg  
 (51) Int. Cl.  
 B60P 3/34 ( 2006.01 )

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**B60J 11/00** ( 2006.01 )  
**E04F 10/00** ( 2006.01 )  
**E04H 15/08** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )  
**(31)** 10 2017 214 552.8 **(32)** 21.08.17 **(33)** DE  
**(43)** 07.03.2019  
**(72)** Bekaert, Miguel  
**(74)** Shelston IP Pty Ltd.

**Donovan, B.N. see Donovan Group NZ Limited**  
**(21)** 2018256558

**(71)** Donovan Group NZ Limited; Donovan, B.N.; McCollum, K.  
**(11)** AU-A-2018256558  
**(21)** 2018256558 **(22)** 31.10.2018  
**(54)** IMPROVEMENTS IN, OR RELATING TO, CONSTRUCTION BRACING  
**(51)** Int. Cl.  
**E04B 1/38** ( 2006.01 )  
**F16B 7/18** ( 2006.01 )  
**(31)** 734679 **(32)** 18.08.17 **(33)** NZ  
**(43)** 07.03.2019  
**(72)** Donovan, Brett Norman; McCollum, Kerry  
**(74)** Baldwins Intellectual Property

**(71)** Dragontail Systems Ltd.  
**(11)** AU-A-2017216572  
**(21)** 2017216572 **(22)** 18.08.2017  
**(54)** System and method for management of goods delivery  
**(51)** Int. Cl.  
**G06Q 50/32** ( 2012.01 )  
**(31)** 15/678,597 **(32)** 16.08.17 **(33)** US  
**(43)** 07.03.2019  
**(72)** BRANDWINE, Guy  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Durect Corporation; Zogenix, Inc.  
**(11)** AU-A-2019201172  
**(21)** 2019201172 **(22)** 20.02.2019  
**(54)** Injectable controlled release composition comprising high viscosity liquid carrier  
**(51)** Int. Cl.  
**A61K 9/06** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014249008  
**(72)** WRIGHT, Jeremy C; TAMRAZ, Wilma; LEONARD, John J; GIBSON, John W; BRANHAM, Keith E; SJOBECK, Stefania; BOYD, Brooks; RUBINO, Christopher M  
**(74)** FB Rice Pty Ltd

**(71)** Ecolab USA Inc.  
**(11)** AU-A-2019201156  
**(21)** 2019201156 **(22)** 19.02.2019  
**(54)** Solid rinse aid composition and method of making same  
**(51)** Int. Cl.  
**C11D 1/22** ( 2006.01 )  
**B08B 3/08** ( 2006.01 )

**C11D 3/30** ( 2006.01 )  
**C11D 11/04** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2017201539  
**(72)** SUN, Xin; ANDERSON, Derrick; WEST, Kelsey; KIEFFER, Janel Marie; MAN, Victor Fuk-Pong; HUNTER, Melissa  
**(74)** Spruson & Ferguson

**(71)** Electrocore LLC  
**(11)** AU-A-2019201050  
**(21)** 2019201050 **(22)** 14.02.2019  
**(54)** Devices and methods for non-invasive capacitive electrical stimulation and their use for vagus nerve stimulation on the neck of a patient  
**(51)** Int. Cl.  
**A61N 1/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2011361696  
**(72)** ERRICO, Joseph P.; SIMON, Bruce; RAFFLE, John T.  
**(74)** Spruson & Ferguson

**(71)** Ethicon, Inc.  
**(11)** AU-A-2019201006  
**(21)** 2019201006 **(22)** 13.02.2019  
**(54)** Temporary aids for deployment and fixation of tissue repair implants  
**(51)** Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**A61B 17/02** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2013324023  
**(72)** CARDINALE, Michael; WORTHINGTON, Anthony; TANNHAUSER, Robert J.; SKULA, Emil Richard  
**(74)** Spruson & Ferguson

**(71)** Evolution Engineering Inc.  
**(11)** AU-A-2019201041  
**(21)** 2019201041 **(22)** 14.02.2019  
**(54)** Integrated downhole system with plural telemetry subsystems  
**(51)** Int. Cl.  
**E21B 47/12** ( 2006.01 )  
**E21B 7/00** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**E21B 47/00** ( 2006.01 )  
**E21B 47/10** ( 2006.01 )  
**H04B 3/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2016238865  
**(72)** Logan, Aaron W.; Switzer, David A.; Liu, Jili; Logan, Justin C.; Xu, Mingdong  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2019201027  
**(21)** 2019201027 **(22)** 14.02.2019  
**(54)** A SYSTEM FOR PROVIDING A FLOW OF GASES TO A PATIENT  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )

**(43)** 07.03.2019  
**(62)** 2017204397  
**(72)** McAuley, Alastair Edwin; Makinson, Ian Douglas; Anderson, Fiona Elizabeth  
**(74)** AJ PARK

**(71)** FISHER & PAYKEL HEALTHCARE LIMITED  
**(11)** AU-A-2019201077  
**(21)** 2019201077 **(22)** 15.02.2019  
**(54)** NASAL CANNULA ASSEMBLIES AND RELATED PARTS  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014230084  
**(72)** O'Connor, Mark Thomas; Klenner, Jason Allan; Assi, Milanjot Singh; Spence, Callum James Thomas; Hopkins, Caroline Geraldine; Duthie, Neil Gray; White, Craig Karl; Evans, Alicia Jerram Hunter; Laing, Brent Ian; Clarkson, Sooji Hope; Gulliver, Laurence  
**(74)** AJ PARK

**(71)** Flomax International, Inc.  
**(11)** AU-A-2019201076  
**(21)** 2019201076 **(22)** 15.02.2019  
**(54)** FUEL TANK VENT AND SHUTOFF VALVE  
**(51)** Int. Cl.  
**G05D 9/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014331906  
**(72)** Ballard, Mark Paul; Ballard, Carl Paul; Kendrick, John Trent  
**(74)** Peter Maxwell & Associates

**(71)** Freestyle Technology Limited  
**(11)** AU-A-2019201102  
**(21)** 2019201102 **(22)** 15.02.2019  
**(54)** A communications process and system  
**(51)** Int. Cl.  
**G01R 22/10** ( 2006.01 )  
**G06F 19/00** ( 2006.01 )  
**G08C 17/02** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2016219719  
**(72)** DONAGHEY, Andrew Paul; LE BLANC, David Victor Octave  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fuji Xerox Co., Ltd.  
**(11)** AU-A-2019201123  
**(21)** 2019201123 **(22)** 18.02.2019  
**(54)** Print controller, print control method and print control program  
**(51)** Int. Cl.  
**B41J 29/38** ( 2006.01 )  
**B41J 29/393** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2016259398  
**(72)** Wakamatsu, Jun  
**(74)** Shelston IP Pty Ltd.

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 (11) AU-A-2018229461  
 (21) 2018229461 (22) 18.01.2018  
 (54) First call vehicle dispatch server  
 (51) Int. Cl.  
*G06Q 50/10* ( 2012.01 )  
 (31) 2017-155528 (32) 10.08.17 (33) JP  
 (43) 07.03.2019  
 (72) Takada, Takayuki  
 (74) Madderns Pty Ltd

(71) GE Global Sourcing LLC  
 (11) AU-A-2019201049  
 (21) 2019201049 (22) 14.02.2019  
 (54) SYSTEMS AND METHOD FOR A VEHICLE NETWORK  
 (51) Int. Cl.  
*B61L 23/00* ( 2006.01 )  
*H04L 12/40* ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2018200544  
 (72) Kraeling, Mark Bradshaw; Lacy, Patricia Sue  
 (74) Phillips Ormonde Fitzpatrick

(71) Gen9, Inc.  
 (11) AU-A-2019201052  
 (21) 2019201052 (22) 14.02.2019  
 (54) Compositions and methods for multiplex nucleic acids synthesis  
 (51) Int. Cl.  
*C12N 15/10* ( 2006.01 )  
*C07H 21/00* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12P 19/34* ( 2006.01 )  
 (43) 07.03.2019  
 (62) 2014237003  
 (72) Jacobson, Joseph; Schindler, Daniel; Saaem, Ishtiaq; Lawton, Scott; Goldberg, Martin; Hudson, Michael; Kung, Li-Yun  
 (74) WRAYS PTY LTD

(71) GlaxoSmithKline Biologicals s.a.  
 (11) AU-A-2019201131  
 (21) 2019201131 (22) 18.02.2019  
 (54) MENINGOCOCCUS VACCINES  
 (51) Int. Cl.  
*C07K 14/22* ( 2006.01 )  
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**A61K 33/34** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )  
**A61K 31/047** ( 2006.01 )  
**A61K 31/125** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
 (43) 07.03.2019  
 (72) Shah, Aiyaz  
 (74) K&L Gates

(71) Sensormatic Electronics LLC

- (11) AU-A-2019201074  
 (21) 2019201074 (22) 15.02.2019  
 (54) Systems and methods for mobile point-of-sale process management  
 (51) Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
 (43) 07.03.2019  
 (62) 2014249734  
 (72) RASBAND, Paul B.  
 (74) Spruson & Ferguson

(71) Seowon University Institute of Industry-Academy Collaboration

- (11) AU-A-2018200330  
 (21) 2018200330 (22) 15.01.2018  
 (54) COMPOSITION COMPRISING FRUIT PEEL EXTRACT FOR IMPROVEMENT OF MEMORY OR PREVENTION AND TREATMENT OF COGNITIVE IMPAIRMENT  
 (51) Int. Cl.  
**A61K 36/73** ( 2006.01 )  
**A23L 19/00** ( 2016.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
 (31) 10-2017-0103597 (32) 16.08.17 (33) KR  
 (43) 07.03.2019  
 (72) KIM, Hyun Kyoung; MIN, Soo Hong  
 (74) Collison & Co

(71) ServiceNow, Inc.

- (11) AU-A-2019201100

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- (21) 2019201100 (22) 15.02.2019  
 (54) Data modelling and flow engine for building automated flows within a cloud based developmental platform  
 (51) Int. Cl.  
*G06F 8/34* ( 2018.01 )  
*G06F 3/01* ( 2006.01 )  
*G06F 8/10* ( 2018.01 )
- (43) 07.03.2019  
 (62) 2018229432  
 (72) Nelson, Harry Thomas; Tucker, Christopher; Sarbora, Russell Samuel; Zhang, Qian; Jimenez, Alberto Alvarado; Solaegui, Juell; Solis, Carl  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Snap-on Incorporated  
 (11) AU-A-2019201078  
 (21) 2019201078 (22) 15.02.2019  
 (54) Control button retention mechanism  
 (51) Int. Cl.  
*B25F 5/00* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2017201723  
 (72) BOTHMANN, Richard D.  
 (74) Griffith Hack
- 
- (71) SomaLogic, Inc.  
 (11) AU-A-2019201066  
 (21) 2019201066 (22) 15.02.2019  
 (54) Method for generating aptamers with improved off-rates  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2017202051  
 (72) ZICHI, Dominic; WILCOX, Sheri K.; BOCK, Chris; SCHNEIDER, Daniel J.; EATON, Bruce; GOLD, Larry  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sony Corporation  
 (11) AU-A-2019201098  
 (21) 2019201098 (22) 15.02.2019  
 (54) Decoding device and decoding method, and coding device and coding method  
 (51) Int. Cl.  
*H04N 19/70* ( 2014.01 )  
*H04N 19/30* ( 2014.01 )
- (43) 07.03.2019  
 (62) 2014335620  
 (72) Hattori, Shinobu; Kanai, Kenichi; Hamada, Toshiya; Tsuru, Takumi; Eto, Hiroaki  
 (74) Spruson & Ferguson
- 
- (71) Tata Consultancy Services Limited  
 (11) AU-A-2018201487  
 (21) 2018201487 (22) 01.03.2018  
 (54) METHOD AND SYSTEM FOR HEALTH MONITORING AND FAULT SIGNATURE IDENTIFICATION  
 (51) Int. Cl.  
*G06F 11/32* ( 2006.01 )  
*G06Q 99/00* ( 2006.01 )
- (31) 201721029392 (32) 18.08.17 (33) IN
- (43) 07.03.2019  
 (72) MALHOTRA, Pankaj; TV, Vishnu; GUGULOTHU, Narendhar; VIG, Lovekesh; AGARWAL, Puneet; SHROFF, Gautam  
 (74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Tata Steel Limited  
 (11) AU-A-2019201093  
 (21) 2019201093 (22) 15.02.2019  
 (54) Smelting Process and Apparatus  
 (51) Int. Cl.  
*C21B 7/10* ( 2006.01 )  
*B22D 11/10* ( 2006.01 )  
*C21B 13/10* ( 2006.01 )  
*C21C 5/42* ( 2006.01 )  
*F27B 1/24* ( 2006.01 )  
*F27B 3/24* ( 2006.01 )  
*F27D 1/12* ( 2006.01 )  
*F27D 9/00* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2014366893  
 (72) DRY, RODNEY JAMES; PILOTE, JACQUES; MEIJER, HENDRIKUS KOENRAAD ALBERTUS  
 (74) Griffith Hack
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- (71) Techtronic Industries Company Limited  
 (11) AU-A-2019201094  
 (21) 2019201094 (22) 15.02.2019  
 (54) Dual-voltage brushless motor  
 (51) Int. Cl.  
*H02P 4/00* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2015378453  
 (72) CHANG, Yijia; LEE, Heiman  
 (74) Griffith Hack
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- (71) Teleflex Life Sciences  
 (11) AU-A-2019201174  
 (21) 2019201174 (22) 20.02.2019  
 (54) Artificial airway device  
 (51) Int. Cl.  
*A61M 16/04* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2014330888  
 (72) Poulsen, Sylwia; Kheong, Ooi Wee  
 (74) Shelston IP Pty Ltd.
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- (71) The Johns Hopkins University  
 (11) AU-A-2019201127  
 (21) 2019201127 (22) 18.02.2019  
 (54) Suppression of myeloid derived suppressor cells and immune checkpoint blockade  
 (51) Int. Cl.  
*A61K 31/44* ( 2006.01 )  
*A61K 31/706* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2015289922  
 (72) Zhou, Shibin; Vogelstein, Bert; Kinzler, Kenneth W.; Kim, KiBem  
 (74) Davies Collison Cave Pty Ltd
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- (71) The NOCO Company  
 (11) AU-A-2019201081  
 (21) 2019201081 (22) 15.02.2019  
 (54) Battery connector device for a battery jump starting device  
 (51) Int. Cl.  
*F02N 11/12* ( 2006.01 )  
*F02N 11/14* ( 2006.01 )  
*F02N 19/00* ( 2010.01 )  
*H02J 7/00* ( 2006.01 )  
*H02J 7/32* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2017217661  
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) The Rockefeller University; California Institute of Technology  
 (11) AU-A-2019201039  
 (21) 2019201039 (22) 14.02.2019  
 (54) BROADLY-NEUTRALIZING ANTI-HIV ANTIBODIES  
 (51) Int. Cl.  
*A61P 31/18* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2013331049  
 (72) Mouquet, Hugo; Nussenzweig, Michel; Bjorkman, Pamela J.; Scharff, Louise  
 (74) Peter Maxwell & Associates
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- The Scripps Research Institute see Mindera Corporation**  
 (21) 2019201136
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- (71) The Trustees of The University of Pennsylvania; University of Pittsburgh - of the Commonwealth System of Higher Education; Novartis AG  
 (11) AU-A-2019201075  
 (21) 2019201075 (22) 15.02.2019  
 (54) Treatment of cancer using humanized anti-EGFRVIII chimeric antigen receptor  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )
- (43) 07.03.2019  
 (62) 2014218976  
 (72) Brogdon, Jennifer; Johnson, Laura Alexandra; June, Carl H.; Loew, Andreas; Maus, Marcela; Scholler, John; Okada, Hideho  
 (74) Davies Collison Cave Pty Ltd
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- (71) The University of Queensland  
 (11) AU-A-2019201090  
 (21) 2019201090 (22) 15.02.2019  
 (54) Separator  
 (51) Int. Cl.  
*B01D 15/00* ( 2006.01 )  
*B01D 24/00* ( 2006.01 )  
*B01D 29/00* ( 2006.01 )  
*B01D 37/00* ( 2006.01 )  
*B01D 39/00* ( 2006.01 )

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**B01D 43/00** ( 2006.01 )  
**B01D 61/00** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014360673  
**(72)** Malekizadeh, Ali; Schenk, Peer Martin Philipp  
**(74)** Spruson & Ferguson

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**(71)** Thru Tubing Solutions, Inc.  
**(11)** AU-A-2019201177  
**(21)** 2019201177 **(22)** 20.02.2019  
**(54)** FLOW CONTROL IN SUBTERRANEAN WELLS  
**(51)** Int. Cl.  
**E21B 33/13** ( 2006.01 )  
**E21B 47/10** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2015393421  
**(72)** SCHULTZ, Roger L.; WATSON, Brock W.; FUNKHOUSER, Gary P.; FERGUSON, Andrew M.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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**(71)** TRACTO-TECHNIK GmbH & Co. KG  
**(11)** AU-A-2018217302  
**(21)** 2018217302 **(22)** 17.08.2018  
**(54)** METHOD FOR DETERMINING WEAR ON A LINKAGE OF A GROUND DRILLING DEVICE  
**(51)** Int. Cl.  
**E21B 47/00** ( 2012.01 )  
**E21B 47/01** ( 2012.01 )  
**(31)** 10 2017 118 853.3 **(32)** 18.08.17 **(33)** DE  
**(43)** 07.03.2019  
**(72)** Fischer, Sebastian  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Trufit Bearing Housings Pty Ltd  
**(11)** AU-A-2018217259  
**(21)** 2018217259 **(22)** 15.08.2018  
**(54)** Cover Assembly for a Bearing Housing  
**(51)** Int. Cl.  
**F16C 33/72** ( 2006.01 )  
**(31)** 2017903269 **(32)** 15.08.17 **(33)** AU  
**(43)** 07.03.2019  
**(72)** Hristovski, Borce  
**(74)** LESICAR MAYNARD ANDREWS PTY LTD

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**(71)** Truth Hardware Corporation  
**(11)** AU-A-2018220017  
**(21)** 2018220017 **(22)** 21.08.2018  
**(54)** Integrated casement window operator and lock with anti-backdrive feature  
**(51)** Int. Cl.  
**E05F 11/14** ( 2006.01 )  
**E05B 65/06** ( 2006.01 )  
**E05C 1/12** ( 2006.01 )  
**E05C 9/12** ( 2006.01 )  
**E05C 17/04** ( 2006.01 )  
**E05F 11/10** ( 2006.01 )  
**(31)** 62/660,135 **(32)** 19.04.18 **(33)** US  
 62/548,260 21.08.17 US

**(43)** 07.03.2019  
**(72)** WOLF, Glen M.; VETTER, Gregory J.; NOLTE, Douglas A.; PENNAZ, Zach  
**(74)** Spruson & Ferguson

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**University of Pittsburgh - of the Commonwealth System of Higher Education see The Trustees of The University of Pennsylvania**  
**(21)** 2019201075

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**(71)** UWIS Oy  
**(11)** AU-A-2019201154  
**(21)** 2019201154 **(22)** 19.02.2019  
**(54)** UNDERWATER TRACKING SYSTEM  
**(51)** Int. Cl.  
**G01S 5/30** ( 2006.01 )  
**B63B 22/00** ( 2006.01 )  
**B63C 11/02** ( 2006.01 )  
**G01S 1/72** ( 2006.01 )  
**G08C 21/00** ( 2006.01 )  
**H04B 11/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2014336012  
**(72)** Jukkala, Esko  
**(74)** Ahearn Fox

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**(71)** Vaxxas Pty Limited  
**(11)** AU-A-2019201051  
**(21)** 2019201051 **(22)** 14.02.2019  
**(54)** DELIVERY DEVICE  
**(51)** Int. Cl.  
**A61B 17/20** ( 2006.01 )  
**A61M 35/00** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2017204622  
**(72)** KENDALL, Mark Anthony Fernance; MELIGA, Stefano; DEPELSENAIRE, Alexandra Christina; CHRICHTON, Michael Lawrence; FLAIM, Christopher  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** VEMAG Maschinenbau GmbH  
**(11)** AU-A-2018216882  
**(21)** 2018216882 **(22)** 13.08.2018  
**(54)** Apparatus for orienting sausages  
**(51)** Int. Cl.  
**A22C 11/00** ( 2006.01 )  
**B65G 47/24** ( 2006.01 )  
**(31)** 202017104924.8 **(32)** 16.08.17 **(33)** DE  
**(43)** 07.03.2019  
**(72)** MEININGER, Thorsten; GREIF, Norman; BRECHT, Oliver; SCHARNINGHAUSEN, Gerd  
**(74)** Spruson & Ferguson

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**(71)** Ventana Medical Systems, Inc.  
**(11)** AU-A-2019201130  
**(21)** 2019201130 **(22)** 18.02.2019  
**(54)** Automated coverslipper and methods of use  
**(51)** Int. Cl.  
**G02B 21/34** ( 2006.01 )

**(43)** 07.03.2019  
**(62)** 2015286843  
**(72)** EWONIUK, Aaron Michael; HASSEN, Charles Nathan; MENSAH, Michael; RIVAS, Logan; SNYDER, Duwayne Dennis; STUMPE, Kenneth Eugene; THOMPSON, Michael  
**(74)** Spruson & Ferguson

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**(71)** Vibrant Holdings, LLC  
**(11)** AU-A-2019200921  
**(21)** 2019200921 **(22)** 08.02.2019  
**(54)** Peptide microarrays and novel biomarkers for celiac disease  
**(51)** Int. Cl.  
**C40B 30/04** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )  
**C40B 40/10** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(43)** 07.03.2019  
**(62)** 2015314934  
**(72)** Rajasekaran, John J.; Jayaraman, Vasanth; Bei, Kang; Wang, Tianhao; Krishna, Karthik; Krishnamurthy, Hari Krishnan  
**(74)** FB Rice Pty Ltd

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**(71)** Visa International Service Association  
**(11)** AU-A-2019201056  
**(21)** 2019201056 **(22)** 14.02.2019  
**(54)** SYSTEMS AND METHODS FOR INTEROPERABLE NETWORK TOKEN PROCESSING  
**(51)** Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**(43)** 07.03.2019  
**(62)** 2014292980  
**(72)** Dill, Matthew; Laxminarayanan, Prasanna; Powell, Glenn; Sheets, John; Carpenter, Andrew; Tait, Paul  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Zhang, Y.  
**(11)** AU-A-2018286565  
**(21)** 2018286565 **(22)** 08.08.2018  
**(54)** Vertical lifting type comprehensive drum coal-mining machine without rocker arm  
**(51)** Int. Cl.  
**E21C 25/06** ( 2006.01 )  
**(31)** 201710685801.X **(32)** 08.08.17 **(33)** CN  
**(43)** 07.03.2019  
**(72)** Zhang, Yimin; Lu, Wenjia; Zhao, Yanhui; Zhang, Jinrui; Zhu, Lisha; Lv, Hangyuan; Tan, Xuefei; Yao, Guo; Yang, Zhou  
**(74)** Shelston IP Pty Ltd.

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**(21)** 2019201172

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<b>2017216501</b>	Sci-Chem International Pty Ltd	<b>2019201027</b>	Fisher & Paykel Healthcare Limited
<b>2017216572</b>	Dragontail Systems Ltd.	<b>2019201030</b>	Aristocrat Technologies Australia Pty Limited
<b>2017216599</b>	Dammers, A.	<b>2019201034</b>	Animas Corporation
<b>2017216600</b>	Global Esprit Inc.	<b>2019201035</b>	PROMEGA CORPORATION
<b>2017232154</b>	Aymroo Pty Ltd	<b>2019201036</b>	Graco Minnesota Inc.
<b>2017245386</b>	Protek Cargo, Inc.	<b>2019201039</b>	The Rockefeller University; California Institute of Technology
<b>2017415084</b>	Avent, Inc.	<b>2019201041</b>	Evolution Engineering Inc.
<b>2017417166</b>	Avent, Inc.	<b>2019201043</b>	Prince Lionheart, Inc.
<b>2018200330</b>	Seowon University Institute of Industry-Academy Collaboration	<b>2019201044</b>	CRISI Medical Systems, Inc.
<b>2018201487</b>	Tata Consultancy Services Limited	<b>2019201045</b>	Intersect ENT, Inc.
<b>2018201869</b>	LG Electronics Inc.	<b>2019201046</b>	Becton, Dickinson and Company
<b>2018203946</b>	Adobe Systems Incorporated	<b>2019201048</b>	Murray and Poole Enterprises Limited
<b>2018203947</b>	Adobe Systems Incorporated	<b>2019201049</b>	GE Global Sourcing LLC
<b>2018204220</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201050</b>	Electrocore LLC
<b>2018204641</b>	Schneider Electric (Australia) Pty Limited	<b>2019201051</b>	Vaxxas Pty Limited
<b>2018204743</b>	Schneider Electric (Australia) Pty Limited	<b>2019201052</b>	Gen9, Inc.
<b>2018205145</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	<b>2019201054</b>	CRISI Medical Systems, Inc.
<b>2018211264</b>	Caterpillar Inc.	<b>2019201055</b>	Avery Dennison Corporation
<b>2018211318</b>	Biosense Webster (Israel) Ltd.	<b>2019201056</b>	Visa International Service Association
<b>2018211320</b>	Biosense Webster (Israel) Ltd.	<b>2019201058</b>	Optis Cellular Technology, LLC
<b>2018211322</b>	Biosense Webster (Israel) Ltd.	<b>2019201060</b>	AMO Development, LLC
<b>2018213961</b>	Nelson Irrigation Corporation	<b>2019201062</b>	Huawei Technologies Co., Ltd.
<b>2018214070</b>	Joy Global Underground Mining LLC	<b>2019201063</b>	Nortek Air Solutions Canada, Inc.
<b>2018214093</b>	IGT	<b>2019201065</b>	Apple Inc.
<b>2018216882</b>	VEMAG Maschinenbau GmbH	<b>2019201066</b>	SomaLogic, Inc.
<b>2018217200</b>	Hodge Products, Inc.	<b>2019201067</b>	Hunter Douglas Inc.
<b>2018217220</b>	Daon Holdings Limited	<b>2019201070</b>	Novoluto GmbH
<b>2018217222</b>	CP Packaging, Inc.	<b>2019201071</b>	Qualcomm Incorporated
<b>2018217232</b>	Pangang Group Panzihua Iron & Steel Research Institute Co., Ltd.	<b>2019201072</b>	Cidara Therapeutics, Inc.
<b>2018217238</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	<b>2019201073</b>	3M Innovative Properties Company
<b>2018217259</b>	Trufit Bearing Housings Pty Ltd	<b>2019201074</b>	Sensormatic Electronics LLC
<b>2018217298</b>	Dometic Sweden AB; Mobicool Electronic (Zhuhai) Co., Ltd	<b>2019201075</b>	The Trustees of The University of Pennsylvania; University of Pittsburgh - of the Commonwealth System of Higher Education; Novartis AG
<b>2018217301</b>	Ishida Co., Ltd.	<b>2019201076</b>	Flomax International, Inc.
<b>2018217302</b>	TRACTO-TECHNIK GmbH & Co. KG	<b>2019201077</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2018217317</b>	CiiLOCK Engineering Pty Ltd	<b>2019201078</b>	Snap-on Incorporated
<b>2018217326</b>	Celton Holdings Pty Ltd	<b>2019201079</b>	HRO Holdings Pty Ltd
<b>2018217327</b>	Dometic Sweden AB	<b>2019201080</b>	Qualcomm Incorporated
<b>2018219965</b>	LG Electronics Inc.	<b>2019201081</b>	The NOCO Company
<b>2018219975</b>	CSR Building Products Limited	<b>2019201084</b>	Brien Holden Vision Institute
<b>2018220017</b>	Truth Hardware Corporation	<b>2019201086</b>	Nuovo Pignone Srl
<b>2018229461</b>	Funeral Service Workers Academy, Inc.	<b>2019201087</b>	Cilag GmbH International
<b>2018250387</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2019201088</b>	Oculeve, Inc.
<b>2018256558</b>	Donovan Group NZ Limited; Donovan, B.N.; McCollum, K.	<b>2019201090</b>	The University of Queensland
<b>2018286562</b>	BEDFORD INDUSTRIES, INC.	<b>2019201092</b>	Aristocrat Technologies Australia Pty Limited
<b>2018286565</b>	Zhang, Y.	<b>2019201093</b>	Tata Steel Limited
<b>2018316354</b>	Granular Products Assets Pty Ltd	<b>2019201094</b>	Techtronic Industries Company Limited
<b>2019200860</b>	Clarus Technologies Pty Ltd	<b>2019201095</b>	Dejero Labs Inc.
<b>2019200921</b>	Vibrant Holdings, LLC	<b>2019201096</b>	Covidien LP
<b>2019200993</b>	Baxalta Incorporated; Baxalta GmbH	<b>2019201097</b>	Illinois Tool Works Inc.
<b>2019201000</b>	National University of Singapore	<b>2019201098</b>	Sony Corporation
<b>2019201004</b>	Covidien LP	<b>2019201099</b>	LMK Technologies, LLC
<b>2019201006</b>	Ethicon, Inc.	<b>2019201100</b>	ServiceNow, Inc.
<b>2019201007</b>	Pieris Pharmaceuticals GmbH	<b>2019201102</b>	Freestyle Technology Limited
<b>2019201008</b>	Rani Therapeutics, LLC	<b>2019201104</b>	Board of Regents, The University of Texas System
<b>2019201009</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201107</b>	Aristocrat Technologies Australia Pty Limited
<b>2019201011</b>	Ionis Pharmaceuticals, Inc.	<b>2019201109</b>	Aristocrat Technologies Australia Pty Limited
<b>2019201017</b>	Husqvarna AB	<b>2019201111</b>	Boston Scientific Scimed, Inc.
<b>2019201019</b>	INFICON GmbH	<b>2019201114</b>	CFPH, LLC
<b>2019201020</b>	Detnet South Africa (Pty) Ltd	<b>2019201115</b>	Boston Scientific Scimed, Inc.
<b>2019201022</b>	OneSteel Reinforcing Pty Ltd	<b>2019201116</b>	Production Plus Energy Services Inc.
<b>2019201023</b>	Chomley Consulting Pty. Ltd	<b>2019201118</b>	Cantor Index LLC
		<b>2019201123</b>	Fuji Xerox Co., Ltd.
		<b>2019201126</b>	CFPH, LLC
		<b>2019201127</b>	The Johns Hopkins University
		<b>2019201128</b>	Becton, Dickinson and Company

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2019201130	Ventana Medical Systems, Inc.
2019201131	GlaxoSmithKline Biologicals s.a.
2019201132	Accenture Global Solutions Limited
2019201133	PT. obm Drilchem
2019201134	22nd Century Limited, LLC
2019201135	Ab Initio Technology LLC
2019201136	Mindera Corporation; The Scripps Research Institute
2019201140	Aristocrat Technologies Australia Pty Limited
2019201142	Accenture Global Solutions Limited
2019201146	Globaltech Corporation Pty Ltd
2019201147	Butterfly Network, Inc.
2019201148	Northrop Grumman Systems Corporation
2019201149	Accenture Global Solutions Limited
2019201154	UWIS Oy
2019201156	Ecolab USA Inc.
2019201158	Colgate-Palmolive Company
2019201161	Hydrus Technology Pty. Ltd.
2019201162	Melbourne Timber Manufacturing Pty Ltd
2019201166	Kimberly-Clark Worldwide, Inc.
2019201169	Novartis AG
2019201171	Aristocrat Technologies Australia Pty Limited
2019201172	Direct Corporation; Zogenix, Inc.
2019201173	BicycleRD Limited
2019201174	Teleflex Life Sciences
2019201177	Thru Tubing Solutions, Inc.
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2019201179	Agios Pharmaceuticals, Inc.

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. (\*) Title not in Roman characters

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

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(54) CONVEYOR MODULE, CONVEYOR ASSEMBLY, AND METHOD OF INSTALLING A CONVEYOR ASSEMBLY

(51) Int. Cl.

**B65G 15/30** ( 2006.01 )

**B65G 21/06** ( 2006.01 )

**B65G 21/14** ( 2006.01 )

**E21F 13/08** ( 2006.01 )

(45) 07.03.2019

(62) PCT/AU2017/051233

(72) MUNDAY, Bill; PERRAM, Tony; NOVAK, David; FRANKLIN, Dean

(74) Halfords IP

(71) Nianah Pty Ltd

(11) AU-A-2019100124

(21) 2019100124 (22) 05.02.2019

(54) Camper Trailer

(51) Int. Cl.

**B60P 3/34** ( 2006.01 )

(45) 07.03.2019

(62) 2017100225

(72) East, Shaun Alan; Harrison, Timothy John

(74) IP& Pty Ltd

(71) Plant IP Pty Ltd

(11) AU-A-2019100052

(21) 2019100052 (22) 17.01.2019

(54) Flat-packable storage unit

(51) Int. Cl.

**B60P 11/06** ( 2006.01 )

**B65D 6/24** ( 2006.01 )

**F16B 12/26** ( 2006.01 )

(45) 07.03.2019

(62) PCT/AU2017/050742

(72) Plant, Gary Raymond

(74) FPA Patent Attorneys Pty Ltd

(71) PNP CONCEPTS PTY LTD

(11) AU-A-2019100070

(21) 2019100070 (22) 22.01.2019

(54) An enhanced visibility glove

(51) Int. Cl.

**A41D 19/015** ( 2006.01 )

**A41D 13/01** ( 2006.01 )

(45) 07.03.2019

(62) 2017268553

(72) McEwen, Peter

(74) Spruson & Ferguson

(71) Qiao Song Technology Co., Ltd; Wei Long Metals Co., Ltd

(11) AU-A-2019100083

(21) 2019100083 (22) 25.01.2019

(54) Grid Structure

(51) Int. Cl.

**E04F 10/08** ( 2006.01 )

**E06B 9/24** ( 2006.01 )

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(45) 07.03.2019  
 (72) CHANG, Chen-Yi; CHIU, Shih-Tsung  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) RKC Holdings Pty Ltd  
 (11) AU-A-2019100101  
 (21) 2019100101 (22) 30.01.2019  
 (54) AIRBAG SUSPENSION ASSEMBLY  
 (51) Int. Cl.  
     **B60G 15/14** ( 2006.01 )  
     **F16F 9/04** ( 2006.01 )  
     **F16F 9/32** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Li, Patrick  
 (74) Michael Buck IP

(71) Saini, D.; Narasimha, A.  
 (11) AU-A-2019100098  
 (21) 2019100098 (22) 30.01.2019  
 (54) LPD Cartridge Nasal Filter  
 (51) Int. Cl.  
     **A62B 23/06** ( 2006.01 )  
     **A62B 9/06** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Saini, Davinder Kumar; Narasimha, Aadarsh  
 (74) Davinder Kumar Saini

(71) SKYTENT PTY LTD  
 (11) AU-A-2019100122  
 (21) 2019100122 (22) 06.02.2019  
 (54) A TENT EASY TO PITCH AND STRIKE  
 (51) Int. Cl.  
     **E04H 15/64** ( 2006.01 )  
     **E04B 1/343** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Tom, Hancock  
 (74) SKYTENT PTY LTD

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 (11) AU-A-2019100123  
 (21) 2019100123 (22) 06.02.2019  
 (54) AN ELECTRICAL TRUNKING FOR TENTS  
 (51) Int. Cl.  
     **E04H 15/32** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Hancock, Tom  
 (74) SKYTENT PTY LTD

(71) TANGSHAN HARBIN SHIP TECHNOLOGY CO., LTD.  
 (11) AU-A-2019100108  
 (21) 2019100108 (22) 01.02.2019  
 (54) A WATER SAMPLE COLLECTING DEVICE AND METHOD IN MARINE SCIENTIFIC RESEARCH  
 (51) Int. Cl.  
     **G01N 1/10** ( 2006.01 )  
 (31) PCT/ (32) 26.09.18 (33) CN  
 CN2018/107696

(45) 07.03.2019  
 (72) LIU, HAOYUAN; ZHENG, RUIYUN; SUN, LIJING; TIAN, BINGQI; WU, JIN- QIU  
 (74) IP& Pty Ltd

(71) The Lumen Effect Pty Ltd  
 (11) AU-A-2019100121  
 (21) 2019100121 (22) 05.02.2019  
 (54) A MOUNTING SYSTEM  
 (51) Int. Cl.  
     **E04H 4/14** ( 2006.01 )  
     **F16B 2/20** ( 2006.01 )  
 (45) 07.03.2019  
 (72) LINKE, Kai  
 (74) Griffith Hack

(71) Tianjin Research Institute for Water Transport Engineering, M.O.T.  
 (11) AU-A-2019100106  
 (21) 2019100106 (22) 01.02.2019  
 (54) Wireless charging technology-based rubber tyre gantry crane power supply system  
 (51) Int. Cl.  
     **B60L 53/10** ( 2019.01 )  
     **B60L 8/00** ( 2006.01 )  
     **B60L 53/30** ( 2019.01 )  
     **B60L 53/50** ( 2019.01 )  
     **B66C 13/22** ( 2006.01 )  
     **B66C 23/40** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Peng, Shitao  
 (74) Shelston IP Pty Ltd.

(71) Tsindos, S.  
 (11) AU-A-2019100088  
 (21) 2019100088 (22) 27.01.2019  
 (54) A software application that measures the level of sentiment in commentary through analysis of key words and associated descriptors applying a total score to each comment and an individual score for each key word.  
 (51) Int. Cl.  
     **G06F 17/20** ( 2006.01 )  
     **G06Q 30/02** ( 2012.01 )  
 (31) 2018900252 (32) 27.01.18 (33) AU  
 (45) 07.03.2019  
 (72) Tsindos, Spero Perry  
 (74) Spero Perry Tsindos

(71) Vesper, S.  
 (11) AU-A-2019100111  
 (21) 2019100111 (22) 03.02.2019  
 (54) Multiple Senses Levelling Device  
 (51) Int. Cl.  
     **G01C 15/10** ( 2006.01 )  
 (45) 07.03.2019  
 (72) Vesper, Scott James  
 (74) Scott James Vesper

(71) Voropaev, I.  
 (11) AU-A-2019100068  
 (21) 2019100068 (22) 22.01.2019

(54) 3 The disclosed method of operation is a cycle which creates propulsion. This propulsion is a result of interactions of masses. Unlike a rocket engine, the Propellantless Drive (PD) creates propulsion without the expulsion of an exhaust fluid. All mass remains inside the PD.  
 (51) Int. Cl.  
     **F03G 3/00** ( 2006.01 )  
     **B64G 1/40** ( 2006.01 )  
     **F03G 7/10** ( 2006.01 )  
     **F03H 99/00** ( 2009.01 )  
 (45) 07.03.2019  
 (72) Voropaev, Ivan  
 (74) Ivan Voropaev

**Wei Long Metals Co., Ltd see Qiao Song Technology Co., Ltd**  
 (21) 2019100083

(71) WISEnut, Inc.  
 (11) AU-A-2019100084  
 (21) 2019100084 (22) 25.01.2019  
 (54) System and method for transmitting adaptive text stream data in network environment  
 (51) Int. Cl.  
     **G06F 17/21** ( 2006.01 )  
     **H03M 7/30** ( 2006.01 )  
     **H04N 1/41** ( 2006.01 )  
 (31) 10-2018-0166098 (32) 20.12.18 (33) KR  
 (45) 07.03.2019  
 (72) LEE, Jongho; CHAE, Hwajong  
 (74) FB Rice Pty Ltd

**ZHAO, Y. see LIU, J.**  
 (21) 2019100035

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<b>2019100038</b>	JSOC AUS PTY LTD
<b>2019100041</b>	Hall, B.
<b>2019100052</b>	Plant IP Pty Ltd
<b>2019100061</b>	Nepean Conveyors Pty Ltd
<b>2019100068</b>	Voropaev, I.
<b>2019100070</b>	PNP CONCEPTS PTY LTD
<b>2019100083</b>	Qiao Song Technology Co., Ltd; Wei Long Metals Co., Ltd
<b>2019100084</b>	WISEnut, Inc.
<b>2019100088</b>	Tsindos, S.
<b>2019100089</b>	AUSTRALIAN SCIENCES PTY LTD
<b>2019100090</b>	Li, Z.H.
<b>2019100091</b>	HUANG, W.
<b>2019100094</b>	Crown Melbourne Limited
<b>2019100095</b>	Bailey, N.; Bartlam, S.
<b>2019100096</b>	CONTINENTAL PACKAGING (THAILAND) CO., LTD.
<b>2019100098</b>	Saini, D.; Narasimha, A.
<b>2019100101</b>	RKC Holdings Pty Ltd
<b>2019100103</b>	Message 4U Pty Limited
<b>2019100106</b>	Tianjin Research Institute for Water Transport Engineering, M.O.T.
<b>2019100108</b>	TANGSHAN HARBIN SHIP TECHNOLOGY CO., LTD.
<b>2019100109</b>	Digihealth Innovations Pty. Ltd.
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<b>2019100112</b>	HumAlnify
<b>2019100113</b>	Henan Normal University
<b>2019100114</b>	Arch Wood Protection Pty Ltd
<b>2019100115</b>	Huang, Z.
<b>2019100118</b>	Message 4U Pty Limited
<b>2019100119</b>	4TEL PTY LTD
<b>2019100120</b>	Maxsun (Dalian) Co., Ltd
<b>2019100121</b>	The Lumen Effect Pty Ltd
<b>2019100122</b>	SKYTENT PTY LTD
<b>2019100123</b>	SKYTENT PTY LTD
<b>2019100124</b>	Nianah Pty Ltd

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2019100114	2019100094	2019100106	2019100111	2019100084
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2019100070	2019100090	2019100114	2018102080	
<b><u>A41D 19 /-</u></b>	<b><u>B27K 3 /-</u></b>	<b><u>E04B 1 /-</u></b>	2019100084	
2019100070	2019100114	2019100122	2019100088	
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<b><u>A45C 7 /-</u></b>	<b><u>B31F 5 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>G06Q 10 /-</u></b>	
2019100041	2019100096	2019100122	2018102080	
<b><u>A45F 3 /-</u></b>	<b><u>B60G 15 /-</u></b>	2019100123	2019100038	
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2019100095	2019100106	<b><u>E06B 9 /-</u></b>	2019100088	
<b><u>A47J 37 /-</u></b>	<b><u>B60L 8 /-</u></b>	2019100083	<b><u>G06Q 50 /-</u></b>	
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<b><u>A61B 5 /-</u></b>	<b><u>B60P 3 /-</u></b>	2019100061	2019100118	
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<b><u>A61K 35 /-</u></b>	<b><u>B60R 11 /-</u></b>	2019100068	2019100113	
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<b><u>A61K 38 /-</u></b>	<b><u>B61L 23 /-</u></b>	2019100068	<b><u>G16H 10 /-</u></b>	
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<b><u>A61P 31 /-</u></b>	<b><u>B65D 6 /-</u></b>	2019100121	<b><u>H04L 12 /-</u></b>	
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		2019100090		

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

<p>(71) 4 Ken Pty Ltd (11) AU-A-2017294799 (21) 2017294799 (22) 14.07.2017 (54) Safety barrier system for buildings (51) Int. Cl. E04G 21/32 ( 2006.01 )</p> <p>(87) WO2018/009984 (31) 2016902795 (32) 15.07.16 (33) AU (43) 18.01.2018 (72) Cox, Kenneth Alan (74) Shelston IP Pty Ltd.</p>	<p>(31) 62/395,088 (32) 15.09.16 (33) US (43) 22.03.2018 (72) Rajasekhar Suragani, Naga Venkata Sai; Grinberg, Asya; Saka, Dianne (74) Shelston IP Pty Ltd.</p>	<p>(54) Topical regional neuro-affective therapy with caryophyllene (51) Int. Cl. A61K 8/31 ( 2006.01 ) A61K 9/00 ( 2006.01 ) A61K 9/06 ( 2006.01 ) A61K 31/00 ( 2006.01 ) A61K 31/015 ( 2006.01 ) A61K 36/18 ( 2006.01 )</p>
<p>(87) WO2018/009984 (31) 2016902795 (32) 15.07.16 (33) AU (43) 18.01.2018 (72) Cox, Kenneth Alan (74) Shelston IP Pty Ltd.</p>	<p>(71) Adare Pharmaceuticals, Inc. (11) AU-A-2017312660 (21) 2017312660 (22) 18.08.2017 (54) Methods of treating eosinophilic esophagitis (51) Int. Cl. A61K 31/56 ( 2006.01 ) A61K 9/20 ( 2006.01 )</p>	<p>(87) WO2018/035212 (31) 15/238,118 (32) 16.08.16 (33) US (43) 22.02.2018 (72) Aung-Din, Ronald (74) Griffith Hack</p>
<p>(71) 8 Rivers Capital, LLC (11) AU-A-2017318652 (21) 2017318652 (22) 29.08.2017 (54) Cryogenic air separation method for producing oxygen at high pressures (51) Int. Cl. F25J 3/04 ( 2006.01 ) F01K 13/00 ( 2006.01 ) F01K 25/10 ( 2006.01 ) F02C 3/22 ( 2006.01 ) F02C 3/34 ( 2006.01 ) F22B 35/12 ( 2006.01 ) F23L 7/00 ( 2006.01 )</p> <p>(87) WO2018/042336 (31) 62/381,325 (32) 30.08.16 (33) US (43) 08.03.2018 (72) Allam, Rodney John (74) Spruson &amp; Ferguson</p>	<p>(87) WO2018/035393 (31) 62/376,703 (32) 18.08.16 (33) US 62/461,317 21.02.17 US 62/489,292 24.04.17 US (43) 22.02.2018 (72) Meltzer, Brian; Comer, Gail (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Afterpay Pty Ltd (11) AU-A-2017295314 (21) 2017295314 (22) 13.07.2017 (54) Payment system (51) Int. Cl. G06Q 40/02 ( 2012.01 ) G06K 19/06 ( 2006.01 ) G06Q 20/20 ( 2012.01 ) G06Q 20/32 ( 2012.01 )</p>
<p>(87) WO2018/042336 (31) 62/381,325 (32) 30.08.16 (33) US (43) 08.03.2018 (72) Allam, Rodney John (74) Spruson &amp; Ferguson</p>	<p>(71) Aerase, Inc. (11) AU-A-2017310541 (21) 2017310541 (22) 08.09.2017 (54) Compositions and methods for treating cancer with arginine depletion and immuno oncology agents (51) Int. Cl. C07K 19/00 ( 2006.01 ) A61K 38/43 ( 2006.01 ) A61K 39/395 ( 2006.01 ) A61P 35/00 ( 2006.01 )</p>	<p>(87) WO2018/009977 (31) 2016902755 (32) 13.07.16 (33) AU (43) 18.01.2018 (72) Molnar, Nicholas; Whiteman, David (74) FB Rice Pty Ltd</p>
<p>(71) ABS Materials, Inc. (11) AU-A-2017299679 (21) 2017299679 (22) 20.07.2017 (54) Treatment and regeneration system and method for extracting organic solutes from-water (51) Int. Cl. C02F 1/28 ( 2006.01 ) B01J 20/34 ( 2006.01 ) C02F 101/32 ( 2006.01 )</p> <p>(87) WO2018/017795 (31) 62/364,411 (32) 20.07.16 (33) US (43) 25.01.2018 (72) Ortiz, Patricio A.; Johnson, Glenn C.; Edmiston, Paul L.; Jolly, Stephen (74) Peter Maxwell &amp; Associates</p>	<p>(87) WO2018/032020 (31) 62/524,286 (32) 23.06.17 (33) US 62/372,092 08.08.16 US (43) 15.02.2018 (72) Lowe, David; Rowlinson, Scott W.; Al-TERS, Susan; Agnello, Giulia (74) Griffith Hack</p>	<p>(71) AI Therapeutics, Inc. (11) AU-A-2017316475 (21) 2017316475 (22) 17.08.2017 (54) Compositions comprising PIKfyve inhibitors and methods related to inhibition of rank signaling (51) Int. Cl. A61K 45/06 ( 2006.01 ) A61K 31/5377 ( 2006.01 ) A61P 19/00 ( 2006.01 ) A61P 19/02 ( 2006.01 ) A61P 19/08 ( 2006.01 ) A61P 19/10 ( 2006.01 ) A61P 35/04 ( 2006.01 )</p>
<p>(87) WO2018/017795 (31) 62/364,411 (32) 20.07.16 (33) US (43) 25.01.2018 (72) Ortiz, Patricio A.; Johnson, Glenn C.; Edmiston, Paul L.; Jolly, Stephen (74) Peter Maxwell &amp; Associates</p>	<p>(71) Aerie Pharmaceuticals, Inc. (11) AU-A-2017319520 (21) 2017319520 (22) 30.08.2017 (54) Ophthalmic compositions (51) Int. Cl. A61K 31/00 ( 2006.01 )</p>	<p>(87) WO2018/039022 (31) 62/379,330 (32) 25.08.16 (33) US (43) 01.03.2018 (72) Gayle, Sophia; Rothberg, Jonathan M.; Lichenstein, Henri (74) Spruson &amp; Ferguson</p>
<p>(71) Acceleron Pharma Inc. (11) AU-A-2017325973 (21) 2017325973 (22) 15.09.2017 (54) Twisted gastrulation polypeptides and uses thereof (51) Int. Cl. C07K 19/00 ( 2006.01 ) A61K 38/19 ( 2006.01 ) A61P 7/06 ( 2006.01 ) C07K 14/52 ( 2006.01 )</p> <p>(87) WO2018/053234</p>	<p>(87) WO2018/045091 (31) 62/382,237 (32) 31.08.16 (33) US (43) 08.03.2018 (72) Lin, Cheng-Wen; Kopczynski, Casey; Delong, Mitchell A.; Sturdivant, Jill M.; Krishnamoorthy, Ramesh (74) K&amp;L Gates</p>	<p>(71) Akouos, Inc.; Georg-August-Universitat Gottingen Stiftung Offentlichen Rechts, Universitatsmedizin represented by Board (11) AU-A-2017315679 (21) 2017315679 (22) 23.08.2017 (54) Compositions and methods for treating non-age-associated hearing impairment in a human subject (51) Int. Cl.</p>

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- C12N 15/85** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 15/65** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2018/039375  
**(31)** 62/494,866 **(32)** 23.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Simons, Emmanuel John; Reisinger, Ellen  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Akzo Nobel Coatings International B.V.  
**(11)** AU-A-2017326514  
**(21)** 2017326514 **(22)** 14.09.2017  
**(54)** A hybrid polyester-fluorocarbon powder coating composition and a method for coating a substrate with such composition  
**(51)** Int. Cl.  
**C08G 18/62** ( 2006.01 )  
**C08G 18/42** ( 2006.01 )  
**C08G 18/80** ( 2006.01 )  
**C09D 127/12** ( 2006.01 )  
**C09D 167/00** ( 2006.01 )  
**(87)** WO2018/050774  
**(31)** CN2016/099199 **(32)** 18.09.16 **(33)** CN  
 16195847.5 26.10.16 EP  
**(43)** 22.03.2018  
**(72)** Tao, Yanling; Wang, Xiaodong; Jiang, Wei  
**(74)** Spruson & Ferguson
- 
- (71)** Allergan, Inc.  
**(11)** AU-A-2017318572  
**(21)** 2017318572 **(22)** 30.08.2017  
**(54)** Method of manufacturing coated beads  
**(51)** Int. Cl.  
**B01J 13/12** ( 2006.01 )  
**(87)** WO2018/045103  
**(31)** 62/381,352 **(32)** 30.08.16 **(33)** US  
 62/403,465 03.10.16 US  
**(43)** 08.03.2018  
**(72)** Schuessler, David; Torjesen, Erik; Flores-Pujol, Alberto; Miller, Matthew B.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Allflex Europe  
**(11)** AU-A-2017303135  
**(21)** 2017303135 **(22)** 11.07.2017  
**(54)** Female part of an animal identification device comprising an element for locking the male part inside the female part  
**(51)** Int. Cl.  
**A01K 11/00** ( 2006.01 )  
**(87)** WO2018/019571  
**(31)** 1657216 **(32)** 27.07.16 **(33)** FR  
**(43)** 01.02.2018  
**(72)** Decaluwe, Johan; Hilpert, Jean-Jacques; Destoumieux, Jean-Jacques; Teychene, Bruno  
**(74)** Ellis Terry
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- (71)** Almarode, M.  
**(11)** AU-A-2017311485  
**(21)** 2017311485 **(22)** 10.08.2017
- 
- (54)** Compositions and methods for treating and preventing skin conditions  
**(51)** Int. Cl.  
**A61K 36/11** ( 2006.01 )  
**(87)** WO2018/031783  
**(31)** 62/373,921 **(32)** 11.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Almarode, Marshall Ollie  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** Amabiotics  
**(11)** AU-A-2017317651  
**(21)** 2017317651 **(22)** 30.08.2017  
**(54)** Compounds for treating diseases associated with a mitochondrial dysfunction  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
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**(31)** 16306094.0 **(32)** 30.08.16 **(33)** EP  
**(43)** 08.03.2018  
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**(74)** Golja Haines & Friend
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**(21)** 2017318183 **(22)** 30.08.2017  
**(54)** Blister pack  
**(51)** Int. Cl.  
**B65D 75/32** ( 2006.01 )  
**B65D 81/32** ( 2006.01 )  
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**(31)** 16020318.8 **(32)** 30.08.16 **(33)** EP  
**(43)** 08.03.2018  
**(72)** Hermann, Simone; Claessens, Peter; Perez, Anna  
**(74)** Alder IP Pty Ltd
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**(54)** Video trigger synchronization for improved particle detection in a vessel  
**(51)** Int. Cl.  
**G01N 15/14** ( 2006.01 )  
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**(43)** 08.03.2018  
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**(74)** Phillips Ormonde Fitzpatrick
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**(11)** AU-A-2017298574  
**(21)** 2017298574 **(22)** 22.06.2017  
**(54)** Apparatus and method for attaching signs to foundation members such as road barriers  
**(51)** Int. Cl.  
**E01F 9/673** ( 2016.01 )  
**E01F 9/669** ( 2016.01 )  
**F16M 13/02** ( 2006.01 )  
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**(74)** Jones Tulloch
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**(21)** 2017298376 **(22)** 19.07.2017  
**(54)** Treatment of Fabry disease in ERT-naive and ERT-experienced patients  
**(51)** Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
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**(43)** 25.01.2018  
**(72)** Castelli, Jeff  
**(74)** Dark IP
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- (71)** Amrita Vishva Vidyapeetham; Monash University  
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**(21)** 2017312209 **(22)** 21.08.2017  
**(54)** Compositions and methods for autoimmune disease treatment  
**(51)** Int. Cl.  
**C07K 7/00** ( 2006.01 )  
**C07K 5/023** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
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**(43)** 22.02.2018  
**(72)** Koyakutty, Manzoor; Bernard, Claude C. A.; Menon, Krishnakumar N.; Sadanandan, Prashant; Payne, Natalie L.; Nair, Shantikumar V.  
**(74)** FPA Patent Attorneys Pty Ltd
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**(21)** 2017322085 **(22)** 29.08.2017  
**(54)** Conductive soles for protective suits  
**(51)** Int. Cl.  
**A43B 7/36** ( 2006.01 )  
**A41D 13/008** ( 2006.01 )  
**A43B 3/00** ( 2006.01 )  
**A43B 13/12** ( 2006.01 )  
**(87)** WO2018/039699  
**(31)** 62/381,167 **(32)** 30.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Liu, Jing; Zhu, Zhimin; Bryce, Paul  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2017306141  
**(21)** 2017306141 **(22)** 01.08.2017  
**(54)** Systems, devices, and methods for coupling a prosthetic implant to a fenestrated body  
**(51)** Int. Cl.  
**A61F 2/07** ( 2013.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(11)** AU-A-2017321776  
**(21)** 2017321776 **(22)** 31.08.2017  
**(54)** Systems and methods of swimming analysis  
**(51)** Int. Cl.  
**G09B 19/00** ( 2006.01 )  
**(87)** WO2018/045211  
**(31)** 62/381,856 **(32)** 31.08.16 **(33)** US  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2017330199  
**(21)** 2017330199 **(22)** 18.08.2017  
**(54)** Coordinated tracking for binaural audio rendering  
**(51)** Int. Cl.  
**H04S 7/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**(87)** WO2018/057174  
**(31)** 62/399,250 **(32)** 23.09.16 **(33)** US  
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**(72)** Satongar, Darius A.; Family, Afrooz; Choisel, Sylvain J.; Merimaa, Juha O.  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2017330211  
**(21)** 2017330211 **(22)** 31.08.2017  
**(54)** Watch theater mode  
**(51)** Int. Cl.  
**G09G 5/02** ( 2006.01 )  
**G06F 3/14** ( 2006.01 )  
**G09G 5/10** ( 2006.01 )  
**(87)** WO2018/057271  
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**(72)** McAtee, Kevin Tyler; Gowreesunker, Baboo; Lamb, Michael J.; Schorsch, Brent W.  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2018237087  
**(21)** 2018237087 **(22)** 20.03.2018  
**(54)** Steel compositions and solution nitriding of stainless steel thereof  
**(51)** Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**C21D 6/00** ( 2006.01 )  
**C21D 8/02** ( 2006.01 )  
**C21D 8/04** ( 2006.01 )  
**C22C 38/02** ( 2006.01 )  
**C22C 38/42** ( 2006.01 )  
**C22C 38/44** ( 2006.01 )  
**C22C 38/46** ( 2006.01 )  
**C22C 38/48** ( 2006.01 )  
**C22C 38/50** ( 2006.01 )  
**C23C 8/06** ( 2006.01 )  
**C23C 8/24** ( 2006.01 )  
**C23C 8/26** ( 2006.01 )  
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**(31)** 62/473,575 **(32)** 20.03.17 **(33)** US  
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**(72)** Li, Hoishun; Currens, Ethan E.; Huang, Weiming; Wright, James A.  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2017322371  
**(21)** 2017322371 **(22)** 12.09.2017  
**(54)** Methods for modulating production profiles of recombinant proteins  
**(51)** Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C12P 1/00** ( 2006.01 )  
**(87)** WO2018/046769  
**(31)** 16188411.9 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Bielser, Jean-Marc; Desmurget, Caroline  
**(74)** Griffith Hack
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- (71)** Arthrex, Inc.  
**(11)** AU-A-2017334537  
**(21)** 2017334537 **(22)** 15.09.2017  
**(54)** Arthroscopic retracting probe  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2018/063818  
**(31)** 15/277,154 **(32)** 27.09.16 **(33)** US  
**(43)** 05.04.2018  
**(72)** Schmieding, Reinhold; Sherman, Gary Scott; Gallen, Karen; Osika, Andrew K.  
**(74)** Spruson & Ferguson
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- (71)** Asahi Kasei Medical Co., Ltd.  
**(11)** AU-A-2017311836  
**(21)** 2017311836 **(22)** 09.08.2017  
**(54)** Filter element for blood treatment filter, blood treatment filter, and leukocyte removal method  
**(51)** Int. Cl.  
**A61M 1/02** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**B01D 39/16** ( 2006.01 )  
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**(31)** 2016-160732 **(32)** 18.08.16 **(33)** JP
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**(72)** Shimada, Nobukazu  
**(74)** Watermark Intellectual Property Pty Ltd
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**(11)** AU-A-2017314481  
**(21)** 2017314481 **(22)** 22.08.2017  
**(54)** A sample handling system for a combine harvester, and a combine comprising such a system  
**(51)** Int. Cl.  
**A01D 41/12** ( 2006.01 )  
**G01N 1/02** ( 2006.01 )  
**(87)** WO2018/035551  
**(31)** 2016903326 **(32)** 22.08.16 **(33)** AU  
**(43)** 01.03.2018  
**(72)** Nancarrow, Brad  
**(74)** Madderns Pty Ltd
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- (71)** Auburn Gear, Inc.  
**(11)** AU-A-2016419822  
**(21)** 2016419822 **(22)** 15.08.2016  
**(54)** Wheel drive transmission  
**(51)** Int. Cl.  
**B60K 17/04** ( 2006.01 )  
**(87)** WO2018/034647  
**(43)** 22.02.2018  
**(72)** Forrest, James L.; Juhasz, Steve M.; Metzger, Dan M.; Beals, Joseph A.  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** August Rüggeberg GmbH & Co. KG  
**(11)** AU-A-2016421095  
**(21)** 2016421095 **(22)** 23.08.2016  
**(54)** Roughing grinding tool  
**(51)** Int. Cl.  
**B24D 5/16** ( 2006.01 )  
**B24D 7/16** ( 2006.01 )  
**B24D 13/08** ( 2006.01 )  
**(87)** WO2018/036616  
**(43)** 01.03.2018  
**(72)** Schmied, Vadim  
**(74)** Phillips Ormonde Fitzpatrick
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**(11)** AU-A-2016422171  
**(21)** 2016422171 **(22)** 31.08.2016  
**(54)** Length conservative surgical instrument  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/30** ( 2016.01 )  
**(87)** WO2018/044306  
**(43)** 08.03.2018  
**(72)** Schuh, Travis; Menard, Edward J.; Woodley, Bruce R.; Williams, Matthew Reagan; Witte, Spencer James  
**(74)** Davies Collision Cave Pty Ltd
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- (71)** Avent, Inc.  
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**(21)** 2016423159 **(22)** 15.09.2016  
**(54)** System and method for in situ visualization of nerves using targeted fluorescent molecules  
**(51)** Int. Cl.



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**(72)** Madsen, Arne J.; Hsu, Kenneth C.  
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**(11)** AU-A-2017415084  
**(21)** 2017415084 **(22)** 16.08.2017  
**(54)** Method and system for wrapping ties in a facemask manufacturing process  
**(51)** Int. Cl.  
**A41D 13/11** ( 2006.01 )  
**(43)** 07.03.2019  
**(72)** Spencer, Anthony S.; Pamperin, Mark T.; Weber, Joseph P.; Steindorf, Eric C.  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2017417166  
**(21)** 2017417166 **(22)** 16.08.2017  
**(54)** Method and system for wrapping ties in a facemask manufacturing process  
**(51)** Int. Cl.  
**A41D 13/11** ( 2006.01 )  
**(43)** 07.03.2019  
**(72)** Pamperin, Mark T.; Weber, Joseph P.; Harrington, David L.; Steindorf, Eric C.  
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**(11)** AU-A-2017322066  
**(21)** 2017322066 **(22)** 24.08.2017  
**(54)** Device for a weapon station  
**(51)** Int. Cl.  
**F41G 3/02** ( 2006.01 )  
**F41G 3/16** ( 2006.01 )  
**(87)** WO2018/044220  
**(31)** 1630205-1 **(32)** 29.08.16 **(33)** SE  
**(43)** 08.03.2018  
**(72)** Gustafsson, Nils  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Ball Corporation  
**(11)** AU-A-2017311515  
**(21)** 2017311515 **(22)** 10.08.2017  
**(54)** Method and apparatus of decorating a metallic container by digital printing to a transfer blanket  
**(51)** Int. Cl.  
**B41M 1/20** ( 2006.01 )  
**G03G 15/00** ( 2006.01 )  
**G03G 15/01** ( 2006.01 )  
**G03G 15/16** ( 2006.01 )  
**G03G 15/22** ( 2006.01 )  
**G03G 21/00** ( 2006.01 )  
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**(72)** Stowitts, Adam P.S.  
**(74)** Madders Pty Ltd
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**(21)** 2017314083 **(22)** 09.08.2017  
**(54)** Condensed bicyclic heterocycle derivatives as pest control agents  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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**(31)** 16184163.0 **(32)** 15.08.16 **(33)** EP  
**(43)** 22.02.2018  
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**(74)** Davies Collison Cave Pty Ltd
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**(11)** AU-A-2017320741  
**(21)** 2017320741 **(22)** 28.08.2017  
**(54)** Method of reducing crop damage  
**(51)** Int. Cl.  
**A01N 25/32** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 43/82** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**(87)** WO2018/041762  
**(31)** 16205637.8 **(32)** 21.12.16 **(33)** EP  
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**(43)** 08.03.2018  
**(72)** Auler, Thomas; Dittgen, Jan; Tossens, Herve  
**(74)** Griffith Hack
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**(21)** 2017327356 **(22)** 01.09.2017  
**(54)** Active compound combinations comprising a 5-substituted imidazole derivative  
**(51)** Int. Cl.  
**A01N 43/50** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**(87)** WO2018/050456  
**(31)** 16188482.0 **(32)** 13.09.16 **(33)** EP  
**(43)** 22.03.2018  
**(72)** Coqueron, Pierre-Yves; Bernier, David; Wachendorff-Neumann, Ulrike; Görtz, Andreas; Dahmen, Peter; Ducrot, Virginie Pascale  
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**(11)** AU-A-2017333698  
**(21)** 2017333698 **(22)** 11.09.2017  
**(54)** Method for producing the crystalline form of modification a of calcibutrol  
**(51)** Int. Cl.  
**C07D 257/02** ( 2006.01 )  
**A61K 49/10** ( 2006.01 )  
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**(43)** 05.04.2018  
**(72)** Platzek, Johannes; Trentmann, Wilhelm  
**(74)** Griffith Hack
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**(21)** 2017312123 **(22)** 18.08.2017  
**(54)** Adapter assembly for attachment to a bottle  
**(51)** Int. Cl.  
**G01N 33/49** ( 2006.01 )  
**G01N 1/22** ( 2006.01 )  
**G01N 33/497** ( 2006.01 )  
**(87)** WO2018/035399  
**(31)** 62/377,246 **(32)** 19.08.16 **(33)** US  
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**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2017321331  
**(21)** 2017321331 **(22)** 29.08.2017  
**(54)** Cover for tissue penetrating device with integrated magnets and magnetic shielding  
**(51)** Int. Cl.  
**A61M 5/32** ( 2006.01 )  
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**(43)** 08.03.2018  
**(72)** Ma, Yiping; Burkholz, Jonathan Karl; Harding, Weston; Isaacson, S. Ray; O'Bryan, Jeffrey C.  
**(74)** Dark IP
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- (71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2018205145  
**(21)** 2018205145 **(22)** 11.02.2018  
**(54)** Method and system for providing transportation service  
**(51)** Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
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**(43)** 07.03.2019  
**(72)** Li, Xiang; Zhou, Zhiqiang; Wang, Zhan; Sheng, Kehua  
**(74)** Shelston IP Pty Ltd.
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**(11)** AU-A-2018217238  
**(21)** 2018217238 **(22)** 11.02.2018  
**(54)** System and method for processing simultaneous carpool requests  
**(51)** Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**(31)** 201710701159.X **(32)** 16.08.17 **(33)** CN  
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**(72)** Zhang, Niping; Li, Lu; Luo, Mingshan; Wei, Pumeng; Liu, Meichen  
**(74)** Shelston IP Pty Ltd.
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 (54) Winding structure of electrical machine, magnetic conductive member of electrical machine, ferromagnetic lamination and electrical machine  
 (51) Int. Cl.  
**H02K 3/00** ( 2006.01 )  
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 (43) 07.03.2019  
 (72) Ma, Shengjun  
 (74) Madderns Pty Ltd
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- (71) Beijing Innocare Pharma Tech Co., Ltd.  
 (11) AU-A-2017315572  
 (21) 2017315572 (22) 16.08.2017  
 (54) Fused heterocyclic derivative, preparation method therefor and medical use thereof  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 231/56** ( 2006.01 )  
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 (31) 201610705318.9 (32) 23.08.16 (33) CN  
 (43) 01.03.2018  
 (72) Chen, Xiangyang; Gao, Yingxiang  
 (74) Churchill Attorneys
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 (11) AU-A-2017314145  
 (21) 2017314145 (22) 17.08.2017  
 (54) Method for controlling a display element by a games console  
 (51) Int. Cl.  
**G06F 3/038** ( 2006.01 )  
**A63F 13/20** ( 2014.01 )  
**G06F 3/0338** ( 2013.01 )  
 (87) WO2018/033590  
 (31) 16185052.4 (32) 19.08.16 (33) EP  
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 (74) Baldwins Intellectual Property
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 (11) AU-A-2017349996  
 (21) 2017349996 (22) 20.10.2017  
 (54) Composition for topical application with antifungal activity  
 (51) Int. Cl.  
**A61K 36/752** ( 2006.01 )  
**A61K 31/355** ( 2006.01 )  
**A61K 36/53** ( 2006.01 )  
**A61K 36/61** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
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 (43) 03.05.2018  
 (72) Panin, Giorgio  
 (74) K&L Gates
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 (11) AU-A-2017320874  
 (21) 2017320874 (22) 22.08.2017
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 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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 (31) 62/382,023 (32) 31.08.16 (33) US  
 (43) 08.03.2018  
 (72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard  
 (74) Allens Patent & Trade Mark Attorneys
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 (11) AU-A-2017322238  
 (21) 2017322238 (22) 07.09.2017  
 (54) Methods and apparatus for body weight support system  
 (51) Int. Cl.  
**A61G 7/00** ( 2006.01 )  
**A61G 7/10** ( 2006.01 )  
**A61H 3/00** ( 2006.01 )  
**E01B 25/20** ( 2006.01 )  
 (87) WO2018/049031  
 (31) 62/385,485 (32) 09.09.16 (33) US  
 (43) 15.03.2018  
 (72) Glukhovskiy, Arkady; Cushman, Todd; Smith, Augustine  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Biosceptre (UK) Limited  
 (11) AU-A-2017346936  
 (21) 2017346936 (22) 18.08.2017  
 (54) Cytotoxic particles  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
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 (43) 26.04.2018  
 (72) Barden, Julian Alexander; Gong, Xiaojuan; Moghaddam, Minoo J  
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**G01F 1/34** ( 2006.01 )  
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**B29D 30/06** ( 2006.01 )  
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 (54) Methods and composition for the prediction of the activity of enzastaurin  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )
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 62/414,601 28.10.16 US  
 (43) 08.03.2018  
 (72) Luo, Wen; Sun, Hong  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2017324150  
 (21) 2017324150 (22) 29.08.2017  
 (54) Variable angle bone plate  
 (51) Int. Cl.  
**A61B 17/80** ( 2006.01 )
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 (31) 15/260,588 (32) 09.09.16 (33) US  
 62/385,069 08.09.16 US  
 (43) 15.03.2018  
 (72) Lopez, Erasmo A.; Snyder, Kristina; Kwak, Seung-Kyu Daniel; Jones, Dylan; Coughlin, Robert; Nicoletti, Timothy  
 (74) Spruson & Ferguson
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- (71) DePuy Synthes Products, Inc.  
 (11) AU-A-2017324153  
 (21) 2017324153 (22) 29.08.2017  
 (54) Variable angle bone plate  
 (51) Int. Cl.  
**A61B 17/80** ( 2006.01 )

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 (31) 62/385,092 (32) 08.09.16 (33) US  
 15/260,694 09.09.16 US  
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 (72) Lopez, Erasmo A.; Snyder, Kristina  
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- (71) DePuy Synthes Products, Inc.  
 (11) AU-A-2017324154  
 (21) 2017324154 (22) 29.08.2017  
 (54) Variable angle bone plate  
 (51) Int. Cl.  
 A61B 17/80 (2006.01 )  
 (87) WO2018/048668  
 (31) 15/260,919 (32) 09.09.16 (33) US  
 62/385,107 08.09.16 US  
 (43) 15.03.2018  
 (72) Lopez, Erasmo A.; Snyder, Kristina  
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- (71) Designbanken AS  
 (11) AU-A-2017320462  
 (21) 2017320462 (22) 01.09.2017  
 (54) Bolt tensioning assembly and method for tensioning of a bolt  
 (51) Int. Cl.  
 B23P 19/06 (2006.01 )  
 B25B 29/02 (2006.01 )  
 F16B 39/12 (2006.01 )  
 F16L 23/036 (2006.01 )  
 (87) WO2018/044178  
 (31) 20161399 (32) 05.09.16 (33) NO  
 (43) 08.03.2018  
 (72) Møller, Espen  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Dexcom, Inc.  
 (11) AU-A-2017347902  
 (21) 2017347902 (22) 30.10.2017  
 (54) Transcutaneous analyte sensor systems and methods  
 (51) Int. Cl.  
 A61B 5/05 (2006.01 )  
 A61B 5/00 (2006.01 )  
 (87) WO2018/081749  
 (31) 62/415,419 (32) 31.10.16 (33) US  
 (43) 03.05.2018  
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 (74) FB Rice Pty Ltd
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- (71) Disguise Technologies Limited  
 (11) AU-A-2017323494  
 (21) 2017323494 (22) 11.09.2017  
 (54) A node and method for stage production management  
 (51) Int. Cl.  
 G06Q 10/06 (2012.01 )
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- (71) Dropbox, Inc.  
 (11) AU-A-2017385025  
 (21) 2017385025 (22) 12.11.2017  
 (54) Creating projects in a content management system  
 (51) Int. Cl.  
 G06Q 10/06 (2012.01 )  
 G06Q 10/10 (2012.01 )  
 (87) WO2018/125394  
 (31) 15/476,715 (32) 31.03.17 (33) US  
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 (43) 05.07.2018  
 (72) Newhouse, Ben; Radhakrishnan, Kavitha; Palkovic, Aj; Stinnette, David; Hurwitz, Jacob; Lee, Jennifer; Grace Jr., John R.; Wang, Susan; Dondi, Leona; Kofman, Igor; Choi, Kenneth; Chang, Tsung-Hsiang  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Dropbox, Inc.  
 (11) AU-A-2017385026  
 (21) 2017385026 (22) 12.11.2017  
 (54) Managing projects in a content management system  
 (51) Int. Cl.  
 G06Q 10/06 (2012.01 )  
 G06Q 10/04 (2012.01 )  
 G06Q 10/08 (2012.01 )  
 G06Q 10/10 (2012.01 )  
 (87) WO2018/125395  
 (31) 15/395,220 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (72) Lo, Min Ming; Pan, Matteus; Ding, Linjie; Weng, Lilian  
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2017385053  
 (21) 2017385053 (22) 19.12.2017  
 (54) User interface extender  
 (51) Int. Cl.  
 G06F 9/451 (2018.01 )  
 G06F 8/38 (2018.01 )  
 G06F 9/455 (2018.01 )  
 G06F 9/54 (2006.01 )  
 (87) WO2018/122676  
 (31) 15/396,313 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (72) Larabie-Belanger, Maxime  
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2017386055  
 (21) 2017386055 (22) 28.11.2017  
 (54) Image annotations in collaborative content items  
 (51) Int. Cl.  
 G06F 17/24 (2006.01 )
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 (43) 05.07.2018  
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2017386900  
 (21) 2017386900 (22) 12.11.2017  
 (54) Malware detection and content item recovery  
 (51) Int. Cl.  
 G06F 21/56 (2013.01 )  
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 (31) 15/394,385 (32) 29.12.16 (33) US  
 (43) 05.07.2018  
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2017387655  
 (21) 2017387655 (22) 10.10.2017  
 (54) Managing tasks in a content management system  
 (51) Int. Cl.  
 G06Q 10/06 (2012.01 )  
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 (31) 15/395,269 (32) 30.12.16 (33) US  
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2017322111  
 (21) 2017322111 (22) 25.08.2017  
 (54) Auto-injector  
 (51) Int. Cl.  
 A61M 5/20 (2006.01 )  
 A61M 5/31 (2006.01 )  
 (87) WO2018/039769  
 (31) 2,940,544 (32) 29.08.16 (33) CA  
 (43) 08.03.2018  
 (72) Hamel, Simon; Cloutier, Sylvain; Tremblay, Yan; Viens, Mathieu  
 (74) Patent Attorney Services
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 (11) AU-A-2017327485  
 (21) 2017327485 (22) 12.09.2017  
 (54) Bacteria  
 (51) Int. Cl.  
 C12R 1/23 (2006.01 )  
 C12R 1/225 (2006.01 )  
 C12R 1/24 (2006.01 )  
 (87) WO2018/050623  
 (31) 16189291.4 (32) 16.09.16 (33) EP  
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**(74)** Houlihan<sup>2</sup> Pty Ltd
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**(11)** AU-A-2017327504  
**(21)** 2017327504 **(22)** 12.09.2017  
**(54)** Bacteria  
**(51)** Int. Cl.  
**A61K 35/747** ( 2015.01 )  
**A61K 35/741** ( 2015.01 )  
**A61K 35/745** ( 2015.01 )  
**A61P 31/00** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**C12R 1/00** ( 2006.01 )  
**(87)** WO2018/050650  
**(31)** 16189292.2 **(32)** 16.09.16 **(33)** EP  
**(43)** 22.03.2018  
**(72)** Putaala, Heli; Forssten, Sofia; Lahtinen, Sampo; Ouwehand, Arthur; Mättö, Jaana; Mäkivuokko, Harri; Mattsby-Baltzer, Inger; Andersch, Björn  
**(74)** Houlihan<sup>2</sup> Pty Ltd
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- (71)** E. I. du Pont de Nemours and Company  
**(11)** AU-A-2017348076  
**(21)** 2017348076 **(22)** 25.10.2017  
**(54)** Rubber compositions comprising polysaccharides  
**(51)** Int. Cl.  
**C08L 7/00** ( 2006.01 )  
**C08L 9/02** ( 2006.01 )  
**C08L 9/06** ( 2006.01 )  
**C08L 15/00** ( 2006.01 )  
**C08L 23/16** ( 2006.01 )  
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**(31)** 62/447,506 **(32)** 18.01.17 **(33)** US  
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**(43)** 03.05.2018  
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**(74)** Houlihan<sup>2</sup> Pty Ltd
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- (71)** Eagle Industry Co., Ltd.  
**(11)** AU-A-2017318903  
**(21)** 2017318903 **(22)** 25.08.2017  
**(54)** Sliding component  
**(51)** Int. Cl.  
**F16J 15/34** ( 2006.01 )  
**(87)** WO2018/043307  
**(31)** 2016-171322 **(32)** 01.09.16 **(33)** JP  
**(43)** 08.03.2018  
**(72)** Hosoe, Takeshi; Inoue, Hideyuki; Negishi, Yuta; Tokunaga, Yuichiro  
**(74)** Shelston IP Pty Ltd.
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- (71)** EAS IP, LLC  
**(11)** AU-A-2017324457  
**(21)** 2017324457 **(22)** 07.09.2017  
**(54)** Signal tape  
**(51)** Int. Cl.  
**F16L 1/11** ( 2006.01 )  
**(87)** WO2018/048986  
**(31)** 62/385,246 **(32)** 08.09.16 **(33)** US
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**(43)** 15.03.2018  
**(72)** Dunn, Ryan C.; Wright, Bryan D.; Ross, Robert A.; Parman, Joshua A.; Tubbs, Donald A.; Bell, Paul A.  
**(74)** WRAYS PTY LTD
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- (71)** Ebbu Inc.  
**(11)** AU-A-2017313843  
**(21)** 2017313843 **(22)** 18.08.2017  
**(54)** Plants and methods for increasing and decreasing synthesis of cannabinoids  
**(51)** Int. Cl.  
**A01H 1/00** ( 2006.01 )  
**A01H 3/00** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
**A01H 5/12** ( 2006.01 )  
**A01H 17/00** ( 2006.01 )  
**A61K 36/00** ( 2006.01 )  
**(87)** WO2018/035450  
**(31)** 62/429,039 **(32)** 01.12.16 **(33)** US  
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**(43)** 22.02.2018  
**(72)** Roscow, Robert F.  
**(74)** shelley anne rowland
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- (71)** Edgewell Personal Care Brands, LLC  
**(11)** AU-A-2017316584  
**(21)** 2017316584 **(22)** 22.08.2017  
**(54)** Razor and razor handle with rotational portion  
**(51)** Int. Cl.  
**B26B 21/52** ( 2006.01 )  
**(87)** WO2018/039168  
**(31)** 62/378,919 **(32)** 24.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Lin, Yi Jun; Micinilio, Gregg; Reich, Thorsten  
**(74)** Halfords IP
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- (71)** Ekato Rühr- Und Mischtechnik GmbH  
**(11)** AU-A-2017310010  
**(21)** 2017310010 **(22)** 11.08.2017  
**(54)** Agitator device and method  
**(51)** Int. Cl.  
**B01F 7/00** ( 2006.01 )  
**(87)** WO2018/029332  
**(31)** 10 2016 115 046.0 **(32)** 12.08.16 **(33)** DE  
**(43)** 15.02.2018  
**(72)** Eiche, Sammy; Jung, Jochen; Kikillus, Florian; Rohn, Nicole; Kastner, Bernd  
**(74)** Spruson & Ferguson
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- (71)** ELC Management LLC  
**(11)** AU-A-2017308739  
**(21)** 2017308739 **(22)** 04.08.2017  
**(54)** Device for printing a three dimensional cosmetic article from a build material comprising a cosmetic formula  
**(51)** Int. Cl.  
**B29C 64/118** ( 2017.01 )
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- B29C 64/209** ( 2017.01 )  
**B29C 64/227** ( 2017.01 )  
**B29C 64/245** ( 2017.01 )  
**B29C 64/393** ( 2017.01 )  
**B29L 31/00** ( 2006.01 )  
**(87)** WO2018/031405  
**(31)** 62/374,153 **(32)** 12.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Gray, Timothy Patrick; Cohen, Isaac David; Martins, Agostinho; Victor, Bruce Laurence; Curtiss, Charles Aaron; Pappas, Madalyn Ellice  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Electrolux Appliances Aktiebolag  
**(11)** AU-A-2017342972  
**(21)** 2017342972 **(22)** 13.09.2017  
**(54)** Cooking vessel for an oven cavity of a cooking oven  
**(51)** Int. Cl.  
**A47J 36/32** ( 2006.01 )  
**A47J 36/02** ( 2006.01 )  
**(87)** WO2018/068976  
**(31)** 16193383.3 **(32)** 11.10.16 **(33)** EP  
**(43)** 19.04.2018  
**(72)** Reinhard-Herrscher, Fabienne; Luckhardt, Christoph  
**(74)** Halfords IP
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- (71)** Elka Suspension Inc.; Horstman Systems Inc.  
**(11)** AU-A-2017298026  
**(21)** 2017298026 **(22)** 20.07.2017  
**(54)** Position-relative damper assist system  
**(51)** Int. Cl.  
**F16F 9/14** ( 2006.01 )  
**(87)** WO2018/014134  
**(31)** 62/364,545 **(32)** 20.07.16 **(33)** US  
**(43)** 25.01.2018  
**(72)** Lamoureux, Martin; Deneault, Pierre-Yves; Porlier, Claude; Van Hee, Daniel  
**(74)** FB Rice Pty Ltd
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- (71)** Enfant Terrible Design AB  
**(11)** AU-A-2017342212  
**(21)** 2017342212 **(22)** 11.10.2017  
**(54)** Monitoring system  
**(51)** Int. Cl.  
**G08B 21/02** ( 2006.01 )  
**A47D 9/02** ( 2006.01 )  
**(87)** WO2018/069850  
**(31)** 62/413,593 **(32)** 27.10.16 **(33)** US  
 62/406,705 11.10.16 US  
**(43)** 19.04.2018  
**(72)** Furuland, Lisa  
**(74)** WRAYS PTY LTD
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- (71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2016420321  
**(21)** 2016420321 **(22)** 24.08.2016  
**(54)** Absorbent article with breathable backsheet  
**(51)** Int. Cl.  
**A61F 13/514** ( 2006.01 )  
**A61F 13/47** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**A61F 13/56** ( 2006.01 )

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**(87)** WO2018/038656  
**(43)** 01.03.2018  
**(72)** Persson, Ulrika; Kalentun, Pia; Jensen, Ida  
**(74)** Watermark Intellectual Property Pty Ltd

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**(11)** AU-A-2016421325  
**(21)** 2016421325 **(22)** 01.09.2016  
**(54)** Process for producing nonwoven  
**(51)** Int. Cl.  
*D04H 3/11* ( 2012.01 )  
*D04H 5/03* ( 2012.01 )  
*D04H 18/04* ( 2012.01 )  
**(87)** WO2018/041356  
**(43)** 08.03.2018  
**(72)** Ahoniemi, Hannu; Strandqvist, Mikael; Wijbenga, Gaatze; Venema, Arie  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2017298352  
**(21)** 2017298352 **(22)** 04.07.2017  
**(54)** Sensing device and charging system  
**(51)** Int. Cl.  
*A61F 13/42* ( 2006.01 )  
*G08B 21/20* ( 2006.01 )  
**(87)** WO2018/015141  
**(31)** 62/365,423 **(32)** 22.07.16 **(33)** US  
**(43)** 25.01.2018  
**(72)** Porthiyas, Danny; Mali, Shyam; Ed-ding, Jacob; Christensen, Stopher; Ahong, Timothy; Ironstone, Joel; Dabor, Jeremy; Sauve, Catherine; Dhar, Sameer  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2017329216  
**(21)** 2017329216 **(22)** 15.09.2017  
**(54)** Absorbent article with PH controlled topsheet  
**(51)** Int. Cl.  
*A61F 13/511* ( 2006.01 )  
*A61F 13/84* ( 2006.01 )  
**(87)** WO2018/054766  
**(31)** 1651257-6 **(32)** 22.09.16 **(33)** SE  
**(43)** 29.03.2018  
**(72)** Stridfeldt, Chatrine; Husmark, Ulrika  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** Etheredge, L.  
**(11)** AU-A-2017310261  
**(21)** 2017310261 **(22)** 09.08.2017  
**(54)** Device for use with laser alignment devices  
**(51)** Int. Cl.  
*G01B 5/02* ( 2006.01 )  
*G01B 5/08* ( 2006.01 )  
*G01B 11/00* ( 2006.01 )  
**(87)** WO2018/027268  
**(31)** 2016903121 **(32)** 09.08.16 **(33)** AU  
**(43)** 15.02.2018  
**(72)** Etheredge, Luke Deane  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Excision BioTherapeutics Inc  
**(11)** AU-A-2017322697  
**(21)** 2017322697 **(22)** 12.09.2017  
**(54)** HIV clinical plan  
**(51)** Int. Cl.  
*C12N 9/22* ( 2006.01 )  
*C07K 14/16* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
**(87)** WO2018/049372  
**(31)** 62/393,217 **(32)** 12.09.16 **(33)** US  
**(43)** 15.03.2018  
**(72)** Malcolm, Thomas  
**(74)** AJ Pietras & Co

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**(71)** EXCIVA UG (haftungsbeschränkt); Vepachedu, S.  
**(11)** AU-A-2017315947  
**(21)** 2017315947 **(22)** 25.08.2017  
**(54)** Compositions and methods thereof  
**(51)** Int. Cl.  
*A61K 9/20* ( 2006.01 )  
*A61K 31/138* ( 2006.01 )  
*A61K 31/485* ( 2006.01 )  
*A61K 47/36* ( 2006.01 )  
*A61K 47/60* ( 2017.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
**(87)** WO2018/039642  
**(31)** 62/380,325 **(32)** 26.08.16 **(33)** US  
 62/501,696 04.05.17 US  
 62/477,435 28.03.17 US  
**(43)** 01.03.2018  
**(72)** Vepachedu, Sreenivasarao; Moebius, Hans J.; Bepalov, Anton  
**(74)** Shelston IP Pty Ltd.

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**(71)** ExxonMobil Upstream Research Company  
**(11)** AU-A-2017320736  
**(21)** 2017320736 **(22)** 01.08.2017  
**(54)** Dual transducer communications node for downhole acoustic wireless networks and method employing same  
**(51)** Int. Cl.  
*E21B 47/16* ( 2006.01 )  
**(87)** WO2018/044469  
**(31)** 62/381,330 **(32)** 30.08.16 **(33)** US  
 62/428,367 30.11.16 US  
**(43)** 08.03.2018  
**(72)** Song, Limin; Zhang, Yibing; Walker, Katie M.; Wolf, Henry Alan  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2017328613  
**(21)** 2017328613 **(22)** 15.09.2017  
**(54)** Methods for performing multiplexed PCR  
**(51)** Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
**(87)** WO2018/050824  
**(31)** 62/395,325 **(32)** 15.09.16 **(33)** US  
 62/536,871 25.07.17 US  
 62/435,595 16.12.16 US  
**(43)** 22.03.2018  
**(72)** Kozlov, Igor; Gupta, Amar; Saiki, Randall; Tsan, Alison  
**(74)** Spruson & Ferguson

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**(71)** Fastbrick IP Pty Ltd  
**(11)** AU-A-2017295316  
**(21)** 2017295316 **(22)** 17.07.2017  
**(54)** Computer aided design for brick and block constructions and control software to control a machine to construct a building  
**(51)** Int. Cl.  
*G06F 17/50* ( 2006.01 )  
*E04G 21/22* ( 2006.01 )  
*G05B 19/4097* ( 2006.01 )  
*G06F 16/00* ( 2019.01 )  
**(87)** WO2018/009985  
**(31)** 2016902787 **(32)** 15.07.16 **(33)** AU  
**(43)** 18.01.2018  
**(72)** Pivac, Mark  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Feluwa Pumpen GmbH  
**(11)** AU-A-2017309628  
**(21)** 2017309628 **(22)** 07.08.2017  
**(54)** Valve, more particularly a pump valve, for delivering abrasive and/or heterogeneous mixtures  
**(51)** Int. Cl.  
*F04B 53/10* ( 2006.01 )  
*F16K 15/02* ( 2006.01 )  
*F16K 15/06* ( 2006.01 )  
**(87)** WO2018/028749  
**(31)** 10 2016 115 025.8 **(32)** 12.08.16 **(33)** DE  
**(43)** 15.02.2018  
**(72)** Nägel, Daniel; Gänsel, Rudolf; Schlücker, Eberhard  
**(74)** Spruson & Ferguson

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**(71)** Fertilizers And Chemicals Ltd; PlastoSac Ltd.  
**(11)** AU-A-2017309392  
**(21)** 2017309392 **(22)** 07.08.2017  
**(54)** Use of a bag having an inner and an outer compartment for fertilizers  
**(51)** Int. Cl.  
*B65D 81/32* ( 2006.01 )  
**(87)** WO2018/029591  
**(31)** 247240 **(32)** 09.08.16 **(33)** IL  
**(43)** 15.02.2018  
**(72)** Barak, Eran; Beer, Yaron; Barnea, Eyal; Raisky, Michael; Sharmi, Yariv; Shmueli, Dan  
**(74)** Spruson & Ferguson

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**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2017309412  
**(21)** 2017309412 **(22)** 11.08.2017  
**(54)** A collapsible conduit, patient interface and headgear connector  
**(51)** Int. Cl.  
*A61M 16/08* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
**(87)** WO2018/029638  
**(31)** 62/373,561 **(32)** 11.08.16 **(33)** US  
 62/431,608 08.12.16 US  
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 (72) Holyoake, Bruce Gordon; Klink, German; Evans, Alicia Jerram Hunter; White, Craig Karl  
 (74) AJ PARK
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**A61Q 19/10** ( 2006.01 )  
**C11D 1/04** ( 2006.01 )  
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A61P 3/08 (2006.01)  
A61P 3/10 (2006.01)  
A61P 19/00 (2006.01)  
A61P 19/02 (2006.01)

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

- A61P 29/00** ( 2006.01 )  
**(87)** WO2018/019844  
**(31)** 1612858.9 **(32)** 25.07.16 **(33)** GB  
**(43)** 01.02.2018  
**(72)** Fañça-Berthon, Pascale Elizabeth  
Renée; Falcao, Leila Denise; Billy, Ant-  
oine Charles; Roller, Marc; Birtic, Si-  
mona  
**(74)** FB Rice Pty Ltd
- 
- (71)** Navinta III Inc  
**(11)** AU-A-2017317523  
**(21)** 2017317523 **(22)** 22.08.2017  
**(54)** Pharmaceutical solution of Asenapine  
for sublingual or buccal use  
**(51)** Int. Cl.  
**C07D 491/044** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**(87)** WO2018/039190  
**(31)** 15/682,159 **(32)** 21.08.17 **(33)** US  
62/378,018 22.08.16 US  
**(43)** 01.03.2018  
**(72)** Patel, Mahendra R.  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Nestec SA  
**(11)** AU-A-2017343599  
**(21)** 2017343599 **(22)** 10.10.2017  
**(54)** Liquid dispensing machine with drop  
stop  
**(51)** Int. Cl.  
**A47J 31/46** ( 2006.01 )  
**A47J 31/36** ( 2006.01 )  
**(87)** WO2018/069266  
**(31)** 16193320.5 **(32)** 11.10.16 **(33)** EP  
**(43)** 19.04.2018  
**(72)** Bourgund, Hervé; Fontbonne, Luc;  
Rithener, Blaise; Vincent, Pierre-Em-  
manuel  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Neste Oyj  
**(11)** AU-A-2017335200  
**(21)** 2017335200 **(22)** 28.09.2017  
**(54)** Oil purification process  
**(51)** Int. Cl.  
**C11B 3/00** ( 2006.01 )  
**C11B 3/10** ( 2006.01 )  
**C11B 3/16** ( 2006.01 )  
**(87)** WO2018/060302  
**(31)** 20165734 **(32)** 30.09.16 **(33)** FI  
**(43)** 05.04.2018  
**(72)** Malm, Annika; Hujanen, Mervi  
**(74)** Spruson & Ferguson
- 
- (71)** Neste Oyj  
**(11)** AU-A-2017336254  
**(21)** 2017336254 **(22)** 28.09.2017  
**(54)** Method for purification of animal or ve-  
getable fats  
**(51)** Int. Cl.  
**C11B 3/00** ( 2006.01 )  
**C11B 3/08** ( 2006.01 )  
**C11B 3/16** ( 2006.01 )
- 
- C11C 1/00** ( 2006.01 )  
**C11C 1/10** ( 2006.01 )  
**(87)** WO2018/060324  
**(31)** 20165735 **(32)** 30.09.16 **(33)** FI  
**(43)** 05.04.2018  
**(72)** Bergström, Pia; Toukoniitty, Blanka;  
Malm, Annika; Hujanen, Mervi  
**(74)** Spruson & Ferguson
- 
- (71)** Netafim Ltd  
**(11)** AU-A-2017349597  
**(21)** 2017349597 **(22)** 24.10.2017  
**(54)** Irrigation pipe  
**(51)** Int. Cl.  
**F16L 9/00** ( 2006.01 )  
**A01G 25/02** ( 2006.01 )  
**F16L 9/127** ( 2006.01 )  
**(87)** WO2018/078521  
**(31)** 62/413,042 **(32)** 26.10.16 **(33)** US  
**(43)** 03.05.2018  
**(72)** Masarwa, Abed; Belford, James  
**(74)** Griffith Hack
- 
- (71)** Netflix, Inc.  
**(11)** AU-A-2017312955  
**(21)** 2017312955 **(22)** 14.08.2017  
**(54)** Compressing forwarding tables  
**(51)** Int. Cl.  
**H04L 12/715** ( 2013.01 )  
**H04L 12/741** ( 2013.01 )  
**H04L 12/753** ( 2013.01 )  
**(87)** WO2018/035064  
**(31)** 15/237,541 **(32)** 15.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Bannister, David  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NeuPharma, Inc.  
**(11)** AU-A-2017312561  
**(21)** 2017312561 **(22)** 14.08.2017  
**(54)** Certain chemical entities, compositions,  
and methods  
**(51)** Int. Cl.  
**C07D 239/74** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**C07D 239/72** ( 2006.01 )  
**(87)** WO2018/035061  
**(31)** 62/375,382 **(32)** 15.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Qian, Xiangping; Zhu, Yong-Liang  
**(74)** Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71)** Neuravi Limited  
**(11)** AU-A-2017312421  
**(21)** 2017312421 **(22)** 03.08.2017  
**(54)** A clot retrieval system for removing oc-  
clusive clot from a blood vessel  
**(51)** Int. Cl.  
**A61B 17/22** ( 2006.01 )  
**A61B 17/221** ( 2006.01 )  
**A61M 25/10** ( 2006.01 )  
**(87)** WO2018/033401  
**(31)** 16186028.3 **(32)** 26.08.16 **(33)** EP  
62/376,264 17.08.16 US
- 
- (43)** 22.02.2018  
**(72)** Vale, David; Casey, Brendan; Fahy, Bri-  
an; McArdle, Kevin; Brady, Eamon; Am-  
stutz, Jill; Holian, Maeve; King, Daniel;  
Gilvarry, Michael  
**(74)** Spruson & Ferguson
- 
- (71)** Neuro-Bio Ltd  
**(11)** AU-A-2017313372  
**(21)** 2017313372 **(22)** 16.08.2017  
**(54)** Modified peptides for use in treating  
neurodegenerative disorders  
**(51)** Int. Cl.  
**A61K 31/165** ( 2006.01 )  
**A61K 31/401** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2018/033724  
**(31)** 1701455.6 **(32)** 30.01.17 **(33)** GB  
1613999.0 16.08.16 GB  
**(43)** 22.02.2018  
**(72)** Greenfield, Susan; Garcia-Rates, Sara;  
Moral, Jesus; Cosano, Roger  
**(74)** AJ PARK
- 
- (71)** Neurovasc Technologies Inc.  
**(11)** AU-A-2017324159  
**(21)** 2017324159 **(22)** 29.08.2017  
**(54)** Clot retrieval device for ischemic stroke  
treatment  
**(51)** Int. Cl.  
**A61B 17/22** ( 2006.01 )  
**A61B 17/221** ( 2006.01 )  
**A61F 2/01** ( 2006.01 )  
**(87)** WO2018/048679  
**(31)** 62/384,678 **(32)** 07.09.16 **(33)** US  
15/614,053 05.06.17 US  
**(43)** 15.03.2018  
**(72)** Losordo, Michael; Ma, Jianlu  
**(74)** FB Rice Pty Ltd
- 
- (71)** Newsouth Innovations Pty Limited;  
Hangzhou Cable Co Ltd  
**(11)** AU-A-2017313448  
**(21)** 2017313448 **(22)** 17.08.2017  
**(54)** Graphene based electrical conductors  
**(51)** Int. Cl.  
**H01B 1/04** ( 2006.01 )  
**B32B 9/00** ( 2006.01 )  
**B32B 15/04** ( 2006.01 )  
**B32B 37/10** ( 2006.01 )  
**H01B 13/00** ( 2006.01 )  
**(87)** WO2018/032055  
**(31)** 201710058086.7 **(32)** 23.01.17 **(33)** CN  
2017901290 07.04.17 AU  
2016903265 17.08.16 AU  
**(43)** 22.02.2018  
**(72)** Li, Sean Suixiang; Ge, Chen  
**(74)** Griffith Hack
- 
- (71)** Nextsense S.r.l.s.  
**(11)** AU-A-2017302211  
**(21)** 2017302211 **(22)** 21.07.2017  
**(54)** Led lamp structure for the reduction of  
the environmental microbial load  
**(51)** Int. Cl.  
**F21V 29/70** ( 2015.01 )

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

**A61L 2/08** ( 2006.01 )  
**A61L 2/10** ( 2006.01 )  
**A61L 9/20** ( 2006.01 )  
**F21K 9/23** ( 2016.01 )  
**F21Y 113/10** ( 2016.01 )  
**F21Y 115/10** ( 2016.01 )  
**(87)** WO2018/020527  
**(31)** 102016000078746 **(32)** 27.07.16 **(33)** IT  
**(43)** 01.02.2018  
**(72)** Cartiere, Carmelo Raffaele; Valles, Rosario  
**(74)** Armour IP Pty Ltd

**(71)** NGI A/S  
**(11)** AU-A-2017318141  
**(21)** 2017318141 **(22)** 21.08.2017  
**(54)** Seismic levelling apparatus with partly ball-shaped top- and bottom nut and use thereof  
**(51)** Int. Cl.  
**F16M 11/00** ( 2006.01 )  
**F16M 7/00** ( 2006.01 )  
**(87)** WO2018/041315  
**(31)** PA 2016 70664 **(32)** 31.08.16 **(33)** DK  
 PA 2017 70114 20.02.17 DK  
**(43)** 08.03.2018  
**(72)** Olsen, Tomas Hecht  
**(74)** Griffith Hack

**(71)** NGM Biopharmaceuticals, Inc  
**(11)** AU-A-2017321286  
**(21)** 2017321286 **(22)** 28.08.2017  
**(54)** Methods for treatment of bile acid-related disorders  
**(51)** Int. Cl.  
**C07K 14/50** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**(87)** WO2018/044778  
**(31)** 62/380,973 **(32)** 29.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Ling, Lei; Tian, Hui  
**(74)** Spruson & Ferguson

**(71)** NGM Biopharmaceuticals, Inc.  
**(11)** AU-A-2017315459  
**(21)** 2017315459 **(22)** 25.08.2017  
**(54)** Methods of treating fibroblast growth factor 19-mediated cancers and tumors  
**(51)** Int. Cl.  
**A61K 31/14** ( 2006.01 )  
**A61K 31/785** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**(87)** WO2018/039557  
**(31)** 62/380,324 **(32)** 26.08.16 **(33)** US  
**(43)** 01.03.2018  
**(72)** Ling, Lei; Tian, Hui  
**(74)** Spruson & Ferguson

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2017321215  
**(21)** 2017321215 **(22)** 15.08.2017  
**(54)** Superconducting gate memory circuit  
**(51)** Int. Cl.  
**H03K 3/38** ( 2006.01 )

**G11C 11/44** ( 2006.01 )  
**H03K 19/195** ( 2006.01 )  
**(87)** WO2018/044562  
**(31)** 15/351,065 **(32)** 14.11.16 **(33)** US  
 62/383,204 02.09.16 US  
**(43)** 08.03.2018  
**(72)** Burnett, Randall M.; Herr, Quentin P.  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2017321216  
**(21)** 2017321216 **(22)** 15.08.2017  
**(54)** Superconducting isochronous receiver system  
**(51)** Int. Cl.  
**H03K 3/38** ( 2006.01 )  
**H03K 19/195** ( 2006.01 )  
**(87)** WO2018/044563  
**(31)** 15/256,213 **(32)** 02.09.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Dai, Haitao O.; Herr, Quentin P.; Shauck, Steven B.; Herr, Anna Y.; Burnett, Randall M.  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2017345049  
**(21)** 2017345049 **(22)** 25.07.2017  
**(54)** Josephson junction superconductor device interconnect structure  
**(51)** Int. Cl.  
**H01L 39/24** ( 2006.01 )  
**H01L 39/22** ( 2006.01 )  
**(87)** WO2018/075116  
**(31)** 15/238,375 **(32)** 16.08.16 **(33)** US  
**(43)** 26.04.2018  
**(72)** Kirby, Christopher F.; Rennie, Michael; O'Donnell, Daniel J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Northrop Grumman Systems Corporation  
**(11)** AU-A-2017358595  
**(21)** 2017358595 **(22)** 03.08.2017  
**(54)** Josephson junction superconductor device interconnect  
**(51)** Int. Cl.  
**H01L 39/24** ( 2006.01 )  
**H01L 39/22** ( 2006.01 )  
**(87)** WO2018/089061  
**(31)** 15/244,827 **(32)** 23.08.16 **(33)** US  
**(43)** 17.05.2018  
**(72)** Kirby, Christopher F.; Rennie, Michael; Graninger, Aurelius L.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2016428098  
**(21)** 2016428098 **(22)** 28.10.2016  
**(54)** System and method for automated position maintenance of an ophthalmic surgery cone  
**(51)** Int. Cl.  
**A61F 9/009** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )

**(87)** WO2018/078425  
**(43)** 03.05.2018  
**(72)** Wittnebel, Michael; Abraham, Mario  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Novartis AG  
**(11)** AU-A-2016428798  
**(21)** 2016428798 **(22)** 03.11.2016  
**(54)** System and method for indirectly determining weight on eye during laser ophthalmic surgery  
**(51)** Int. Cl.  
**A61F 9/009** ( 2006.01 )  
**(87)** WO2018/083520  
**(43)** 11.05.2018  
**(72)** Wittnebel, Michael; Starigk, Martin  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Novartis AG  
**(11)** AU-A-2017332867  
**(21)** 2017332867 **(22)** 21.09.2017  
**(54)** Indazole compounds for use in tendon and/or ligament injuries  
**(51)** Int. Cl.  
**C07D 231/56** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61P 19/04** ( 2006.01 )  
**(87)** WO2018/055550  
**(31)** 62/398,869 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Bursulaya, Badry; Fisch, Andreas; Lajiness, James Paul; Machauer, Rainer; Malekar, Swapnil; Petrassi, Hank Michael James; Ramazani, Farshad; Remond, Anne-Catherine; Ullrich, Thomas; Usselmann, Peggy; Vangrevellinghe, Eric  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2017332868  
**(21)** 2017332868 **(22)** 21.09.2017  
**(54)** Aza-indazole compounds for use in tendon and/or ligament injuries  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**(87)** WO2018/055551  
**(31)** 62/398,865 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Bursulaya, Badry; Fisch, Andreas; Lajiness, James Paul; Machauer, Rainer; Malekar, Swapnil; Petrassi, Hank Michael James; Ramazani, Farshad; Remond, Anne-Catherine; Ullrich, Thomas; Usselmann, Peggy; Vangrevellinghe, Eric  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2017343042  
**(21)** 2017343042 **(22)** 27.09.2017  
**(54)** Optical coherence tomography cross view imaging  
**(51)** Int. Cl.  
**A61B 3/10** ( 2006.01 )

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

- A61B 3/00** ( 2006.01 )  
**G06T 3/00** ( 2006.01 )  
**(87)** WO2018/069784  
**(31)** 62/408,497 **(32)** 14.10.16 **(33)** US  
**(43)** 19.04.2018  
**(72)** Jochinsen, Mauricio; Ren, Hugang; Yu, Lingfeng  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Novartis AG  
**(11)** AU-A-2017344425  
**(21)** 2017344425 **(22)** 07.09.2017  
**(54)** Scanning optical probe with flexing mechanism  
**(51)** Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**(87)** WO2018/073665  
**(31)** 15/294,843 **(32)** 17.10.16 **(33)** US  
**(43)** 26.04.2018  
**(72)** Wheatley, Barry L.; Parto, Kambiz; Schmidlin, Edouard G.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Novartis AG  
**(11)** AU-A-2017344432  
**(21)** 2017344432 **(22)** 19.09.2017  
**(54)** Surgical instrument having a surface texture  
**(51)** Int. Cl.  
**A61B 17/28** ( 2006.01 )  
**A61B 17/29** ( 2006.01 )  
**A61B 17/30** ( 2006.01 )  
**(87)** WO2018/073672  
**(31)** 62/517,504 **(32)** 09.06.17 **(33)** US  
 62/409,660 18.10.16 US  
**(43)** 26.04.2018  
**(72)** Grueebler, Reto; Kashani, Pooria Sharif; Hupp, Markus  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Novelis Inc.  
**(11)** AU-A-2017312853  
**(21)** 2017312853 **(22)** 11.08.2017  
**(54)** Anodized aluminum with dark gray color  
**(51)** Int. Cl.  
**C22F 1/04** ( 2006.01 )  
**C22C 21/06** ( 2006.01 )  
**C25D 11/14** ( 2006.01 )  
**(87)** WO2018/034960  
**(31)** 62/375,932 **(32)** 17.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Kang, DaeHoon; Frank, Martin; Barker, Simon; Mathur, Devesh  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** NuPulseCV, Inc.  
**(11)** AU-A-2017315767  
**(21)** 2017315767 **(22)** 24.08.2017  
**(54)** Blood pump assembly and method of use thereof  
**(51)** Int. Cl.  
**A61M 1/10** ( 2006.01 )  
**A61F 2/06** ( 2006.01 )  
**A61M 1/12** ( 2006.01 )  
**(87)** WO2018/039461  
**(31)** 62/379,032 **(32)** 24.08.16 **(33)** US
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- (43)** 01.03.2018  
**(72)** Smith, Robert; Jeevanandam, Valluvan  
**(74)** FB Rice Pty Ltd
- 
- (71)** Nuts Holdings, LLC  
**(11)** AU-A-2017325928  
**(21)** 2017325928 **(22)** 31.08.2017  
**(54)** Encrypted userdata transit and storage  
**(51)** Int. Cl.  
**G06F 12/14** ( 2006.01 )  
**G06F 11/30** ( 2006.01 )  
**(87)** WO2018/052726  
**(31)** 62/395,084 **(32)** 15.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Auh, Yoon Ho  
**(74)** Madderns Pty Ltd
- 
- (71)** Olson, S.L.  
**(11)** AU-A-2017314211  
**(21)** 2017314211 **(22)** 18.08.2017  
**(54)** External catheter stabilizer  
**(51)** Int. Cl.  
**A61M 25/02** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**(87)** WO2018/033888  
**(31)** 62/501,988 **(32)** 05.05.17 **(33)** US  
 62/442,566 05.01.17 US  
 62/377,098 19.08.16 US  
**(43)** 22.02.2018  
**(72)** Olson, Sarah L.; Kieranen, Carl B.; Mack, John R.; Mack, Jason P.  
**(74)** Griffith Hack
- 
- (71)** One Scientific, Inc.  
**(11)** AU-A-2017321696  
**(21)** 2017321696 **(22)** 31.08.2017  
**(54)** Systems, apparatuses, and methods for generating electric power via conversion of water to hydrogen and oxygen  
**(51)** Int. Cl.  
**H01M 4/86** ( 2006.01 )  
**H01M 4/88** ( 2006.01 )  
**H01M 8/10** ( 2006.01 )  
**(87)** WO2018/045166  
**(31)** 62/381,765 **(32)** 31.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** Redwine, Michael A.  
**(74)** LAMINAR IP PTY LTD
- 
- (71)** Osteros Biomedica Ltd  
**(11)** AU-A-2017297989  
**(21)** 2017297989 **(22)** 05.05.2017  
**(54)** Pharmaceutical preparation for treating bone lesions caused by malignant neoplasms  
**(51)** Int. Cl.  
**A61K 9/19** ( 2006.01 )  
**A61K 31/663** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2018/016999  
**(31)** 201600574 **(32)** 20.07.16 **(33)** EA
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- (43)** 25.01.2018  
**(72)** Ivanova, Ekaterina Alekseevna; Karpeisky, Alexander; Zinnen, Shawn P.; Caralli, Lisa Lynn; Fong, Rina Diana  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Outotec (Finland) Oy  
**(11)** AU-A-2016419983  
**(21)** 2016419983 **(22)** 15.08.2016  
**(54)** Flotation method  
**(51)** Int. Cl.  
**B03D 1/02** ( 2006.01 )  
**C22B 3/04** ( 2006.01 )  
**C22B 3/22** ( 2006.01 )  
**G01F 1/00** ( 2006.01 )  
**B03D 103/02** ( 2006.01 )  
**(87)** WO2018/033658  
**(43)** 22.02.2018  
**(72)** Rinne, Antti; Bourke, Peter Gerard  
**(74)** Griffith Hack
- 
- (71)** Outotec (Finland) Oy  
**(11)** AU-A-2017305865  
**(21)** 2017305865 **(22)** 28.07.2017  
**(54)** Flotation line and a method  
**(51)** Int. Cl.  
**B03D 1/02** ( 2006.01 )  
**B03D 1/14** ( 2006.01 )  
**(87)** WO2018/024945  
**(31)** PCT/ **(32)** 05.08.16 **(33)** FI  
 FI2016/050552  
**(43)** 08.02.2018  
**(72)** Bourke, Peter Gerard; Rinne, Antti; Coleman, Rob  
**(74)** Griffith Hack
- 
- (71)** Pacific Green Technologies Inc.  
**(11)** AU-A-2016420006  
**(21)** 2016420006 **(22)** 31.08.2016  
**(54)** Integrated wet scrubbing system  
**(51)** Int. Cl.  
**B01D 53/92** ( 2006.01 )  
**B01D 47/00** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**B03C 5/00** ( 2006.01 )  
**(87)** WO2018/032081  
**(31)** 62/376,619 **(32)** 18.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** McClelland, Kenneth James  
**(74)** INNOFY PTY LTD
- 
- (71)** Pandrol Limited  
**(11)** AU-A-2017336570  
**(21)** 2017336570 **(22)** 12.04.2017  
**(54)** A pad for a railway rail fastening assembly  
**(51)** Int. Cl.  
**E01B 9/68** ( 2006.01 )  
**(87)** WO2018/060668  
**(31)** 1616608.4 **(32)** 30.09.16 **(33)** GB  
**(43)** 05.04.2018  
**(72)** Cox, Stephen John; Hamilton, Robert John  
**(74)** Spruson & Ferguson

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

- (71) Penprase, M.  
 (11) AU-A-2017313388  
 (21) 2017313388 (22) 17.08.2017  
 (54) Container for a bulk material  
 (51) Int. Cl.  
*B65D 88/12* ( 2006.01 )  
*B65D 88/58* ( 2006.01 )  
*B65D 90/00* ( 2006.01 )  
*B65D 90/62* ( 2006.01 )  
 (87) WO2018/033740  
 (31) 1614097.2 (32) 17.08.16 (33) GB  
 (43) 22.02.2018  
 (72) Penprase, Michael Bruce  
 (74) Argon IP Pty Ltd
- 
- (71) Petal Incorporated  
 (11) AU-A-2016419033  
 (21) 2016419033 (22) 10.08.2016  
 (54) Actively cooled waste receptacle  
 (51) Int. Cl.  
*B65F 1/14* ( 2006.01 )  
*B65D 81/18* ( 2006.01 )  
*B65F 1/00* ( 2006.01 )  
*F25D 11/00* ( 2006.01 )  
 (87) WO2018/029510  
 (43) 15.02.2018  
 (72) Petz, Brian; Cresnik, Primoz  
 (74) Adams Pluck
- 
- (71) Petróleo Brasileiro S.A. - Petrobras;  
 Universidade Federal do Rio de Janeiro  
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 Nunes, G.; Weschenfelder, S.; Monteiro  
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**(51)** Int. Cl.  
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mer seal  
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**(51)** Int. Cl.  
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**A01P 1/00** ( 2006.01 )  
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series recordings as a function of avail-  
able storage  
**(51)** Int. Cl.  
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**B65B 9/20** ( 2012.01 )  
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tion process using the glove stripping  
apparatus and method  
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**B29D 99/00** ( 2010.01 )  
**B29C 33/44** ( 2006.01 )  
**B29C 37/00** ( 2006.01 )  
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C21-n-pyrazolyl steroid  
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**C07D 231/14** ( 2006.01 )  
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water  
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**E21B 43/01** ( 2006.01 )  
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inkjet printing  
**(51)** Int. Cl.  
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**B67D 1/12** ( 2006.01 )  
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 C02F 3/30 (2006.01) G01N 23/04 (2018.01)  
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**B01J 19/00** ( 2006.01 )  
**C08F 2/01** ( 2006.01 )  
**C08F 2/12** ( 2006.01 )  
**C08F 2/18** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
**(87)** WO2018/046652  
**(31)** 16188329.3 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Mattayan, Arunsri; Traisilanun, Saranya; Cheevasrirungruang, Watcharee; Klomkamol, Warachad  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017322249  
**(21)** 2017322249 **(22)** 08.09.2017  
**(54)** Multimodal polyethylene composition and a film comprising the same  
**(51)** Int. Cl.  
**C08F 2/00** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**C08F 2/01** ( 2006.01 )  
**C08F 2/12** ( 2006.01 )  
**C08F 2/18** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )

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**(72)** Mattayan, Arunsri; Traisilanun, Saranya; Cheevasrirungruang, Watcharee; Klomkamol, Warachad  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017322256  
**(21)** 2017322256 **(22)** 08.09.2017  
**(54)** Multimodal polyethylene film  
**(51)** Int. Cl.  
**C08F 2/00** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**C08F 2/01** ( 2006.01 )  
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**C08J 5/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )

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**(31)** 16188335.0 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Mattayan, Arunsri; Cheevasrirungruang, Watcharee; Traisilanun, Saranya; Klomkamol, Warachad  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017322257  
**(21)** 2017322257 **(22)** 08.09.2017  
**(54)** Multimodal polyethylene film  
**(51)** Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )

**C08L 23/06** ( 2006.01 )  
**(87)** WO2018/046664  
**(31)** 16188335.0 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Mattayan, Arunsri; Cheevasrirungruang, Watcharee; Traisilanun, Saranya; Klomkamol, Warachad  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017322270  
**(21)** 2017322270 **(22)** 11.09.2017  
**(54)** High performances multimodal ultra high molecular weight polyethylene  
**(51)** Int. Cl.

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**B01J 19/00** ( 2006.01 )  
**C08F 2/01** ( 2006.01 )  
**C08F 2/12** ( 2006.01 )  
**C08F 2/18** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
**(87)** WO2018/046712  
**(31)** 16188347.5 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Jarumaneeroj, Chatchai; Traisilanun, Saranya; Cheevasrirungruang, Watcharee; Tiypiboonchaiya, Piyawan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017322271  
**(21)** 2017322271 **(22)** 11.09.2017  
**(54)** High performances multimodal ultra high molecular weight polyethylene  
**(51)** Int. Cl.

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**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
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**(31)** 16188347.5 **(32)** 12.09.16 **(33)** EP  
**(43)** 15.03.2018  
**(72)** Jarumaneeroj, Chatchai; Traisilanun, Saranya; Cheevasrirungruang, Watcharee; Tiypiboonchaiya, Piyawan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.  
**(11)** AU-A-2017324412  
**(21)** 2017324412 **(22)** 07.09.2017  
**(54)** Multimodal polyethylene pipe  
**(51)** Int. Cl.

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**B01J 19/00** ( 2006.01 )  
**C08F 2/01** ( 2006.01 )  
**C08F 2/12** ( 2006.01 )  
**C08F 2/18** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
**(87)** WO2018/046605  
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**(72)** Suchao-In, Natthaporn; Klomkamol, Warachad  
**(74)** Davies Collison Cave Pty Ltd

**(71)** The Climate Corporation  
**(11)** AU-A-2017308573  
**(21)** 2017308573 **(22)** 26.07.2017  
**(54)** Estimating nitrogen content using hyperspectral and multispectral images  
**(51)** Int. Cl.  
**G01J 3/28** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06T 7/00** ( 2006.01 )  
**G06T 7/40** ( 2006.01 )  
**(87)** WO2018/031238  
**(31)** 15/231,505 **(32)** 08.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Guan, Wei; Xu, Ying  
**(74)** Ellis Terry

**(71)** The General Hospital Corporation  
**(11)** AU-A-2017321782  
**(21)** 2017321782 **(22)** 31.08.2017  
**(54)** Macrophages/microglia in neuro-inflammation associated with neurodegenerative diseases  
**(51)** Int. Cl.  
**C07D 311/02** ( 2006.01 )  
**A61K 31/335** ( 2006.01 )  
**A61K 31/35** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**C07D 311/04** ( 2006.01 )  
**C07D 311/22** ( 2006.01 )

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**(43)** 08.03.2018  
**(72)** Elmaleh, David P.; Tanzi, Rudolph E.; Shoup, Timothy M.; Gricluc, Ana  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** The Governors of the University of Alberta  
**(11)** AU-A-2017303971  
**(21)** 2017303971 **(22)** 21.07.2017  
**(54)** Methods for producing hydrocarbon compositions with reduced acid number and for isolating short chain fatty acids  
**(51)** Int. Cl.  
**C10G 3/00** ( 2006.01 )  
**C07C 51/47** ( 2006.01 )  
**C10G 25/00** ( 2006.01 )  
**C10G 25/02** ( 2006.01 )

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**(43)** 01.02.2018  
**(72)** Bressler, David  
**(74)** Griffith Hack

**(71)** The Jackson Laboratory  
**(11)** AU-A-2017308121  
**(21)** 2017308121 **(22)** 11.08.2017  
**(54)** Methods and compositions relating to improved human red blood cell survival in genetically modified immunodeficient non-human animals  
**(51)** Int. Cl.  
**A01K 67/02** ( 2006.01 )  
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**(31)** 62/373,671 **(32)** 11.08.16 **(33)** US  
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**(72)** Shultz, Leonard D.; Wiles, Michael V.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** The Regents of the University of California  
**(11)** AU-A-2017308131  
**(21)** 2017308131 **(22)** 11.08.2017  
**(54)** Remyelination therapies  
**(51)** Int. Cl.  
**A61K 31/55** ( 2006.01 )  
**A61K 31/075** ( 2006.01 )  
**A61K 31/138** ( 2006.01 )  
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**(74)** WRAYS PTY LTD
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- (71)** The Regents of the University of California  
**(11)** AU-A-2017313138  
**(21)** 2017313138 **(22)** 17.08.2017  
**(54)** A novel immunoprobe-based method to assess organ injury status through a biofluid-based cell-free DNA (cfDNA) assay  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2018/035340  
**(31)** 62/376,299 **(32)** 17.08.16 **(33)** US  
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**(72)** Sarwal, Minnie M.; Sigdel, Tara K.; Yang, Joshua Y.  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** The Regents of the University of California; Mali, P.; Katrekar, D.; Collado, A.M.  
**(11)** AU-A-2017313917  
**(21)** 2017313917 **(22)** 18.08.2017  
**(54)** CRISPR-Cas genome engineering via a modular AAV delivery system  
**(51)** Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**A61K 35/76** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
**(87)** WO2018/035503  
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**(72)** Mali, Prashant; Katrekar, Dhruva; Colado, Ana Moreno  
**(74)** Spruson & Ferguson
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- (71)** The Regents of the University of California  
**(11)** AU-A-2017316649  
**(21)** 2017316649 **(22)** 22.08.2017  
**(54)** Proteolytically cleavable chimeric polypeptides and methods of use thereof  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2018/039247  
**(31)** 62/378,614 **(32)** 23.08.16 **(33)** US  
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**(72)** Lim, Wendell A.; Roybal, Kole T.; Williams, Jasper Z.  
**(74)** FB Rice Pty Ltd
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**(21)** 2017312555 **(22)** 14.08.2017  
**(54)** Control angiogenesis by regulating phosphorylation of seryl-tRNA synthetase (SerRS)  
**(51)** Int. Cl.  
**C12N 9/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2018/035041  
**(31)** 62/375,592 **(32)** 16.08.16 **(33)** US  
**(43)** 22.02.2018  
**(72)** Yang, Xiang-Lei; Shi, Yi; Liu, Ze  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(21)** 2017325024 **(22)** 07.09.2017  
**(54)** Anti-fibrotic sialidase inhibitor compounds and methods of use  
**(51)** Int. Cl.  
**A61K 31/196** ( 2006.01 )  
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**A61K 39/395** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
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**(43)** 15.03.2018  
**(72)** Gomer, Richard H.; Pilling, Darrell; Cox, Nehemiah; Karhadkar, Tejas R.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(54)** Cytisine derivatives for the treatment of addiction  
**(51)** Int. Cl.  
**C07D 471/18** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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**(72)** Gallagher, Timothy Charles; Rego Campello, Hugo  
**(74)** Ahearn Fox
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- (71)** The University of Massachusetts  
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**(21)** 2017315358 **(22)** 23.08.2017  
**(54)** Polymerizing composition, method of manufacture thereof and articles comprising the same  
**(51)** Int. Cl.  
**C08F 2/46** ( 2006.01 )  
**C08F 2/00** ( 2006.01 )  
**C08F 2/48** ( 2006.01 )  
**C08G 59/00** ( 2006.01 )  
**C08G 59/68** ( 2006.01 )  
**C09J 4/00** ( 2006.01 )  
**C09J 4/02** ( 2006.01 )  
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**(72)** Lesser, Alan James; Lampe, Matthew  
**(74)** Michael Buck IP
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**(21)** 2017328903 **(22)** 14.09.2017  
**(54)** Human otic progenitor identification and isolation  
**(51)** Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/074** ( 2010.01 )  
**C12N 5/0793** ( 2010.01 )  
**C12N 5/0797** ( 2010.01 )  
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**(72)** Rivolta, Carlos Marcelo Nicolas; Boddy, Sarah Louise  
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**(54)** Methods and compositions for maintaining the conformation and structural integrity of biomolecules  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 38/43** ( 2006.01 )  
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 (51) Int. Cl.  
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**C10L 10/08** ( 2006.01 )  
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 (74) Watermark Intellectual Property Pty Ltd
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 (54) Fuel additive for cleaning an internal combustion engine  
 (51) Int. Cl.  
**C10L 1/223** ( 2006.01 )  
**C10L 10/00** ( 2006.01 )  
**C10L 10/06** ( 2006.01 )  
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 (54) Stable electrolyte material and solvent material containing same  
 (51) Int. Cl.  
**C01B 13/00** ( 2006.01 )  
**A23L 27/20** ( 2016.01 )  
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 (21) 2017305511 (22) 04.08.2017  
 (54) Continuous methods of making fiber reinforced concrete panels  
 (51) Int. Cl.  
**B28B 1/52** ( 2006.01 )  
**B01F 3/12** ( 2006.01 )  
**B01F 7/00** ( 2006.01 )  
**B01F 7/04** ( 2006.01 )
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- B01F 7/08** ( 2006.01 )  
**B28B 3/22** ( 2006.01 )  
**B28B 5/02** ( 2006.01 )  
**B28C 5/12** ( 2006.01 )  
**B28C 5/14** ( 2006.01 )  
**B28C 5/40** ( 2006.01 )  
**B29B 7/48** ( 2006.01 )  
**B29C 48/67** ( 2019.01 )  
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 (51) Int. Cl.  
**B28B 1/52** ( 2006.01 )  
**B05C 3/18** ( 2006.01 )  
**B05C 11/02** ( 2006.01 )  
**B28B 19/00** ( 2006.01 )  
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 (51) Int. Cl.  
**C07K 16/32** ( 2006.01 )  
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**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys
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 (51) Int. Cl.  
**C02F 1/461** ( 2006.01 )  
**H01M 4/66** ( 2006.01 )  
**H01M 4/86** ( 2006.01 )  
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- (71) University of Johannesburg  
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 (21) 2017304900 (22) 26.07.2017  
 (54) Ligand binding assay for detecting gibberellins  
 (51) Int. Cl.  
**C07K 14/415** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )  
**G01N 33/74** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
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 (54) Inorganic ion detection system and methods  
 (51) Int. Cl.  
**G01N 27/447** ( 2006.01 )  
**B01J 20/281** ( 2006.01 )  
**G01N 30/02** ( 2006.01 )  
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 (11) AU-A-2017318491  
 (21) 2017318491 (22) 04.09.2017  
 (54) Method and composition of making polymer products  
 (51) Int. Cl.  
*C08J 3/22* (2006.01)  
*C08J 3/12* (2006.01)  
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 (31) 20165653 (32) 02.09.16 (33) FI  
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 (11) AU-A-2017315353  
 (21) 2017315353 (22) 23.08.2017  
 (54) Cleaning product for use in a device comprising a grinder and methods for producing and using same  
 (51) Int. Cl.  
*A47J 31/60* (2006.01)  
*A47J 42/00* (2006.01)  
*B08B 7/00* (2006.01)  
*B30B 11/02* (2006.01)  
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*A61P 11/00* (2006.01)  
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*A61B 17/3211* (2006.01)  
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**A61K 45/06** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
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**A61K 31/36** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
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<b>2016415599</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017298574</b>	AMG Metals Inc.; Powell (Richmond Hill) Contracting Limited; Stinson Equipment Limited O/A Stinson Owl-Lite
<b>2016416631</b>	RIMASYS GmbH	<b>2017298587</b>	SEB S.A.
<b>2016417160</b>	Jain, D.; Bertram, T.A.	<b>2017298592</b>	SEB S.A.
<b>2016417175</b>	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	<b>2017298593</b>	SEB S.A.
<b>2016419033</b>	Petal Incorporated	<b>2017299125</b>	Sanofi
<b>2016419487</b>	Costa Azul Inc.	<b>2017299226</b>	Cipher Surgical Limited
<b>2016419822</b>	Auburn Gear, Inc.	<b>2017299295</b>	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
<b>2016419981</b>	Metalogenia Research & Technologies S.L.	<b>2017299427</b>	CareFusion 303, Inc.
<b>2016419983</b>	Outotec (Finland) Oy	<b>2017299435</b>	National Student Clearinghouse
<b>2016420006</b>	Pacific Green Technologies Inc.	<b>2017299652</b>	Jining Jinxiang Technology Development Co., Ltd.
<b>2016420308</b>	Yujoo Co., Ltd.	<b>2017299679</b>	ABS Materials, Inc.
<b>2016420321</b>	Essity Hygiene and Health Aktiebolag	<b>2017299775</b>	Superior Industries, Inc.
<b>2016420400</b>	Intelligent Sciences Ltd.	<b>2017299950</b>	Comnovo GmbH
<b>2016420865</b>	Canon Kabushiki Kaisha	<b>2017299983</b>	Kolon Life Science, Inc.
<b>2016420879</b>	Philip, S.	<b>2017300086</b>	Loughran, N.
<b>2016421095</b>	August Rüggeberg GmbH & Co. KG	<b>2017300392</b>	Tissuegen, Inc.
<b>2016421317</b>	Sandvik Intellectual Property AB	<b>2017300783</b>	LG Electronics, Inc.
<b>2016421325</b>	Essity Hygiene and Health Aktiebolag	<b>2017300785</b>	Zimberg, M.
<b>2016421331</b>	Medela Holding AG	<b>2017300877</b>	Safran
<b>2016421849</b>	Kimberly-Clark Worldwide, Inc.	<b>2017300894</b>	CJ Cheiljedang Corporation; CJ Seafood Corporation
<b>2016421893</b>	Kimberly-Clark Worldwide, Inc.	<b>2017300930</b>	SEB S.A.
<b>2016421905</b>	Amgen Inc.	<b>2017300931</b>	SEB S.A.
<b>2016422171</b>	Auris Health, Inc.	<b>2017301429</b>	Med-Aesthetic Solutions, Inc
<b>2016423159</b>	Avent, Inc.	<b>2017301681</b>	Cellular Approaches, Inc.
<b>2016423681</b>	Law, P.	<b>2017301961</b>	Medtronic PS Medical, Inc.
<b>2016424336</b>	Rosemount Inc.	<b>2017301966</b>	WisTa Laboratories Ltd.
<b>2016425819</b>	Halliburton Energy Services, Inc.	<b>2017301978</b>	Naturex S.A.
<b>2016425985</b>	Halliburton Energy Services, Inc.	<b>2017302182</b>	Lupin Limited
<b>2016425994</b>	Halliburton Energy Services, Inc.	<b>2017302211</b>	Nextsense S.r.l.s.
<b>2016426102</b>	JGC Corporation	<b>2017302396</b>	Instad Pre Fabrication Pte Ltd
<b>2016426667</b>	Landmark Graphics Corporation	<b>2017302462</b>	Waymo LLC
<b>2016426800</b>	Plants Laboratory, Inc.	<b>2017302493</b>	Capbran Holdings, LLC
<b>2016427008</b>	Landmark Graphics Corporation	<b>2017302509</b>	Rinovum Subsidiary 2, LLC
<b>2016428098</b>	Novartis AG	<b>2017302514</b>	Rinovum Subsidiary 2, LLC
<b>2016428798</b>	Novartis AG	<b>2017302538</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2016428908</b>	Halliburton Energy Services, Inc.	<b>2017302547</b>	Reil, G.
<b>2016429683</b>	Halliburton Energy Services, Inc.	<b>2017303135</b>	Allflex Europe
<b>2017247696</b>	Medclear Healthcare Private Limited	<b>2017303258</b>	VINCI Construction
<b>2017288553</b>	Gasser, K.	<b>2017303971</b>	The Governors of the University of Alberta
<b>2017294769</b>	I.C. Medical, Inc.	<b>2017303974</b>	Fundación Privada de Institut de Recerca de la Sida-Caixa
<b>2017294799</b>	4 Ken Pty Ltd	<b>2017304182</b>	Klinter Design IVS
<b>2017295251</b>	I.C. Medical, Inc.	<b>2017304185</b>	VINCI Construction
<b>2017295314</b>	Afterpay Pty Ltd	<b>2017304227</b>	Mahogany Solutions Pty Ltd
<b>2017295316</b>	Fastbrick IP Pty Ltd	<b>2017304396</b>	Wix.com Ltd.
<b>2017295552</b>	Limited Liability Company "Neftekamsk Machinery Plant" (LLC NKMZ)	<b>2017304583</b>	Shell Internationale Research Maatschappij B.V.
<b>2017296362</b>	Indian Institute Of Technology (IIT Madras)	<b>2017304820</b>	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
<b>2017297239</b>	Boston Scientific Neuromodulation Corporation	<b>2017304882</b>	Fontem Holdings 1 B.V.
<b>2017297622</b>	Ionis Pharmaceuticals, Inc.	<b>2017304898</b>	Purdue Pharma L.P.
<b>2017297989</b>	Osteros Biomedica Ltd	<b>2017304900</b>	University of Johannesburg
<b>2017298020</b>	Petróleo Brasileiro S.A. - Petrobras; Universidade Federal do Rio de Janeiro - UFRJ; Piacsek Borges, C.; Cavalcanti Nunes, G.; Weschenfelder, S.; Monteiro Sambade, J.	<b>2017305172</b>	Honeywell International Inc.
<b>2017298026</b>	Elka Suspension Inc.; Horstman Systems Inc.	<b>2017305245</b>	Pindrop Security, Inc.
<b>2017298222</b>	Seidel, D.	<b>2017305335</b>	Virogin Biotech Canada Ltd
<b>2017298227</b>	Ideal Perceptions LLC	<b>2017305415</b>	Taurus Development Company LLC; Enteris Biopharma, Inc.
<b>2017298256</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Med-shine Discovery Inc.	<b>2017305440</b>	Teleflex Medical Incorporated
<b>2017298262</b>	Bristol-Myers Squibb Company	<b>2017305511</b>	United States Gypsum Company
<b>2017298352</b>	Essity Hygiene and Health Aktiebolag	<b>2017305523</b>	L'air Liquide Société Anonyme Pour L'étude Et L'exploitation Des Procédés Georges Claude
<b>2017298376</b>	Amicus Therapeutics, Inc.	<b>2017305532</b>	Knapp GmbH
<b>2017298380</b>	Tygrus, LLC	<b>2017305533</b>	Imertech SAS
<b>2017298385</b>	University of Pittsburgh - of the Commonwealth System of Higher Education	<b>2017305636</b>	Liverpool John Moores University
<b>2017298535</b>	Ibentrus, Inc.	<b>2017305864</b>	ZenRobotics Oy
		<b>2017305865</b>	Outotec (Finland) Oy

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2017306141	Aortica Corporation	2017313390	The University of Bristol
2017306581	Weir Minerals Australia Ltd	2017313436	University of Tasmania
2017306680	United States Gypsum Company	2017313437	Greyscan Pty Ltd
2017306700	Icahn School of Medicine at Mount Sinai	2017313448	Newsouth Innovations Pty Limited; Hangzhou Cable Co Ltd
2017306794	Saipem S.p.A.	2017313494	National University Corporation Hokkaido University; FUSO Pharmaceutical Industries, Ltd.
2017306939	Sparkline Pte. Ltd.	2017313495	National University Corporation Hokkaido University; Fuso Pharmaceutical Industries, Ltd.
2017307276	Cox Powertrain Limited	2017313496	National University Corporation Hokkaido University; Fuso Pharmaceutical Industries, Ltd.
2017307431	Plumettaz Holding S.A.	2017313532	Rhinoclear Nasal Care Solutions Inc.
2017307649	Suncor Energy Inc.	2017313534	GB005, INC.
2017308120	Koios Medical, Inc.	2017313589	Caregen Co., Ltd.
2017308121	The Jackson Laboratory	2017313632	Joint Stock Company "BIOCAD"
2017308131	The Regents of the University of California	2017313725	In Queue Innovations, LLC
2017308214	PRC-DeSoto International, Inc.	2017313753	UWM Research Foundation, Inc.; The Trustees of Columbia University in the City of New York
2017308229	PRC-DeSoto International, Inc.	2017313818	Waymo LLC
2017308573	The Climate Corporation	2017313836	Joy Global Underground Mining LLC
2017308577	Rovi Guides, Inc.	2017313839	Intekrin Therapeutics, Inc.
2017308739	ELC Management LLC	2017313842	InteKrin Therapeutics, Inc.
2017308758	JPMorgan Chase Bank, N.A.	2017313843	Ebbu Inc.
2017309001	Dainihon Jochugiku Co., Ltd.	2017313906	University Of Georgia Research Foundation, Inc.
2017309392	Fertilizers And Chemicals Ltd; Plasto-Sac Ltd.	2017313917	The Regents of the University of California; Mali, P.; Katrekar, D.; Collado, A.M.
2017309412	Fisher & Paykel Healthcare Limited	2017313924	PPC Broadband, Inc.
2017309628	Feluwa Pumpen GmbH	2017314083	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017309850	Veganutritech LLP	2017314145	Bigben Interactive SA
2017310010	Ekato Rühr- Und Mischtechnik GmbH	2017314157	PGS Geophysical AS
2017310261	Etheredge, L.	2017314186	Fisher & Paykel Healthcare Limited
2017310269	Spinrite Inc.	2017314211	Olson, S.L.
2017310280	GEV Technologies Pty. Ltd	2017314481	Asytec Pty Ltd
2017310344	PreciThera, Inc.	2017315040	BP p.l.c.
2017310407	Corning Optical Communications LLC	2017315062	Suez International
2017310541	Aerose, Inc.	2017315221	De La Rue International Limited
2017310604	Sakata Inx Corporation	2017315235	Safedon Limited
2017310702	Kao Corporation	2017315273	Zogenix International Limited
2017310916	Innovent Biologics (Suzhou) Co., Ltd.	2017315353	Urnex Brands, LLC
2017311296	Magic Leap, Inc.	2017315358	The University of Massachusetts
2017311485	Almarode, M.	2017315360	i4C Innovations Inc.
2017311506	Medeon Biodesign, Inc.	2017315380	Glaxosmith Consume Healthcare Holdings (US) LLC
2017311515	Ball Corporation	2017315446	Calithera Biosciences, Inc.
2017311519	Seleggt GmbH	2017315447	Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College
2017311572	Sulfilatec, Inc.	2017315458	Crown Equipment Corporation
2017311670	Tata Communications (UK) Limited	2017315459	NGM Biopharmaceuticals, Inc.
2017311684	Ramot at Tel-Aviv University Ltd.	2017315464	Validose, Inc.
2017311836	Asahi Kasei Medical Co., Ltd.	2017315572	Beijing Innocare Pharma Tech Co., Ltd.
2017311927	National Institute of Advanced Industrial Science and Technology	2017315672	i4C Innovations Inc.
2017312102	Gilead Sciences, Inc.	2017315679	Akouos, Inc.; Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin represented by Board
2017312116	Solstice Biologics, Ltd.	2017315682	Sage Therapeutics, Inc.
2017312123	Becton, Dickinson and Company	2017315757	Imprimis Pharmaceuticals, Inc.
2017312209	Amrita Vishwa Vidyapeetham; Monash University	2017315767	NuPulseCV, Inc.
2017312211	Stimgenics, Llc	2017315863	Gilead Sciences, Inc.
2017312220	Nachurs Alpine Solutions	2017315886	Crown Equipment Corporation
2017312390	FourPhase AS	2017315947	EXCIVA UG (haftungsbeschränkt); Vepachedu, S.
2017312421	Neuravi Limited	2017316306	Stepan Company
2017312555	The Scripps Research Institute	2017316475	AI Therapeutics, Inc.
2017312561	NeuPharma, Inc.	2017316484	Strato, Inc.
2017312583	Consumer Products International LLC.	2017316584	Edgewell Personal Care Brands, LLC
2017312615	Scott Technologies, Inc.	2017316607	Rearden, LLC
2017312660	Adare Pharmaceuticals, Inc.	2017316641	Reiber, B.; Wright, P.
2017312716	Crystaphase Products, Inc.	2017316649	The Regents of the University of California
2017312734	Plenty Company, LLC	2017316663	Cho Pharma Inc.
2017312811	Insys Development Company, Inc.	2017317025	Kitty Hawk Corporation
2017312853	Novelis Inc.	2017317129	National Institute of Biological Sciences, Beijing
2017312887	United BioPharma, Inc.	2017317293	SEW-EURODRIVE GmbH & Co. KG
2017312955	Netflix, Inc.	2017317423	Terumo Kabushiki Kaisha
2017313044	Visual Physics, LLC		
2017313063	Afgin Pharma, Llc		
2017313074	Scott Technologies, Inc.		
2017313138	The Regents of the University of California		
2017313142	Myrfield Jr., W.		
2017313189	Siemens Mobility GmbH		
2017313344	Total Marketing Services		
2017313372	Neuro-Bio Ltd		
2017313388	Penprase, M.		

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2017317465	Fontaine Engineering und Maschinen GmbH	2017323632	Meduloc, LLC
2017317523	Navinta III Inc	2017323636	Corcept Therapeutics, Inc.
2017317643	Riocath Medical Devices, A.S.; Ustav Organicke Chemie A Biochemie AV CR, V.V.I.	2017323644	Forta Corporation
2017317651	Amabiotics	2017323663	BrainQ Technologies Ltd.
2017318141	NGI A/S	2017324150	Depuy Synthes Products, Inc.
2017318183	Amcort Flexibles Kreuzlingen Ltd.	2017324153	DePuy Synthes Products, Inc.
2017318277	Shell Internationale Research Maatschappij B.V.	2017324154	DePuy Synthes Products, Inc.
2017318279	Shell Internationale Research Maatschappij B.V.	2017324159	Neurovasc Technologies Inc.
2017318326	SIG Technology AG	2017324217	SWISS KRONO Tec AG
2017318406	GlaxoSmithKline Intellectual Property Development Limited	2017324397	Shell Internationale Research Maatschappij B.V.
2017318491	Uponor Infra Oy	2017324412	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.
2017318572	Allergan, Inc.	2017324457	EAS IP, LLC
2017318578	Shormann, D.E.	2017324655	Universite De Liege
2017318580	LifeCell Corporation	2017324724	Janssen Pharmaceutica NV
2017318652	8 Rivers Capital, LLC	2017324725	Janssen Pharmaceutica NV
2017318669	Denovo Biopharma LLC	2017324927	Boston Scientific Neuromodulation Corporation
2017318903	Eagle Industry Co., Ltd.	2017324961	Schlumberger Technology B.V.
2017319140	LifeCell Corporation	2017325024	The Texas A&M University System
2017319151	Memorial Sloan Kettering Cancer Center	2017325511	National University of Singapore; Singapore Health Services Pte Ltd
2017319418	Mollificio Bortolussi S.r.l.	2017325706	Qualcomm Incorporated
2017319511	Rovi Guides, Inc.	2017325800	Qualcomm Incorporated
2017319520	Aerie Pharmaceuticals, Inc.	2017325844	Gilead Sciences, Inc.
2017319602	Fisher & Paykel Healthcare Limited	2017325928	Nuts Holdings, LLC
2017319707	Intrexon Actobiotics N.V.	2017325973	Acceleron Pharma Inc.
2017319818	Cipla Limited	2017326014	Verb Surgical Inc.
2017319882	CRRC Qingdao Sifang Co., Ltd.	2017326462	Verb Surgical Inc.
2017320373	SEB S.A.	2017326514	Akzo Nobel Coatings International B.V.
2017320374	SEB S.A.	2017326982	Qualcomm Incorporated
2017320375	SEB S.A.	2017327140	Zeon Corporation; Yupo Corporation
2017320462	Designbanken AS	2017327356	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017320471	Vulco S.A.	2017327485	Dupont Nutrition Biosciences ApS
2017320472	Vulco S.A.	2017327504	Dupont Nutrition Biosciences ApS
2017320473	Vulco S.A.	2017327711	Seismos, Inc.
2017320601	TUNAP GmbH & Co. KG	2017327769	Universität Stuttgart
2017320736	ExxonMobil Upstream Research Company	2017327774	Linde AG
2017320741	Bayer CropScience Aktiengesellschaft	2017328113	Vivacity Labs Limited
2017320874	BioAtla, LLC	2017328613	F. Hoffmann-La Roche AG
2017320876	Schanbacher, C.	2017328903	The University of Sheffield
2017321215	Northrop Grumman Systems Corporation	2017329216	Essity Hygiene and Health Aktiebolag
2017321216	Northrop Grumman Systems Corporation	2017329775	Hilti Aktiengesellschaft
2017321286	NGM Biopharmaceuticals, Inc	2017330183	Qualcomm Incorporated
2017321331	Becton, Dickinson and Company	2017330184	Qualcomm Incorporated
2017321548	Mani, Inc.	2017330199	Apple Inc.
2017321592	Kimberly-Clark Worldwide, Inc.	2017330211	Apple Inc.
2017321619	Scholle IPN Corporation	2017330216	Qualcomm Incorporated
2017321696	One Scientific, Inc.	2017330277	Qualcomm Incorporated
2017321698	Keystone Tower Systems, Inc.	2017330370	Verb Surgical Inc.
2017321713	Kimberly-Clark Worldwide, Inc.	2017330605	Caffitaly System S.p.A.
2017321776	Apple Inc.	2017331116	Qualcomm Incorporated
2017321782	The General Hospital Corporation	2017331129	Qualcomm Incorporated
2017321810	Ironwood Pharmaceuticals, Inc.	2017331739	CSL Limited
2017321811	J-Lok Co.	2017331930	Idorsia Pharmaceuticals Ltd
2017321973	Dana-Farber Cancer Institute, Inc.	2017332127	Qualcomm Incorporated
2017322066	BAE Systems Bofors AB	2017332322	Siemens Aktiengesellschaft
2017322085	Ansell Limited	2017332357	Qualcomm Incorporated
2017322111	Duoject Medical Systems Inc.	2017332549	Qualcomm Incorporated
2017322167	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017332597	Qualcomm Incorporated
2017322196	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017332670	Qualcomm Incorporated
2017322238	Bioness Inc.	2017332696	Qualcomm Technologies, Inc.; Industry-Academic Cooperation Foundation, Yonsei University
2017322249	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017332867	Novartis AG
2017322256	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017332868	Novartis AG
2017322257	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017333145	Qualcomm Incorporated
2017322270	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017333170	Qualcomm Incorporated
2017322271	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2017333180	Wu, Z.
2017322371	Ares Trading S.A.	2017333416	IHC IQIP UK Ltd.
2017322689	VLP Lift Systems, LLC	2017333665	Qualcomm Incorporated
2017322697	Excision BioTherapeutics Inc	2017333674	Qualcomm Incorporated
2017322745	C.R. Bard, Inc.	2017333698	Bayer Pharma Aktiengesellschaft
2017323418	Rottapharm SpA	2017334220	Grey Technology Limited
2017323494	Disguise Technologies Limited		



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2017334335	Qualcomm Incorporated	2018205145	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017334367	Qualcomm Incorporated	2018217238	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017334368	Qualcomm Incorporated	2018229461	Funeral Service Workers Academy, Inc.
2017334537	Arthrex, Inc.	2018237087	Apple Inc.
2017334542	Qualcomm Incorporated	2018250387	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017334714	Qualcomm Incorporated	2018285958	Levtec Systems Pty Ltd
2017334720	Qualcomm Incorporated	2018286565	Zhang, Y.
2017334731	Qualcomm Incorporated	2018316354	Granular Products Assets Pty Ltd
2017334746	Qualcomm Incorporated		
2017334871	Qualcomm Incorporated		
2017334941	Qualcomm Incorporated		
2017335200	Neste Oyj		
2017335531	Qualcomm Incorporated		
2017335889	Qualcomm Incorporated		
2017335894	Qualcomm Incorporated		
2017336005	Qualcomm Incorporated		
2017336093	Ionis Pharmaceuticals, Inc.		
2017336178	Linde AG		
2017336254	Neste Oyj		
2017336437	RxSafe LLC		
2017336570	Pandrol Limited		
2017336670	Qualcomm Incorporated		
2017337034	Qualcomm Incorporated		
2017337056	Qualcomm Incorporated		
2017337339	Qualcomm Incorporated		
2017337341	Qualcomm Incorporated		
2017339943	Verb Surgical Inc.		
2017339976	Hendrickson USA, L.L.C.		
2017340125	CNH Industrial America LLC; Autonomous Solutions, Inc.		
2017340146	Qualcomm Incorporated		
2017340599	General Mills, Inc.		
2017340748	Qualcomm Incorporated		
2017341350	Recordati Industria Chimica E Farmaceutica SpA		
2017341568	Fukuda, A.		
2017342134	Iconic Intellectual Property Limited		
2017342212	Enfant Terrible Design AB		
2017342972	Electrolux Appliances Aktiebolag		
2017343042	Novartis AG		
2017343599	Nestec SA		
2017344425	Novartis AG		
2017344432	Novartis AG		
2017345049	Northrop Grumman Systems Corporation		
2017345235	Medical Components, Inc.		
2017345958	Gree Electric Appliances, Inc. of Zhuhai		
2017346860	K2M, Inc.		
2017346936	Biosceptre (UK) Limited		
2017347902	Dexcom, Inc.		
2017348076	E. I. du Pont de Nemours and Company		
2017349190	Yara Marine Technologies AS		
2017349343	Samsung Bioepis Co., Ltd.		
2017349597	Netafim Ltd		
2017349996	Bio.Lo.Ga. S.r.l.		
2017352686	CRRC Qingdao Sifang Co., Ltd.		
2017356366	Sony Semiconductor Solutions Corporation		
2017357544	Borealis AG		
2017358595	Northrop Grumman Systems Corporation		
2017359115	Biosurgical S.l		
2017369865	Teleki, P.		
2017373170	IHI Corporation		
2017385025	Dropbox, Inc.		
2017385026	Dropbox, Inc.		
2017385053	Dropbox, Inc.		
2017386055	Dropbox, Inc.		
2017386900	Dropbox, Inc.		
2017387655	Dropbox, Inc.		
2017404183	Grifols Engineering, S.A.		
2017407322	Yunteks Tekstil Sanayi Ve Ticaret Limited Şirketi		
2017410372	Wu, Y.		
2017415084	Avent, Inc.		
2017417166	Avent, Inc.		

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2016426800		2017322085	2017334220	2017308120	
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2017315360	2017300894	2017298592 2017300930 2017342972	2017343042 2017344425	2017322238	
<b><u>A01K 29 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47J 39 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61H 3 /-</u></b>	
2017315360 2017315672	2017298380 2017300894	2017300785	2016422171 2016423681 2017326014 2017330370 2017339943	2016417160 2017299983 2017301681 2017306700 2017311684 2017313917 2017319151 2017319707	
<b><u>A01K 45 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47J 42 /-</u></b>		<b><u>A61H 35 /-</u></b>	
2017311519	2017300894	2017315353			
<b><u>A01K 67 /-</u></b>	<b><u>A23L 7 /-</u></b>				
2017308121	2017300894 2017300930				
<b><u>A01M 25 /-</u></b>					
2017288553	2017300930 2017340599				
<b><u>A01N 25 /-</u></b>					
2017288553					

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2017325511	<b><u>A61K 49 /-</u></b>	<b><u>A61M 15 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01D 57 /-</u></b>
2017327504					
<b><u>A61K 36 /-</u></b>	2016423159	2017304882	2017297989		2017313437
	2017308121	2017315464	2017301978	2017302182	
	2017311927		2017302182	2017313632	<b><u>B01D 61 /-</u></b>
2017247696	2017313534	<b><u>A61M 16 /-</u></b>	2017310344	2017325511	
2017301978	2017333698		2017316475	2017325844	2017298020
2017311485		2017304882	2017332867		
2017313063	<b><u>A61K 51 /-</u></b>	2017309412	2017332868	<b><u>A61P 43 /-</u></b>	<b><u>B01D 63 /-</u></b>
2017313843		2017314186			
2017349996	2017298262	2017319602	<b><u>A61P 25 /-</u></b>	2017298256	2017298020
	2017313534			2017304898	
<b><u>A61K 38 /-</u></b>		<b><u>A61M 25 /-</u></b>	2017301966	2017325024	<b><u>B01F 3 /-</u></b>
	<b><u>A61K 8 /-</u></b>		2017304898		
2017298262		2016423681	2017311684	<b><u>A61P 7 /-</u></b>	2017305511
2017300392	2017310702	2017312421	2017313372		
2017305335	2017311572	2017314211	2017315273	2017325511	<b><u>B01F 7 /-</u></b>
2017305415	2017313063	2017317643	2017315447	2017325844	
2017310541	2017313589	2017322745	2017315682	2017325973	2017305511
2017311927		2017345235	2017315947		2017310010
2017315459	<b><u>A61K 9 /-</u></b>		2017317523	<b><u>A61P 9 /-</u></b>	<b><u>B01J 13 /-</u></b>
2017321286		<b><u>A61M 27 /-</u></b>	2017317651		
2017325973	2017297989		2017321810	2017298376	2017318572
2017331739	2017300392	2017314211		2017315947	
2017342134	2017305415		<b><u>A61P 27 /-</u></b>	2017331930	<b><u>B01J 19 /-</u></b>
	2017312660	<b><u>A61M 3 /-</u></b>			
<b><u>A61K 39 /-</u></b>	2017312811		2017315447	<b><u>A61Q 19 /-</u></b>	2017322167
	2017313063	2017299226	2017315682		2017322196
2017299125	2017315757	2017313532	2017317129	2017310702	2017322249
2017303974	2017315947			<b><u>A61Q 5 /-</u></b>	2017322256
2017310344	2017317523	<b><u>A61M 39 /-</u></b>	<b><u>A61P 29 /-</u></b>		2017322270
2017310541	2017320876			2017310702	2017324412
2017310916	2017341350	2017322745	2017301978		
2017313494	2017346936	<b><u>A61M 5 /-</u></b>	2017325844	<b><u>A61Q 7 /-</u></b>	<b><u>B01J 20 /-</u></b>
2017313495					
2017313496	<b><u>A61L 15 /-</u></b>	2017321331	<b><u>A61P 3 /-</u></b>	2017313589	2017299679
2017313632		2017322111			2017312716
2017316663	2016420321	2017322745	2017298376	<b><u>A62B 18 /-</u></b>	2017313436
2017318406	2017321713		2017301978		
2017319707	<b><u>A61L 2 /-</u></b>	<b><u>A61N 1 /-</u></b>	2017315273	2017312615	<b><u>B01J 21 /-</u></b>
2017320874			2017315682		
2017321973	2017302211	2017297239	2017321286	<b><u>A63F 13 /-</u></b>	2017315040
2017325024	2017404183	2017312211	2017324724		2017318277
2017346936		2017323663	2017324725	2017314145	2017318279
	<b><u>A61L 27 /-</u></b>	2017324927	<b><u>A61P 31 /-</u></b>	<b><u>A63G 31 /-</u></b>	<b><u>B01J 23 /-</u></b>
<b><u>A61K 45 /-</u></b>					
	2017318580	<b><u>A61N 2 /-</u></b>	2017312102	2017298227	2017315040
2017301681			2017313494		2017318277
2017311927	<b><u>A61L 29 /-</u></b>	2017323663	2017313495	<b><u>B01D 29 /-</u></b>	2017318279
2017315273			2017313496		
2017315447	2017317423	<b><u>A61P 1 /-</u></b>	2017320876	2017359115	<b><u>B01J 35 /-</u></b>
2017315757			2017324655		
2017316475	<b><u>A61L 31 /-</u></b>	2017321286	2017327504	<b><u>B01D 35 /-</u></b>	2017318277
			2017349996		2017318279
<b><u>A61K 47 /-</u></b>	2017317423	<b><u>A61P 11 /-</u></b>		2017312734	
			<b><u>A61P 33 /-</u></b>		<b><u>B01J 37 /-</u></b>
2017297989	<b><u>A61L 9 /-</u></b>	2017313753		<b><u>B01D 39 /-</u></b>	
2017310344		2017325024	2017313496		2017318277
2017312811	2017302211			2017311836	2017318279
2017313589		<b><u>A61P 13 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01D 47 /-</u></b>	<b><u>B01J 38 /-</u></b>
2017315757	<b><u>A61M 1 /-</u></b>				
2017315947		2016417160	2017297989	<b><u>B01D 53 /-</u></b>	<b><u>B01J 8 /-</u></b>
2017331739	2016421331	2017298376	2017302182	2016420006	2017315040
2017346936	2017311836	2017311572	2017310541		
	2017315767	<b><u>A61P 15 /-</u></b>	2017311927		
<b><u>A61K 48 /-</u></b>	2017319140		2017313494	2016420006	2017304583
	2017359115	2017313496	2017313495	2017312716	
2017297622	<b><u>A61M 11 /-</u></b>	<b><u>A61P 17 /-</u></b>	2017313496	2017318277	<b><u>B01L 3 /-</u></b>
2017298385			2017315446	2017318279	
2017315679	2017304882	2017302182	2017315572	2017373170	2017359115
	2017313532	2017349996	2017316475		
	2017315464		2017325844		
			2017346936		

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<b><u>B03C 5 /-</u></b>	<b><u>B24B 55 /-</u></b>	<b><u>B29C 37 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B65B 9 /-</u></b>	<b><u>C02F 1 /-</u></b>
2016420006	2017316484	2017315235	2016421893 2017327140	2017336437	2017298020 2017299679 2017312734 2017313906 2017316641
<b><u>B03D 1 /-</u></b>	<b><u>B24D 13 /-</u></b>	<b><u>B29C 39 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B65D 41 /-</u></b>	
2016419983 2017305865 2017320472	2016421095	2017345235	2016421893	2017315380	
<b><u>B03D 103 /-</u></b>	<b><u>B24D 5 /-</u></b>	<b><u>B29C 41 /-</u></b>	<b><u>B32B 9 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>C02F 101 /-</u></b>
2016419983	2016421095	2017315235	2017313448	2017321619	2017299679 2017315062
<b><u>B04C 11 /-</u></b>	<b><u>B24D 7 /-</u></b>	<b><u>B29C 48 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>C02F 103 /-</u></b>
2017320473	2016421095	2017305511	2017310604	2017321619	2017298020
<b><u>B04C 5 /-</u></b>	<b><u>B25B 29 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B41M 1 /-</u></b>	<b><u>B65D 55 /-</u></b>	<b><u>C02F 11 /-</u></b>
2017299775 2017320471 2017320472 2017320473	2017320462	2017308739	2017311515	2017304820	2017315062
<b><u>B05C 11 /-</u></b>	<b><u>B25J 13 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B41M 3 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C02F 3 /-</u></b>
2017306680	2017305864 2017330370	2017318326 2017345235	2017313044 2017315221	2017318183	2017315062
<b><u>B05C 3 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B29C 73 /-</u></b>	<b><u>B41M 5 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C04B 26 /-</u></b>
2017306680	2017305864	2017312583	2017310604	2017321619	2017329775
<b><u>B07C 5 /-</u></b>	<b><u>B26B 21 /-</u></b>	<b><u>B29D 23 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C04B 28 /-</u></b>
2017305864	2017316584	2017322167	2017313044 2017315221	2016419033 2017300785 2017309392 2017318183	2017305533 2017329775
<b><u>B08B 7 /-</u></b>	<b><u>B27N 1 /-</u></b>	<b><u>B29D 30 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C04B 40 /-</u></b>
2017315353	2017324217	2017312583	2017304182	2017330605	2017329775
<b><u>B21C 37 /-</u></b>	<b><u>B27N 3 /-</u></b>	<b><u>B29D 99 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C05F 11 /-</u></b>
2017321698	2017324217	2017315235	2017302396	2017313388	2017312220
<b><u>B21F 15 /-</u></b>	<b><u>B28B 1 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B60K 17 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C07C 11 /-</u></b>
2017341568	2017305511 2017306680	2017308739	2016419822	2017313388	2017304583
<b><u>B21H 3 /-</u></b>	<b><u>B28B 19 /-</u></b>	<b><u>B29L 9 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C07C 5 /-</u></b>
2017341568	2017306680	2017318326	2017302462	2016419033	2017304583
<b><u>B23P 19 /-</u></b>	<b><u>B28B 3 /-</u></b>	<b><u>B30B 11 /-</u></b>	<b><u>B61D 1 /-</u></b>	<b><u>B66F 9 /-</u></b>	<b><u>C07C 51 /-</u></b>
2017320462	2017305511	2017315353	2017319882	2017315458 2017315886	2017303971
<b><u>B23Q 15 /-</u></b>	<b><u>B28B 5 /-</u></b>	<b><u>B30B 5 /-</u></b>	<b><u>B61D 25 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07D 231 /-</u></b>
2017313142	2017305511	2017324217	2017352686	2017321619	2017315572 2017315682 2017324724 2017324725 2017332867
<b><u>B24B 1 /-</u></b>	<b><u>B28C 5 /-</u></b>	<b><u>B30B 9 /-</u></b>	<b><u>B62D 7 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C07D 239 /-</u></b>
2017316484	2017305511	2017410372	2017339976	2017298380	2017312561
<b><u>B24B 41 /-</u></b>	<b><u>B29B 7 /-</u></b>	<b><u>B32B 15 /-</u></b>	<b><u>B63B 25 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07D 257 /-</u></b>
2017316484	2017305511	2017313448	2017310280	2017305523 2017324397	2017333698
<b><u>B24B 49 /-</u></b>	<b><u>B29C 33 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>C01B 37 /-</u></b>	<b><u>C07D 311 /-</u></b>
2017316484	2016421893 2017327140	2016421893 2017333180	2017310280 2017333180	2016417175	2017321782
<b><u>B24B 5 /-</u></b>	<b><u>B29C 35 /-</u></b>	<b><u>B32B 37 /-</u></b>	<b><u>B64C 3 /-</u></b>	<b><u>C01D 15 /-</u></b>	
2017316484	2017345235	2016421893 2017313448	2017318578	2017308214	

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<b><u>C07D 401 /-</u></b>	<b><u>C07H 21 /-</u></b>	2017322256 2017322270 2017324412	<b><u>C09D 11 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C21B 13 /-</u></b>
2017312102 2017313534 2017324724 2017324725 2017325511	2017297622 2017312116 2017313839 2017313842	<b><u>C08F 220 /-</u></b>	2017310604	2017313494 2017313495 2017313496	2017299295
<b><u>C07D 403 /-</u></b>	<b><u>C07K 14 /-</u></b>	2017317423	<b><u>C09D 127 /-</u></b>		<b><u>C21D 6 /-</u></b>
2017313534 2017324725	2017303974 2017304900 2017305335 2017310344	<b><u>C08G 18 /-</u></b>	2017326514	<b><u>C12N 15 /-</u></b>	2018237087
<b><u>C07D 405 /-</u></b>	2017311927 2017315447 2017315679 2017319151	<b><u>C08G 59 /-</u></b>	<b><u>C09D 167 /-</u></b>	2017298385 2017305335 2017308121 2017311927 2017313494 2017313495 2017313496 2017313632 2017313839 2017313842 2017313917 2017315679 2017319707 2017336093	<b><u>C21D 8 /-</u></b>
2017324724 2017324725	2017321286 2017322697 2017325973 2017331739	2017315358 2017316306	<b><u>C09J 11 /-</u></b>		2018237087
<b><u>C07D 409 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08G 63 /-</u></b>	2017327140	<b><u>C09J 133 /-</u></b>	<b><u>C22B 1 /-</u></b>
2017298256 2017313534 2017324724 2017324725	2017298535 2017299125 2017310344 2017312555 2017312887 2017313494 2017313495 2017313496 2017313632 2017316649 2017316663 2017318406 2017319151 2017320874 2017321973 2017322371 2017327769 2017328903 2017331739	2017316306	<b><u>C09J 4 /-</u></b>	<b><u>C09J 133 /-</u></b>	2017299295
<b><u>C07D 413 /-</u></b>	<b><u>C08J 3 /-</u></b>	2017316306	2017315358	<b><u>C09J 133 /-</u></b>	<b><u>C22B 3 /-</u></b>
2017313534 2017325511	<b><u>C08J 5 /-</u></b>	2017318491	<b><u>C09K 4 /-</u></b>	<b><u>C09K 3 /-</u></b>	2016419983
<b><u>C07D 417 /-</u></b>	2016420321 2017322196 2017322249 2017322256 2017322257 2017322270 2017322271	<b><u>C08J 9 /-</u></b>	2017329775	<b><u>C12N 5 /-</u></b>	<b><u>C22B 5 /-</u></b>
2017313534 2017315446	2017313496 2017313632 2017316649	2017327140	<b><u>C09K 8 /-</u></b>	2017306700 2017313494 2017313495 2017313496 2017319151 2017322371 2017325511 2017328903 2017349343	2017299295
<b><u>C07D 471 /-</u></b>	<b><u>C08J 9 /-</u></b>	<b><u>C08J 9 /-</u></b>	<b><u>C10G 19 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>C22C 1 /-</u></b>
2017313390 2017313534 2017314083 2017315572 2017321810 2017332868	2017316663 2017318406 2017319151 2017320874 2017321973 2017322371 2017327769 2017328903 2017331739	2017327140	2017312716	2017299983	2017306581
<b><u>C07D 487 /-</u></b>	<b><u>C07K 17 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10G 25 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>C22C 14 /-</u></b>
2017313753 2017315863 2017321810 2017324655	2017310344	2017357544	2017303971 2017312716	2017309850 2017312555 2017313917 2017322697	2017306581
<b><u>C07D 491 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C08L 15 /-</u></b>	<b><u>C10G 3 /-</u></b>	<b><u>C12P 1 /-</u></b>	<b><u>C22C 16 /-</u></b>
2017317523	2017310541 2017311927 2017313589 2017316649 2017325973	2017348076	2017303971	2017322371	2017306581
<b><u>C07D 495 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C10G 53 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>C22C 21 /-</u></b>
2017298256	2017310344	2017322167 2017322196 2017322249 2017322256 2017322257 2017322270 2017322271 2017324412 2017348076	2017312716	2017313494 2017313495 2017313496 2017349343	2017312853
<b><u>C07D 513 /-</u></b>	2017311927 2017312209	<b><u>C08L 63 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>C22C 27 /-</u></b>
2017302182	<b><u>C07K 7 /-</u></b>	2017316306	2017313344 2017320601	2017313494 2017313495 2017313496 2017349343	2017306581
<b><u>C07D 519 /-</u></b>	2017310344 2017311927 2017312209 2017313589	<b><u>C08L 67 /-</u></b>	<b><u>C10L 10 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>C22C 28 /-</u></b>
2017313390 2017314083 2017315863	2017310344 2017311927 2017312209 2017313589	2017316306	2017313344 2017320601	2017313138 2017313839 2017313842 2017318669 2017327504 2017328613	2017306581
<b><u>C07F 9 /-</u></b>	<b><u>C08F 2 /-</u></b>	<b><u>C08L 7 /-</u></b>	<b><u>C11B 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>C22C 38 /-</u></b>
2017312116 2017331930	2017315358 2017322167 2017322196 2017322249	2017348076	2016420879	2017327485 2017327504	2018237087
		<b><u>C08L 9 /-</u></b>	<b><u>C11B 3 /-</u></b>		<b><u>C22C 32 /-</u></b>
		2017348076	2017335200 2017336254		2017306581
			<b><u>C11C 1 /-</u></b>		<b><u>C22C 38 /-</u></b>
			2017336254		2018237087
			<b><u>C11D 1 /-</u></b>		<b><u>C22F 1 /-</u></b>
			2017310702		2017312853
					<b><u>C23C 2 /-</u></b>
					2017317465
					<b><u>C23C 22 /-</u></b>
					2017308214 2017308229
					<b><u>C23C 8 /-</u></b>
					2018237087

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<b><u>C25B 1 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F02C 3 /-</u></b>	<b><u>F16P 3 /-</u></b>	<b><u>G01B 5 /-</u></b>
2017332322	2017298574	2017306794	2017318652	2017299950	2017310261
<b><u>C25B 11 /-</u></b>	<b><u>E02B 3 /-</u></b>	2017312390	<b><u>F02F 1 /-</u></b>	<b><u>F17C 1 /-</u></b>	<b><u>G01C 21 /-</u></b>
2017332322	2016420308	2017322689	2017307276	2017310280	2016420400
<b><u>C25B 15 /-</u></b>	<b><u>E02D 13 /-</u></b>	2017324961	<b><u>F04B 47 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>G01F 1 /-</u></b>
2017332322	2017333416	<b><u>E21B 47 /-</u></b>	2017322689	2016426102	2016419983
<b><u>C25B 3 /-</u></b>	<b><u>E02D 23 /-</u></b>	2016427008	<b><u>F04B 53 /-</u></b>	2017327774	2017304882
2017332322	2016420308	2017320736	2017309628	2017336178	2017319818
<b><u>C25D 11 /-</u></b>	<b><u>E02D 25 /-</u></b>	2017327711	2017322689	<b><u>F17C 5 /-</u></b>	<b><u>G01J 3 /-</u></b>
2017312853	2016420308	<b><u>E21B 49 /-</u></b>	2017322689	2017310280	2017308573
<b><u>D01D 1 /-</u></b>	<b><u>E02F 9 /-</u></b>	2016425994	<b><u>F04D 29 /-</u></b>	<b><u>F21K 9 /-</u></b>	<b><u>G01L 19 /-</u></b>
2017323644	2016419981	2017327711	2017295552	2017302211	2016424336
<b><u>D01D 5 /-</u></b>	<b><u>E04C 5 /-</u></b>	<b><u>E21C 25 /-</u></b>	<b><u>F16B 39 /-</u></b>	<b><u>F21V 29 /-</u></b>	<b><u>G01L 9 /-</u></b>
2017323644	2017341568	2017313836	2017320462	2017302211	2016424336
<b><u>D01F 8 /-</u></b>	<b><u>E04F 13 /-</u></b>	2018286565	<b><u>F16F 9 /-</u></b>	<b><u>F21Y 113 /-</u></b>	<b><u>G01N 1 /-</u></b>
2017323644	2017305532	<b><u>E21C 27 /-</u></b>	2017298026	2017302211	2017312123
<b><u>D02G 3 /-</u></b>	<b><u>E04F 17 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F16J 1 /-</u></b>	<b><u>F21Y 115 /-</u></b>	2017314481
2017407322	2017302396	2016421317	2017322689	2017302211	2017359115
<b><u>D04D 7 /-</u></b>	<b><u>E04F 21 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F22B 35 /-</u></b>	<b><u>G01N 15 /-</u></b>
2017407322	2018285958	2017321811	2017318903	2017318652	2016421905
<b><u>D04H 13 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>E21D 9 /-</u></b>	<b><u>F16K 1 /-</u></b>	<b><u>F23L 7 /-</u></b>	<b><u>G01N 23 /-</u></b>
2017321592	2017294799	2016421317	2017322689	2017318652	2017369865
<b><u>D04H 18 /-</u></b>	2017295316	<b><u>E21F 13 /-</u></b>	<b><u>F16K 15 /-</u></b>	<b><u>F23R 3 /-</u></b>	<b><u>G01N 25 /-</u></b>
2016421325	2017341568	<b><u>F01D 1 /-</u></b>	2017309628	2017296362	2017324217
<b><u>D04H 3 /-</u></b>	<b><u>E06B 3 /-</u></b>	2017318578	<b><u>F16L 1 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01N 27 /-</u></b>
2016421325	2017304185	<b><u>F01D 5 /-</u></b>	2017306794	2017302396	2017313436
<b><u>D04H 5 /-</u></b>	2017305532	2017318578	2017324457	<b><u>F25D 11 /-</u></b>	2017313437
2016421325	<b><u>E06B 9 /-</u></b>	<b><u>F01K 13 /-</u></b>	<b><u>F16L 23 /-</u></b>	2016419033	<b><u>G01N 30 /-</u></b>
<b><u>D06M 13 /-</u></b>	2017303258	<b><u>F01K 25 /-</u></b>	2017302396	<b><u>F25J 1 /-</u></b>	2016425994
2017309001	2017304185	2017318652	2017320462	2017305523	2017304900
<b><u>D06M 23 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F01K 25 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F25J 3 /-</u></b>	2017311519
2017309001	2016425819	2017318652	2017306794	2017305523	2017311572
<b><u>D06P 1 /-</u></b>	2016425985	<b><u>F01N 11 /-</u></b>	<b><u>F16L 9 /-</u></b>	2017318652	2017312123
2017299652	<b><u>E21B 33 /-</u></b>	2017349190	2017322167	<b><u>F41G 3 /-</u></b>	2017313437
<b><u>E01B 25 /-</u></b>	2016429683	<b><u>F01N 3 /-</u></b>	2017349597	2017322066	2017313534
2017322238	<b><u>E21B 34 /-</u></b>	<b><u>F02B 25 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>G01B 11 /-</u></b>	2017316663
<b><u>E01B 9 /-</u></b>	2016425819	2017349190	2017318141	2017310261	2017320874
2017336570	<b><u>E21B 41 /-</u></b>	<b><u>F02B 75 /-</u></b>	<b><u>F16M 13 /-</u></b>	<b><u>G01B 15 /-</u></b>	2017327504
	2016425819	2017307276	2017298574	2017369865	2017328903
		<b><u>F02B 75 /-</u></b>	<b><u>F16M 7 /-</u></b>		2017342134
		2017307276	2017318141		<b><u>G01S 5 /-</u></b>
					2016420400

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<b><u>G01V 1/-</u></b>		<b><u>G06Q 50/-</u></b>	<b><u>G11C 11/-</u></b>	<b><u>H03F 1/-</u></b>	2017336670 2017337034
2016426667	<b><u>G06F 17/-</u></b>	2017305636	2017321215	2017300783	
2016427008	2017295316	2017313074	2017332696		<b><u>H04M 3/-</u></b>
2017314157	2017300086	2017313818		<b><u>H03F 3/-</u></b>	2017305245
2017327711	2017304227	2018217238	<b><u>G11C 7/-</u></b>	2017300783	
	2017304396	2018229461	2017332696		<b><u>H04M 7/-</u></b>
<b><u>G02B 23/-</u></b>	2017330184			<b><u>H03K 19/-</u></b>	2017305245
2017299226	2017386055	<b><u>G06T 15/-</u></b>	<b><u>G11C 8/-</u></b>	2017321215	
		2017311296	2017334714	2017321216	<b><u>H04N 21/-</u></b>
<b><u>G02B 26/-</u></b>	<b><u>G06F 21/-</u></b>				2017308577
2017298227	2017300086	<b><u>G06T 17/-</u></b>	<b><u>G16C 10/-</u></b>	<b><u>H03K 3/-</u></b>	2017319511
	2017302538	2017311296	2017299427	2017321215	2017356366
<b><u>G02B 6/-</u></b>	2017386900		2017308120	2017321216	
2017310407	<b><u>G06F 3/-</u></b>	<b><u>G06T 19/-</u></b>	2017315464		<b><u>H04N 5/-</u></b>
	2017314145	2017311296		<b><u>H04B 1/-</u></b>	2017319511
<b><u>G02F 1/-</u></b>	2017330199	<b><u>G06T 3/-</u></b>	<b><u>H01B 1/-</u></b>	2017302538	
2017303258	2017330211		2017313448	2017332549	<b><u>H04Q 1/-</u></b>
		2017304227	<b><u>H01B 13/-</u></b>	2017356366	2017305245
<b><u>G03G 15/-</u></b>	<b><u>G06F 7/-</u></b>	2017343042		<b><u>H04B 7/-</u></b>	
2016420865	2017330184		2017313448	2017334542	<b><u>H04S 7/-</u></b>
2017311515	<b><u>G06F 8/-</u></b>	<b><u>G06T 7/-</u></b>		2017334720	2017330199
	2017385053	2017300877	<b><u>H01L 39/-</u></b>	2017335531	
<b><u>G03G 21/-</u></b>		2017304227			<b><u>H04W 12/-</u></b>
2016420865	<b><u>G06F 9/-</u></b>	2017308120	2017345049	<b><u>H04H 20/-</u></b>	2017331116
2017311515	2017325800	2017308573	2017358595	2017302538	
	2017330183	2017328113		2017356366	<b><u>H04W 16/-</u></b>
<b><u>G03H 1/-</u></b>	2017332597	2017369865	<b><u>H01M 4/-</u></b>		
2017298227	2017385053		2017313906	<b><u>H04H 60/-</u></b>	2017333674
		<b><u>G07C 9/-</u></b>	2017321696		2017340146
<b><u>G05B 19/-</u></b>	<b><u>G06K 19/-</u></b>	2017313074	<b><u>H01M 8/-</u></b>	2017356366	
2017295316	2017295314				<b><u>H04W 24/-</u></b>
2017305172		<b><u>G08B 21/-</u></b>	2017321696	<b><u>H04L 1/-</u></b>	2017334367
2017345958	<b><u>G06K 9/-</u></b>	2017298352	<b><u>H01R 13/-</u></b>	2017333145	
	2017300877	2017342212		2017333665	<b><u>H04W 36/-</u></b>
<b><u>G05B 23/-</u></b>	20173008120	<b><u>G08G 1/-</u></b>	2017313924	2017340748	2017325706
2017305172	2017308573	2017299950	<b><u>H01R 9/-</u></b>	<b><u>H04L 12/-</u></b>	
	2017328113	2017328113		2017311670	<b><u>H04W 4/-</u></b>
<b><u>G05D 1/-</u></b>	<b><u>G06Q 10/-</u></b>	<b><u>G09B 19/-</u></b>	2017313924	2017312955	
2017302462		2017310269	<b><u>H02G 1/-</u></b>		2017316607
2017313818	2017305636	2017321776		<b><u>H04L 27/-</u></b>	2017331116
2017315458	2017306939		2017307431		2017337034
2017315886	2017308758	<b><u>G09B 23/-</u></b>		2017330277	2017337056
	2017313074	2016416631	<b><u>H02K 3/-</u></b>	2017334335	
<b><u>G05G 13/-</u></b>	2017323494		2018250387	<b><u>H04L 29/-</u></b>	2017335889
2017317025	2017385025	<b><u>G09B 5/-</u></b>	<b><u>H02K 5/-</u></b>	2017333170	
	2017385026	2017310269	2017302493	<b><u>H04L 5/-</u></b>	2017337339
<b><u>G06F 11/-</u></b>	2017387655				2017337034
2017306939	2018205145	<b><u>G09F 19/-</u></b>	<b><u>H02P 5/-</u></b>	2017330216	
2017313189		2017298227		2017330277	<b><u>H04W 64/-</u></b>
2017325928	<b><u>G06Q 20/-</u></b>		2017317293	2017331129	
	2017295314	<b><u>G09F 3/-</u></b>		2017332670	<b><u>H04W 72/-</u></b>
<b><u>G06F 12/-</u></b>	<b><u>G06Q 30/-</u></b>	2017327140	<b><u>H02S 20/-</u></b>	2017334335	
2017325800				2017334367	2016415599
2017325928	2016419487	<b><u>G09G 5/-</u></b>	2017303258	2017334368	2017325706
2017334714	2017306939	2017298227	2017304185	2017334720	2017326982
				2017334731	2017332127
<b><u>G06F 16/-</u></b>	<b><u>G06Q 40/-</u></b>	2017298227	<b><u>H03D 7/-</u></b>	2017334871	2017334368
2017295316	2017295314	2017330211		2017334941	2017334720
2017299435			2017332549	2017335531	2017334871
2017306939				2017335889	2017337056
				2017335894	

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2017337341

**H04W 74 /-**

2017332357

2017333674

2017334720

2017334746

2017336670

2017340146

**H04W 76 /-**

2017336005

**H04W 88 /-**

2017330277



Applications Accepted

Name Index

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(71) 101288550 Saskatchewan Ltd.  
 (11) AU-B-2016318238  
 (21) 2016318238 (22) 08.09.2016  
 (54) Combine header reel apparatus for sunflowers  
 (51) Int. Cl.  
*A01D 45/00* ( 2006.01 )  
*A01D 41/06* ( 2006.01 )  
*A01D 57/02* ( 2006.01 )  
 (87) WO2017/041177  
 (31) 2903894 (32) 11.09.15 (33) CA  
 (43) 16.03.2017  
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 (72) Dietrich, Dave  
 (74) FB Rice Pty Ltd

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 (11) AU-B-2016301347  
 (21) 2016301347 (22) 04.08.2016  
 (54) Filter media for respiratory protection comprising iron-doped manganese oxide  
 (51) Int. Cl.  
*A62B 18/00* ( 2006.01 )  
*A62B 19/00* ( 2006.01 )  
*B01D 53/02* ( 2006.01 )  
*B01J 20/02* ( 2006.01 )  
*B01J 20/28* ( 2006.01 )  
 (87) WO2017/024116  
 (31) 62201,691 (32) 06.08.15 (33) US  
 (43) 09.02.2017  
 (44) 07.03.2019  
 (72) Rankin, Matthew A.; Dahn, Jeffrey R.; Ma, Xiaowei  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-B-2015209466  
 (21) 2015209466 (22) 21.01.2015  
 (54) Abuse and misuse deterrent transdermal systems  
 (51) Int. Cl.  
*C08F 214/26* ( 2006.01 )  
*C08F 214/18* ( 2006.01 )  
 (87) WO2015/112563  
 (31) 61/930,104 (32) 22.01.14 (33) US  
 61/930,090 22.01.14 US  
 62/014,721 20.06.14 US  
 62/014,723 20.06.14 US  
 62/083,620 24.11.14 US  
 (43) 30.07.2015  
 (44) 07.03.2019  
 (72) Enscore, David James; Tagliaferri, Frank; Damon, Steven Paul; Smith, Alan; Gaulding, Jeffrey C.  
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 (21) 2017204829

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 (11) AU-B-2015237307  
 (21) 2015237307 (22) 27.03.2015  
 (54) Method for associating media files with additional content  
 (51) Int. Cl.  
*H04N 21/262* ( 2011.01 )  
*H04N 21/25* ( 2011.01 )  
*H04N 21/44* ( 2011.01 )  
*H04N 21/458* ( 2011.01 )  
*H04N 21/61* ( 2011.01 )  
*H04N 21/654* ( 2011.01 )  
*H04N 21/80* ( 2011.01 )  
 (87) WO2015/147739  
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 (43) 01.10.2015  
 (44) 07.03.2019  
 (72) Billgren, Johan; Emtinger, Mikael; Ahlstrand, Lars Markus  
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 (21) 2017232151 (22) 21.09.2017  
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 (51) Int. Cl.  
*G06F 9/44* ( 2006.01 )  
 (31) 15/469,147 (32) 24.03.17 (33) US  
 (43) 11.10.2018  
 (44) 07.03.2019  
 (72) WAGENKNECHT, Dominik; LANCASTER, Matthew D.; RENALIAS, Oscar  
 (74) Murray Trento & Associates Pty Ltd

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 (11) AU-B-2014310317  
 (21) 2014310317 (22) 18.08.2014  
 (54) Duloxetine enteric coated tablet  
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*A61K 9/28* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )  
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 (21) 2016266044 (22) 01.12.2016  
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*H04L 12/18* ( 2006.01 )  
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 (21) 2015291733 (22) 22.05.2015  
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 (51) Int. Cl.  
*C25B 3/10* ( 2006.01 )  
*C07C 1/207* ( 2006.01 )  
*C10G 3/00* ( 2006.01 )  
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 (51) Int. Cl.  
*E01F 13/02* ( 2006.01 )  
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 (31) 1401017.7 (32) 21.01.14 (33) GB  
 1401016.9 21.01.14 GB  
 1401019.3 21.01.14 GB  
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.  
*F26B 3/00* ( 2006.01 )  
*C02F 11/00* ( 2006.01 )  
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 2014100146 18.02.14 AU  
 2013904134 25.10.13 AU  
 (43) 26.03.2015  
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Applications Accepted - Name Index cont'd

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 (51) Int. Cl.  
*A61K 31/4174* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
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 (21) 2015221502 (22) 03.09.2015  
 (54) Composite material panel for a railway vehicle and method for manufacturing a composite material panel of a railway vehicle  
 (51) Int. Cl.  
*B61D 17/00* ( 2006.01 )  
*F16S 1/10* ( 2006.01 )  
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*H04L 12/701* ( 2013.01 )  
*H04L 29/12* ( 2006.01 )  
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*B65D 55/02* ( 2006.01 )  
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*B65D 41/34* ( 2006.01 )  
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**C11D 1/90** ( 2006.01 )  
**C11D 3/43** ( 2006.01 )  
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**(54)** Mold and Mildew Stain Removing Solution  
**(51)** Int. Cl.  
**C11D 3/43** ( 2006.01 )  
**C11D 1/75** ( 2006.01 )  
**C11D 1/825** ( 2006.01 )  
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**C11D 3/22** ( 2006.01 )  
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**(51)** Int. Cl.  
**C21D 1/00** ( 2006.01 )  
**B21B 1/085** ( 2006.01 )  
**B21B 45/02** ( 2006.01 )  
**C21D 9/04** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )  
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**A61B 3/10** ( 2006.01 )  
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**(62)** 2015210638  
**(72)** Jandeleit, Bernd; Fischer, Wolf-Nicolas; Koller, Kerry J.  
**(74)** MINTER ELLISON

**(71)** Qualcomm Incorporated  
**(11)** AU-B-2016233794  
**(21)** 2016233794 **(22)** 26.02.2016  
**(54)** Self-contained time division duplex (TDD) subframe structure for wireless communications  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04L 5/14** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2016/148877  
**(31)** 14/943,796 **(32)** 17.11.15 **(33)** US  
 62/133,390 15.03.15 US  
**(43)** 22.09.2016  
**(44)** 07.03.2019  
**(72)** Mukkavilli, Krishna Kiran; Ji, Tingfang; Bhushan, Naga; Soriaga, Joseph Binamira; Gaal, Peter; Smee, John Edward; Jiang, Jing  
**(74)** Madderns Pty Ltd

**(71)** QuiaPEG Pharmaceuticals AB  
**(11)** AU-B-2017202265  
**(21)** 2017202265 **(22)** 06.04.2017  
**(54)** Functionalized polymers  
**(51)** Int. Cl.  
**C07F 9/09** ( 2006.01 )  
**C07F 9/165** ( 2006.01 )  
**C07F 9/24** ( 2006.01 )  
**C08G 81/00** ( 2006.01 )  
**(43)** 27.04.2017  
**(44)** 07.03.2019  
**(62)** 2011342896  
**(72)** Kwiatkowski, Marek  
**(74)** Shelston IP Pty Ltd.

**(71)** Radux Devices, LLC  
**(11)** AU-B-2014321328  
**(21)** 2014321328 **(22)** 19.09.2014  
**(54)** Lock-block shield device  
**(51)** Int. Cl.  
**A61B 6/10** ( 2006.01 )  
**G21F 3/00** ( 2006.01 )  
**(87)** WO2015/042419  
**(31)** 61/880,216 **(32)** 20.09.13 **(33)** US  
**(43)** 26.03.2015  
**(44)** 07.03.2019  
**(72)** Gordon, Gregory  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** Reactive Technologies Limited  
**(11)** AU-B-2014345728

**(21)** 2014345728 **(22)** 04.11.2014  
**(54)** Grid frequency response  
**(51)** Int. Cl.  
**H02J 3/00** ( 2006.01 )  
**G01R 19/25** ( 2006.01 )  
**(87)** WO2015/067602  
**(31)** 1319624.1 **(32)** 06.11.13 **(33)** GB  
**(43)** 14.05.2015  
**(44)** 07.03.2019  
**(72)** Huomo, Heikki; Alakontiola, Jukka  
**(74)** Spruson & Ferguson

**(71)** Reactive Technologies Limited  
**(11)** AU-B-2015246228  
**(21)** 2015246228 **(22)** 26.03.2015  
**(54)** Frequency response  
**(51)** Int. Cl.  
**H02J 3/38** ( 2006.01 )  
**H02J 3/14** ( 2006.01 )  
**(87)** WO2015/158525  
**(31)** 1406791.2 **(32)** 15.04.14 **(33)** GB  
**(43)** 22.10.2015  
**(44)** 07.03.2019  
**(72)** Huomo, Heikki  
**(74)** Spruson & Ferguson

**(71)** Realinn Life Science Limited  
**(11)** AU-B-2016212527  
**(21)** 2016212527 **(22)** 27.01.2016  
**(54)** Compounds for enhancing PPAR-gamma expression and nuclear translocation and therapeutic use thereof  
**(51)** Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 1/18** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2016/119701  
**(31)** 62/108,564 **(32)** 28.01.15 **(33)** US  
**(43)** 04.08.2016  
**(44)** 07.03.2019  
**(72)** Lin, Jen Cheng; Lin, Chun-Chieh; Lee, Hsu-Tung; Fan, Yu-Ming; Tsai, Jui-Chi; Du, Ying-Chi  
**(74)** Baldwins Intellectual Property

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-B-2014233385  
**(21)** 2014233385 **(22)** 14.03.2014  
**(54)** Biologically active molecules, conjugates thereof, and therapeutic uses  
**(51)** Int. Cl.  
**C07D 507/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2014/145090  
**(31)** 61/792,216 **(32)** 15.03.13 **(33)** US  
**(43)** 18.09.2014  
**(44)** 07.03.2019  
**(72)** Nittoli, Thomas  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Ricoh Company, Ltd.  
**(11)** AU-B-2017272147  
**(21)** 2017272147 **(22)** 04.12.2017  
**(54)** Toner, Developer And Image Forming Apparatus  
**(51)** Int. Cl.  
**G03G 9/087** ( 2006.01 )  
**(43)** 21.12.2017  
**(44)** 07.03.2019  
**(62)** 2014316310  
**(72)** CHIBA, Susumu; SUGIMOTO, Tsuyoshi; NAKAYAMA, Shinya; NAGATA, Kohsuke; NAGAI, Shinsuke; ASAHINA, Daisuke  
**(74)** WRAYS PTY LTD

**(71)** Rio Tinto Alcan International Limited  
**(11)** AU-B-2015282394  
**(21)** 2015282394 **(22)** 01.07.2015  
**(54)** Side Insulation Lining for an Electrolytic Cell  
**(51)** Int. Cl.  
**C25C 3/08** ( 2006.01 )  
**(87)** WO2016/001743  
**(31)** 1401518 **(32)** 04.07.14 **(33)** FR  
**(43)** 07.01.2016  
**(44)** 07.03.2019  
**(72)** Tinka, Denis; Carpentier, Philippe; Caratini, Yves  
**(74)** Spruson & Ferguson

**(71)** Rite-Hite Holding Corporation  
**(11)** AU-B-2017216537  
**(21)** 2017216537 **(22)** 17.08.2017  
**(54)** Externally Tensioned Pliable Air Ducts  
**(51)** Int. Cl.  
**F24F 13/02** ( 2006.01 )  
**(43)** 07.09.2017  
**(44)** 07.03.2019  
**(62)** 2015267395  
**(72)** PINKALLA, Cary; LOGIC, Jeff; GEBKE, Kevin J.; KAUFMANN, Nicholas L.  
**(74)** WRAYS PTY LTD

**(71)** Roush Enterprises, Inc.  
**(11)** AU-B-2015339249  
**(21)** 2015339249 **(22)** 29.10.2015  
**(54)** Exhaust control system  
**(51)** Int. Cl.  
**F01N 1/16** ( 2006.01 )  
**F01N 9/00** ( 2006.01 )  
**F01N 13/08** ( 2010.01 )  
**(87)** WO2016/069852  
**(31)** 62/072,582 **(32)** 30.10.14 **(33)** US  
 14/797,791 13.07.15 US  
**(43)** 06.05.2016  
**(44)** 07.03.2019  
**(72)** Dmytrow, Erin M.; Martin, Ryan L.; Schroeder, Justin G.  
**(74)** Griffith Hack

**(71)** Rovita GmbH  
**(11)** AU-B-2017210533  
**(21)** 2017210533 **(22)** 02.08.2017  
**(54)** METHOD FOR PRODUCING MEAT SUBSTITUTE PRODUCTS  
**(51)** Int. Cl.

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**A23J 3/10** ( 2006.01 )  
**A23J 3/14** ( 2006.01 )  
**A23J 3/22** ( 2006.01 )  
**A23L 13/40** ( 2016.01 )  
**A23L 35/00** ( 2016.01 )  
**(43)** 24.08.2017  
**(44)** 07.03.2019  
**(62)** 2013373841  
**(72)** ROSE, Mehran; GEBHART, Andreas; MOSER, Wolfgang  
**(74)** AJ PARK

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**(71)** RTC Industries, Inc.  
**(11)** AU-B-2017204519  
**(21)** 2017204519 **(22)** 30.06.2017  
**(54)** Product management display system  
**(51)** Int. Cl.  
**A47F 1/12** ( 2006.01 )  
**A47F 5/00** ( 2006.01 )  
**(43)** 20.07.2017  
**(44)** 07.03.2019  
**(62)** 2016200607  
**(72)** Hardy, Stephen N.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** RXSAFE LLC  
**(11)** AU-B-2015200514  
**(21)** 2015200514 **(22)** 03.02.2015  
**(54)** Pharmaceutical cassette  
**(51)** Int. Cl.  
**A61J 1/03** ( 2006.01 )  
**(31)** 61/935,413 **(32)** 04.02.14 **(33)** US  
**(43)** 20.08.2015  
**(44)** 07.03.2019  
**(72)** HOLMES, William K.; ARSENAULT, Aaron  
**(74)** Griffith Hack

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**(71)** S&W Ingenieria Agricola y Propiedad Intelectual SPA  
**(11)** AU-B-2015333812  
**(21)** 2015333812 **(22)** 12.10.2015  
**(54)** Plant dormancy control system  
**(51)** Int. Cl.  
**A01G 13/02** ( 2006.01 )  
**(87)** WO2016/060981  
**(31)** 62/064,423 **(32)** 15.10.14 **(33)** US  
**(43)** 21.04.2016  
**(44)** 07.03.2019  
**(72)** Schurter, Anibal; Warmerdam, John  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Safran Electronics & Defense; B-Temia Inc.  
**(11)** AU-B-2016375179  
**(21)** 2016375179 **(22)** 23.12.2016  
**(54)** Shoulder module for an exoskeleton structure  
**(51)** Int. Cl.  
**B25J 9/00** ( 2006.01 )  
**(87)** WO2017/109197  
**(31)** 1563349 **(32)** 24.12.15 **(33)** FR  
**(43)** 29.06.2017  
**(44)** 07.03.2019  
**(72)** Baptista, Jonathan; Thieffry, Roland; Grenier, Jordane; Vaure, Alexandre  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Safran Electronics & Defense; B-Temia Inc.  
**(11)** AU-B-2016378652  
**(21)** 2016378652 **(22)** 23.12.2016  
**(54)** Foot module for an exoskeleton structure  
**(51)** Int. Cl.  
**B25J 9/00** ( 2006.01 )  
**(87)** WO2017/109198  
**(31)** 1563351 **(32)** 24.12.15 **(33)** FR  
**(43)** 29.06.2017  
**(44)** 07.03.2019  
**(72)** Baptista, Jonathan; Vaure, Alexandre; Grenier, Jordane; Thieffry, Roland  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Saipem S.A.  
**(11)** AU-B-2016217747  
**(21)** 2016217747 **(22)** 05.02.2016  
**(54)** Method for connecting cables of a pipeline unit section to be vertically joined to a subsea pipeline for transporting fluids  
**(51)** Int. Cl.  
**H02G 9/00** ( 2006.01 )  
**(87)** WO2016/128656  
**(31)** 15 51095 **(32)** 11.02.15 **(33)** FR  
**(43)** 18.08.2016  
**(44)** 07.03.2019  
**(72)** Pionetti, Francois-Regis  
**(74)** Spruson & Ferguson

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**(71)** Samsonite IP Holdings S.a r.l.  
**(11)** AU-B-2017201278  
**(21)** 2017201278 **(22)** 24.02.2017  
**(54)** Luggage frame  
**(51)** Int. Cl.  
**A45C 5/14** ( 2006.01 )  
**A45C 5/02** ( 2006.01 )  
**A45C 13/02** ( 2006.01 )  
**A45C 13/04** ( 2006.01 )  
**(43)** 16.03.2017  
**(44)** 07.03.2019  
**(62)** 2012339175  
**(72)** YONENO, Kenzo; MEERSSCHAERT, Reinhard  
**(74)** Griffith Hack

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**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2015219774  
**(21)** 2015219774 **(22)** 26.01.2015  
**(54)** Foldable device  
**(51)** Int. Cl.  
**G09F 9/00** ( 2006.01 )  
**(87)** WO2015/126068  
**(31)** 10-2014-0020749 **(32)** 21.02.14 **(33)** KR  
 10-2014-0127191 23.09.14 KR  
**(43)** 27.08.2015  
**(44)** 07.03.2019  
**(72)** Seo, Ho-seong; Park, Kyung-wan; Lee, Ga-eun; Jung, Ji-hyun; Cho, Shi-yun  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2016269472  
**(21)** 2016269472 **(22)** 07.12.2016  
**(54)** DETERGENT SUPPLYING DEVICE AND WASHING MACHINE HAVING THE SAME  
**(51)** Int. Cl.  
**D06F 39/02** ( 2006.01 )  
**(43)** 22.12.2016  
**(44)** 07.03.2019  
**(62)** 2014284901  
**(72)** Kim, Yong Kwon; Yoo, Kyung Mok; Lee, Seon Ju; Cho, Chul Yong; Jeon, Jong Su  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2018200072  
**(21)** 2018200072 **(22)** 04.01.2018  
**(54)** VIDEO ENCODING METHOD AND DEVICE AND DECODED METHOD AND DEVICE  
**(51)** Int. Cl.  
**H04N 19/625** ( 2014.01 )  
**H04N 19/60** ( 2014.01 )  
**(43)** 25.01.2018  
**(44)** 07.03.2019  
**(62)** 2016250479  
**(72)** Hong, Yoon-Mi; Han, Woo-Jin; Cheon, Min-Su; Chen, Jianle  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2018200360  
**(21)** 2018200360 **(22)** 16.01.2018  
**(54)** BIT ALLOCATING, AUDIO ENCODING AND DECODING  
**(51)** Int. Cl.  
**G10L 19/00** ( 2006.01 )  
**G10L 19/02** ( 2006.01 )  
**(43)** 08.02.2018  
**(44)** 07.03.2019  
**(62)** 2016262702  
**(72)** Kim, Mi-young; Porov, Anton; Oh, Eun-Mi  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** SAMSUNG ELECTRONICS CO., LTD.  
**(11)** AU-B-2013273793  
**(21)** 2013273793 **(22)** 20.12.2013  
**(54)** Method and apparatus for using a portable terminal  
**(51)** Int. Cl.  
**G06F 3/0488** ( 2013.01 )  
**(31)** 10-2012-0149523 **(32)** 20.12.12 **(33)** KR  
**(43)** 10.07.2014  
**(44)** 07.03.2019  
**(72)** LEE, Yo-Han; KIM, Kwang-Tai; PARK, Ji-Hea  
**(74)** Griffith Hack

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**(71)** Sandoz AG  
**(11)** AU-B-2014292314  
**(21)** 2014292314 **(22)** 08.07.2014  
**(54)** Powder mixtures for antibiotic dry syrup formulations  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )

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**A61K 31/546** ( 2006.01 )  
**(87)** WO2015/007571  
**(31)** 13177076.0 **(32)** 18.07.13 **(33)** EP  
**(43)** 22.01.2015  
**(44)** 07.03.2019  
**(72)** Scheler, Stefan; Raneburger, Johannes; Schwarz, Franz Xaver; Kern, Florian  
**(74)** Griffith Hack

**(71)** Sargent Manufacturing Company  
**(11)** AU-B-2014240093  
**(21)** 2014240093 **(22)** 14.03.2014  
**(54)** Electronic circuit to capture lock controller pulses  
**(51)** Int. Cl.  
**G06F 9/00** ( 2006.01 )  
**(87)** WO2014/152187  
**(31)** 61/792,306 **(32)** 15.03.13 **(33)** US  
**(43)** 25.09.2014  
**(44)** 07.03.2019  
**(72)** Lowder, Scott B.; Hulse, Jon; O'Day, Adam; Limoncelli, Arthur; Arcaria, Angelo  
**(74)** Spruson & Ferguson

**(71)** SBI Biotech Co, Ltd.  
**(11)** AU-B-2017203790  
**(21)** 2017203790 **(22)** 05.06.2017  
**(54)** ANTI-ILT7 ANTIBODY  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**(43)** 22.06.2017  
**(44)** 07.03.2019  
**(62)** 2014265023  
**(72)** Arai, Naoko; Cho, Minkwon; Ishida, Koji; Kamogawa, Yumiko  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** SCHOLAR ROCK, INC.  
**(11)** AU-B-2017203611  
**(21)** 2017203611 **(22)** 30.05.2017  
**(54)** Compositions and methods for growth factor modulation  
**(51)** Int. Cl.  
**C07K 14/495** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(43)** 15.06.2017  
**(44)** 07.03.2019  
**(62)** 2014262843  
**(72)** SCHURPF, Thomas; MAHANTHAPPA, Nagesh K.; STRAUB, Michelle Marie  
**(74)** Griffith Hack

**(71)** Scott Technologies, Inc.  
**(11)** AU-B-2016342192  
**(21)** 2016342192 **(22)** 20.10.2016  
**(54)** Face seal for respirator mask  
**(51)** Int. Cl.  
**A62B 18/08** ( 2006.01 )  
**(87)** WO2017/070351  
**(31)** 62/244,906 **(32)** 22.10.15 **(33)** US  
**(43)** 27.04.2017  
**(44)** 07.03.2019  
**(72)** Thompson, Darin Kyle; Quiring, Amy Elizabeth; Simmonds, Edward Powers; Wilson, Graham Peter; Tucker, Carl Es-cort; Ward, Christopher; Hudson, Kyle Dane  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Sedic, F.  
**(11)** AU-B-2014369345  
**(21)** 2014369345 **(22)** 19.12.2014  
**(54)** Toothbrush with biofilm-removing touch points  
**(51)** Int. Cl.  
**A61C 17/32** ( 2006.01 )  
**A46B 13/02** ( 2006.01 )  
**A61C 17/34** ( 2006.01 )  
**(87)** WO2015/092550  
**(31)** 14/576,134 **(32)** 18.12.14 **(33)** US  
**(43)** 61/919,673 20.12.13 US  
**(43)** 25.06.2015  
**(44)** 07.03.2019  
**(72)** Sedic, Filip  
**(74)** FB Rice Pty Ltd

**(71)** Seminis Vegetable Seeds, Inc.  
**(11)** AU-B-2017265094  
**(21)** 2017265094 **(22)** 23.11.2017  
**(54)** METHODS AND COMPOSITIONS FOR EXTENDING SHELF LIFE OF PLANT PRODUCTS  
**(51)** Int. Cl.  
**A01H 15/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(43)** 14.12.2017  
**(44)** 07.03.2019  
**(62)** 2013317586  
**(72)** Froman, Byron; Feikert, Michele; Garvey, Graeme S.; Kelly, Leo; Waycott, Bill  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Shanghai Fukun Aviation Technology Co., Ltd  
**(11)** AU-B-2016305704  
**(21)** 2016305704 **(22)** 12.08.2016  
**(54)** Vertical take-off and landing Fixed-wing aircraft and the flight control method thereof  
**(51)** Int. Cl.  
**B64C 27/22** ( 2006.01 )  
**B64C 27/30** ( 2006.01 )  
**(87)** WO2017/025060  
**(31)** 201520605032.4 **(32)** 12.08.15 **(33)** CN  
**(43)** 16.02.2017

**(44)** 07.03.2019  
**(72)** Liu, Shiyi; Xie, Ling  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Shell Internationale Research Maatschappij B.V.  
**(11)** AU-B-2016287279  
**(21)** 2016287279 **(22)** 28.06.2016  
**(54)** Method and system for switching a functionality of a liner expansion tool  
**(51)** Int. Cl.  
**E21B 43/10** ( 2006.01 )  
**E21B 17/10** ( 2006.01 )  
**E21B 23/02** ( 2006.01 )  
**(87)** WO2017/001421  
**(31)** 62/187,380 **(32)** 01.07.15 **(33)** US  
**(43)** 05.01.2017  
**(44)** 07.03.2019  
**(72)** Bouma, Remmelt; Brisco, David Paul; Wubben, Antonius Leonardus Maria; Van Der Zee, Tino Walter; Zijsling, Djurre Hans  
**(74)** Spruson & Ferguson

**(71)** Shell Internationale Research Maatschappij B.V.  
**(11)** AU-B-2016292716  
**(21)** 2016292716 **(22)** 08.07.2016  
**(54)** Method and system for cooling and separating a hydrocarbon stream  
**(51)** Int. Cl.  
**F25J 1/00** ( 2006.01 )  
**F25J 1/02** ( 2006.01 )  
**F25J 3/02** ( 2006.01 )  
**(87)** WO2017/009210  
**(31)** 15176318.2 **(32)** 10.07.15 **(33)** EP  
**(43)** 19.01.2017  
**(44)** 07.03.2019  
**(72)** Kusters, Karel Antonius; Pek, Johan Jan Barend; Van Veghel, Meta Jannetta  
**(74)** Spruson & Ferguson

**(71)** Shenzhen Skyworth-RGB Electronic Co., Ltd.  
**(11)** AU-B-2015230473  
**(21)** 2015230473 **(22)** 10.03.2015  
**(54)** Information pushing method and system, cloud server and information server  
**(51)** Int. Cl.  
**H04N 21/262** ( 2011.01 )  
**(87)** WO2015/135466  
**(31)** 201410096248.2 **(32)** 14.03.14 **(33)** CN  
**(43)** 17.09.2015  
**(44)** 07.03.2019  
**(72)** Xu, Yaoling; Hou, Zhilong  
**(74)** Madderns Pty Ltd

**(71)** Siemens Aktiengesellschaft  
**(11)** AU-B-2016332489  
**(21)** 2016332489 **(22)** 07.09.2016  
**(54)** Cooling of an electric motor drive for a water-borne means of transport  
**(51)** Int. Cl.  
**B63H 21/17** ( 2006.01 )  
**B63H 21/38** ( 2006.01 )



Applications Accepted - Name Index cont'd

**H02K 9/24** ( 2006.01 )  
**(87)** WO2017/055034  
**(31)** 10 2015 218 889.2 **(32)** 30.09.15 **(33)** DE  
**(43)** 06.04.2017  
**(44)** 07.03.2019  
**(72)** Schlappa, Robert; Eckert, Jürgen;  
 Marx, Walter  
**(74)** Spruson & Ferguson

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**(71)** Sika Technology AG  
**(11)** AU-B-2015260997  
**(21)** 2015260997 **(22)** 12.05.2015  
**(54)** Three component composition for the  
 manufacture of polyurethane cementi-  
 tious hybrid flooring or coating with im-  
 proved surface gloss  
**(51)** Int. Cl.  
**C04B 28/04** ( 2006.01 )  
**C04B 28/12** ( 2006.01 )  
**C04B 103/00** ( 2006.01 )  
**C04B 111/00** ( 2006.01 )  
**C04B 111/62** ( 2006.01 )  
**(87)** WO2015/173214  
**(31)** 14168704.6 **(32)** 16.05.14 **(33)** EP  
**(43)** 19.11.2015  
**(44)** 07.03.2019  
**(72)** Gimeno, Patricia; Kaddatz, Carola;  
 Grotzinger, Jochen; Gantner, Hans  
**(74)** WRAYS PTY LTD

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**(71)** Silk Biomaterials S.r.l.  
**(11)** AU-B-2015338739  
**(21)** 2015338739 **(22)** 27.10.2015  
**(54)** Process for the production of a hy-  
 brid structure consisting of coupled silk  
 fibroin microfibers and nanofibers, hy-  
 brid structure thus obtained and its use  
 as implantable medical device  
**(51)** Int. Cl.  
**A61L 27/36** ( 2006.01 )  
**D04H 1/54** ( 2006.01 )  
**(87)** WO2016/067189  
**(31)** MI2014A001841 **(32)** 27.10.14 **(33)** IT  
**(43)** 06.05.2016  
**(44)** 07.03.2019  
**(72)** Alessandrino, Antonio  
**(74)** Spruson & Ferguson

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**(71)** Sivantos Pte. Ltd.  
**(11)** AU-B-2017272162  
**(21)** 2017272162 **(22)** 05.12.2017  
**(54)** Method for determining a direction of a  
 useful signal source  
**(51)** Int. Cl.  
**H04R 3/00** ( 2006.01 )  
**G01S 3/808** ( 2006.01 )  
**(31)** 10 2016 225 205.4 **(32)** 15.12.16 **(33)** DE  
**(43)** 05.07.2018  
**(44)** 07.03.2019  
**(72)** KAMKAR-PARSI, Homayoun; LUG-  
 GER, Marko  
**(74)** Spruson & Ferguson

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**(71)** Sivantos Pte. Ltd.  
**(11)** AU-B-2017272165  
**(21)** 2017272165 **(22)** 05.12.2017  
**(54)** Method for operating a hearing aid

**(51)** Int. Cl.  
**H04R 25/00** ( 2006.01 )  
**H03M 1/00** ( 2006.01 )  
**H03M 3/00** ( 2006.01 )  
**(31)** 10 2016 225 207.0 **(32)** 15.12.16 **(33)** DE  
**(43)** 05.07.2018  
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**A61F 2/00** ( 2006.01 )  
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**H04N 19/513** ( 2014.01 )  
**H04N 13/20** ( 2018.01 )  
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 method for using same  
**(51)** Int. Cl.

**B65D 83/14** ( 2006.01 )  
**B01J 7/00** ( 2006.01 )  
**B01J 19/12** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )  
**F16K 17/40** ( 2006.01 )  
**G01S 1/02** ( 2006.01 )  
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**F28C 3/06** ( 2006.01 )

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**F24F 12/00** ( 2006.01 )  
**F28D 5/00** ( 2006.01 )  
**F28F 9/22** ( 2006.01 )  
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 WITH A BAR, A BLADE HEAD, DRIVE  
 RODS AND FINGERS THAT CON-  
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**(51)** Int. Cl.  
**A61B 17/14** ( 2006.01 )  
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**(51)** Int. Cl.  
**B65D 83/14** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
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**A61K 31/435** ( 2006.01 )  
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box surfaces and edges in mobile box  
dimensioning  
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**G06T 1/00** ( 2006.01 )  
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(54) FLEXIBLE HELICAL FIXATION  
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tion, and preparation and application  
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**C21C 5/36** ( 2006.01 )  
**C21C 5/54** ( 2006.01 )  
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(72) DRY, RODNEY JAMES; PILOTE,  
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**A23C 9/137** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
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**C08B 30/12** ( 2006.01 )  
**C08B 31/00** ( 2006.01 )  
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**C08L 3/00** ( 2006.01 )  
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ter apparatus  
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**B01F 5/04** ( 2006.01 )  
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tion of ethanol  
(51) Int. Cl.  
**C07C 29/80** ( 2006.01 )  
**C07C 1/24** ( 2006.01 )  
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**C07C 29/82** ( 2006.01 )  
**C07C 31/08** ( 2006.01 )  
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and an inverter system comprising the  
transformer  
(51) Int. Cl.  
**H01F 27/36** ( 2006.01 )  
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(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
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 (21) 2017204103 (22) 16.06.2017  
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 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
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*C12N 5/0783* ( 2010.01 )  
*G01N 33/50* ( 2006.01 )  
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 (44) 07.03.2019  
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 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
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*A61P 35/02* ( 2006.01 )  
*C07K 14/005* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
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(71) The University of Queensland; University of Leeds  
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 (51) Int. Cl.  
*G01N 21/35* ( 2006.01 )  
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 (74) Michael Buck IP

(71) The University of Sydney  
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 (51) Int. Cl.

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**(54)** Grounding rod for sacrificial appendage  
**(51)** Int. Cl.  
**H01R 4/22** ( 2006.01 )  
**H01R 11/01** ( 2006.01 )  
**H01R 11/11** ( 2006.01 )  
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**(11)** AU-B-2017218948  
**(21)** 2017218948 **(22)** 21.08.2017  
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**E21B 33/12** ( 2006.01 )  
**E21B 33/13** ( 2006.01 )  
**E21B 43/04** ( 2006.01 )  
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**E21B 43/25** ( 2006.01 )  
**(43)** 07.09.2017  
**(44)** 07.03.2019  
**(62)** 2016202612  
**(72)** Schultz, Roger L.; Watson, Brock W.; Funkhouser, Gary P.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** thyssenkrupp AG  
**(11)** AU-B-2014361209  
**(21)** 2014361209 **(22)** 11.12.2014  
**(54)** Plant combination for producing steel and method for operating the plant combination  
**(51)** Int. Cl.  
**C21B 5/06** ( 2006.01 )  
**C21B 7/00** ( 2006.01 )  
**C21C 5/38** ( 2006.01 )  
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**(44)** 07.03.2019  
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**(74)** Griffith Hack

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**(21)** 2016201564

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**(21)** 2016201564 **(22)** 10.03.2016  
**(54)** Grinding track for a comminution installation  
**(51)** Int. Cl.  
**B02C 13/282** ( 2006.01 )  
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**(31)** 10 2015 205 011.4 **(32)** 19.03.15 **(33)** DE  
**(43)** 06.10.2016  
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**(74)** Griffith Hack

**(71)** Top Glove Sdn. Bhd.  
**(11)** AU-B-2015343856  
**(21)** 2015343856 **(22)** 29.09.2015  
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**(51)** Int. Cl.  
**C08L 21/02** ( 2006.01 )  
**C08J 5/02** ( 2006.01 )  
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**C08K 3/22** ( 2006.01 )  
**C08K 3/28** ( 2006.01 )  
**C08K 5/06** ( 2006.01 )  
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**(71)** Topy Kogyo Kabushiki Kaisha  
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**(21)** 2015364899 **(22)** 08.12.2015  
**(54)** Multi-piece rim structure for wheel  
**(51)** Int. Cl.  
**B60B 25/04** ( 2006.01 )  
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**(74)** Collison & Co

**(71)** Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.  
**(11)** AU-B-2016252824  
**(21)** 2016252824 **(22)** 18.03.2016  
**(54)** STRUCTURE HAVING SOLID PARTICLES DISTRIBUTED ON THE SURFACE THEREOF  
**(51)** Int. Cl.  
**B32B 3/14** ( 2006.01 )  
**B32B 5/30** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(21)** 2016252824

**Trios, spol. s.r.o. see Ustav Organické Chemie A Biochemie AV CR, v.v.i.**  
**(21)** 2017257061

**(71)** Turnpoint Medical Devices, Inc.  
**(11)** AU-B-2014268469  
**(21)** 2014268469 **(22)** 22.05.2014  
**(54)** Pneumatically coupled fluid control system and process with air detection and elimination  
**(51)** Int. Cl.  
**A61B 17/50** ( 2006.01 )  
**A61M 1/14** ( 2006.01 )  
**B01D 61/32** ( 2006.01 )  
**F04F 1/06** ( 2006.01 )  
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**(43)** 27.11.2014  
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**(72)** Carlisle, Jeffrey A.; Kuba, Lawrence M.  
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**(71)** UAB Research Foundation; Lipimetix Development, LLC  
**(11)** AU-B-2017203911  
**(21)** 2017203911 **(22)** 09.06.2017  
**(54)** Apolipoprotein mimetics and uses thereof  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**(43)** 29.06.2017  
**(44)** 07.03.2019  
**(62)** 2014239186  
**(72)** ANANTHARAMAIAH, G. M.; GOLDBERG, Dennis  
**(74)** Griffith Hack

**(71)** Unilever PLC  
**(11)** AU-B-2016236521  
**(21)** 2016236521 **(22)** 10.03.2016  
**(54)** Antiperspirant composition  
**(51)** Int. Cl.

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**A61Q 15/00** ( 2006.01 )  
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**(31)** 15160174.7 **(32)** 20.03.15 **(33)** EP  
**(43)** 29.09.2016  
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**(72)** Bovell, Douglas; Evans, Richard Live-  
 sey; Robertson, Jennifer  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Unilever PLC  
**(11)** AU-B-2016321761  
**(21)** 2016321761 **(22)** 31.08.2016  
**(54)** Aqueous hard surface cleaning com-  
 position  
**(51)** Int. Cl.  
**C11D 1/22** ( 2006.01 )  
**C11D 1/72** ( 2006.01 )  
**C11D 1/83** ( 2006.01 )  
**C11D 3/14** ( 2006.01 )

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 Manoj Vilas; Gosh, Somnath; Maity, Su-  
 joy  
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**(54)** Frozen confection  
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**A23G 9/28** ( 2006.01 )  
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**A23G 9/44** ( 2006.01 )

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 Kwadwo; Wix, Loyd  
**(74)** Davies Collison Cave Pty Ltd

**(71)** United Laboratories International, LLC  
**(11)** AU-B-2015236386  
**(21)** 2015236386 **(22)** 23.03.2015  
**(54)** Solvent composition and process for re-  
 moval of asphalt and other contaminant  
 materials  
**(51)** Int. Cl.  
**C11D 3/44** ( 2006.01 )  
**C11D 1/62** ( 2006.01 )  
**C11D 7/50** ( 2006.01 )  
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**(31)** 14/580,698 **(32)** 23.12.14 **(33)** US  
 61/969,125 22.03.14 US  
**(43)** 01.10.2015  
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**(72)** Matza, Stephen D.; Archuleta, Dana M.  
**(74)** Ahearn Fox

**(71)** Universite Cergy-Pontoise  
**(11)** AU-B-2017265896  
**(21)** 2017265896 **(22)** 12.05.2017

**(54)** Phase-change material for storing  
 thermal energy, manufacturing method  
 and uses of such a material  
**(51)** Int. Cl.  
**C09K 5/14** ( 2006.01 )  
**C04B 28/14** ( 2006.01 )  
**(87)** WO2017/198933  
**(31)** 1654431 **(32)** 18.05.16 **(33)** FR  
**(43)** 23.11.2017  
**(44)** 07.03.2019  
**(72)** Harle, Thibault; Ledesert, Béatrice;  
 Nguyen, Tran Minh Giao; Hebert, Ron-  
 an; Melinge, Yannick  
**(74)** Spruson & Ferguson

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 tion  
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**(21)** 2013287261 **(22)** 14.03.2013  
**(54)** Modified adeno-associated virus vector  
 compositions  
**(51)** Int. Cl.  
**C12N 7/00** ( 2006.01 )  
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**(72)** Davidson, Beverly L.; Scheel, Maria;  
 Boudreau, Ryan; Monteys, Alejandro  
 Mas  
**(74)** Pizzseys Patent and Trade Mark Attor-  
 neys Pty Ltd

**University of Leeds see The University of  
 Queensland**

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**(71)** University of Pittsburgh - of the Com-  
 monwealth System of Higher Education  
**(11)** AU-B-2015231110  
**(21)** 2015231110 **(22)** 20.03.2015  
**(54)** Methods for preparation of a terminally  
 sterilized hydrogel derived from extra-  
 cellular matrix  
**(51)** Int. Cl.  
**A61L 27/52** ( 2006.01 )  
**A61L 27/36** ( 2006.01 )

**(87)** WO2015/143310  
**(31)** 61/968,716 **(32)** 21.03.14 **(33)** US  
**(43)** 24.09.2015  
**(44)** 07.03.2019  
**(72)** Badylak, Stephen F.; Dearth, Chris-  
 topher Lee; Keane Jr., Timothy Joseph;  
 Turner, Neill Jordan  
**(74)** Madderns Pty Ltd

**(71)** University of Utah Research Founda-  
 tion; Technion Research & Develop-  
 ment Foundation Limited  
**(11)** AU-B-2016335701  
**(21)** 2016335701 **(22)** 07.10.2016  
**(54)** Methods and compositions for prevent-  
 ing or treating cancer  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )

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**A61L 29/16** ( 2006.01 )  
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**C07K 14/47** ( 2006.01 )  
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 62/379,179 24.08.16 US  
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**(72)** Schiffman, Joshua; Schroeder, Avi;  
 Abegglen, Lisa  
**(74)** Griffith Hack

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 AV CR, v.v.i.; Mikrobiologicky Ustav AV  
 CR, V.V.I.; Trios, spol. s.r.o.  
**(11)** AU-B-2017257061  
**(21)** 2017257061 **(22)** 19.04.2017  
**(54)** Lipophosphonoxins of second genera-  
 tion, and their use  
**(51)** Int. Cl.  
**C07F 9/6558** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )

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**(31)** PV 2016-243 **(32)** 28.04.16 **(33)** CZ  
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 Zbornikova, Eva; Krasny, Libor; Latal,  
 Tomas; Kolar, Milan  
**(74)** Griffith Hack

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**(11)** AU-B-2016391100  
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**(54)** Using cell-free DNA fragment size to  
 determine copy number variations  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**G16B 20/10** ( 2019.01 )  
**(87)** WO2017/136059  
**(31)** 15/382,508 **(32)** 16.12.16 **(33)** US  
 62/290,891 03.02.16 US  
**(43)** 10.08.2017  
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**(72)** Duenwald, Sven; Comstock, David A.;  
 Barbacioru, Catalin; Chudova, Darya  
 I.; Rava, Richard P.; Jones, Keith W.;  
 Chen, Gengxin; Skvortsov, Dimitri  
**(74)** Spruson & Ferguson

**(71)** Viamet Pharmaceuticals (NC), Inc.  
**(11)** AU-B-2015231270  
**(21)** 2015231270 **(22)** 19.03.2015  
**(54)** Antifungal compound process  
**(51)** Int. Cl.  
**C07D 257/04** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 213/26** ( 2006.01 )

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**(72)** Hoesktra, William J.; Yates, Christopher  
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 (54) Satellite for End-to-End Beamforming  
 (51) Int. Cl.  
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     H04B 7/204 ( 2006.01 )  
 (87) WO2016/195813  
 (31) 62/145,804 (32) 10.04.15 (33) US  
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     A61N 5/10 ( 2006.01 )  
     G01R 33/387 ( 2006.01 )  
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 (44) 07.03.2019  
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 (72) Shvartsman, Shmaryu M.; Dempsey, James F.; Nikoly, David  
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 (54) Efficient methods for protecting identity in authenticated transmissions  
 (51) Int. Cl.  
     H04L 9/32 ( 2006.01 )  
 (87) WO2015/106248  
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 (54) Rules suggestion engine  
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     G06Q 20/16 ( 2012.01 )  
     G06Q 20/40 ( 2012.01 )  
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 (54) Fluoropolymer barrier materials for containers  
 (51) Int. Cl.  
     A61M 5/315 ( 2006.01 )  
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 (44) 07.03.2019  
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 (74) Griffith Hack

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 (54) Sentence parsing correction system  
 (51) Int. Cl.  
     G06F 17/21 ( 2006.01 )  
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 (72) Walker, Randall C.  
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     A61Q 1/02 ( 2006.01 )  
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 (31) A 460/2013 (32) 06.06.13 (33) AT  
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 (74) FB Rice Pty Ltd

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 (11) AU-B-2018202490  
 (21) 2018202490 (22) 09.04.2018  
 (54) Digital power supply with wireless monitoring and control  
 (51) Int. Cl.  
     H02J 3/01 ( 2006.01 )  
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 (43) 22.11.2018  
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 (51) Int. Cl.  
     F04B 27/04 ( 2006.01 )  
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(71) Windcare India Pvt Ltd  
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 (21) 2015254841 (22) 30.04.2015  
 (54) Method and system for de-erection and re-erection of a blade of a wind turbine  
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     F03D 1/06 ( 2006.01 )  
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 (31) 2187/CHE/2014 (32) 30.04.14 (33) IN  
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 (72) Senthooorandian, Anthonyraj Prem Kumar; Nagrathinam, Kalimuthu  
 (74) Jogias Patent & Trade Marks Attorneys

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 (54) Reusable tie down storage case  
 (51) Int. Cl.  
     B60P 7/08 ( 2006.01 )  
     B65D 85/672 ( 2006.01 )  
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 (31) 62/220,614 (32) 18.09.15 (33) US  
     62/174,869 12.06.15 US  
 (43) 15.12.2016  
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 (11) AU-B-2014232501  
 (21) 2014232501 (22) 17.03.2014  
 (54) Heterodimeric proteins  
 (51) Int. Cl.  
     C07K 16/06 ( 2006.01 )  
     C07K 16/28 ( 2006.01 )  
     C07K 16/46 ( 2006.01 )  
 (87) WO2014/145806  
 (31) 61/913,870 (32) 09.12.13 (33) US  
     61/794,896 15.03.13 US  
     PCT/US14/11549 14.01.14 US  
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(51) Int. Cl.

*E21B 3/00* ( 2006.01 )

*G08C 17/02* ( 2006.01 )

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(43) 04.08.2016

(44) 07.03.2019

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(74) FB Rice Pty Ltd

ger, David Andrew; Carr, William Bryan; Due, Steven Allan

(74) Shelston IP Pty Ltd.

(71) ZST Holdings, Inc.

(11) AU-B-2016203035

(21) 2016203035 (22) 11.05.2016

(54) Apparatuses and methods for mandibular protrusion

(51) Int. Cl.

*A61F 5/56* ( 2006.01 )

(43) 26.05.2016

(44) 07.03.2019

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(21) 2015200295 (22) 22.01.2015

(54) RDS TIME DISPLAY DEVICE

(51) Int. Cl.

*H04H 60/00* ( 2008.01 )

*H04H 20/00* ( 2008.01 )

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(43) 24.09.2015

(44) 07.03.2019

(72) YIP, KIN LEE

(74) Acacia Law

Yongfeng Boyuan Industry Co. Ltd., Jiangxi Province see Beijing Boyuan Hengsheng High-Technology Co., Ltd

(21) 2016208969

(71) Zhengzhou Zezheng Technical Services Ltd.

(11) AU-B-2017221771

(21) 2017221771 (22) 30.08.2017

(54) Turbine dental drill mechanism and turbine head with same mounted therein

(51) Int. Cl.

*A61C 1/05* ( 2006.01 )

*A61C 1/08* ( 2006.01 )

(43) 21.09.2017

(44) 07.03.2019

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(72) Liu, Xiaoxia

(74) Madderns Pty Ltd

(71) Zoetis Services LLC

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(21) 2014352984 (22) 20.11.2014

(54) Vaccination system for delivering vaccine to avian pullets, and associated methods, devices, and assemblies

(51) Int. Cl.

*A61D 1/02* ( 2006.01 )

(87) WO2015/077432

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62/038,870 19.08.14 US

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2013264708	Kyoto University	2014366899	AMTAC PROFESSIONAL SERVICES PTY LTD
2013273793	SAMSUNG ELECTRONICS CO., LTD.	2014366932	Brita LP
2013284340	Amberdale Enterprises Pty Ltd; Tavid Pty Ltd	2014368420	Immutep S.A.S.
2013287261	University of Iowa Research Foundation	2014368725	Chiesi Farmaceutici S.p.A.
2013326078	Kimberly-Clark Worldwide, Inc.	2014369345	Sedic, F.
2013334549	Walker Reading Technologies, Inc.	2014372702	TECHNIP E&C LIMITED
2013341187	Oracle International Corporation	2014389572	Bitdefender IPR Management Ltd
2013349801	Phadia AB	2014399747	Datang International Chemical Technology Research Institute Co., Ltd.
2013388126	Teva Pharmaceuticals Australia Pty Ltd.	2014404815	Qingdao Haier Smart Technology R&D Co., Ltd.
2014201271	MEDOS INTERNATIONAL SARL	2015200295	YIP, K.
2014201315	Covidien LP	2015200399	BIOSENSE WEBSTER (ISRAEL) LTD.
2014201467	BIOSENSE WEBSTER (ISRAEL) LTD.	2015200514	RXSAFE LLC
2014230084	Fisher & Paykel Healthcare Limited	2015201066	inodyn NewMedia GmbH
2014232501	Xencor, Inc.	2015202673	Dart Industries Inc.
2014233385	Regeneron Pharmaceuticals, Inc.	2015204470	Visa International Service Association
2014235331	Glaukos Corporation	2015208702	So Spark Ltd.
2014235821	Biolife, L.L.C.	2015208911	A-Fax Limited
2014236990	GLAdiator Biosciences, Inc.	2015209466	4P Therapeutics
2014237700	DePuy Synthes Products, Inc.	2015213747	Ball Corporation
2014240093	Sargent Manufacturing Company	2015216570	Tavliit Plastic Ltd.
2014248515	Prothena Biosciences Limited	2015216827	Peikko Group Oy
2014250615	Thomas & Betts International, LLC	2015218380	Summit Packaging Systems, Inc.
2014250624	Kao Corporation	2015219774	Samsung Electronics Co., Ltd.
2014250625	Kao Corporation	2015220604	Depuy Ireland Unlimited Company
2014250756	Icahn School of Medicine at Mount Sinai	2015221390	Ortho Regenerative Technologies Inc.
2014253561	METSO MINERALS OY	2015221502	Alstom Transport Technologies
2014253945	DePuy Synthes Products, LLC	2015222915	Marsh, S.
2014254368	Facebook, Inc.	2015230473	Shenzhen Skyworth-RGB Electronic Co., Ltd.
2014268445	Deep Brain Innovations LLC	2015231110	University of Pittsburgh - of the Commonwealth System of Higher Education
2014268469	Turnpoint Medical Devices, Inc.	2015231270	Viamet Pharmaceuticals (NC), Inc.
2014270431	Medtentia International Ltd Oy	2015231275	Mycovia Pharmaceuticals, Inc.
2014274640	BIOSENSE WEBSTER (ISRAEL) LTD.	2015233031	Luigi Lavazza S.p.A.
2014274903	Metaventon, Inc.	2015236386	United Laboratories International, LLC
2014274933	Becton, Dickinson and Company	2015236470	Instrumentation Laboratory Company
2014274943	Gui Global Products, Ltd.	2015237307	Acast AB
2014276776	MVG Industries; Office National d'Etudes et de Recherches Aeronautiques (ONERA)	2015238266	Indena S.p.A.
2014276850	Sofradim Production	2015243019	The Boeing Company
2014277631	Wamp, A.	2015246228	Reactive Technologies Limited
2014285934	GazTransport et Technigaz	2015252768	Candrawinata, V.
2014289663	Helmholtz-Zentrum fur Infektionsforschung GmbH	2015254841	Windcare India Pvt Ltd
2014289763	Tasly Pharmaceutical Group Co., Ltd.	2015255672	Westinghouse Air Brake Technologies Corporation
2014290371	Atrium Medical Corporation	2015260997	Sika Technology AG
2014292314	Sandoz AG	2015261877	Philip Morris Products S.A.
2014296626	Bluebird Bio, Inc.	2015262864	Bugatone Ltd.
2014299414	Forest Herbs Research Limited; Butler, P.	2015267077	Tate & Lyle Ingredients Americas, LLC
2014308550	The University of Queensland; University of Leeds	2015277603	Hayward Industries, Inc.
2014310317	Adamed Sp. z o.o.	2015281542	CRRC Qishuyan Institute Co., Ltd
2014314509	Electrolux Appliances Aktiebolag	2015282394	Rio Tinto Alcan International Limited
2014318488	Emergent Virology LLC	2015284500	Cytec Industries Inc.
2014318858	Incube Labs, LLC	2015291733	Advonex International Corp.
2014318890	Biomarin Pharmaceutical Inc.	2015298629	Centaur, Inc.
2014321328	Radux Devices, LLC	2015298807	Cord Safe Ltd
2014324079	Ali-Jak Holdings Pty Ltd	2015301816	ESCO Group LLC
2014339999	Donaldson Company, Inc.	2015301936	Delinia, Inc.
2014342636	Ethicon, LLC	2015302221	Ineos Bio SA
2014345338	Plant Bioscience Limited	2015303581	CSB-System AG
2014345728	Reactive Technologies Limited	2015305451	Dow Global Technologies LLC
2014348446	Ferno-Washington, Inc.	2015307309	IHC Holland IE B.V.
2014351486	Suzhou Pengxu Pharmatech Co., Ltd.; Crystal Pharmatech Co., Ltd.	2015310911	Knorr-Bremse Gesellschaft Mit Beschränkter Haftung
2014352984	Zoetis Services LLC	2015312159	Lumos Pharma, Inc.
2014354762	Johnson & Johnson Surgical Vision, Inc.	2015316564	Instruments Utils de Laboratori Geniul, SL
2014360469	Bayer Consumer Care AG		
2014361209	thyssenkrupp AG		



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2015316801	ONCODESIGN S.A.	2016279804	The Board of Trustees of the Leland Stanford Junior University; U.S. Government as represented by the Department of Veterans Affairs
2015333812	S&W Ingenieria Agricola y Propiedad Intelectual SPA	2016280885	MED-EL Elektromedizinische Geraete GmbH
2015336083	Mars, Incorporated	2016281189	Monash University; Hudson Institute of Medical Research
2015338739	Silk Biomaterials S.r.l.	2016285916	Gilead Sciences, Inc.; Janssen Sciences Ireland UC
2015339249	Roush Enterprises, Inc.	2016287279	Shell Internationale Research Maatschappij B.V.
2015343856	Top Glove Sdn. Bhd.	2016290820	Gilead Sciences, Inc.
2015345987	iSee VC Pty Ltd	2016292716	Shell Internationale Research Maatschappij B.V.
2015347900	Japan Tobacco Inc.	2016301347	3M Innovative Properties Company
2015349390	Inner Mongolia Puyin Pharmaceutical Co., Ltd.; Changzhou Fangyuan Pharmaceutical Co., Ltd	2016302158	J.R. Simplot Company
2015350424	Key Technology, Inc.	2016305704	Shanghai Fukun Aviation Technology Co., Ltd
2015354583	Nitto Kohki Co., Ltd.	2016306099	Lexmark International, Inc.
2015355668	Peter Lynn Limited	2016306656	Jand, Inc.
2015364899	Topy Kogyo Kabushiki Kaisha	2016308801	Ariel-University Research and Development Company Ltd.
2015380180	Xuzhou Xugong Foundation Construction Machinery Co., Ltd.	2016311525	Panasonic Intellectual Property Management Co., Ltd.
2015384233	Telefonaktiebolaget LM Ericsson (publ)	2016312962	Hazer Group Ltd
2015384410	Japan Tobacco Inc.	2016313157	Frank's International, LLC
2015387499	Halliburton Energy Services, Inc.	2016318238	101288550 Saskatchewan Ltd.
2015392941	Halliburton Energy Services, Inc.	2016321761	Unilever PLC
2015394640	Outotec (Finland) Oy	2016324533	Angel Playing Cards Co., Ltd.
2015396402	Mitsubishi Electric Corporation	2016326281	ELC Management LLC
2015404488	LG Electronics Inc.	2016332489	Siemens Aktiengesellschaft
2015407137	Mitsubishi Electric Corporation	2016335111	ExxonMobil Upstream Research Company
2015411093	British American Tobacco Mexico, S.A. DE C.V.	2016335701	University of Utah Research Foundation; Technion Research & Development Foundation Limited
2015417375	Essity Hygiene and Health Aktiebolag	2016337382	Biomet Manufacturing, LLC; Biomet Trauma, LLC
2015417381	Colgate-Palmolive Company	2016338894	Outotec (Finland) Oy
2016201564	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG	2016342192	Scott Technologies, Inc.
2016203035	ZST Holdings, Inc.	2016349550	Borealis AG
2016208969	Beijing Boyuan Hengsheng High-Technology Co., Ltd.; Yongfeng Boyuan Industry Co. Ltd., Jiangxi Province	2016354542	Joy Global Surface Mining Inc
2016209478	Nantomics, LLC	2016354916	Centrient Pharmaceuticals Netherlands B.V.
2016210551	Helix Biopharma Corporation	2016357297	Colgate-Palmolive Company
2016210899	Novartis AG	2016366623	Dyson Technology Limited
2016212527	Realinn Life Science Limited	2016367058	Motorola Solutions, Inc.
2016212706	The University of Sydney	2016371603	Colgate-Palmolive Company
2016217496	GlaxoSmithKline Intellectual Property Development Limited	2016371681	Clariant International Ltd
2016217747	Saipem S.A.	2016375179	Safran Electronics & Defense; B-Temia Inc.
2016218739	Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd.	2016378652	Safran Electronics & Defense; B-Temia Inc.
2016220855	Fujitsu Limited	2016382454	PPG Industries Ohio, Inc.; The Regents of the University of California
2016227095	Komatsu Ltd.; Osaka University	2016384581	CHEP Technology Pty Limited
2016229850	Flowsolve Management Company	2016391100	Verinata Health, Inc.
2016231883	Hetero Labs Limited	2016392215	CrossRoads Extremity Systems, LLC
2016232007	Outotec (Finland) Oy	2016392270	Symbol Technologies, LLC
2016233794	Qualcomm Incorporated	2016401931	Dioxide Materials, Inc.
2016236521	Unilever PLC	2016407635	Griffith University
2016238725	Outotec (Finland) Oy	2017200230	Nalpropion Pharmaceuticals, Inc.
2016238907	Art Plastics Pty Ltd	2017200684	Synthes GmbH
2016238942	Stryker Corporation	2017200701	Milliken & Company
2016244315	Gen-Probe Incorporated	2017200750	Teledyne E2V (UK) Limited
2016247125	MOLNAR, E.	2017200881	The Board of Trustees of the Leland Stanford Junior University
2016247768	Dow AgroSciences LLC	2017200888	Garrett Thermal Systems Limited
2016248997	Concievalve LLC	2017201049	Microchips Biotech, Inc.
2016249814	Dow AgroSciences LLC	2017201075	Czerniecki, B.
2016252824	Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.	2017201196	Facebook, Inc.
2016253642	Tata Steel Limited	2017201278	Samsonite IP Holdings S.a r.l.
2016257438	Milwaukee Electric Tool Corporation	2017201281	iOmniscient Pty Ltd
2016260101	JFE Steel Corporation	2017201295	CareFusion 303, Inc.
2016260587	Carl Freudenberg KG	2017201536	Sunesis Pharmaceuticals, Inc.; Biogen MA Inc.
2016263444	Island Breeze Systems CA, LLC	2017201774	Genesis Technologies Limited
2016265109	ExxonMobil Upstream Research Company	2017202002	New Steel Global N.V
2016266044	Adaptive Spectrum and Signal Alignment, Inc.	2017202265	QuiaPEG Pharmaceuticals AB
2016269472	Samsung Electronics Co., Ltd.	2017202460	Arjohuntleigh Magog Inc.
2016271086	ViaSat, Inc.	2017202553	W. L. Gore & Associates, Inc.
2016277141	Winston Products, LLC	2017202726	Allergan, Inc.
2016277619	Bayer CropScience AG	2017203291	HERCUTECH INC.
2016277767	Karram, M.	2017203448	Johnson & Johnson Consumer Inc.
		2017203484	CFM Pharma Holding BV

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2017203587	EXEGER Sweden AB	2018200360	Samsung Electronics Co., Ltd.
2017203611	SCHOLAR ROCK, INC.	2018200608	Owens-Brockway Glass Container Inc.
2017203753	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.	2018200609	ArvinMeritor Technology, LLC
2017203790	SBI Biotech Co, Ltd.	2018201433	Nevro Corporation
2017203911	UAB Research Foundation; Lipimetix Development, LLC	2018201610	Fujitsu Limited
2017203917	FISHER & PAYKEL HEALTHCARE LIMITED	2018201792	Huawei Technologies Co., Ltd.
2017203974	Opex Corporation	2018201860	Lewmar Limited
2017204103	The United States of America, as represented by the Secretary, Department of Health and Human Services	2018202490	Weber-Stephen Products LLC
2017204144	Visa International Service Association	2018202550	FULLGREEN LTD
2017204519	RTC Industries, Inc.	2018203411	Brainsway, Ltd.
2017204741	Purdue Pharma L.P.	2018203702	Amazon Technologies, Inc.
2017204759	Johnson & Johnson Vision Care, Inc.	2018204185	ViewRay Technologies, Inc.
2017204829	Palmer Labs, LLC; 8 Rivers Capital, LLC	2018205125	Caterpillar Inc.
2017206172	Atlas Copco Airpower, naamloze vennootschap	2018312628	Orbilift Pty Ltd
2017207508	LTI Flexible Products, Inc.	2019200250	Golden Omega S.A.
2017208221	Optis Wireless Technology, LLC	2019200328	GE Video Compression, LLC
2017208279	The United States of America, as represented by the Secretary, Department of Health and Human Services	2019200417	Apple Inc.
2017210529	Facebook, Inc.		
2017210533	Rovita GmbH		
2017213460	GE Global Sourcing LLC		
2017213468	HUANG, H.		
2017215973	Unilever PLC		
2017216494	Sony Corporation		
2017216508	Gilead Biologics, Inc.		
2017216537	Rite-Hite Holding Corporation		
2017218918	Lotus Tissue Repair Inc.		
2017218948	Thru Tubing Solutions, Inc.		
2017219102	Jelmar, LLC		
2017219104	Jelmar, LLC		
2017221771	Zhengzhou Zezheng Technical Services Ltd.		
2017225126	Honda Motor Co., Ltd.		
2017228648	GEORGETOWN UNIVERSITY		
2017229092	Kerdea Technologies, Inc.		
2017232135	NuVasive, Inc.		
2017232142	LifeCell Corporation		
2017232151	Accenture Global Solutions Limited		
2017232162	Novartis AG		
2017232216	Hydramet Pty Ltd		
2017239617	Ethicon Endo-Surgery, Inc.		
2017245313	Cargill, Incorporated		
2017245390	The Procter & Gamble Company		
2017246207	Dioxide Materials, Inc.		
2017251704	Quadriga BioSciences, Inc.		
2017251763	Bally Gaming, Inc.		
2017254511	Beijing Etechwin Electric Co., Ltd.		
2017257061	Ustav Organicke Chemie A Biochemie AV CR, v.v.i.; Mikrobiologicky Ustav AV CR, V.V.I.; Trios, spol. s.r.o.		
2017258862	Depuy Mitek, LLC		
2017265044	Ping An Technology (Shenzhen) Co. , Ltd.		
2017265094	Seminis Vegetable Seeds, Inc.		
2017265138	Apple Inc.		
2017265896	Universite Cergy-Pontoise		
2017267497	NCH Corporation		
2017267546	NCH Corporation		
2017267547	NCH Corporation		
2017268582	Apple Inc.		
2017268598	Case Western Reserve University		
2017272147	Ricoh Company, Ltd.		
2017272162	Sivantos Pte. Ltd.		
2017272165	Sivantos Pte. Ltd.		
2017276155	PHARMA MAR, S.A.		
2017276157	PHARMA MAR, S.A.		
2017276322	Tata Consultancy Services Limited		
2017279673	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI		
2017363222	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
2017385053	Dropbox, Inc.		
2018200072	Samsung Electronics Co., Ltd.		

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<b><u>A01D 41 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A46B 13 /-</u></b>	2015200399	2014318488	2016335701
2016318238	2015336083	2014369345	2015262864	2014368420	2017276155
<b><u>A01D 45 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A47F 1 /-</u></b>	2017201049	2014368725	2017276157
2016318238	2017215973	2017204519	2017232135	2015221390	<b><u>A61K 48 /-</u></b>
<b><u>A01D 57 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A47F 5 /-</u></b>	<b><u>A61B 50 /-</u></b>	2015231270	2014318890
2016318238	2017210533	2017204519	2014342636	2015231275	2016335701
<b><u>A01G 13 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47G 5 /-</u></b>	<b><u>A61B 6 /-</u></b>	2015312159	2017203790
2015333812	2019200250	2017204519	2014321328	2015316801	2017208279
<b><u>A01G 25 /-</u></b>	<b><u>A23L 13 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61C 1 /-</u></b>	2015349390	<b><u>A61K 8 /-</u></b>
2015355668	2017210533	2015202673	2014321328	2016210899	2014250624
<b><u>A01H 1 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47G 27 /-</u></b>	<b><u>A61C 17 /-</u></b>	2016212527	2014250625
2017245313	2015252768	2017200701	2014369345	2016231883	2015417381
<b><u>A01H 15 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47G 9 /-</u></b>	2017203753	2016285916	2016236521
2017265094	2015252768	2017213468	2017204741	2016290820	2016357297
<b><u>A01H 5 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61D 1 /-</u></b>	2016407635	2016371603
2016218739	2018202550	2014365075	2014352984	2017200230	<b><u>A61K 9 /-</u></b>
2017245313	2015267077	2015233031	2017221771	2017202726	2014289763
<b><u>A01K 29 /-</u></b>	<b><u>A23L 35 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61F 13 /-</u></b>	2017203484	2014292314
2015303581	2017210533	2015417375	2014274943	2017204741	2014310317
<b><u>A01N 1 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61F 2 /-</u></b>	2017228648	2015267077
2015316564	2015252768	2013326078	2014270431	2017232162	2016212527
<b><u>A01N 37 /-</u></b>	<b><u>A24D 3 /-</u></b>	<b><u>A47L 13 /-</u></b>	2014276850	2017251704	2016285916
2015298629	2015411093	2016260587	2016248997	2017257061	2017200230
2016247768	<b><u>A24F 47 /-</u></b>	<b><u>A61B 17 /-</u></b>	2017232142	2017276155	2017202726
2016249814	2015261877	2014201271	<b><u>A61F 5 /-</u></b>	2017276157	2017204759
<b><u>A01N 43 /-</u></b>	2015347900	2014237700	2016203035	<b><u>A61K 33 /-</u></b>	<b><u>A61L 101 /-</u></b>
2017201536	2015384410	2014253945	<b><u>A61G 1 /-</u></b>	2014235821	2014250624
<b><u>A01N 47 /-</u></b>	<b><u>A45C 13 /-</u></b>	2014268469	<b><u>A61G 5 /-</u></b>	2017203484	<b><u>A61L 15 /-</u></b>
2016277619	2017201278	2014270431	2018312628	<b><u>A61K 35 /-</u></b>	2014235821
<b><u>A01N 57 /-</u></b>	2019200417	2014342636	<b><u>A61G 7 /-</u></b>	2014364182	2014274943
2016277619	<b><u>A45C 5 /-</u></b>	2015220604	<b><u>A61J 1 /-</u></b>	2017201774	<b><u>A61L 24 /-</u></b>
<b><u>A01N 63 /-</u></b>	2016366623	2016238942	<b><u>A61J 3 /-</u></b>	2017203484	2015221390
2016277619	<b><u>A45D 1 /-</u></b>	2016337382	<b><u>A61G 9 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>A61L 27 /-</u></b>
2017218918	2016366623	2016392215	2014235331	2014289763	2015221390
<b><u>A22B 3 /-</u></b>	<b><u>A45D 34 /-</u></b>	2017200684	<b><u>A61G 1 /-</u></b>	2014299414	2015231110
2015303581	2016326281	2017239617	2014348446	<b><u>A61K 38 /-</u></b>	2015338739
<b><u>A23C 9 /-</u></b>	<b><u>A45D 40 /-</u></b>	2017258862	<b><u>A61G 5 /-</u></b>	2014368420	2016248997
2015267077	2016326281	<b><u>A61B 18 /-</u></b>	2018312628	2015298629	<b><u>A61L 29 /-</u></b>
		2014201315	<b><u>A61G 7 /-</u></b>	2015301936	2016335701
		2014201467	<b><u>A61J 1 /-</u></b>	2016279804	<b><u>A61L 31 /-</u></b>
		2014274903	2017202460	2016281189	2016335701
		<b><u>A61B 3 /-</u></b>	<b><u>A61J 3 /-</u></b>	2016335701	<b><u>A61L 31 /-</u></b>
		2014354762	2017203035	2017200881	2016335701
		2016306656	<b><u>A61J 1 /-</u></b>	2017201075	<b><u>A61L 9 /-</u></b>
		<b><u>A61B 5 /-</u></b>	2015200514	2017203611	2014250624
		2014274640	2017245390	2017203911	<b><u>A61M 1 /-</u></b>
		2014276776	<b><u>A61J 3 /-</u></b>	2017218918	2014268469
			2017245390	2017276155	<b><u>A61M 11 /-</u></b>
			<b><u>A61K 31 /-</u></b>	2017276157	2016263444
			2014289763	<b><u>A61K 39 /-</u></b>	
			2014292314	2014248515	
			2014299414	2014296626	
			2014310317	2016248997	
				2017201075	
				2017203790	
				2017216508	
				<b><u>A61K 45 /-</u></b>	

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<b><u>A61M 15 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>A61Q 11 /-</u></b>	<b><u>B02C 17 /-</u></b>	<b><u>B26D 1 /-</u></b>	2015298807
2014318858	2016407635	2015417381	2016201564	2015350424	<b><u>B60K 7 /-</u></b>
<b><u>A61M 16 /-</u></b>	<b><u>A61P 23 /-</u></b>	2016357297	<b><u>B03B 9 /-</u></b>	2016302158	2016212706
2014230084	2014250756	2016371603		<b><u>B26D 3 /-</u></b>	<b><u>B60P 1 /-</u></b>
2017203917		<b><u>A61Q 15 /-</u></b>	2017202002	2016302158	2015301816
<b><u>A61M 25 /-</u></b>	<b><u>A61P 25 /-</u></b>	2016236521	<b><u>B03C 1 /-</u></b>		
	2014364182		2017202002	<b><u>B29B 11 /-</u></b>	<b><u>B60P 3 /-</u></b>
2014270431	2015316801	<b><u>A62B 18 /-</u></b>		2015284500	2017207508
2014274903	2016212527	2016301347	<b><u>B03D 1 /-</u></b>		
2014274933	2016231883	2016342192	2015394640	<b><u>B29C 70 /-</u></b>	<b><u>B60P 7 /-</u></b>
2014342636	2017228648		2016338894	2015284500	2016277141
<b><u>A61M 27 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>A62B 19 /-</u></b>	<b><u>B03D 101 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B60R 13 /-</u></b>
2014290371	2017204759	2016301347		2016252824	2015301816
<b><u>A61M 31 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>A63F 1 /-</u></b>	2016338894	<b><u>B32B 37 /-</u></b>	2017207508
	2016281189	2016324533	<b><u>B03D 103 /-</u></b>		
2017201049	2016290820		2016338894	2016349550	<b><u>B60W 30 /-</u></b>
<b><u>A61M 37 /-</u></b>	2016407635	<b><u>B01D 29 /-</u></b>			
		2014339999	<b><u>B05B 11 /-</u></b>	<b><u>B32B 5 /-</u></b>	2018205125
2014318858	<b><u>A61P 3 /-</u></b>	2015216570		2016252824	<b><u>B60W 40 /-</u></b>
<b><u>A61M 39 /-</u></b>	2016212527	<b><u>B01D 46 /-</u></b>	2014360469		
	2017203484		<b><u>B05B 3 /-</u></b>	<b><u>B41J 2 /-</u></b>	2018205125
2014201315		2014339999	2015355668	2016306099	<b><u>B61C 17 /-</u></b>
2014274933	<b><u>A61P 31 /-</u></b>	2017279673			
2014274943	2014299414	<b><u>B01D 47 /-</u></b>	<b><u>B07C 3 /-</u></b>	<b><u>B43M 7 /-</u></b>	2017213460
<b><u>A61M 5 /-</u></b>	2015231270			2017203974	<b><u>B61D 17 /-</u></b>
	2015231275	2016208969	2017203974		
2014201315	2016407635	<b><u>B01D 53 /-</u></b>	<b><u>B08B 9 /-</u></b>	<b><u>B60B 25 /-</u></b>	2015221502
2014274943	2017203790		2016308801	2015364899	<b><u>B62D 33 /-</u></b>
2017202553	2017257061	2016208969	<b><u>B21B 1 /-</u></b>	<b><u>B60B 35 /-</u></b>	2015301816
2017232216	<b><u>A61P 35 /-</u></b>	2016265109			
<b><u>A61N 1 /-</u></b>	2014233385	2016301347	<b><u>B21B 45 /-</u></b>	<b><u>B60G 11 /-</u></b>	2018312628
	2014368420	<b><u>B01D 61 /-</u></b>	2016260101		
2014268445	2016210551			2018200609	<b><u>B62D 57 /-</u></b>
2014274903	2016290820	2014268469	<b><u>B21B 45 /-</u></b>	<b><u>B60G 11 /-</u></b>	2018312628
2014318858	2017203790	<b><u>B01F 5 /-</u></b>	2016260101	2016247125	<b><u>B62K 11 /-</u></b>
2016280885	2017208279		<b><u>B23B 45 /-</u></b>	<b><u>B60G 13 /-</u></b>	2017225126
2017268598	2017232162	2015216570			
2018201433	2017251704	<b><u>B01J 19 /-</u></b>	2016257438	2016247125	<b><u>B62K 3 /-</u></b>
<b><u>A61N 2 /-</u></b>	2017276155		<b><u>B24B 23 /-</u></b>	<b><u>B60G 17 /-</u></b>	2016212706
	2017276157	2015208702			
2018203411	<b><u>A61P 37 /-</u></b>	<b><u>B01J 20 /-</u></b>	2015354583	2018205125	<b><u>B63C 9 /-</u></b>
<b><u>A61N 5 /-</u></b>	2016212527		<b><u>B25B 21 /-</u></b>	<b><u>B60G 5 /-</u></b>	2015298807
	2017203790	2016301347			
2015316564	<b><u>A61P 43 /-</u></b>	<b><u>B01J 23 /-</u></b>	2015354583	2016247125	<b><u>B63H 21 /-</u></b>
2017203448			2016257438		
2018204185	2017203790	2016312962	<b><u>B25B 5 /-</u></b>	<b><u>B60J 10 /-</u></b>	2015298807
<b><u>A61P 1 /-</u></b>					2016332489
	2017203790	<b><u>B01J 4 /-</u></b>	2016257438	2015310911	<b><u>B64C 27 /-</u></b>
2016212527	<b><u>A61P 5 /-</u></b>			2017207508	
<b><u>A61P 13 /-</u></b>	2016210899	2016371681	<b><u>B25F 5 /-</u></b>	<b><u>B60J 7 /-</u></b>	2016305704
		<b><u>B01J 7 /-</u></b>			
2017203484	<b><u>A61P 9 /-</u></b>		2015354583	2018201860	<b><u>B64C 3 /-</u></b>
<b><u>A61P 17 /-</u></b>	2016212527	2015208702	<b><u>B25J 9 /-</u></b>	<b><u>B60K 17 /-</u></b>	2015243019
	2017203484	<b><u>B02C 13 /-</u></b>			
2015221390	<b><u>A61Q 1 /-</u></b>		2016375179	2018200609	<b><u>B65B 19 /-</u></b>
2017202726		2016201564	2016378652		
2017203790	2014277631		<b><u>B60K 28 /-</u></b>		2015411093

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<b>B65B 35 /-</b>		2014372702	2016247768	<b>C07D 413 /-</b>	2017204103
2015417375	<b>C01B 32 /-</b>				2017208279
<b>B65B 59 /-</b>	2015208702	<b>C07C 311 /-</b>	<b>C07D 239 /-</b>	2016217496	<b>C07K 17 /-</b>
	2015302221	2016247768	2016247768	2016290820	
2015411093	<b>C02F 1 /-</b>	<b>C07C 317 /-</b>	<b>C07D 249 /-</b>	<b>C07D 417 /-</b>	2015301936
<b>B65D 1 /-</b>	2014366932	2016247768	2014351486	2016247768	<b>C07K 19 /-</b>
	2017232216		2016247768	2016290820	2016210551
2016252824	<b>C02F 11 /-</b>	<b>C07C 319 /-</b>	<b>C07D 257 /-</b>	<b>C07D 471 /-</b>	<b>C07K 2 /-</b>
<b>B65D 19 /-</b>	2014324079	2015238266		2014368725	2017201075
2016384581			2015231270	2016247768	
<b>B65D 23 /-</b>	<b>C04B 103 /-</b>	<b>C07C 323 /-</b>	2015231275	2016290820	<b>C08B 30 /-</b>
	2015260997	2016247768		<b>C07D 473 /-</b>	2015267077
2018200608	<b>C04B 111 /-</b>	<b>C07C 331 /-</b>	2016247768	2014368725	<b>C08B 31 /-</b>
<b>B65D 25 /-</b>	2015260997	2016247768	<b>C07D 277 /-</b>	<b>C07D 487 /-</b>	2015267077
2014366899	<b>C04B 28 /-</b>	<b>C07C 381 /-</b>	2016247768	2014368725	<b>C08F 214 /-</b>
<b>B65D 41 /-</b>	2015260997	2016247768	<b>C07D 285 /-</b>	2015316801	2015209466
2014366899	2017265896	<b>C07C 41 /-</b>	2016247768	<b>C07D 489 /-</b>	<b>C08G 81 /-</b>
2015213747	<b>C07C 1 /-</b>	2014372702	<b>C07D 295 /-</b>	2017204741	2017202265
<b>B65D 43 /-</b>	2014372702	<b>C07C 43 /-</b>	2016247768	<b>C07D 495 /-</b>	<b>C08J 3 /-</b>
	2015291733		2016249814	2016290820	2015221390
2016326281	<b>C07C 11 /-</b>	2014372702	<b>C07D 305 /-</b>	<b>C07D 498 /-</b>	<b>C08J 5 /-</b>
<b>B65D 47 /-</b>		<b>C07D 205 /-</b>	2016247768	2015316801	2015343856
2015202673	2014372702	2016247768	2016249814	<b>C07D 507 /-</b>	2017246207
<b>B65D 50 /-</b>	<b>C07C 229 /-</b>	2016249814	<b>C07D 307 /-</b>	2014233385	<b>C08K 3 /-</b>
	2017251704	<b>C07D 207 /-</b>	2016247768	<b>C07F 9 /-</b>	2015343856
2014366899	<b>C07C 237 /-</b>	2016247768	<b>C07D 309 /-</b>	2017202265	<b>C08K 5 /-</b>
<b>B65D 51 /-</b>	2014289663	<b>C07D 209 /-</b>	2016247768	2017251704	2015343856
	2016326281	2016247768	2016249814	2017257061	<b>C08L 21 /-</b>
2018200608	2016249814	2016247768	<b>C07D 211 /-</b>	<b>C07H 19 /-</b>	2015343856
<b>B65D 55 /-</b>	2017251704	<b>C07D 213 /-</b>	2014318488	2015349390	<b>C08L 3 /-</b>
	<b>C07C 239 /-</b>	2015231270	2016247768	<b>C07K 14 /-</b>	2015267077
2014366899	2017251704	2016247768	2016249814	2013388126	<b>C08L 5 /-</b>
<b>B65D 71 /-</b>	<b>C07C 255 /-</b>	2016247768	<b>C07D 333 /-</b>	2014318890	2015221390
	2016247768	2016249814	2016247768	2014345338	<b>C09D 5 /-</b>
2015417375	<b>C07C 259 /-</b>	<b>C07D 215 /-</b>	2016249814	2014368420	2016382454
	2016247768	2016247768	<b>C07D 401 /-</b>	2015301936	<b>C09J 123 /-</b>
2017201049		<b>C07D 231 /-</b>	2015231275	2016281189	
<b>B65D 83 /-</b>	<b>C07C 271 /-</b>	2016247768	2016290820	2016335701	2016382454
	2016247768	<b>C07D 233 /-</b>	2017201536	2017201075	
2015208702		2016247768	<b>C07D 403 /-</b>	2017203611	<b>C09K 8 /-</b>
2015218380	<b>C07C 29 /-</b>	2015312159	2015231275	2017204103	
2017200230	2014372702	2016210899	<b>C07D 405 /-</b>	2017208279	
<b>B65D 85 /-</b>	2016247768	2016247768	2016290820	<b>C07K 16 /-</b>	2015305451
	<b>C07C 309 /-</b>	<b>C07D 235 /-</b>	<b>C07D 409 /-</b>	2013388126	<b>C09K 5 /-</b>
2014360469	2017251704	2016247768	2016290820	2014232501	2017265896
2015411093	<b>C07C 31 /-</b>	<b>C07D 237 /-</b>	2016290820	2014236990	
2016277141			2016290820	2014248515	<b>C09K 8 /-</b>
2017245390	<b>C07C 31 /-</b>			2016210551	
<b>B66C 1 /-</b>				2017201075	
				2017203611	
2014253561				2017203790	

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<b><u>C10G 3 /-</u></b>	2017265094		<b><u>E01F 13 /-</u></b>	<b><u>F01N 13 /-</u></b>	<b><u>F16B 19 /-</u></b>
2015291733	<b><u>C12N 5 /-</u></b>	<b><u>C22B 3 /-</u></b>	2015208911	2015339249	2017363222
<b><u>C10L 1 /-</u></b>	2013264708	2016232007	<b><u>E02F 9 /-</u></b>	<b><u>F01N 9 /-</u></b>	<b><u>F16C 19 /-</u></b>
2014399747	2013284340	2016238725	2016227095	2015339249	2018200609
<b><u>C10L 3 /-</u></b>	2013287261	<b><u>C22C 38 /-</u></b>	2016354542	<b><u>F02C 1 /-</u></b>	<b><u>F16C 25 /-</u></b>
2016335111	2016218739	2015281542	<b><u>E03C 1 /-</u></b>	2017204829	2018200609
<b><u>C10M 135 /-</u></b>	2017201075	2016260101	2016238907	<b><u>F02C 3 /-</u></b>	<b><u>F16C 3 /-</u></b>
2017267497	2017201774	<b><u>C25B 1 /-</u></b>	<b><u>E04B 2 /-</u></b>	2017204829	2018200609
2017267546	2017203790	2017246207	2017203291	<b><u>F02C 6 /-</u></b>	<b><u>F16H 48 /-</u></b>
2017267547	2017204103	<b><u>C25B 11 /-</u></b>	<b><u>E04H 5 /-</u></b>	2017204829	2018200609
<b><u>C10M 159 /-</u></b>	<b><u>C12N 7 /-</u></b>	2016401931	2016335111	<b><u>F02D 35 /-</u></b>	<b><u>F16K 17 /-</u></b>
2017267497	2013287261	2017246207	<b><u>E21B 15 /-</u></b>	2017229092	2015208702
2017267546	<b><u>C12N 9 /-</u></b>	<b><u>C25B 3 /-</u></b>	2016313157	<b><u>F02D 41 /-</u></b>	<b><u>F16K 27 /-</u></b>
2017267547	2016210551	2015291733	<b><u>E21B 17 /-</u></b>	2017229092	2016229850
<b><u>C10M 169 /-</u></b>	<b><u>C12P 13 /-</u></b>	2016401931	2016287279	2017279673	<b><u>F16K 5 /-</u></b>
2017267497	2014289663	2017246207	<b><u>E21B 19 /-</u></b>	<b><u>F02M 35 /-</u></b>	2016229850
2017267546	<b><u>C12P 21 /-</u></b>	<b><u>C25C 3 /-</u></b>	2016313157	2017279673	<b><u>F16M 3 /-</u></b>
2017267547	2014236990	2015282394	<b><u>E21B 23 /-</u></b>	2015254841	2015394640
<b><u>C10M 177 /-</u></b>	2014296626	<b><u>D01F 9 /-</u></b>	2016287279	<b><u>F03D 1 /-</u></b>	<b><u>F16S 1 /-</u></b>
2017267497	2017203790	2016312962	<b><u>E21B 3 /-</u></b>	2017254511	2015221502
2017267546	<b><u>C12P 7 /-</u></b>	<b><u>D04H 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04B 27 /-</u></b>	<b><u>F17C 3 /-</u></b>
2017267547	2015302221	2015284500	2015380180	2015255672	2014285934
<b><u>C11B 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2015338739	<b><u>E21B 43 /-</u></b>	<b><u>F04B 35 /-</u></b>	<b><u>F24F 12 /-</u></b>
2019200250	2013262435	<b><u>D04H 13 /-</u></b>	2016287279	2015255672	2014363233
<b><u>C11D 1 /-</u></b>	2013349801	2015284500	2017218948	<b><u>F04B 39 /-</u></b>	<b><u>F24F 13 /-</u></b>
2015236386	2016244315	<b><u>D04H 3 /-</u></b>	<b><u>E21B 47 /-</u></b>	2015255672	2015407137
2016321761	2016354916	2015284500	2015387499	<b><u>F04B 43 /-</u></b>	2017216537
2017219102	2016391100	<b><u>D06F 39 /-</u></b>	2016287279	2014201315	<b><u>F24F 5 /-</u></b>
2017219104	<b><u>C21B 11 /-</u></b>	2016269472	2017218948	2015222915	2014363233
<b><u>C11D 3 /-</u></b>	2016253642	<b><u>D06F 58 /-</u></b>	<b><u>F01C 1 /-</u></b>	<b><u>F04C 18 /-</u></b>	<b><u>F25B 1 /-</u></b>
2015236386	<b><u>C21B 13 /-</u></b>	2014314509	2015354583	2015396402	2015396402
2016321761	2016253642	<b><u>D06P 1 /-</u></b>	<b><u>F01C 13 /-</u></b>	2017206172	<b><u>F25D 11 /-</u></b>
2017219102	<b><u>C21B 5 /-</u></b>	2017200701	2015354583	<b><u>F04C 29 /-</u></b>	2014404815
2017219104	2014361209	<b><u>D06P 3 /-</u></b>	<b><u>F01C 21 /-</u></b>	2015277603	<b><u>F25D 29 /-</u></b>
<b><u>C11D 7 /-</u></b>	<b><u>C21B 7 /-</u></b>	2016269472	2015354583	2015396402	2014404815
2015236386	2014361209	<b><u>D06P 5 /-</u></b>	<b><u>F01N 1 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F25J 1 /-</u></b>
<b><u>C12N 13 /-</u></b>	<b><u>C21C 5 /-</u></b>	2017200701	2015339249	2015307309	2016292716
2013284340	2014361209	<b><u>D21C 1 /-</u></b>	<b><u>F01N 11 /-</u></b>	<b><u>F04F 1 /-</u></b>	2016335111
<b><u>C12N 15 /-</u></b>	2016253642	2016371681	2017229092	2014268469	<b><u>F25J 3 /-</u></b>
2013264708	<b><u>C21D 1 /-</u></b>	<b><u>E01C 11 /-</u></b>			
2013287261	2016260101	2015216827			
2014289663	<b><u>C21D 9 /-</u></b>				
2014318890	2016260101				
2014345338	2016260101				
2016218739	<b><u>C22B 11 /-</u></b>				
2016281189	2016232007				
2017201774					
2017203611					
2017203790					
2017208279					

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2016292716	2015387499	<b><u>G06T 7 /-</u></b>	<b><u>H01R 11 /-</u></b>	<b><u>H04L 5 /-</u></b>
<b><u>F26B 3 /-</u></b>	<b><u>G03G 15 /-</u></b>	2017201281	2014250615	2016233794
2014324079	2016306099	<b><u>G07F 17 /-</u></b>	<b><u>H01R 4 /-</u></b>	<b><u>H04L 9 /-</u></b>
<b><u>F28C 3 /-</u></b>	<b><u>G03G 21 /-</u></b>	2017251763	2014250615	2015204470
2014363233	2016306099	<b><u>G08B 17 /-</u></b>	<b><u>H02G 9 /-</u></b>	<b><u>H04M 1 /-</u></b>
<b><u>F28D 5 /-</u></b>	<b><u>G03G 9 /-</u></b>	2017200888	2016217747	2019200417
2014363233	2017272147	<b><u>G08C 17 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04M 9 /-</u></b>
<b><u>F28F 9 /-</u></b>	<b><u>G05B 19 /-</u></b>	2015380180	2014345728 2015246228 2018202490	2015262864
2014363233	2016257438	<b><u>G09F 3 /-</u></b>		<b><u>H04N 13 /-</u></b>
<b><u>G01B 9 /-</u></b>	<b><u>G05B 23 /-</u></b>	2014366899	<b><u>H02J 7 /-</u></b>	2017216494
2014308550	2016220855	<b><u>G09F 9 /-</u></b>	2016311525 2017203753	<b><u>H04N 19 /-</u></b>
<b><u>G01M 15 /-</u></b>	<b><u>G06F 17 /-</u></b>	2015219774		2017216494 2018200072
2017229092	2013334549	<b><u>G10L 19 /-</u></b>	<b><u>H02K 9 /-</u></b>	
<b><u>G01N 1 /-</u></b>	<b><u>G06F 21 /-</u></b>	2017268582 2018200360	2016332489	<b><u>H04N 21 /-</u></b>
2017232216	2014389572 2017265044	<b><u>G11B 5 /-</u></b>	<b><u>H03G 3 /-</u></b>	2015230473 2015237307
<b><u>G01N 21 /-</u></b>	<b><u>G06F 3 /-</u></b>	2015201066	<b><u>H03M 1 /-</u></b>	<b><u>H04N 7 /-</u></b>
2014308550 2015236470 2017200888	2013273793 2014254368 2017265138	<b><u>G11B 7 /-</u></b>	2017272165	2015345987
<b><u>G01N 27 /-</u></b>	<b><u>G06F 8 /-</u></b>	2013341187	<b><u>H03M 3 /-</u></b>	<b><u>H04R 25 /-</u></b>
2016401931 2017246207	2017385053	<b><u>G16B 20 /-</u></b>	2017272165	2017272165
<b><u>G01N 33 /-</u></b>	<b><u>G06F 9 /-</u></b>	2012381038 2016209478 2016391100	<b><u>H03M 7 /-</u></b>	<b><u>H04R 3 /-</u></b>
2012381038 2013349801 2015236470 2017203611 2017203790 2017204103	2014240093 2014389572 2017210529 2017232151 2017385053 2018203702	<b><u>G16B 40 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 12 /-</u></b>
<b><u>G01N 35 /-</u></b>	<b><u>G06K 9 /-</u></b>	2016209478	2016271086	2015384233
2017232216	2015262864 2017201281 2017265138 2017276322	<b><u>G21F 3 /-</u></b>	2015200295	<b><u>H04W 4 /-</u></b>
<b><u>G01R 19 /-</u></b>		2014321328	<b><u>H04H 20 /-</u></b>	<b><u>H04W 4 /-</u></b>
2014345728		2016209478	2015200295	2016367058 2019200417
<b><u>G01R 33 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2017200750	<b><u>H04H 60 /-</u></b>	<b><u>H04W 52 /-</u></b>
2018204185	2017204144	<b><u>H01G 9 /-</u></b>	2015200295	2017208221
<b><u>G01S 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2017203587	<b><u>H04L 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2015208702	2017201196 2017201295	<b><u>H01M 10 /-</u></b>	2018201792	2016233794 2018201610 2018201792
<b><u>G01S 13 /-</u></b>	<b><u>G06T 1 /-</u></b>	2016311525	<b><u>H04L 12 /-</u></b>	<b><u>H04W 74 /-</u></b>
2014276776	2016392270	<b><u>H01M 4 /-</u></b>	2015345987 2016266044 2017201196 2018203702	2015404488 2018201610
<b><u>G01S 3 /-</u></b>	<b><u>G06T 19 /-</u></b>	2016401931	<b><u>H04L 27 /-</u></b>	<b><u>H04W 88 /-</u></b>
2017272162	2013224660	<b><u>H01M 8 /-</u></b>	2015404488 2017208221	2016257438 2019200417
<b><u>G01V 3 /-</u></b>		2016401931 2017246207	<b><u>H04L 29 /-</u></b>	<b><u>H04W 92 /-</u></b>
			2016367058 2018203702	2019200417

**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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(71) Dyson Technology Limited  
 (11) AU-B-2018101206  
 (21) 2018101206 (22) 20.08.2018  
 (54) A hairdryer  
 (51) Int. Cl.  
     **A45D 20/08** ( 2006.01 )  
     **A45D 20/10** ( 2006.01 )  
     **A45D 20/12** ( 2006.01 )  
 (45) 07.03.2019  
 (62) 2016102122  
 (72) Gammack, Peter; Courtney, Stephen;  
     Moloney, Patrick; Shelton, Edward  
 (74) Shelston IP Pty Ltd.

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(71) lavilaer Pty Ltd  
 (11) AU-B-2018101021  
 (21) 2018101021 (22) 24.07.2018  
 (54) Formwork and reinforcement for a suspended concrete slab  
 (51) Int. Cl.  
     **E04B 5/40** ( 2006.01 )  
 (31) 2018901429 (32) 30.04.18 (33) AU  
 (45) 07.03.2019  
 (72) Jackson, Ian  
 (74) Armour IP Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2018100966  
 (21) 2018100966 (22) 09.07.2018  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.  
     **A47L 5/24** ( 2006.01 )  
     **A47L 9/12** ( 2006.01 )  
     **A47L 9/16** ( 2006.01 )  
     **A47L 9/22** ( 2006.01 )  
     **A47L 9/28** ( 2006.01 )  
     **A47L 9/32** ( 2006.01 )  
 (45) 07.03.2019  
 (62) 2017240615  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM,  
     Jinju; KIM, Namhee; AN, Hyeonjeong;  
     HWANG, Philjae; HWANG, Mantae;  
     SUNG, Eunji; LEE, Taekgi  
 (74) Dentons New Zealand Limited



**Numerical Index**

**2018100966** LG Electronics Inc.  
**2018101021** Iavilaer Pty Ltd  
**2018101206** Dyson Technology Limited

**IPC Index**

**A45D 20 /-**

2018101206

**A47L 5 /-**

2018100966

**A47L 9 /-**

2018100966

**E04B 5 /-**

2018101021

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Applications Withdrawn**

2010213535 **The Arizona Board of Regents on behalf of The University of Arizona ( Ludwig, G. )**

**Patents Granted**

**Standard Patents**

2012343537 2012389270 2012395191 2013212066  
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**Patents Granted**

**Standard Patents**

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**Standard Patents**

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**Standard Patents**

**Innovation Patents**

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2019100115	2019100118	2019100119	2019100120
2019100121	2019100122	2019100123	2019100124

**Offer to Surrender**

It is hereby notified that **CONTOLEON, G. 27 JELICOE St** , **PROSTON QLD 4613** , the Patentee of Patent 2017100927 dated 07.02.2018 for an invention titled ' GLEANING FOR ENTRAINED GOLD MICRO-NUGGETS IN ALLUVIAL WASH-DOWNS' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2012220369 Polyline Piping Systems Pty Ltd The patent has been assigned to **Polyline Pipe Systems Ltd**

2012258332 ZAPS Technologies Inc The patent has been assigned to **G6Nine, LLC**

2014224249 Salzman Group, Inc. The patent has been assigned to **Salzman Group Pty. Ltd**

2014274526 Prostar Manufacturing Inc. The patent has been assigned to **Prostar Energy Technologies (USA) LLC**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

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

2013203780 **Exelixis, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jan 2018

For the goods CABOMETYX cabozantinib (as (S)-malate)

Extension of Term of patent pursuant to Section 77 expires on 19 Jan 2033

**Corrigenda**

In Vol 32 , No 20 , Page(s) 2898 under the heading **Assignments Before Grant, Section 113 - 2014** Under the name James Maida; Gerard May, Application No. 2014262629, under INID (71) correct the applicant name to James Maida; Gerard Mayo.

In Vol 33 , No 7 , Page(s) 1024 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Amgen Inc.; The Washington University, Application No. 2017310412, under INID (71) correct the co-applicants name to Washington University

In Vol 33 , No 7 , Page(s) 1053 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Spiber Inc., Application No. 2017310785, under INID (72) correct the co-inventors to Osawa, Toshiaki; Sato, Yuya; Morita, Keisuke.

**Corrigenda**

**Specifications Republished**

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

2015208670	<b>Ausco Modular Pty Limited</b>
2015243346	<b>NeuroVive Pharmaceutical AB</b>
2015328248	<b>Polaris Industries Inc.</b>
2017200361	<b>ViewRay Technologies, Inc.</b>