



**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**

***Fisher & Paykel Healthcare Limited v ResMed Limited [2018] APO 67***

Patent Application: 2014246587

Title: Pap Device with Noise Reducing Enclosure

Patent Applicant: ResMed Limited

Opponent: Fisher & Paykel Healthcare Limited

Delegate: M. G. Kraefft

Decision Date: 4 October 2018

Hearing Date: 8 August 2018, in Melbourne

Catchwords: **PATENTS** – section 59 – opposition to grant of patent – whether claims supported by matter disclosed in specification – whether definition required of specific juxtaposition of outlet air opening, outlet port, seal, and catch for lid of humidifier to provide support for claim – non-compliance with support requirement not established – opposition failed.

Representation: Counsel for the applicant: Mr Angus Lang  
Patent attorneys for the applicant: Ms Robynne Sanders, Mr Rob McMaster, DLA Piper

Solicitors for the opponent: Mr Matthew Swinn, Ms Ann-Kathrin Goller, Mr Matthew Caldwell, King & Wood Mallesons.  
Patent attorneys for the opponent: Baldwins

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Joy Global Surface Mining Inc* [2018] APO 68

Patent Application: 2016201890

Title: Depth-related help functions for a wheel loader training simulator

Patent Applicant: Joy Global Surface Mining Inc

Delegate: Isaac Tan

Decision Date: 5 October 2018

Hearing Date: Written Submissions filed 5 July 2018

Catchwords: **PATENTS** – section 45 – examiner objection hearing – manner of manufacture under section 18(1)(a) – computer implemented invention – substance of the invention relates to the presentation, and communication, of intellectual information – the invention is a training simulator which provides proper depth perspectives within the virtual training environment – contribution to the art is not technical – invention does not open the way for the computer to be used more efficiently than had been previously possible – claims are not directed towards a manner of manufacture – lack of support under section 40(3) – no determination made on whether the claims are supported by the disclosure in the body of the specification – application refused

Representation: Greg Munt, Patent Attorney of Griffith Hack

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 2 Oct 2018 .

<hr/> <p>(71) Alfred Health (21) 2018903749 (22) 04.10.2018 (54) Methods for monitoring response to treatment</p> <hr/> <p>(71) Aqua Clean Tas Pty. Ltd. (21) 2018903767 (22) 05.10.2018 (54) Net cleaning device for in-situ cleaning of a submerged net, method and system</p> <hr/> <p><b>Auckland Uniservices Limited see The University of Melbourne</b> (21) 2018903745</p> <hr/> <p><b>AUSAIR IP TRUST see JOEY AUSTRALIA ENTERPRISE PTY LTD</b> (21) 2018903756</p> <hr/> <p>(71) Barton, J.; Sim, B. (21) 2018903758 (22) 05.10.2018 (54) Underbelt (Kyudo) quiver</p> <hr/> <p>(71) BECVINOVSKA, Z. (21) 2018903742 (22) 04.10.2018 (54) FOODSTUFF</p> <hr/> <p>(71) Bliznina, N. (21) 2018903778 (22) 07.10.2018 (54) LAND RISK ASSESSMENT Property Decision Making Facilitator (the cadastral parcel of the land for the intended use suitability)</p> <hr/> <p>(71) capenecas, j. (21) 2018903759 (22) 05.10.2018 (54) pigy back tv shelve</p> <hr/>	<p>(71) Centurion International Imports Pty Ltd (21) 2018903760 (22) 05.10.2018 (54) Identification System</p> <hr/> <p>(71) Cool Mine Pty Ltd (21) 2018903723 (22) 02.10.2018 (54) POWER GENERATION APPARATUS AND METHOD</p> <hr/> <p>(71) Crommelin Agricoatings Pty Ltd (21) 2018903720 (22) 02.10.2018 (54) A composition for treating urea</p> <hr/> <p>(71) Cumpston, P. (21) 2018903773 (22) 05.10.2018 (54) A Heuristic Approach to Heparin Management During Catheter Ablation for Atrial Fibrillation (CA-AF)</p> <hr/> <p>(71) Cunningham, S. (21) 2018903774 (22) 05.10.2018 (54) Galvanic Isolator with Improved High Frequency Screening for Coaxial Distribution Networks</p> <hr/> <p>(71) D.I.T Technologies Ltd (21) 2018903768 (22) 05.10.2018 (54) UREA COMPOSITIONS FOR USE AS AN ANIMAL FEED</p> <hr/> <p>(71) Dedov, V. (21) 2018903776 (22) 06.10.2018 (54) Multi-functional leg-operated input device</p> <hr/> <p>(71) EASYQUIP PTY LTD (21) 2018903718 (22) 02.10.2018 (54) WASTE CONTAINER LID AND APPARATUS</p> <hr/>	<p>(71) Esnouf, P. (21) 2018903721 (22) 02.10.2018 (54) This invention relates to methods and apparatus for use in monitoring force applied during distraction of a hip joint for surgical procedure.</p> <hr/> <p>(71) ETP Ion Detect Pty Ltd (21) 2018903770 (22) 05.10.2018 (54) IMPROVMENTS TO ELECTRON MULTIPLIER INTERNAL REGIONS</p> <hr/> <p>(71) Exacta IP Pty Ltd (21) 2018903755 (22) 04.10.2018 (54) A Relative Plantar Pressure Measurement System</p> <hr/> <p>(71) FB Rice Pty Ltd (21) 2018903719 (22) 02.10.2018 (54) Herbicidal compositions</p> <hr/> <p><b>Frothin Industries Pty Ltd see Sidebottom, M.</b> (21) 2018903703</p> <hr/> <p>(71) Girgis Innovations Pty Ltd (21) 2018903747 (22) 04.10.2018 (54) Trolley</p> <hr/> <p>(71) Goldys, E.; Guller, A.; Nadort, A. (21) 2018903766 (22) 05.10.2018 (54) Embryo-derived organ specific tissue engineering scaffolds and constructs</p> <hr/> <p><b>Guller, A. see Goldys, E.</b> (21) 2018903766</p> <hr/> <p>(71) Hardcastle, P. (21) 2018903781 (22) 08.10.2018 (54) SunGriddle Solar Powered Portable BBQ</p> <hr/>
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Provisional Applications Filed - Name Index cont'd

(71) Hayward, J.  
(21) 2018903743 (22) 04.10.2018  
(54) Siron

(71) Higgins, C.L.  
(21) 2018903751 (22) 04.10.2018  
(54) Improved computer architecture supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions

(71) Iris Biomedical Pty Ltd  
(21) 2018903727 (22) 02.10.2018  
(54) A device, system and method for monitoring an analyte concentration in a foetus

(71) JOEY AUSTRALIA ENTERPRISE PTY LTD; AUSAIR IP TRUST  
(21) 2018903756 (22) 04.10.2018  
(54) Essential Oil Anti-Particulate Matter Mask

(71) Kamel, C.  
(21) 2018903780 (22) 07.10.2018  
(54) Travel Foot Rest Tray

(71) Krajancich, J.  
(21) 2018903771 (22) 05.10.2018  
(54) "IMPROVED COMBUSTION ENGINE"

(71) Legrand Australia Pty Ltd  
(21) 2018903754 (22) 04.10.2018  
(54) Power Point Assembly

(71) Lovisa, J.  
(21) 2018903772 (22) 05.10.2018  
(54) A Social Networking System to Promote Altruism

(71) Martin, T.  
(21) 2018903753 (22) 04.10.2018  
(54) ThoroughScope

(71) Minomic International Ltd.  
(21) 2018903763 (22) 05.10.2018  
(54) Biomarker combinations for determining aggressive prostate cancer

(71) Monash City Council  
(21) 2018903736 (22) 03.10.2018  
(54) Improvements in Relation to Root Barriers and Their Use

(71) Monash University  
(21) 2018903746 (22) 04.10.2018  
(54) A coke substitute and a method of producing same

(71) MUPPET LABS PTY LTD  
(21) 2018903764 (22) 05.10.2018  
(54) A TRANSLITERATION ENGINE APPLICATION, METHOD & SYSTEM

(71) MUPPET LABS PTY LTD  
(21) 2018903765 (22) 05.10.2018  
(54) A PHYSICAL PRESENCE APPLICATION, METHOD & SYSTEM DETECTOR

Nadort, A. see Goldys, E.  
(21) 2018903766

(71) Nontox Pty Ltd  
(21) 2018903724 (22) 02.10.2018  
(54) Herbicidal compositions

(71) ORISTAR PTY LIMITED  
(21) 2018903735 (22) 03.10.2018  
(54) A teleoperated or autonomous programmed hull cleaning device

(71) Pandoe Pty Ltd  
(21) 2018903731 (22) 03.10.2018  
(54) SUPPORT FRAME

(71) Phantom Precision Engineering Pty Ltd  
(21) 2018903732 (22) 03.10.2018  
(54) DENTAL DRIVER SYSTEM

(71) Phonemed  
(21) 2018903737 (22) 03.10.2018  
(54) Instantscripts is a Prescription generating device sitting on the pharmacy counter. The user selects from a pre-arranged list of medications that is on the device. Once the user selects his/her medication they are asked a series of questions unique to the eligibility criteria of that medication. If answered correctly, a prescription is automatically emailed to the pharmacist's computer.

(71) QUEENSLAND SCHOOL OF MOTORING PTY LTD  
(21) 2018903775 (22) 06.10.2018  
(54) Road Vue is a driver and road safety multi-platform application which can be run on any mobile device (includes but not limited to mobile cellular phones, tablets, lap top computers) or standalone electronic devices with permanent or semi-permanent fixture to vehicles.

(71) Qumsieh, N.  
(21) 2018903722 (22) 02.10.2018  
(54) Sealing Apparatus

(71) RCK Technologies Pty Ltd  
(21) 2018903738 (22) 03.10.2018  
(54) Energy Storage Device

(71) RESMED LIMITED  
(21) 2018903752 (22) 04.10.2018  
(54) Textile Seal Forming Structure

(71) ryan, s.  
(21) 2018903762 (22) 05.10.2018  
(54) white cocoa chocolate

(71) Schneider Electric (Australia) Pty Limited  
(21) 2018903769 (22) 05.10.2018  
(54) SWITCH INTERFACE ELEMENT

(71) Scurrah, M.  
(21) 2018903725 (22) 02.10.2018  
(54) Payment System

(71) Sidebottom, M.; Frothin Industries Pty Ltd  
(21) 2018903703 (22) 01.10.2018  
(54) Surf ResQ surfboard leash connection device. Upon damage causing breakage occurring to a surfboard leash the SurfResQ surfboard leash connection device is a temporary device used to join the two pieces of broken surfboard leash cord (urethane) back together.

Sim, B. see Barton, J.  
(21) 2018903758

(71) SPLASH DOWN PTY. LTD.  
(21) 2018903761 (22) 05.10.2018  
(54) Smart Amenity solutions Providing and integrated end to end solution of large portable amenity installations for large events, functions, festivals and corporate functions.

(71) STEEDMAN NOMINEES PTY. LTD.  
(21) 2018903740 (22) 03.10.2018  
(54) Retractable damper and system for selectively lifting a vehicle wheel

(71) Strata Linings Pty Ltd  
(21) 2018903757 (22) 05.10.2018  
(54) Formwork System and Method

(71) Sweeney, M.  
(21) 2018903726 (22) 02.10.2018  
(54) A cap for a container that has irreversible overt tamper evidence and digital features to defend against counterfeit infringement as well as provide marketing capabilities

## Provisional Applications Filed - Name Index cont'd

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(71) Tech Plas Extrusions Pty Ltd  
(21) 2018903741 (22) 04.10.2018  
(54) A plank end cap

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(71) Tellus Holdings Ltd  
(21) 2018903733 (22) 03.10.2018  
(54) Process for immobilising hazardous waste

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(71) Tellus Holdings Ltd  
(21) 2018903734 (22) 03.10.2018  
(54) Permanent Isolation System for Hazardous Waste in a Geological Repository

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(71) The Australian National University  
(21) 2018903744 (22) 04.10.2018  
(54) Characterising structure from features of generalised volumes

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(71) THE DECOR CORPORATION PTY. LTD.  
(21) 2018903748 (22) 04.10.2018  
(54) A CONTAINER

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(71) The University of Melbourne; Auckland Uniservices Limited  
(21) 2018903745 (22) 04.10.2018  
(54) Biomarkers of disease

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(71) Trihey, A.  
(21) 2018903728 (22) 03.10.2018  
(54) Hot Water Heat Recovery Heat Exchanger

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(71) Trihey, A.  
(21) 2018903729 (22) 03.10.2018  
(54) Concentrating Tracking Parabolic Solar Collector

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(71) Trihey, A.  
(21) 2018903730 (22) 03.10.2018  
(54) Safe Water Controller

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(71) WHALE LABS PTY LTD  
(21) 2018903739 (22) 03.10.2018  
(54) Biopolymer Face Mask

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(71) Woodside Energy Technologies Pty Ltd  
(21) 2018903750 (22) 04.10.2018  
(54) A SENSOR DEVICE

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(71) Yang, S.  
(21) 2018903782 (22) 08.10.2018  
(54) An improved flushing system for a toilet bowl

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(71) Zontos, C.  
(21) 2018903779 (22) 07.10.2018  
(54) Protective shoulder pads and sports bra for rugby league players

Numerical Index

2018903703	Sidebottom, M.; Frothin Industries Pty Ltd
2018903718	EASYQUIP PTY LTD
2018903719	FB Rice Pty Ltd
2018903720	Crommelin Agricoatings Pty Ltd
2018903721	Esnouf, P.
2018903722	Qumsieh, N.
2018903723	Cool Mine Pty Ltd
2018903724	Nontox Pty Ltd
2018903725	Scurrah, M.
2018903726	Sweeney, M.
2018903727	Iris Biomedical Pty Ltd
2018903728	Trihey, A.
2018903729	Trihey, A.
2018903730	Trihey, A.
2018903731	Pandoe Pty Ltd
2018903732	Phantom Precision Engineering Pty Ltd
2018903733	Tellus Holdings Ltd
2018903734	Tellus Holdings Ltd
2018903735	ORISTAR PTY LIMITED
2018903736	Monash City Council
2018903737	Phonemed
2018903738	RCK Technologies Pty Ltd
2018903739	WHALE LABS PTY LTD
2018903740	STEEDMAN NOMINEES PTY. LTD.
2018903741	Tech Plas Extrusions Pty Ltd
2018903742	BECVINOVSKA, Z.
2018903743	Hayward, J.
2018903744	The Australian National University
2018903745	The University of Melbourne; Auckland Uniservices Limited
2018903746	Monash University
2018903747	Girgis Innovations Pty Ltd
2018903748	THE DECOR CORPORATION PTY. LTD.
2018903749	Alfred Health
2018903750	Woodside Energy Technologies Pty Ltd
2018903751	Higgins, C.L.
2018903752	RESMED LIMITED
2018903753	Martin, T.
2018903754	Legrand Australia Pty Ltd
2018903755	Exacta IP Pty Ltd
2018903756	JOEY AUSTRALIA ENTERPRISE PTY LTD; AUSAIR IP TRUST
2018903757	Strata Linings Pty Ltd
2018903758	Barton, J.; Sim, B.
2018903759	capenecas, j.
2018903760	Centurion International Imports Pty Ltd
2018903761	SPLASH DOWN PTY. LTD.
2018903762	ryan, s.
2018903763	Minomic International Ltd.
2018903764	MUPPET LABS PTY LTD
2018903765	MUPPET LABS PTY LTD
2018903766	Goldys, E.; Guller, A.; Nadort, A.
2018903767	Aqua Clean Tas Pty. Ltd.
2018903768	D.I.T Technologies Ltd
2018903769	Schneider Electric (Australia) Pty Limited
2018903770	ETP Ion Detect Pty Ltd
2018903771	Krajancich, J.
2018903772	Lovisa, J.
2018903773	Cumpston, P.
2018903774	Cunningham, S.
2018903775	QUEENSLAND SCHOOL OF MOTORING PTY LTD
2018903776	Dedov, V.
2018903778	Bliznina, N.
2018903779	Zontos, C.
2018903780	Kamel, C.
2018903781	Hardcastle, P.
2018903782	Yang, S.

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Oct 2018 .

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

<hr/> <p>(71) Ab Initio Technology LLC (21) 2018236912 (22) 02.10.2018 (54) MANAGING AND AUTOMATICALLY LINKING DATA OBJECTS (62) 2016202060</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2018236796 (22) 27.09.2018 (54) MULTI-DIMENSIONAL VISUALIZATION AND RESOURCE EVALUATION SYSTEM (31) 15/798,879 (32) 31.10.17 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2018241092 (22) 03.10.2018 (54) KNOWLEDGE ENABLED DATA MANAGEMENT SYSTEM (31) 62/568,198 (32) 04.10.17 (33) US</p> <hr/> <p>(71) ACCESSIBILITY LIMITED; Queensland University of Technology (21) 2018236806 (22) 27.09.2018 (54) TRANSFER APPARATUS (31) 2017903916 (32) 27.09.17 (33) AU</p> <hr/> <p><b>ads-tec GmbH see Dr. Ing. h.c.F. Porsche AG</b> (21) 2018241039</p> <hr/> <p><b>ads-tec GmbH see Dr. Ing. h.c.F. Porsche AG</b> (21) 2018241040</p> <hr/> <p><b>ads-tec GmbH see Dr. Ing. h.c.F. Porsche AG</b> (21) 2018241041</p> <hr/> <p>(71) Altronic Distributors Pty Ltd (21) 2018236780 (22) 26.09.2018 (54) Horn Speaker Cover Assembly (31) 2017903906 (32) 26.09.17 (33) AU</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2018236860 (22) 28.09.2018 (54) TABLE GAME SYSTEM (62) 2016277757</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2018236893 (22) 01.10.2018</p>	<p>(54) Playing card (31) 2017-192634 (32) 02.10.17 (33) JP</p> <hr/> <p>(71) AP GLOBAL INNOVATIONS LLC (21) 2018241044 (22) 02.10.2018 (54) FENCE SYSTEM AND METHOD (31) 15/722,206 (32) 02.10.17 (33) US</p> <hr/> <p>(71) Apple Inc. (21) 2018236872 (22) 28.09.2018 (54) Methods and interfaces for home media control (62) 2018223051</p> <hr/> <p>(71) Aranooc Pty Ltd (21) 2018236778 (22) 26.09.2018 (54) METHOD AND SYSTEM FOR MODULAR CONSTRUCTION (31) 2017903897 (32) 26.09.17 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018236797 (22) 27.09.2018 (54) METHODS AND SYSTEMS FOR OVERLAID PAY MODALITIES ON SELECTED SYMBOLS IN GAMING MACHINES (31) 16/143,101 (32) 26.09.18 (33) US 62/565,997 29.09.17 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018236808 (22) 27.09.2018 (54) A GAME CONTROLLER, A GAMING SYSTEM, AND A METHOD OF GAMING (62) 2016262792</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018241080 (22) 03.10.2018 (54) A GAMING DEVICE WITH PRIZE CHANCE CONFIGURABLE SYMBOL</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018241085 (22) 03.10.2018 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2016238896</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018241090 (22) 03.10.2018 (54) A Gaming System and a Method of Gaming (62) 2016216664</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018241091 (22) 03.10.2018 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2016202923</p> <hr/> <p>(71) Bayer CropScience AG; Bayer Intellectual Property GmbH (21) 2018241078 (22) 03.10.2018 (54) Active compounds combination containing Fluopyram, Bacillus and biological control agent (62) 2016250453</p> <hr/> <p><b>Bayer Intellectual Property GmbH see Bayer CropScience AG</b> (21) 2018241078</p> <hr/> <p>(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd. (21) 2018236877 (22) 28.09.2018 (54) Waste Liquid Recovery System, Chemical Bath Deposition Device and Deposition Method (31) 201711386486.7 (32) 20.12.17 (33) CN</p> <hr/> <p>(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd. (21) 2018241050 (22) 02.10.2018 (54) Copper Indium Gallium Selenide Absorption Layer And Preparation Method Thereof, Solar Cell And Preparation Method Thereof (31) 201810128936.0 (32) 08.02.18 (33) CN</p> <hr/> <p>(71) BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO. LTD. (21) 2018236777 (22) 26.09.2018 (54) DEVICE FOR RELEASING CHARGES (31) 201820601309.X (32) 25.04.18 (33) CN</p> <hr/> <p>(71) Beijing Hanergy Solar Power Investment Co., Ltd. (21) 2018236884 (22) 28.09.2018</p>
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Complete Applications Filed - Name Index cont'd

(54) COMMAND FORWARDING METHOD AND DEVICE, SOLAR SYSTEM, CENTRAL CONTROLLER, COMPUTER-READABLE STORAGE MEDIUM  
(31) 201810557393.4 (32) 01.06.18 (33) CN

(71) Beijing Juntai Innovation Technology Co., Ltd.  
(21) 2018236788 (22) 27.09.2018  
(54) Solar cell sheet and preparation method thereof, solar cell string and photovoltaic module  
(31) 201721672980.5 (32) 05.12.17 (33) CN  
201711268793.5 05.12.17 CN

(71) Belron International Limited  
(21) 2018241084 (22) 03.10.2018  
(54) GLAZING PANEL REPAIR  
(62) 2014323115

(71) Biosense Webster (Israel) Ltd.  
(21) 2018236845 (22) 28.09.2018  
(54) DEBRIDER WARNING SYSTEM  
(31) 15/730,578 (32) 11.10.17 (33) US

(71) Board of Regents, The University of Texas System  
(21) 2018236781 (22) 26.09.2018  
(54) METHOD FOR ACCURATE SEQUENCING OF DNA  
(62) 2013267609

(71) Boston Scientific Neuromodulation Corporation  
(21) 2018236820 (22) 27.09.2018  
(54) Devices and methods to use power spectrum or signal association for pain management  
(62) 2015328575

(71) C.R. Laurence Co., Inc.  
(21) 2018236795 (22) 27.09.2018  
(54) Fascia mounted railing system  
(31) 15/718,517 (32) 28.09.17 (33) US

(71) Cantor G&W (Nevada), L.P.  
(21) 2018236833 (22) 28.09.2018  
(54) SYLLABIC ROULETTE GAME WITH SOLMIZATION, AND METHOD  
(62) 2016208409

**Centre National de la Recherche Scientifique (CNRS) see INSERM (Institut National de la Santé et de la Recherche Médicale)**  
(21) 2018236856

(71) Centurion Framing Systems Pty Ltd  
(21) 2018241059 (22) 03.10.2018  
(54) WALL ASSEMBLY FIXING MEMBER  
(31) 2017904073 (32) 09.10.17 (33) AU

(71) CFPH, LLC  
(21) 2018241057 (22) 03.10.2018  
(54) SYSTEM AND METHOD FOR DISPLAYING AND/OR ANALYZING A LIMIT ORDER BOOK  
(62) 2016225839

(71) Chen, J.; Zhou, X.  
(21) 2018236816 (22) 27.09.2018  
(54) COLD FIREWORK SPURTING APPARATUS  
(62) 2015397808

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
(21) 2018236899 (22) 01.10.2018  
(54) Pyrrolopyrimidine compounds used as TLR7 agonist  
(62) 2015303558

**CHILDREN'S MEDICAL CENTER CORPORATION see PRESIDENT AND FELLOWS OF HARVARD COLLEGE**  
(21) 2018236902

(71) CIRCADIAN ZIRCLIGHT INC  
(21) 2018241062 (22) 03.10.2018  
(54) LIGHTING SYSTEMS FOR PROTECTING CIRCADIAN NEUROENDOCRINE FUNCTION  
(62) 2014248104

(71) CK Forward, LLC  
(21) 2018236862 (22) 28.09.2018  
(54) Disinfecting intravenous connectors  
(31) 15/724,465 (32) 04.10.17 (33) US

(71) Colgate-Palmolive Company  
(21) 2018236900 (22) 01.10.2018  
(54) ORAL CARE IMPLEMENT  
(62) 2014395495

(71) Copyright Clearance Center, Inc.  
(21) 2018241073 (22) 03.10.2018  
(54) SYSTEM AND METHOD FOR FACILITATING THE ADVANCEMENT OF A RESEARCH ARTICLE FROM CONCEPTION TO POST-PUBLICATION  
(62) 2013274413

(71) Corning Optical Communications LLC  
(21) 2018236787 (22) 27.09.2018  
(54) ARMORED OPTICAL FIBER CABLE  
(62) 2014306203

(71) Covidien LP  
(21) 2018236798 (22) 27.09.2018  
(54) Vascular device marker attachment  
(62) 2017200826

(71) Covidien LP  
(21) 2018236809 (22) 27.09.2018  
(54) Surgical fastener applying apparatus including replaceable cartridge assembly  
(62) 2016203547

(71) CR Development AB  
(21) 2018236896 (22) 01.10.2018  
(54) Analysis For Quantifying Microscopic Diffusion Anisotropy  
(62) 2016208319

(71) Dallan S.p.A.  
(21) 2018241054 (22) 03.10.2018  
(54) APPARATUS AND METHOD FOR LASER OR PLASMA CUTTING OF PIECES OF LAMINAR MATERIAL WOUND IN COIL  
(31) 102017000111570 (32) 05.10.17 (33) IT

(71) Deere & Company  
(21) 2018236836 (22) 28.09.2018  
(54) SYSTEM AND METHOD FOR AUTOMATIC DETECTION OF IMPLEMENT WORKING WIDTH  
(31) 15/830,350 (32) 04.12.17 (33) US

(71) Deere & Company  
(21) 2018236898 (22) 01.10.2018  
(54) Distributed pump system  
(31) 15/996,871 (32) 04.06.18 (33) US

(71) Depuy Synthes Products, LLC  
(21) 2018236814 (22) 27.09.2018  
(54) IMPROVED RADIOPAQUE MARKER FOR VASCULAR DEVICES  
(62) 2014201045

(71) Dexcom, Inc.  
(21) 2018241076 (22) 03.10.2018  
(54) Fault discrimination and responsive processing based on data and context  
(62) 2015271133

(71) Direct Logistics Pty Ltd  
(21) 2018241046 (22) 02.10.2018  
(54) CATCHMENT CONTAINER FOR AND METHOD OF CONTAINING ESCAPED CONTENTS  
(31) 2018901708 (32) 16.05.18 (33) AU

(71) Dolby International AB  
(21) 2018241064 (22) 03.10.2018  
(54) Cross Product Enhanced Subband Block Based Harmonic Transposition  
(62) 2017204074

(71) Dow AgroSciences LLC  
(21) 2018241038 (22) 02.10.2018  
(54) Methods for control of aquatic weeds using herbicidal 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-

Complete Applications Filed - Name Index cont'd

methoxyphenyl)pyridine-2-carboxylic acids

(62) 2015211026

(71) Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH

(21) 2018241039 (22) 02.10.2018

(54) CONVERTER CONFIGURATION FOR AN ELECTRICITY CHARGING STATION AND CORRESPONDING ELECTRICITY CHARGING STATION

(31) 10 2017 217 753.5 (32) 06.10.17 (33) DE

(71) Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH

(21) 2018241040 (22) 02.10.2018

(54) USE OF TWO DC/DC CONTROLLERS IN THE POWER ELECTRONICS SYSTEM OF A CHARGING STATION OR ELECTRICITY CHARGING STATION

(31) 10 2017 217 757.8 (32) 06.10.17 (33) DE

(71) Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH

(21) 2018241041 (22) 02.10.2018

(54) GALVANIC ISOLATION IN THE POWER ELECTRONICS SYSTEM IN A CHARGING STATION OR ELECTRICITY CHARGING STATION

(31) 10 2017 217 758.6 (32) 06.10.17 (33) DE

(71) Dr. Ing. h.c.F. Porsche Aktiengesellschaft

(21) 2018241042 (22) 02.10.2018

(54) TRANSFORMER DEVICE FOR A CHARGING STATION FOR ELECTRICALLY CHARGING VEHICLES WITH AT LEAST TWO CHARGING POINTS

(31) 10 2017 130 471.1 (32) 19.12.17 (33) DE

(71) DSG Technology Holdings Ltd

(21) 2018236855 (22) 28.09.2018

(54) MULTI-LAYERED ABSORBENT ARTICLE

(62) 2014233180

(71) Dux Industries Limited

(21) 2018236812 (22) 27.09.2018

(54) ADJUSTABLE PIT

(71) Dyax Corp.

(21) 2018241075 (22) 03.10.2018

(54) Novel Methods of Constructing Libraries Comprising Displayed and/or Expressed Members of a Diverse Family of Peptides, Polypeptides or Proteins and the Novel Libraries

(62) 2016225923

(71) Dynamite Services Pty Limited

(21) 2018236779 (22) 26.09.2018

(54) APPARATUS AND METHODS FOR CONDUCTING A WAGER GAME

(71) Ecolab USA Inc.

(21) 2018241060 (22) 03.10.2018

(54) Stable percarboxylic acid compositions and uses thereof

(62) 2013326904

EDELRIS see INSERM (Institut National de la Santé et de la Recherche Médicale)

(21) 2018236856

ENS - Ecole Normale Supérieure de Lyon see INSERM (Institut National de la Santé et de la Recherche Médicale)

(21) 2018236856

(71) Essity Operations Wausau LLC

(21) 2018241066 (22) 03.10.2018

(54) Dual roll paper dispenser with a single opening

(62) 2014341935

(71) ES Xplore, L.L.C.

(21) 2018241094 (22) 03.10.2018

(54) CORRELATION TECHNIQUES FOR PASSIVE ELECTROSEISMIC AND SEISMOELECTRIC SURVEYING

(62) 2017202539

(71) Fisher & Paykel Healthcare Limited

(21) 2018236891 (22) 01.10.2018

(54) PATIENT INTERFACE WITH VENTING

(62) 2014219520

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2018241055 (22) 03.10.2018

(54) FLOW PATH FAULT DETECTION METHOD FOR A RESPIRATORY ASSISTANCE APPARATUS

(62) 2013264468

(71) Fresenius Kabi Deutschland GmbH

(21) 2018236914 (22) 02.10.2018

(54) PACKAGING SYSTEM FOR OXYGEN-SENSITIVE DRUGS

(62) 2014230836

(71) Geberit International AG

(21) 2018236847 (22) 28.09.2018

(54) DRAIN FITTING

(31) 17194935.7 (32) 05.10.17 (33) EP

(71) Gen-Probe Incorporated

(21) 2018236835 (22) 28.09.2018

(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid

(62) 2016247158

(71) Gen-Probe Incorporated

(21) 2018236838 (22) 28.09.2018

(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid

(62) 2016247158

(71) Gen-Probe Incorporated

(21) 2018236842 (22) 28.09.2018

(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid

(62) 2016247158

(71) Gen-Probe Incorporated

(21) 2018236857 (22) 28.09.2018

(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid

(62) 2016247158

(71) Gilead Sciences, Inc.

(21) 2018236824 (22) 27.09.2018

(54) Methods of preparing toll-like receptor modulators

(62) 2015318062

(71) Gilead Sciences, Inc.

(21) 2018236826 (22) 27.09.2018

(54) Polycyclic-carbamoylpyridone compounds and their pharmaceutical use

(62) 2016244035

(71) GOJO INDUSTRIES INC.

(21) 2018241067 (22) 03.10.2018

(54) Method and Device for Indicating Future Need for Product Replacement of Random-Use Dispensing

(62) 2016204444

(71) Gravity Power LLC

(21) 2018236818 (22) 27.09.2018

(54) System and method for storing energy

(62) 2014308692

(71) Hainan Haida Information Industrial Park Co., Ltd

(21) 2018236892 (22) 01.10.2018

(54) Self-powered multi-blade anti-rolling unmanned boat

(31) CN201810297365.3(32) 04.04.18 (33) CN

(71) Harris Solutions NY, Inc.

(21) 2018236817 (22) 27.09.2018

(54) SYSTEMS AND METHODS FOR CREATING A VIRTUAL LAYER 2 NETWORK THROUGH TETHERING

(31) 15/724,786 (32) 04.10.17 (33) US

Complete Applications Filed - Name Index cont'd

- (71) Hayward Industries, Inc  
(21) 2018241051 (22) 02.10.2018  
(54) Swimming pool cleaner with hydrocyc-  
lonic particle separator and/or six-roller  
drive system  
(62) 2016211669
- 
- (71) Heptares Therapeutics Limited  
(21) 2018236871 (22) 28.09.2018  
(54) Muscarinic M1 receptor agonists  
(62) 2017201505
- 
- (71) Ho Trieu, N.  
(21) 2018236908 (22) 02.10.2018  
(54) The Wowlongkong uses a negligible  
fraction of the rotation force of the  
wheel to generate continuous sound  
alerting people from afar of a coming  
bike, completely handsfree for cyclists.  
It overcomes the ineffective one-off  
sound of traditional bell which often fails  
to alert people or makes them panic. Its  
other advantages include: usefulness  
in adverse weather, bad lighting, and  
at blind corners. Its production is envi-  
ronmentally friendly thru uses of recyc-  
lable discarded products and has job  
creation potential, especially for unem-  
ployed persons with disability or handi-  
cap.  
(31) 2018903617 (32) 25.09.18 (33) AU
- 
- (71) Howmedica Osteonics Corp.  
(21) 2018236854 (22) 28.09.2018  
(54) SELECTIVELY EXPANDING SPINE  
CAGE WITH ENHANCED BONE  
GRAFT INFUSION  
(62) 2014201372
- 
- (71) Howmedica Osteonics Corp.  
(21) 2018241043 (22) 02.10.2018  
(54) Integrated spring for soft tissue attach-  
ment  
(31) 62/567,329 (32) 03.10.17 (33) US
- 
- (71) Hunter Douglas Inc.  
(21) 2018236810 (22) 27.09.2018  
(54) Operating system for an architectur-  
al-structure covering  
(31) 62/565,442 (32) 29.09.17 (33) US  
62/570,713 11.10.17 US
- 
- (71) Hutchison Biofilm Medical Solutions  
Limited  
(21) 2018236890 (22) 01.10.2018  
(54) Dispersion and detachment of cell ag-  
gregates  
(62) 2012264385
- 
- (71) IBC Pharmaceuticals, Inc.  
(21) 2018236844 (22) 28.09.2018  
(54) T-cell redirecting bispecific antibodies  
for treatment of disease  
(62) 2013302696
- 
- (71) ImmunoGen, Inc.  
(21) 2018241056 (22) 03.10.2018  
(54) USE OF A PVDF MEMBRANE TO  
PURIFY CELL-BINDING AGENT  
CYTOTOXIC AGENT CONJUGATES  
(62) 2013326881
- 
- (71) INSERM (Institut National de la Santé  
et de la Recherche Médicale); Uni-  
versité Claude Bernard - Lyon 1; ENS  
- Ecole Normale Supérieure de Lyon;  
Centre National de la Recherche Scien-  
tifique (CNRS); EDELIRIS; POXEL  
(21) 2018236856 (22) 28.09.2018  
(54) Methods and pharmaceutical composi-  
tions for the treatment of hepatitis B vir-  
us infection  
(62) 2014320463
- 
- (71) Insitu, Inc.  
(21) 2018236879 (22) 28.09.2018  
(54) Aerial vehicle terrain awareness display  
(62) 2014311470
- 
- (71) Instrumentation Laboratory Company  
(21) 2018236886 (22) 28.09.2018  
(54) Spatial separation of particles in a  
particle containing solution for biomed-  
ical sensing and detection  
(62) 2016206974
- 
- (71) Integra LifeSciences Switzerland Sarl  
(21) 2018241068 (22) 03.10.2018  
(54) Electronic Toolset to Locate, Read, Ad-  
just, and Confirm Adjustment in an Im-  
plantable Bodily Fluid Drainage System  
Without Recalibrating Following Adjust-  
ment  
(31) 15/708,404 (32) 19.09.17 (33) US
- 
- (71) Integra LifeSciences Switzerland Sarl  
(21) 2018241069 (22) 03.10.2018  
(54) Programmable Drainage Valve with  
Fixed Reference Magnet For Determ-  
ining Direction of Flow Operable With  
Analog or Digital Compass Toolsets  
(31) 15/708,496 (32) 19.09.17 (33) US
- 
- (71) Integra LifeSciences Switzerland Sarl  
(21) 2018241070 (22) 03.10.2018  
(54) An Implantable Bodily Fluid Drainage  
Valve with Magnetic Field Resistance  
Engagement Confirmation  
(31) 15/708,549 (32) 19.09.17 (33) US
- 
- (71) Integra LifeSciences Switzerland Sarl  
(21) 2018241071 (22) 03.10.2018  
(54) Bodily Fluid Drainage System with  
Volume Limiting and Adjustable Volume  
Capacity Functionality  
(31) 15/702,283 (32) 12.09.17 (33) US
- 
- (71) Integra LifeSciences Switzerland Sarl  
(21) 2018241072 (22) 03.10.2018  
(54) An Electronic Toolset for Use With Mul-  
tiple Generations of Implantable Pro-  
grammable Valves With or Without Ori-  
entation Functionality Based on a Fixed  
Reference Magnet  
(31) 15/708,600 (32) 19.09.17 (33) US
- 
- (71) Intersurgical AG  
(21) 2018241061 (22) 03.10.2018  
(54) Intubating Airway Device  
(62) 2014369430
- 
- (71) Intrexon Corporation  
(21) 2018236775 (22) 26.09.2018  
(54) Vectors conditionally expressing thera-  
peutic proteins, host cells comprising  
the vectors, and uses thereof  
(62) 2016202426
- 
- (71) Isaacson, D.  
(21) 2018236887 (22) 29.09.2018  
(54) CLASS Cognitive Load Adaptive Soft-  
ware System. A coplex software system  
an method for managing the continuous  
improvement of human learning based  
on evidence-based strategies arising  
from Cognitive Load Theory.  
(31) 2017903963 (32) 29.09.17 (33) AU
- 
- (71) Johnson & Johnson Consumer Inc.  
(21) 2018236840 (22) 28.09.2018  
(54) Extensible dressings  
(31) 62/565,631 (32) 29.09.17 (33) US
- 
- (71) Johnson & Johnson Consumer Inc.  
(21) 2018236848 (22) 28.09.2018  
(54) Extensible dressings  
(31) 62/565,604 (32) 29.09.17 (33) US
- 
- (71) Johnson & Johnson Surgical Vision,  
Inc.  
(21) 2018236904 (22) 02.10.2018  
(54) Surgical cassette  
(62) 2016277567
- 
- (71) KANG, C.G.  
(21) 2018236801 (22) 27.09.2018  
(54) METHOD AND SYSTEM FOR GENER-  
ATING VIRTUAL MONEY BY E-COM-  
MERCE IN AN OPEN MARKETPLACE  
(31) 10-2017-0125788 (32) 28.09.17 (33) KR
- 
- (71) Korea Advanced Institute of Science  
and Technology  
(21) 2018236858 (22) 28.09.2018  
(54) Reinforcement method for water leak-  
ing of water facilities using soil mi-  
crobes biostimulation and micro-  
particles injection  
(31) 10-2018-0051663 (32) 04.05.18 (33) KR

Complete Applications Filed - Name Index cont'd

(71) Laborie Medical Technologies Canada  
ULC  
(21) 2018236852 (22) 28.09.2018  
(54) A CATHETER ASSEMBLY  
(62) 2014243944

(71) Level 5 Tools, LLC  
(21) 2018236895 (22) 01.10.2018  
(54) SYSTEM FOR APPLYING FINISHING  
COMPOUND  
(31) 15/721,601 (32) 29.09.17 (33) US  
16/045,224 25.07.18 US

(71) Limco Group Pty Ltd  
(21) 2018241063 (22) 03.10.2018  
(54) Shower base  
(31) 2017904025 (32) 05.10.17 (33) AU

(71) MACK RIDES GMBH & CO. KG  
(21) 2018236831 (22) 28.09.2018  
(54) CAR WITH ROTATABLY MOUNTED  
WHEEL AXLE FOR A FAIRGROUND  
RIDE AND METHOD FOR CON-  
TROLLING A ROTATABLY MOUNTED  
WHEEL AXLE OF SUCH A CAR  
(62) 2015239786

(71) Marchesan Implementos e Máquinas  
Agrícolas Tatu S.A.  
(21) 2018236861 (22) 28.09.2018  
(54) Agricultural tilting bearing assembly and  
improved support bracket for connect-  
ing the same to agricultural equipment  
(31) 15/837,593 (32) 11.12.17 (33) US  
15/944,477 03.04.18 US

(71) Massachusetts Eye and Ear Infirmary  
(21) 2018236841 (22) 28.09.2018  
(54) METHODS AND COMPOSITIONS  
FOR REGENERATING HAIR CELLS  
AND/OR SUPPORTING CELLS  
(62) 2013312305

(71) Massachusetts Institute of Technology  
(21) 2018241045 (22) 02.10.2018  
(54) Apparatus and methods employing li-  
quid-impregnated surfaces  
(62) 2013344352

(71) MedImmune, LLC  
(21) 2018236849 (22) 28.09.2018  
(54) METHODS OF TREATING S. AURE-  
US-ASSOCIATED DISEASES  
(62) 2013341421

(71) Medtronic, Inc.  
(21) 2018236807 (22) 27.09.2018  
(54) Peritoneal dialysate purity control sys-  
tem  
(31) 15/723,764 (32) 03.10.17 (33) US

(71) MiaSole Photovoltaic Technology Co.,  
Ltd.  
(21) 2018236790 (22) 27.09.2018  
(54) Packing box  
(31) 201810367402.3 (32) 23.04.18 (33) CN  
201810367385.3 23.04.18 CN

(71) MiaSole Photovoltaic Technology Co.,  
Ltd.  
(21) 2018236874 (22) 28.09.2018  
(54) Solar cell panel and bicycles using the  
same  
(31) 201721828796.5 (32) 22.12.17 (33) CN

(71) Milton, T.  
(21) 2018236846 (22) 28.09.2018  
(54) A biopsy device  
(31) 1715907.0 (32) 29.09.17 (33) GB

(71) Mitsubishi Electric Corporation  
(21) 2018236830 (22) 28.09.2018  
(54) MOBILE COMMUNICATION SYSTEM  
(62) 2016204585

(71) Mitsubishi Heavy Industries Thermal  
Systems, Ltd.  
(21) 2018236803 (22) 27.09.2018  
(54) INDOOR UNIT AND AIR CONDITION-  
ER INCLUDING THE SAME  
(31) 2017-188781 (32) 28.09.17 (33) JP

(71) nanoComposix, Inc.; Sienna Biophar-  
maceuticals, Inc.  
(21) 2018241065 (22) 03.10.2018  
(54) Silver nanoplate compositions and  
methods  
(62) 2017219126

(71) Nestec S.A.  
(21) 2018241058 (22) 03.10.2018  
(54) Fat activation with seaweed  
(62) 2013403803

(71) Netflix, Inc.  
(21) 2018241047 (22) 02.10.2018  
(54) Techniques for identifying errors intro-  
duced during encoding  
(62) 2016219320

(71) Netflix, Inc.  
(21) 2018241081 (22) 03.10.2018  
(54) Recommending digital content based  
on implicit user identification  
(62) 2016202876

(71) Nortek Air Solutions Canada, Inc.  
(21) 2018236791 (22) 27.09.2018  
(54) Membrane-integrated energy exchange  
assembly  
(62) 2014231681

(71) Northwestern University  
(21) 2018236881 (22) 28.09.2018  
(54) PEPTIDE CONJUGATED PARTICLES  
(62) 2013278056

(71) Novartis AG  
(21) 2018236813 (22) 27.09.2018  
(54) Combination of an ALK inhibitor and a  
CDK inhibitor for the treatment of cell  
proliferative diseases  
(62) 2017219093

(71) Novomatic AG  
(21) 2018241079 (22) 03.10.2018  
(54) Apparatus and method for a game with  
blockading game symbols  
(62) 2014204504

(71) Obschestvo S Ogranichennoi Otvet-  
stvennostiyu "pharmenterprises"  
(21) 2018236805 (22) 27.09.2018  
(54) Glutarimide derivatives, use thereof,  
pharmaceutical composition based  
thereon and methods for producing  
glutarimide derivatives  
(62) 2014251442

(71) Optimedica Corporation  
(21) 2018236799 (22) 27.09.2018  
(54) Laser eye surgery system  
(62) 2014242096

(71) Otis Elevator Company  
(21) 2018236859 (22) 28.09.2018  
(54) Elevator request authorization system  
for a third party  
(31) 15/721,360 (32) 29.09.17 (33) US

(71) Owens-Brockway Glass Container Inc.  
(21) 2018236873 (22) 28.09.2018  
(54) Glass furnace  
(62) 2015249572

(71) Pentablock Pty Ltd  
(21) 2018236782 (22) 26.09.2018  
(54) Components for Masonry Construction  
(62) 2014246618

(71) PlastPack Defence ApS  
(21) 2018236832 (22) 28.09.2018  
(54) Lightweight Ammunition Box  
(62) 2016228003

POXEL see INSERM (Institut National de la  
Santé et de la Recherche Médicale)  
(21) 2018236856

(71) PRESIDENT AND FELLOWS OF  
HARVARD COLLEGE; THE GEN-  
ERAL HOSPITAL CORPORATION;

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CHILDREN'S MEDICAL CENTER CORPORATION  
**(21)** 2018236902 **(22)** 01.10.2018  
**(54)** Permanently charged sodium and calcium channel blockers as anti-inflammatory agents  
**(62)** 2016262678

**(71)** Prestige Marketing Suites Australia Pty Ltd  
**(21)** 2018236888 **(22)** 30.09.2018  
**(54)** Modular Coolroom System and Coolroom Modules Therefor  
**(31)** 2017903973 **(32)** 02.10.17 **(33)** AU

**(71)** Publisher's Internationale Pty Ltd  
**(21)** 2018236827 **(22)** 27.09.2018  
**(54)** Systems and methods for automated allocation of media items to a media planning system

**(71)** Pyrotek Pty. Limited  
**(21)** 2018236839 **(22)** 28.09.2018  
**(54)** Vapor barrier lamina  
**(31)** 2017903961 **(32)** 29.09.17 **(33)** AU

**Queensland University of Technology see ACCESSIBILI-T LIMITED**  
**(21)** 2018236806

**(71)** Regeneron Pharmaceuticals, Inc.  
**(21)** 2018236913 **(22)** 02.10.2018  
**(54)** NON-HUMAN ANIMALS EXPRESSING ANTIBODIES HAVING A COMMON LIGHT CHAIN  
**(62)** 2016202609

**(71)** Renew Biopharma, Inc.  
**(21)** 2018236915 **(22)** 02.10.2018  
**(54)** Lipid and growth trait genes  
**(62)** 2013226364

**(71)** Renew Biopharma, Inc.  
**(21)** 2018241083 **(22)** 03.10.2018  
**(54)** Biomass yield genes  
**(62)** 2013221504

**(71)** Rigcom Group Pty Ltd  
**(21)** 2018236789 **(22)** 27.09.2018  
**(54)** Computer-Implemented Method of Accessing Height Safety Information  
**(31)** 2017904800 **(32)** 28.11.17 **(33)** AU

**(71)** RTC Industries, Inc.  
**(21)** 2018241074 **(22)** 03.10.2018  
**(54)** System for inventory management  
**(62)** 2015346254

**(71)** Samsung Heavy Ind. Co., Ltd.  
**(21)** 2018241082 **(22)** 03.10.2018

**(54)** EXCAVATING PUMP APPARATUS AND PILE INSTALLATION APPARATUS COMPRISING SAME  
**(62)** 2015322291

**(71)** Schumacher Electric Corp.  
**(21)** 2018241089 **(22)** 03.10.2018  
**(54)** BATTERY CHARGER STATUS CONTROL SYSTEM AND METHOD  
**(62)** 2015301523

**(71)** Schumacher Electric Corp.  
**(21)** 2018241093 **(22)** 03.10.2018  
**(54)** COMPACT MULTIFUNCTIONAL BATTERY BOOSTER  
**(62)** 2015301449

**(71)** Sedic, F.  
**(21)** 2018236792 **(22)** 27.09.2018  
**(54)** Skin cleanser  
**(62)** 2016262690

**(71)** Server Technology, Inc.  
**(21)** 2018236783 **(22)** 27.09.2018  
**(54)** Method and apparatus for multiple input power distribution to adjacent outputs  
**(62)** 2016203402

**(71)** Shell Internationale Research Maatschappij B.V.  
**(21)** 2018241077 **(22)** 03.10.2018  
**(54)** Methane oxidation catalyst, process to prepare the same and method of using the same  
**(62)** 2016227718

**(71)** SHENZHEN HELLO TECH ENERGY CO., LTD.  
**(21)** 2018241049 **(22)** 02.10.2018  
**(54)** PHOTOVOLTAIC ENERGY STORAGE DEVICE AND INVENTOR THEREOF  
**(31)** 201810749848.2 **(32)** 10.07.18 **(33)** CN

**Sienna Biopharmaceuticals, Inc. see nano-Composix, Inc.**  
**(21)** 2018241065

**(71)** Silicon Controls Pty Ltd  
**(21)** 2018236822 **(22)** 27.09.2018  
**(54)** A method and a system for monitoring a quantity related to an asset  
**(31)** 2017903959 **(32)** 29.09.17 **(33)** AU

**(71)** SIMI CONNECT LIMITED  
**(21)** 2018236828 **(22)** 27.09.2018  
**(54)** SYSTEMS AND METHODS FOR ENERGY MANAGEMENT AND DEVICE AUTOMATION SYSTEM  
**(62)** 2016225846

**(71)** Sumitomo Chemical Company Limited  
**(21)** 2018236815 **(22)** 27.09.2018  
**(54)** Weed control composition  
**(62)** 2013273734

**(71)** Sun Pharmaceutical Industries Australia Limited; The University of York  
**(21)** 2018236901 **(22)** 01.10.2018  
**(54)** PRODUCTION OF NOSCAPINE  
**(62)** 2016281762

**(71)** Synthes GmbH; University of Zurich  
**(21)** 2018236785 **(22)** 27.09.2018  
**(54)** GRAFT ANCHOR SYSTEM AND METHOD  
**(62)** 2013243719

**(71)** Tableau Software, Inc.  
**(21)** 2018236875 **(22)** 28.09.2018  
**(54)** Graphical user interface that simplifies user creation of custom calculations for data visualizations  
**(62)** 2015311721

**(71)** Tableau Software, Inc.  
**(21)** 2018236878 **(22)** 28.09.2018  
**(54)** Systems and methods for providing drag and drop analytics in a dynamic data visualization interface  
**(62)** 2015315277

**(71)** Takeda Vaccines, Inc.  
**(21)** 2018236897 **(22)** 01.10.2018  
**(54)** Compositions and methods for live, attenuated alphavirus formulations  
**(62)** 2014236804

**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(21)** 2018241052 **(22)** 02.10.2018  
**(54)** A method and system for supporting distributed relay control protocol (DRCP) operations upon misconfiguration  
**(62)** 2015308092

**(71)** Tessengerlo Kerley, Inc.  
**(21)** 2018236882 **(22)** 28.09.2018  
**(54)** Continuous process for preparation of calcium thiosulfate liquid solution

**(71)** The Boeing Company  
**(21)** 2018236869 **(22)** 28.09.2018  
**(54)** Layup tools that facilitate transfer of laminates to cure tools  
**(31)** 15/845,640 **(32)** 18.12.17 **(33)** US

**(71)** The Boeing Company  
**(21)** 2018236880 **(22)** 28.09.2018  
**(54)** Secured independent hosted payload operations  
**(31)** 15/724,091 **(32)** 03.10.17 **(33)** US

## Complete Applications Filed - Name Index cont'd

**THE GENERAL HOSPITAL CORPORATION  
see PRESIDENT AND FELLOWS OF HAR-  
VARD COLLEGE****(21)** 2018236902**(71)** Thetford BV**(21)** 2018236793 **(22)** 27.09.2018**(54)** Wastewater management system for vehicles and related method**The University of York see Sun Pharma-  
ceutical Industries Australia Limited****(21)** 2018236901**(71)** Thomson Reuters Global Resources  
Unlimited Company**(21)** 2018241053 **(22)** 03.10.2018**(54)** CLUSTERING AND TAGGING EN-  
GINE FOR USE IN PRODUCT SUP-  
PORT SYSTEMS**(31)** 62/616,530 **(32)** 12.01.18 **(33)** US  
16/122,809 05.09.18 US**(71)** TNBT HOLDINGS PTY LTD**(21)** 2018236825 **(22)** 27.09.2018**(54)** A LOCK AND A METHOD FOR AS-  
SEMBLING A LOCK**(31)** 2017903954 **(32)** 29.09.17 **(33)** AU**(71)** Turun yliopisto**(21)** 2018236819 **(22)** 27.09.2018**(54)** Treatment of HER2-dependent cancers  
by SORL1 inhibition**(31)** 20176083 **(32)** 01.12.17 **(33)** FI**(71)** Unified Brands, Inc.**(21)** 2018236823 **(22)** 27.09.2018**(54)** Fluid flow structure and method of use  
for continuous motion washing machine**(62)** 2016244318**(71)** UNISYS CORPORATION**(21)** 2018236850 **(22)** 28.09.2018**(54)** STORAGE AND RETRIEVAL OF  
CRYPTOGRAPHICALLY-SPLIT DATA  
BLOCKS TO/FROM MULTIPLE STOR-  
AGE DEVICES**(62)** 2016210716**(71)** UNISYS CORPORATION**(21)** 2018236853 **(22)** 28.09.2018**(54)** STORAGE SECURITY USING CRYPT-  
OGRAPHIC SPLITTING**(62)** 2016210698**(71)** United Arab Emirates University**(21)** 2018236851 **(22)** 28.09.2018**(54)** SYSTEM AND METHOD FOR CON-  
TROLLING A PROSTHETIC DEVICE**(31)** 15/718,972 **(32)** 28.09.17 **(33)** US**Université Claude Bernard - Lyon 1 see IN-  
SERM (Institut National de la Santé et de la  
Recherche Médicale)****(21)** 2018236856**(71)** University of Louisville Research  
Foundation, Inc.**(21)** 2018236876 **(22)** 28.09.2018**(54)** Methods for detecting cancer**(62)** 2016213855**(71)** University of Virginia Patent Foundation**(21)** 2018236794 **(22)** 27.09.2018**(54)** Improved accuracy continuous glucose  
monitoring method, system, and device**(62)** 2015301454**University of Zurich see Synthes GmbH****(21)** 2018236785**(71)** UPL Limited**(21)** 2018236834 **(22)** 28.09.2018**(54)** A method for controlling rust**(62)** 2014356115**(71)** Vertex Pharmaceuticals Incorporated**(21)** 2018236800 **(22)** 27.09.2018**(54)** DNA-PK inhibitors**(62)** 2014244555**(71)** Visa International Service Association**(21)** 2018236802 **(22)** 27.09.2018**(54)** OVER THE AIR UPDATE OF PAY-  
MENT TRANSACTION DATA STORED  
IN SECURE MEMORY**(62)** 2016213707**(71)** Weatherford Technology Holdings, LLC**(21)** 2018236804 **(22)** 27.09.2018**(54)** POWER SUPPLY FOR A TOP DRIVE**(62)** 2017200371**(71)** Workplace Access & Safety Pty Ltd**(21)** 2018236829 **(22)** 28.09.2018**(54)** Step Feature**(62)** 2014259575**(71)** Wyeth LLC**(21)** 2018236821 **(22)** 27.09.2018**(54)** Designer osteogenic proteins**(62)** 2017200239**Zhou, X. see Chen, J.****(21)** 2018236816

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<b>2018236775</b>	Intrexon Corporation	<b>2018236846</b>	Milton, T.
<b>2018236777</b>	BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO. LTD.	<b>2018236847</b>	Geberit International AG
<b>2018236778</b>	Aranoc Pty Ltd	<b>2018236848</b>	Johnson & Johnson Consumer Inc.
<b>2018236779</b>	Dynamite Services Pty Limited	<b>2018236849</b>	MedImmune, LLC
<b>2018236780</b>	Altronic Distributors Pty Ltd	<b>2018236850</b>	UNISYS CORPORATION
<b>2018236781</b>	Board of Regents, The University of Texas System	<b>2018236851</b>	United Arab Emirates University
<b>2018236782</b>	Pentablock Pty Ltd	<b>2018236852</b>	Laborie Medical Technologies Canada ULC
<b>2018236783</b>	Server Technology, Inc.	<b>2018236853</b>	UNISYS CORPORATION
<b>2018236785</b>	Synthes GmbH; University of Zurich	<b>2018236854</b>	Howmedica Osteonics Corp.
<b>2018236787</b>	Corning Optical Communications LLC	<b>2018236855</b>	DSG Technology Holdings Ltd
<b>2018236788</b>	Beijing Juntai Innovation Technology Co., Ltd.	<b>2018236856</b>	INSERM (Institut National de la Santé et de la Recherche Médicale); Université Claude Bernard - Lyon 1; ENS - Ecole Normale Supérieure de Lyon; Centre National de la Recherche Scientifique (CNRS); EDELIRIS; POXEL
<b>2018236789</b>	Rigcom Group Pty Ltd	<b>2018236857</b>	Gen-Probe Incorporated
<b>2018236790</b>	MiaSole Photovoltaic Technology Co., Ltd.	<b>2018236858</b>	Korea Advanced Institute of Science and Technology
<b>2018236791</b>	Nortek Air Solutions Canada, Inc.	<b>2018236859</b>	Otis Elevator Company
<b>2018236792</b>	Sedic, F.	<b>2018236860</b>	Angel Playing Cards Co., Ltd.
<b>2018236793</b>	Thetford BV	<b>2018236861</b>	Marchesan Implementos e Máquinas Agrícolas Tatu S.A.
<b>2018236794</b>	University of Virginia Patent Foundation	<b>2018236862</b>	CK Forward, LLC
<b>2018236795</b>	C.R. Laurence Co., Inc.	<b>2018236869</b>	The Boeing Company
<b>2018236796</b>	Accenture Global Solutions Limited	<b>2018236871</b>	Heptares Therapeutics Limited
<b>2018236797</b>	Aristocrat Technologies Australia Pty Limited	<b>2018236872</b>	Apple Inc.
<b>2018236798</b>	Covidien LP	<b>2018236873</b>	Owens-Brockway Glass Container Inc.
<b>2018236799</b>	Optimedica Corporation	<b>2018236874</b>	MiaSole Photovoltaic Technology Co., Ltd.
<b>2018236800</b>	Vertex Pharmaceuticals Incorporated	<b>2018236875</b>	Tableau Software, Inc.
<b>2018236801</b>	KANG, C.G.	<b>2018236876</b>	University of Louisville Research Foundation, Inc.
<b>2018236802</b>	Visa International Service Association	<b>2018236877</b>	Beijing Apollo Ding Rong Solar Technology Co., Ltd.
<b>2018236803</b>	Mitsubishi Heavy Industries Thermal Systems, Ltd.	<b>2018236878</b>	Tableau Software, Inc.
<b>2018236804</b>	Weatherford Technology Holdings, LLC	<b>2018236879</b>	Insitu, Inc.
<b>2018236805</b>	Obschestvo S Ogranichennoi Otvetstvennosti yu "pharmenterprises"	<b>2018236880</b>	The Boeing Company
<b>2018236806</b>	ACCESSIBILI-T LIMITED; Queensland University of Technology	<b>2018236881</b>	Northwestern University
<b>2018236807</b>	Medtronic, Inc.	<b>2018236882</b>	Tessenderlo Kerley, Inc.
<b>2018236808</b>	Aristocrat Technologies Australia Pty Limited	<b>2018236884</b>	Beijing Hanergy Solar Power Investment Co., Ltd.
<b>2018236809</b>	Covidien LP	<b>2018236886</b>	Instrumentation Laboratory Company
<b>2018236810</b>	Hunter Douglas Inc.	<b>2018236887</b>	Isaacson, D.
<b>2018236812</b>	Dux Industries Limited	<b>2018236888</b>	Prestige Marketing Suites Australia Pty Ltd
<b>2018236813</b>	Novartis AG	<b>2018236890</b>	Hutchison Biofilm Medical Solutions Limited
<b>2018236814</b>	Depuy Synthes Products, LLC	<b>2018236891</b>	Fisher & Paykel Healthcare Limited
<b>2018236815</b>	Sumitomo Chemical Company Limited	<b>2018236892</b>	Hainan Haida Information Industrial Park Co., Ltd
<b>2018236816</b>	Chen, J.; Zhou, X.	<b>2018236893</b>	Angel Playing Cards Co., Ltd.
<b>2018236817</b>	Harris Solutions NY, Inc.	<b>2018236895</b>	Level 5 Tools, LLC
<b>2018236818</b>	Gravity Power LLC	<b>2018236896</b>	CR Development AB
<b>2018236819</b>	Turun yliopisto	<b>2018236897</b>	Takeda Vaccines, Inc.
<b>2018236820</b>	Boston Scientific Neuromodulation Corporation	<b>2018236898</b>	Deere & Company
<b>2018236821</b>	Wyeth LLC	<b>2018236899</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
<b>2018236822</b>	Silicon Controls Pty Ltd	<b>2018236900</b>	Colgate-Palmolive Company
<b>2018236823</b>	Unified Brands, Inc.	<b>2018236901</b>	Sun Pharmaceutical Industries Australia Limited; The University of York
<b>2018236824</b>	Gilead Sciences, Inc.	<b>2018236902</b>	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; THE GENERAL HOSPITAL CORPORATION; CHILDREN'S MEDICAL CENTER CORPORATION
<b>2018236825</b>	TNBT HOLDINGS PTY LTD	<b>2018236904</b>	Johnson & Johnson Surgical Vision, Inc.
<b>2018236826</b>	Gilead Sciences, Inc.	<b>2018236908</b>	Ho Trieu, N.
<b>2018236827</b>	Publisher's Internationale Pty Ltd	<b>2018236912</b>	Ab Initio Technology LLC
<b>2018236828</b>	SIMI CONNECT LIMITED	<b>2018236913</b>	Regeneron Pharmaceuticals, Inc.
<b>2018236829</b>	Workplace Access & Safety Pty Ltd	<b>2018236914</b>	Fresenius Kabi Deutschland GmbH
<b>2018236830</b>	Mitsubishi Electric Corporation	<b>2018236915</b>	Renew Biopharma, Inc.
<b>2018236831</b>	MACK RIDES GMBH & CO. KG	<b>2018241038</b>	Dow AgroSciences LLC
<b>2018236832</b>	PlastPack Defence ApS	<b>2018241039</b>	Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH
<b>2018236833</b>	Cantor G&W (Nevada), L.P.	<b>2018241040</b>	Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH
<b>2018236834</b>	UPL Limited	<b>2018241041</b>	Dr. Ing. h.c.F. Porsche AG; ads-tec GmbH
<b>2018236835</b>	Gen-Probe Incorporated	<b>2018241042</b>	Dr. Ing. h.c.F. Porsche Aktiengesellschaft
<b>2018236836</b>	Deere & Company	<b>2018241043</b>	Howmedica Osteonics Corp.
<b>2018236838</b>	Gen-Probe Incorporated	<b>2018241044</b>	AP GLOBAL INNOVATIONS LLC
<b>2018236839</b>	Pyrotek Pty. Limited	<b>2018241045</b>	Massachusetts Institute of Technology
<b>2018236840</b>	Johnson & Johnson Consumer Inc.		
<b>2018236841</b>	Massachusetts Eye and Ear Infirmary		
<b>2018236842</b>	Gen-Probe Incorporated		
<b>2018236844</b>	IBC Pharmaceuticals, Inc.		
<b>2018236845</b>	Biosense Webster (Israel) Ltd.		

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2018241046 Direct Logistics Pty Ltd  
2018241047 Netflix, Inc.  
2018241049 SHENZHEN HELLO TECH ENERGY CO., LTD.  
2018241050 Beijing Apollo Ding Rong Solar Technology Co., Ltd.  
2018241051 Hayward Industries, Inc  
2018241052 Telefonaktiebolaget LM Ericsson (publ)  
2018241053 Thomson Reuters Global Resources Unlimited Company  
2018241054 Dallan S.p.A.  
2018241055 FISHER & PAYKEL HEALTHCARE LIMITED  
2018241056 ImmunoGen, Inc.  
2018241057 CFPH, LLC  
2018241058 Nestec S.A.  
2018241059 Centurion Framing Systems Pty Ltd  
2018241060 Ecolab USA Inc.  
2018241061 Intersurgical AG  
2018241062 CIRCADIAN ZIRCLIGHT INC  
2018241063 Limco Group Pty Ltd  
2018241064 Dolby International AB  
2018241065 nanoComposix, Inc.; Sienna Biopharmaceuticals, Inc.  
2018241066 Essity Operations Wausau LLC  
2018241067 GOJO INDUSTRIES INC.  
2018241068 Integra LifeSciences Switzerland Sarl  
2018241069 Integra LifeSciences Switzerland Sarl  
2018241070 Integra LifeSciences Switzerland Sarl  
2018241071 Integra LifeSciences Switzerland Sarl  
2018241072 Integra LifeSciences Switzerland Sarl  
2018241073 Copyright Clearance Center, Inc.  
2018241074 RTC Industries, Inc.  
2018241075 Dyax Corp.  
2018241076 Dexcom, Inc.  
2018241077 Shell Internationale Research Maatschappij B.V.  
2018241078 Bayer CropScience AG; Bayer Intellectual Property GmbH  
2018241079 Novomatic AG  
2018241080 Aristocrat Technologies Australia Pty Limited  
2018241081 Netflix, Inc.  
2018241082 Samsung Heavy Ind. Co., Ltd.  
2018241083 Renew Biopharma, Inc.  
2018241084 Belron International Limited  
2018241085 Aristocrat Technologies Australia Pty Limited  
2018241089 Schumacher Electric Corp.  
2018241090 Aristocrat Technologies Australia Pty Limited  
2018241091 Aristocrat Technologies Australia Pty Limited  
2018241092 Accenture Global Solutions Limited  
2018241093 Schumacher Electric Corp.  
2018241094 ES Xplore, L.L.C.

**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 2 Oct 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Activa Leisure Inc. (21) 2018101444 (22) 25.09.2018 (54) SHADE STRUCTURE (62) PCT/CN2017/080687</p> <hr/>	<p>(71) Apple Inc. (21) 2018101463 (22) 28.09.2018 (54) Ultrasonic weld joint with integral flash trap (31) 62/678,760 (32) 31.05.18 (33) US 16/126,989 10.09.18 US</p> <hr/>	<p>(71) CareVision Holdings Pty Ltd (21) 2018101464 (22) 28.09.2018 (54) A method for controlling a video device</p> <hr/>
<p>(71) Adiva Co., Ltd. (21) 2018101472 (22) 02.10.2018 (54) Improved Motorcycle Canopy Assembly Structure (31) 106218975 (32) 21.12.17 (33) TW</p> <hr/>	<p>(71) Apple Inc. (21) 2018101475 (22) 02.10.2018 (54) Improving automatic speech recognition based on user feedback (62) 2017101551</p> <hr/>	<p>(71) Centinel Spine, LLC (21) 2018101467 (22) 28.09.2018 (54) SPINAL IMPLANT CONFIGURED FOR MIDLINE INSERTION AND RELATED INSTRUMENTS (62) 2014232963</p> <hr/>
<p>(71) Aero Motion Australia Pty Ltd (21) 2018101477 (22) 02.10.2018 (54) INLINE DESCENDER</p> <hr/>	<p>(71) AUTO ELECTRICAL IMPORTS PTY. LTD. (21) 2018101440 (22) 25.09.2018 (54) Automotive Electronic Switching System</p> <hr/>	<p>(71) Ching Feng Home Fashions Co., Ltd. (21) 2018101470 (22) 01.10.2018 (54) Control Device for a Shade Unit of a Window Shade without a Pull Cord</p> <hr/>
<p>(71) Apple Inc. (21) 2018101452 (22) 28.09.2018 (54) Inductive interconnection systems (31) 16/127,072 (32) 10.09.18 (33) US 62/565,460 29.09.17 US 16/127,046 10.09.18 US 62/565,471 29.09.17 US</p> <hr/>	<p>(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd. (21) 2018101483 (22) 04.10.2018 (54) Device for preparing multi-element alloy compound (31) 201721463168.1 (32) 06.11.17 (33) CN</p> <hr/>	<p>(71) Dalian University of Technology (21) 2018101476 (22) 02.10.2018 (54) ORGANIC ELECTROLUMINESCENT MATERIAL AND APPLICATIONS (31) 201810300407.4 (32) 04.04.18 (33) CN</p> <hr/>
<p>(71) Apple Inc. (21) 2018101453 (22) 28.09.2018 (54) Attachment devices for inductive interconnection systems (31) 16/127,072 (32) 10.09.18 (33) US 62/565,471 29.09.17 US 16/127,046 10.09.18 US 62/565,460 29.09.17 US</p> <hr/>	<p>(71) Beijing Hanergy Solar Power Investment Co., Ltd. (21) 2018101443 (22) 25.09.2018 (54) Light source mounting structure and outdoor apparatus (31) 201820573856.1 (32) 22.04.18 (33) CN</p> <hr/>	<p>(71) Decor Blinds Australia Pty Ltd (21) 2018101481 (22) 04.10.2018 (54) A REINFORCED LOUVRE BLADE (62) 2018204885</p> <hr/>
<p>(71) Apple Inc. (21) 2018101455 (22) 28.09.2018 (54) User interfaces for browsing content from multiple content applications on an electronic device (62) 2018100810</p> <hr/>	<p>(71) Beiyan Australia Pty Limited (21) 2018101449 (22) 27.09.2018 (54) Transmission system for shearing handpeice</p> <hr/>	<p>(71) Digital MCF Pty Ltd; Mike Da Silva and Associates (AUST) Pty Ltd; Robert Langtry Strategic Advisor Pty Ltd (21) 2018101474 (22) 02.10.2018 (54) Artificial Intelligence Rewards Program</p> <hr/>
<p>(71) Apple Inc. (21) 2018101458 (22) 28.09.2018 (54) Dual cup enclosure for electronic devices (31) 62/678,684 (32) 31.05.18 (33) US 16/127,056 10.09.18 US</p> <hr/>	<p>(71) BISSELL Homecare, Inc. (21) 2018101447 (22) 27.09.2018 (54) Self-cleaning features for extraction cleaners (31) 62/568,956 (32) 06.10.17 (33) US</p> <hr/>	<p>(71) Dunlop, C. (21) 2018101469 (22) 30.09.2018 (54) APPARATUS FOR PATIENT WARMING</p> <hr/>
<p>(71) Apple Inc. (21) 2018101461 (22) 28.09.2018 (54) Double shear weld joint for electronic enclosures (31) 62/678,692 (32) 31.05.18 (33) US 16/127,075 10.09.18 US</p> <hr/>	<p>(71) Blackmores Ltd (21) 2018101460 (22) 28.09.2018 (54) Compositions and method for maintaining/improving cognitive function (62) 2013360021</p> <hr/>	<p>(71) ELMASS (AUSTRALIA) PTY. LTD. (21) 2018101473 (22) 02.10.2018 (54) Improvements relating to cutting devices to make internal keyways, splines and other shapes in blind bores and through bores (31) 2017904724 (32) 22.11.17 (33) AU</p> <hr/>
<p>(71) Apple Inc. (21) 2018101461 (22) 28.09.2018 (54) Double shear weld joint for electronic enclosures (31) 62/678,692 (32) 31.05.18 (33) US 16/127,075 10.09.18 US</p> <hr/>	<p>(71) Canfyn, D. (21) 2018101457 (22) 28.09.2018 (54) MINIATURE SHIPPING CONTAINER</p> <hr/>	<p>(71) Flowrox Oy (21) 2018101478 (22) 03.10.2018 (54) A pinch valve (31) 20175891 (32) 11.10.17 (33) FI</p> <hr/>
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 (21) 2018101459 (22) 28.09.2018  
 (54) A MAST FOR A DRILL RIG  
 (31) 735913 (32) 28.09.17 (33) NZ

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(71) Lin, C.  
 (21) 2018101462 (22) 28.09.2018  
 (54) Electric-assisted leisure lifting recliner  
 (31) 107211929 (32) 31.08.18 (33) TW

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(71) MCNAMARA, C.  
 (21) 2018101451 (22) 28.09.2018  
 (54) An embedded device for wireless power transfer and method for installation thereof

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(71) Messner, K.W.; Tecalink Pty Ltd  
 (21) 2018101479 (22) 04.10.2018  
 (54) A self collapsing tripod assembly for harsh environments

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(71) Miasole Equipment Integration (Fujian) Co., Ltd.  
 (21) 2018101465 (22) 28.09.2018  
 (54) Flexible photovoltaic module  
 (31) PCT/ CN2018/094114 (32) 02.07.18 (33) WO  
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(71) Miasole Equipment Integration (Fujian) Co., Ltd.  
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 (54) Lamination device for a photovoltaic module  
 (31) PCT/ CN2018/104828 (32) 10.09.18 (33) WO  
 201721770562.X 18.12.17 CN

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(71) MiaSole Photovoltaic Technology Co., Ltd.  
 (21) 2018101456 (22) 28.09.2018  
 (54) Solar umbrella  
 (31) 201820800591.4 (32) 25.05.18 (33) CN

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 (21) 2018101474

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(71) Moller, P.  
 (21) 2018101482 (22) 04.10.2018  
 (54) Alltac Sirius Large Format Plastic Plate

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(71) Mulligan, T.  
 (21) 2018101454 (22) 28.09.2018  
 (54) Interchangeable and Adjustable Gaming Layout System and Controller  
 (62) 2014281430

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(71) Nanjing Chervon Industry Co., Ltd.  
 (21) 2018101484 (22) 04.10.2018  
 (54) POWER TOOL, LAWN MOWER, AND CONTROL METHOD THEREOF  
 (62) PCT/CN2017/082683

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(71) Norton, M.  
 (21) 2018101468 (22) 29.09.2018  
 (54) Concrete Cutting Tool

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(71) O-I Operations (Australia) Pty Ltd  
 (21) 2018101448 (22) 27.09.2018  
 (54) Beverage Bottle

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**Robert Langtry Strategic Advisor Pty Ltd see Digital MCF Pty Ltd**  
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(71) SHINE RISE PTY LTD  
 (21) 2018101450 (22) 28.09.2018  
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 (31) 2017903928 (32) 27.09.17 (33) AU

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(71) Sun Pharmaceutical Industries Australia Limited; The University of York  
 (21) 2018101471 (22) 01.10.2018  
 (54) PRODUCTION OF NOSCAPINE  
 (62) 2016281762

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**Tecalink Pty Ltd see Messner, K.W.**  
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 (21) 2018101471

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(71) WINSHING (AUSTRALIA) PTY LTD  
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 (54) A preparation of anti-cancer fungi combined with traditional Chinese medicine and it's preparation method

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<b>2018101464</b>	CareVision Holdings Pty Ltd		

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

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.  
The codes next to each number have the following meanings:

<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
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 2014336987 ( 1B ) 2014337452 ( 1B ) 2014337747 ( 1B )  
 2014338592 ( 1B ) 2014340238 ( 1B ) 2014340247 ( 1B )  
 2014340378 ( 1B ) 2014340440 ( 1B ) 2014340441 ( 1B )  
 2014342368 ( 5C ) 2014349892 ( 5C ) 2014353870 ( 5C )  
 2014381505 ( 1B ) 2014388396 ( 4C ) 2014392681 ( 16C )  
 2014397825 ( 5C )

**2015**

2015100353 ( 22E ) 2015201605 ( 14 ) 2015210882 ( 5C )  
 2015213505 ( 1B ) 2015213873 ( 1B ) 2015237259 ( 25D )  
 2015238207 ( 1B ) 2015238898 ( 14 ) 2015244410 ( 5C )  
 2015247535 ( 5C ) 2015264852 ( 1B ) 2015274809 ( 5C )  
 2015275039 ( 5C ) 2015275336 ( 4C ) 2015281575 ( 5C )  
 2015298766 ( 5C ) 2015301843 ( 5C ) 2015303806 ( 5C )  
 2015306222 ( 25D ) 2015320874 ( 5C ) 2015324333 ( 5C )  
 2015324334 ( 5C ) 2015339024 ( 5C ) 2015353886 ( 1B )  
 2015353888 ( 1B ) 2015354406 ( 1B ) 2015357007 ( 1B )  
 2015358882 ( 1B ) 2015358903 ( 1B ) 2015359458 ( 1B )  
 2015364556 ( 12C ) 2015365634 ( 1B )

**2016**

2016100306 ( 22E ) 2016100312 ( 22G ) 2016201473 ( 5C )  
 2016202948 ( 5C ) 2016203015 ( 25D ) 2016203376 ( 4C )  
 2016203780 ( 5C ) 2016204000 ( 14 ) 2016204026 ( 5C )  
 2016204290 ( 5C ) 2016204376 ( 4C ) 2016204772 ( 5C )  
 2016204947 ( 5C ) 2016208304 ( 5C ) 2016210587 ( 5C )  
 2016210599 ( 5C ) 2016210600 ( 5C ) 2016210601 ( 5C )  
 2016210637 ( 5C ) 2016210703 ( 5C ) 2016213843 ( 5C )  
 2016216550 ( 5C ) 2016219721 ( 5C ) 2016222430 ( 5C )  
 2016247191 ( 5C ) 2016247204 ( 5C ) 2016253677 ( 5C )  
 2016256718 ( 5C ) 2016256841 ( 5C ) 2016259355 ( 5C )  
 2016259422 ( 5C ) 2016259434 ( 5C ) 2016266025 ( 5C )  
 2016266074 ( 5C ) 2016277640 ( 5C ) 2016292954 ( 5C )

**2017**

2017200478 ( 5C ) 2017200649 ( 4C ) 2017202052 ( 4C )  
 2017203471 ( 5C ) 2017208305 ( 5C ) 2017208343 ( 5C )  
 2017248500 ( 4C ) 2017258917 ( 4C ) 2017261583 ( 12CN )  
 2017904119 ( 12AN ) 2017904484 ( 12AN )

**2018**

2018100118 ( 21F ) 2018204138 ( 7AN ) 2018205204 ( 1B )  
 2018206737 ( 1B ) 2018206809 ( 7AN ) 2018208705 ( 7AN )  
 2018902809 ( 17AN ) 2018902810 ( 17AN ) 2018903719 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014201877 Pulse Technologies, Inc. The application has been assigned to **Pulse IP, LLC**

2014202893 Pulse Technologies, Inc. The application has been assigned to **Pulse IP, LLC**

2014225864 FASETTO, L.L.C. The application has been assigned to **Fasetto, Inc.**

2014277800 Pulse Technologies, Inc. The application has been assigned to **Pulse IP, LLC**

2014398811 IP & Patent Management UG (haftungsbeschränkt)  
 The application has been assigned to **KHS GmbH**

**Assignments before Grant, Section 113**

**2015**

2015287705 Fasetto, LLC The application has been assigned to **Fasetto, Inc.**

2015328723 Fasetto, LLC The application has been assigned to **Fasetto, Inc.**

**2016**

2016204056 Pulse Technologies, Inc. The application has been assigned to **Pulse IP, LLC**

2016221408 Magagnoli, Augusto The application has been assigned to **COSSINGTON LIMITED**

2016221465 Magagnoli, Augusto The application has been assigned to **COSSINGTON LIMITED**

2016340897 Juan, Chun-Chia; Medeon Biodesign, Inc.; Cheng, Shu-Ling; Weng, Yu-Shih The application has been assigned to **Terumo Medical Corporation**

**2017**

2017201000 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2017201144 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2017201286 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2017204059 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2017206164 Pulse Technologies, Inc. The application has been assigned to **Pulse IP, LLC**

2017228405 Ruiz, Juan Rodrigo Cubillos; Glimcher, Lauri; Bettigole, Sarah; Cornell University The application has been assigned to **Cornell University**

2017248408 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2017903541 Deep Exploration Technologies CRC Limited The application has been assigned to **MINEX CRC LTD**

**2018**

2018201150 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2018201724 E. I. DU PONT DE NEMOURS AND COMPANY The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2018202376 Bayer Intellectual Property GmbH The application has been assigned to **Bayer Pharma Aktiengesellschaft**

**Assignments before Grant, Section 113**

2018203293 E. I. du Pont de Nemours and Company The application has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

**Extensions of Time, Section 223**

**Applications Received**

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

**2006**

2006335096 **Astra Tech, Inc.** An application to extend the time from 28 Dec 2017 to 28 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2008**

2008200832 **Injureeze Australia Pty Ltd.** An application to extend the time from 22 Feb 2018 to 22 Sep 2018 in which to pay a renewal fee has been filed . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

**2010**

2010200082 **Dunstan, J.** An application to extend the time from 08 Jan 2018 to 08 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2011**

2011216159 **NITROSET, LLC** An application to extend the time from 19 Jan 2018 to 19 Sep 2018 in which to pay a renewal fee has been filed . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

**2012**

2012227267 **Anson-Smith, B.** An application to extend the time from 23 Mar 2017 to 23 Oct 2017 in which to pay the renewal fee has been filed . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

**2013**

2013334475 **Future Construction & Civil Pty Ltd** An application to extend the time from 03 Feb 2018 to 03 Oct 2018 in which to gain acceptance has been filed . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

**2015**

2015296885 **Jkp Marine Pty Ltd** An application to extend the time from 28 Feb 2017 to 28 Aug 2018 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016222271 **Matthews, J.** An application to extend the time from 23 Mar 2018 to 23 Sep 2018 in which to gain acceptance has been filed . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

**Extensions of Time, Section 223**

2016247115 **Illinois Tool Works Inc.** An application to extend the time from 07 Mar 2018 to 07 Oct 2018 in which to pay the acceptance fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016256676 **NITROSET, LLC** An application to extend the time from 19 Jan 2018 to 19 Sep 2018 in which to pay a continuation fee has been filed . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

**2017**

2017203585 **Mars, Incorporated** An application to extend the time from 22 Jan 2018 to 22 Aug 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2010**

2010282584 **Schmidt, H.** The time in which to pay a renewal fee has been extended to 10 Jun 2018 . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

**2012**

2012386631 **Korea Institute of Energy Research** The time in which to pay a renewal fee has been extended to 10 Jun 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2013**

2013353845 **Oxford University Innovation Limited** The time in which to pay the acceptance fee has been extended to 07 Oct 2018 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2014**

2014101587 **Singhe, U.** The time in which to pay a renewal fee has been extended to 13 Jun 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015206193 **Levinsohn, S.** The time in which to gain acceptance has been extended to 27 Oct 2018 . Address for service - Steven Levinsohn Robyn Gross 71 Boronia Road Bellevue Hill NSW 2023 AU

**2017**

2017201551 **BURROUGHS, S.; HIRTH, G.** The time in which to pay the acceptance fee has been extended to 07 Oct 2018 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**2018**

2018204499 **Amarin Pharmaceuticals Ireland Limited** The time in which to request examination has been extended to 03 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018208758 **Transocean Innovation Labs Ltd** The time in which to make a further application for a divisional patent has been extended to

**Extensions of Time, Section 223**

26 Aug 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 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.

**2014**

2014250836 Quinazolines and azaquinazolines as dual inhibitors of RAS/RAF/MEK/ERK and PI3K/AKT/PTEN/mTOR pathways **Asana BioSciences, LLC** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016244192 Oral device and method for use thereof **Trudell Medical International ; The University of Western Ontario** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017202755 Toll like receptor modulator compounds **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017217455 Apparatus and method for formulation and dispensing of visually customized cosmetics **Equality Cosmetics, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**Amendments Made**

**2012**

2012345638 **Sarepta Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2018

**2013**

2013375909 **Covidien LP** The nature of the amendment is: Amend the name of the inventor to read Lee, Weng-Kai K.; Lacosta, Scott N.; Goodman, Kelley D.; Hart, Keir; Kerr, Duane E.; Ladtkow, Geneva; Netzel, Kenneth E.; Townsend, Jeffrey R.; BHANDARI, Raghavendra Laxman and Yi, Peixiong

**2014**

2014203150 **Merus N.V.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2018

**Amendments**

2014220705 **Willex AG** The nature of the amendment is as shown in the statement filed 21 Jun 2018

2014223334 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 21 Jun 2018

2014233680 **DSG Technology Holdings Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2018

2014253018 **Depuy Ireland Unlimited Company** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2015

2014262983 **Thorium Power, Inc.** The nature of the amendment is as shown in the statement filed 03 Jul 2018

2014280263 **DSM IP Assets B.V.** The nature of the amendment is: Amend the name of the inventor to read Tichelaar, Michel Poul; Koning, Cornelis Eme; Udding, Jan Henderikus; Westerhof, Wilhelmina; Reutelingsperger, Chris and Hofland, Adriaan

2014280264 **DSM IP Assets B.V.** The nature of the amendment is: Amend the name of the inventor to read Tichelaar, Michel Poul; Koning, Cornelis Eme; Udding, Jan Henderikus; Westerhof, Wilhelmina; Reutelingsperger, Chris and Hofland, Adriaan

2014289283 **Gustav Klauke GmbH** The nature of the amendment is as shown in the statement filed 25 Jun 2018

2014330812 **Elta Systems Ltd.** The nature of the amendment is as shown in the statement filed 03 Jul 2018

2014381788 **Philip Morris Products S.A.** The nature of the amendment is: Amend the invention title to read AN AEROSOL-GENERATING SYSTEM HAVING A FLUID PERMEABLE HEATER ASSEMBLY AND A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM HAVING A FLUID PERMEABLE HEATER ASSEMBLY

**2015**

2015243043 **Covidien LP** The nature of the amendment is: Amend the name of the inventor to read Lee, Weng-Kai K.; Lacosta, Scott N.; Goodman, Kelley D.; Hart, Keir; Kerr, Duane E.; Ladtkow, Geneva; Netzel, Kenneth E.; Townsend, Jeffrey R.; BHANDARI, Raghavendra Laxman and Yi, Peixiong

2015247488 **Georgia-Pacific Containerboard LLC.** The nature of the amendment is as shown in the statement filed 31 May 2018

2015285000 **Whang, M.C.; Jeon, W.S.; Gaondirector Co., Ltd** The nature of the amendment is: Amend the invention title to read White noise generating apparatus for stress relaxation and concentration improvement, and white noise generating method using the same

2015301535 **Urban Mining Company** The nature of the amendment is as shown in the statement filed 08 Jul 2018

2015329070 **Cytlimic Inc.** The nature of the amendment is: Amend the invention title to read HSP70-DERIVED PEPTIDE, PHARMACEUTICAL COMPOSITION FOR TREATING OR PREVENTING CANCER USING SAME, IMMUNITY INDUCER, AND METHOD FOR PRODUCING ANTIGEN-PRESENTING CELL

**Amendments**

2015364879 **Daikin Industries, Ltd.** The nature of the amendment is as shown in the statement filed 27 Jun 2018

**2016**

2016202488 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2018

2016231534 **Zhu, C.** The nature of the amendment is: Application is to proceed under the number 2016102392

2016250437 **Advanced Substructures Ltd** The nature of the amendment is: Application is to proceed under the number 2016102393

2016250441 **Advanced Substructures Ltd** The nature of the amendment is: Application is to proceed under the number 2016102394

2016340167 **AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read Allian, Aymen D.; Jayanth, Jayanth; Mohamed, Mohamed-Eslam F.; Mulhern, Mathew M.; Nordstrom, Fredrik Lars; Othman, Ahmed A.; Rozema, Michael J.; Bhagavatula, Lakshmi; Marroum, Patrick J.; Mayer, Peter T.; Sheikh, Ahmad Y. and Borchardt, Thomas B.

2016364932 **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement filed 07 Sep 2018

2016379159 **Agbiome, Inc.** The nature of the amendment is: Amend the name of the inventor to read Parks, Jessica; Roberts, Kira Bulazel; Thayer, Rebecca E. and Beilinson, Vadim

2016401829 **JGC Corporation; Elbrons B.V.** The nature of the amendment is: Amend the invention title to read GAS PROCESSING FACILITY

2016405033 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Motor drive apparatus, refrigeration cycle apparatus and air conditioner

**2017**

2017222908 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 12 Sep 2018

2017226859 **Softbank Robotics Europe** The nature of the amendment is: Amend the invention title to read Assembly for charging a battery and charging method implementing such an assembly

2017227014 **Faiveley Transport Amiens** The nature of the amendment is: Amend the invention title to read Rail vehicle braking system and braking method for a rail vehicle comprising such a system

2017227015 **Faiveley Transport Amiens** The nature of the amendment is: Amend the invention title to read Rail vehicle braking system and braking method for a rail vehicle comprising such a system

2017228507 **Desktop Metal, Inc.** The nature of the amendment is: Amend the name of the inventor to read Myerberg, Jonah Samuel; Fulop, Ricardo; Chiang, Yet-Ming; Hart, Anastasios John; Fontana, Richard Remo; Mykulowycz, Nicholas Mark; Shim, Joseph Yosup; Gibson, Michael Andrew; Schroers, Jan; Schuh, Christopher Allan; Ver-

**Amendments**

minski, Matthew David; Sachs, Emanuel Michael; Burnham, Richard Thomas; Roberts, Andrew F. and Schmitt, Peter Alfons

2017232111 **Tansley, S.** The nature of the amendment is: Application is to proceed under the number 2017101837

2017236326 **Faiveley Transport Amiens** The nature of the amendment is: Amend the invention title to read Rail vehicle braking system for a rail vehicle

2017236457 **ByBox Holdings Limited** The nature of the amendment is as shown in the statement filed 21 Sep 2018

2017244269 **Hanmi Pharm. Co., Ltd.** The nature of the amendment is as shown in the statement filed 24 Sep 2018

2017245125 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2018

2017246711 **Boston Scientific Neuromodulation Corporation** The nature of the amendment is: Amend the name of the inventor to read Serrano Carmona, Raul and Hershey, Bradley

2017251520 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement filed 14 Sep 2018

**2018**

2018100875 **JIANG, X.** The nature of the amendment is: Amend the name of the inventor to read JIANG, Xiaojie and SU, Dongming

2018203568 **Sutro Biopharma, Inc.** The nature of the amendment is as shown in the statement filed 25 Sep 2018

2018205183 **WAVE LIFE SCIENCES LTD.** The nature of the amendment is: Amend the name of the inventor to read Butler, David; Iwamoto, Naoki; Meena; Svrzikapa, Nenad; Verdine, Gregory L. and Zlatev, Ivan

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

**2002**

2002218981 Steinert Elektromagnetbau GmbH The name of the patentee has been altered to **Steinert GmbH**

**2004**

2004289410 Esselte Leitz GmbH & Co KG The name of the patentee has been altered to **LEITZ ACCO Brands GmbH & Co KG**

**2005**

2005213159 Liebert Corporation The name of the patentee has been altered to **Vertiv Corporation**

2005217961 Liebert Corporation The name of the patentee has been altered to **Vertiv Corporation**

**Amendments**

2005277397 GeNo LLC The name of the patentee has been altered to **VERO Biotech LLC.**

**2006**

2006252671 Liebert Corporation The name of the patentee has been altered to **Vertiv Corporation**

2006296837 Nordisk Rebalance A/S The name of the patentee has been altered to **Nordic Rebalance A/S**

**2008**

2008232413 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2008310313 Innovac Pty Ltd The name of the patentee has been altered to **Ena Therapeutics Pty Ltd**

**2009**

2009209181 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009225884 On-Ramp Wireless, Inc. The name of the patentee has been altered to **Ingenu, Inc.**

2009273911 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009282985 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009282986 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009282987 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009282988 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2009292963 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

**2010**

2010226584 On-Ramp Wireless, Inc. The name of the patentee has been altered to **Ingenu, Inc.**

2010235002 On-Ramp Wireless, Inc. The name of the patentee has been altered to **Ingenu, Inc.**

2010263098 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

2010321707 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC.**

**Amendments****2011**

2011210543 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2011212928 Medivation Technologies, LLC The name of the patentee has been altered to **Medivation Technologies LLC**

2011213584 Medivation Technologies, LLC The name of the patentee has been altered to **Medivation Technologies LLC**

2011245474 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2011245476 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2011248576 On-Ramp Wireless, Inc. The name of the patentee has been altered to **Ingenu, Inc.**

2011253602 GeNo LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2011305061 Innovac Pty Ltd The name of the patentee has been altered to **Ena Therapeutics Pty Ltd**

2011325561 Flexmove System (M) SDN BHD The name of the patentee has been altered to **Dorner (M) Sdn. Bhd.**

2011336358 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2011352482 Steinert Elektromagnetbau GmbH The name of the patentee has been altered to **Steinert GmbH**

**2012**

2012254270 Flexmove System (M) Sdn.Bhd. The name of the patentee has been altered to **Dorner (M) Sdn. Bhd.**

2012262534 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2012267620 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

**2013**

2013201424 Nordisk Rebalance A/S The name of the patentee has been altered to **Nordic Rebalance A/S**

2013201442 Nordisk Rebalance A/S The name of the patentee has been altered to **Nordic Rebalance A/S**

2013267074 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2013337351 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

**Amendments****2014**

2014101640 NCM Innovations (PVT) Ltd The name of the applicant has been altered to **NCM Innovations (Pty) Ltd**

2014200277 PharmBio Corporation The name of the patentee has been altered to **PharmaBio Corporation**

2014202106 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2014237067 Intelligent Bio-Systems, Inc. The name of the applicant has been altered to **Qiagen Sciences, LLC**

2014240564 Intelligent Bio-Systems, Inc. The name of the applicant has been altered to **Qiagen Sciences, LLC**

2014359276 Hookipa Biotech AG The name of the applicant has been altered to **HOOKIPA Biotech GmbH**

**2015**

2015336028 GeNO LLC The name of the applicant has been altered to **VERO Biotech LLC**.

2015349961 Advanced Cardiac Therapeutics, Inc. The name of the applicant has been altered to **EPIX Therapeutics, Inc.**

2015350007 Advanced Cardiac Therapeutics, Inc. The name of the applicant has been altered to **EPIX Therapeutics, Inc.**

2015387440 Advanced Cardiac Therapeutics, Inc. The name of the applicant has been altered to **EPIX Therapeutics, Inc.**

**2016**

2016204447 GeNO LLC The name of the patentee has been altered to **VERO Biotech LLC**.

2016267090 GeNO LLC The name of the applicant has been altered to **VERO Biotech LLC**.

2016274655 Hookipa Biotech AG The name of the applicant has been altered to **HOOKIPA Biotech GmbH**

2016348675 Hookipa Biotech AG The name of the applicant has been altered to **HOOKIPA Biotech GmbH**

2016352572 Hookipa Biotech AG The name of the applicant has been altered to **HOOKIPA Biotech GmbH**

**2017**

2017200422 Angel Playing Cards Co. Ltd. The name of the patentee has been altered to **Angel Playing Cards Co., Ltd.**

2017204852 GeNO LLC The name of the applicant has been altered to **VERO Biotech LLC**.

2017244135 Hyrda-Zorb The name of the applicant has been altered to **Hydra-Zorb**

**Amendments**

2017250298 The Trustees of the University of Pennsylvania The name of the applicant has been altered to **The Trustees Of The University Of Pennsylvania**

2017904236 Undergrounds Roads Pty Ltd The name of the applicant has been altered to **Underground Roads Pty Ltd**

2017904738 Bluevoltsolar Pty. Ltd. The name of the applicant has been altered to **Bluevolt Solar Pty. Ltd.**

**2018**

2018100876 Yixing Comfortace Home Textiles Co.,Ltd. The name of the patentee has been altered to **Yixing Kangtai Home Textiles Co., Ltd.**

2018241061 Intersurgical AG The name of the applicant has been altered to **Nasir, M.; Intersurgical AG**

2018903582 WillowCo Pty Ltd The name of the applicant has been altered to **Willow Technology Corporation Pty Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) Accenture Global Solutions Limited (11) AU-A-2018200877 (21) 2018200877 (22) 06.02.2018 (54) CLOSED LOOP NODAL ANALYSIS (51) Int. Cl. G06Q 10/06 ( 2012.01 ) G06F 17/30 ( 2006.01 ) G06N 99/00 ( 2010.01 ) (31) 201741011333 (32) 30.03.17 (33) IN (43) 18.10.2018 (72) DUBEY, Manisha; SONI, Rajneesh; RAJ, Babu Xavier; SWAMINATHAN, Anuradha (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(54) METHOD AND SYSTEM FOR IMPROVING OPERATIONAL EFFICIENCY OF A TARGET SYSTEM (51) Int. Cl. G06F 17/00 ( 2006.01 ) (43) 18.10.2018 (62) 2017202801 (72) BHOLE, Laxmikant Sudhakar; DESHPANDE, Amod Dattatray; KOTHANDARAMAN, Ramkumar; KHAMBETE, Kiran Vinayak (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Angel Playing Cards Co., Ltd. (11) AU-A-2018236860 (21) 2018236860 (22) 28.09.2018 (54) TABLE GAME SYSTEM (51) Int. Cl. A63F 1/06 ( 2006.01 ) (43) 18.10.2018 (62) 2016277757 (72) Shigeta, Yasushi (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018202020 (21) 2018202020 (22) 21.03.2018 (54) ENABLING DEVICE UNDER TEST CONFERENCING VIA A COLLABORATION PLATFORM (51) Int. Cl. G06F 11/22 ( 2006.01 ) (31) 15/472,690 (32) 29.03.17 (33) US (43) 18.10.2018 (72) CLEMENTS, Stephen (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Air Products and Chemicals, Inc. (11) AU-A-2018202124 (21) 2018202124 (22) 26.03.2018 (54) PARALLEL COMPRESSION IN LNG PLANTS USING A DOUBLE FLOW COMPRESSOR (51) Int. Cl. F25J 1/00 ( 2006.01 ) (31) 15/472,701 (32) 29.03.17 (33) US (43) 18.10.2018 (72) Wehrman, Joseph Gerard; Krishnamurthy, Gowri; Roberts, Mark Julian (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Apollo Fire Detectors Limited (11) AU-A-2018236753 (21) 2018236753 (22) 26.09.2018 (54) Conical light absorber for smoke detector (51) Int. Cl. G08B 17/107 ( 2006.01 ) B23K 26/30 ( 2006.01 ) G02B 5/00 ( 2006.01 ) G02B 27/00 ( 2006.01 ) (43) 18.10.2018 (62) 2015275879 (72) Cruse, Gregory Michael; Watson, Philip; Knight, Robert David (74) FB Rice Pty Ltd</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018202112 (21) 2018202112 (22) 23.03.2018 (54) SCORING MECHANISM FOR DISCOVERY OF EXTREMIST CONTENT (51) Int. Cl. G06F 17/30 ( 2006.01 ) G06Q 50/00 ( 2012.01 ) (31) 15/473,173 (32) 29.03.17 (33) US (43) 18.10.2018 (72) McCOY, Anthony; ZAMAN, Md Faisal; SHARPE, Carl; HAMITI, Sofian (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Alexander, S. (11) AU-A-2018202305 (21) 2018202305 (22) 30.03.2018 (54) A computer application and method for enabling fundraising for charities, not for profit organisations and other beneficiaries through a social network (51) Int. Cl. G06Q 30/02 ( 2012.01 ) (31) 2017901166 (32) 30.03.17 (33) AU (43) 18.10.2018 (72) Alexander, Sarah (74) Matthew Sulman &amp; Associates</p>	<p>(71) Apollo Motorhome Holidays Pty Ltd (11) AU-A-2018202099 (21) 2018202099 (22) 23.03.2018 (54) Method of forming a caravan/RV roof (51) Int. Cl. B29C 33/44 ( 2006.01 ) B29C 33/26 ( 2006.01 ) B29C 33/42 ( 2006.01 ) B29C 53/00 ( 2006.01 ) B60P 3/34 ( 2006.01 ) (31) 2017901117 (32) 28.03.17 (33) AU (43) 18.10.2018 (72) Ash, Ken; Naylor, Peter; Bresser, David; Smyth, Noel; Casey, David; Fox, Stephen (74) MACPHERSON &amp; KELLEY LAWYERS (BRISBANE) PTY LTD</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018202166 (21) 2018202166 (22) 27.03.2018 (54) INTEGRATED SERVICES PLATFORM (51) Int. Cl. G06Q 10/00 ( 2012.01 ) G06F 17/40 ( 2006.01 ) (31) 201741010933 (32) 28.03.17 (33) IN (43) 18.10.2018 (72) SRIVASTAVA, Sneha; HANCOCK, Rae-Ann Louise; MATHUR, Amit (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Angel Playing Cards Co., Ltd. (11) AU-A-2018202285 (21) 2018202285 (22) 29.03.2018 (54) Gaming chip and management system (51) Int. Cl. G07F 17/32 ( 2006.01 ) A44C 21/00 ( 2006.01 ) B41M 3/14 ( 2006.01 ) B42D 25/20 ( 2014.01 ) B42D 25/30 ( 2014.01 ) B42D 25/382 ( 2014.01 ) B42D 25/455 ( 2014.01 ) B42D 25/46 ( 2014.01 ) G03B 29/00 ( 2006.01 ) G03B 41/00 ( 2006.01 ) (31) 2017-070704 (32) 31.03.17 (33) JP (43) 18.10.2018 (72) SHIGETA, Yasushi (74) FB Rice Pty Ltd</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2018236720 (21) 2018236720 (22) 25.09.2018 (54) INSTANT LOTTERY GAME (51) Int. Cl. A63F 3/06 ( 2006.01 ) G07F 17/32 ( 2006.01 )</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018236724 (21) 2018236724 (22) 25.09.2018</p>		

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 (11) AU-A-2018236733  
 (21) 2018236733 (22) 25.09.2018  
 (54) Game interruption and reconnection management  
 (51) Int. Cl.  
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 (72) LARSSON, Ulf; OTTERLING, Jan  
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 (11) AU-A-2018236808  
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 (54) A GAME CONTROLLER, A GAMING SYSTEM, AND A METHOD OF GAMING  
 (51) Int. Cl.  
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 (72) ROUKIS, George; BENNETT, Nicholas Luke  
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 (21) 2018201255 (22) 21.02.2018  
 (54) Assembly having a clutch collar and method of manufacture  
 (51) Int. Cl.  
*F16D 23/14* ( 2006.01 )  
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 (31) 15/471,541 (32) 28.03.17 (33) US  
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 (72) Hirao, Wagner Yukio  
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- (71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
 (11) AU-A-2017395127  
 (21) 2017395127 (22) 23.10.2017  
 (54) Cable twisting protection device, method of use thereof and wind turbine  
 (51) Int. Cl.  
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 (31) 201710195974.3 (32) 28.03.17 (33) CN  
 (43) 18.10.2018  
 (72) Guo, Dadong; Xu, Yong  
 (74) Madderns Patent & Trade Mark Attorneys
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 (11) AU-A-2018236700

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 (54) VAGINAL REMODELING/REJUVENATION DEVICE AND METHOD  
 (51) Int. Cl.  
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- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018201949  
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 (54) CATHETER WITH FLOATING CURVATURE  
 (51) Int. Cl.  
*A61M 25/09* ( 2006.01 )  
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 (72) Bazilian, Leonid  
 (74) Spruson & Ferguson
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- (71) Biosense Webster (Israel) Ltd.  
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 (54) TISSUE CONDUCTION VELOCITY  
 (51) Int. Cl.  
*A61B 5/046* ( 2006.01 )  
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*A61B 5/053* ( 2006.01 )  
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 (72) Botzer, Lior; Ben-Dor, Amir; Chmiel, Yoram; Turgeman, Aharon; Mizrahi, Liron Shmuel; Salomon, Noga; Givaty, Galia  
 (74) Spruson & Ferguson
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- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018202089  
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 (54) MEDICAL DEVICE HAVING A RE-USABLE POSITION SENSOR  
 (51) Int. Cl.  
*A61B 5/06* ( 2006.01 )  
 (31) 15/471,766 (32) 28.03.17 (33) US  
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 (72) Algawi, Yehuda; Govari, Assaf; Sitnitsky, Ilya  
 (74) Spruson & Ferguson
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- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018202091  
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 (54) BALLOON CATHETER WITH LARGE AREA ELECTRODES  
 (51) Int. Cl.  
*A61B 1/04* ( 2006.01 )  
 (31) 15/476,191 (32) 31.03.17 (33) US  
 (43) 18.10.2018  
 (72) Govari, Assaf; Beeckler, Christopher Thomas  
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- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2018202092  
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 (54) BALLOON CATHETER WITH ULTRASONIC TRANSDUCERS  
 (51) Int. Cl.  
*A61M 25/10* ( 2013.01 )  
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 (72) Govari, Assaf; Beeckler, Christopher Thomas  
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- (71) Black & Decker Inc.  
 (11) AU-A-2018202023  
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 (54) Cast-in-place anchors  
 (51) Int. Cl.  
*E04G 21/12* ( 2006.01 )  
*E04C 5/12* ( 2006.01 )  
 (31) 17164320.8 (32) 31.03.17 (33) EP  
 (43) 18.10.2018  
 (72) Schramm, Benjamin  
 (74) Davies Collison Cave Pty Ltd
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- (71) Black Gold Coin, Inc.  
 (11) AU-A-2018236721  
 (21) 2018236721 (22) 25.09.2018  
 (54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
*G06Q 20/36* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
 (43) 18.10.2018  
 (62) 2016400090  
 (72) Andrade, Marcus  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Black Gold Coin, Inc.  
 (11) AU-A-2018236722  
 (21) 2018236722 (22) 25.09.2018  
 (54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
*G06Q 20/36* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
 (43) 18.10.2018  
 (62) 2016400090  
 (72) Andrade, Marcus  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Black Gold Coin, Inc.  
 (11) AU-A-2018236723  
 (21) 2018236723 (22) 25.09.2018  
 (54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION  
 (51) Int. Cl.

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**G06Q 20/36** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**(43)** 18.10.2018  
**(62)** 2016400090  
**(72)** Andrade, Marcus  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Black Gold Coin, Inc.  
**(11)** AU-A-2018236747  
**(21)** 2018236747 **(22)** 26.09.2018  
**(54)** SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION  
**(51)** Int. Cl.  
**G06F 17/30** ( 2006.01 )  
**G06Q 20/36** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**(43)** 18.10.2018  
**(62)** 2016400090  
**(72)** Andrade, Marcus  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Board of Regents, The University of Texas System  
**(11)** AU-A-2018236781  
**(21)** 2018236781 **(22)** 26.09.2018  
**(54)** METHOD FOR ACCURATE SEQUENCING OF DNA  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2013267609  
**(72)** OTWINOWSKI, Zbyszek; BOREK, Dominika  
**(74)** Golja Haines & Friend

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**(71)** Bombardier Transportation GmbH  
**(11)** AU-A-2018202220  
**(21)** 2018202220 **(22)** 28.03.2018  
**(54)** APPARATUS AND METHOD FOR CORRECTING DAMAGE TO RAILS AND RAILWAY CROSSOVERS  
**(51)** Int. Cl.  
**E01B 31/17** ( 2006.01 )  
**(31)** 62/481,384 **(32)** 04.04.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** Skoblenick, Harry; Mancic, Aleksandar  
**(74)** Madderns Patent & Trade Mark Attorneys

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**(71)** Boston Scientific Neuromodulation Corporation  
**(11)** AU-A-2018236820  
**(21)** 2018236820 **(22)** 27.09.2018  
**(54)** Devices and methods to use power spectrum or signal association for pain management  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61B 5/0476** ( 2006.01 )

**(43)** 18.10.2018  
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**(72)** MOFFITT, Michael A.; BOKIL, Hemant  
**(74)** Spruson & Ferguson

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**(71)** Brookvale Industrial Maintenance Pty Ltd  
**(11)** AU-A-2018202226  
**(21)** 2018202226 **(22)** 28.03.2018  
**(54)** Surface Treatment Method  
**(51)** Int. Cl.  
**C04B 41/48** ( 2006.01 )  
**C04B 41/83** ( 2006.01 )  
**C04B 41/89** ( 2006.01 )  
**C09D 175/04** ( 2006.01 )  
**E04B 1/64** ( 2006.01 )  
**E06B 1/66** ( 2006.01 )  
**(31)** 2017901158 **(32)** 30.03.17 **(33)** AU  
**(43)** 18.10.2018  
**(72)** Meredith, Mark  
**(74)** Chrysiliou IP

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**(71)** Cantor G&W (Nevada), L.P.  
**(11)** AU-A-2018236833  
**(21)** 2018236833 **(22)** 28.09.2018  
**(54)** SYLLABIC ROULETTE GAME WITH SOLMIZATION, AND METHOD  
**(51)** Int. Cl.  
**A63F 5/00** ( 2006.01 )  
**A63F 13/00** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2016208409  
**(72)** Fisher, Donald; Langtim, Melissa; Krich, Douglas; Garmann, Darlene Marie; Foote, Stephen  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** CareFusion 303, Inc.  
**(11)** AU-A-2018236704  
**(21)** 2018236704 **(22)** 24.09.2018  
**(54)** Tailless needleless valve system  
**(51)** Int. Cl.  
**A61M 39/26** ( 2006.01 )  
**A61M 39/02** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
**F16L 37/40** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2013341543  
**(72)** Zollinger, Chris  
**(74)** FB Rice Pty Ltd

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**(71)** CASIO COMPUTER CO., LTD.  
**(11)** AU-A-2018202243  
**(21)** 2018202243 **(22)** 29.03.2018  
**(54)** Medical imaging device  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**(31)** 2018-026288 **(32)** 16.02.18 **(33)** JP  
 2017-074362 04.04.17 JP  
**(43)** 18.10.2018  
**(72)** HOUJOU, Yoshiharu; ISHIBASHI, Jumpei; MATSUO, Katsuyuki; AOKI, Nobuhiro  
**(74)** Griffith Hack

**(71)** Caterpillar Inc.  
**(11)** AU-A-2018201778  
**(21)** 2018201778 **(22)** 13.03.2018  
**(54)** RANGING RADIO RELATIVE MACHING POSITIONING SYSTEM AND METHOD  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**G01S 5/02** ( 2010.01 )  
**(31)** 15/473,059 **(32)** 29.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** FRIEND, Paul R.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Caterpillar Inc.  
**(11)** AU-A-2018201859  
**(21)** 2018201859 **(22)** 15.03.2018  
**(54)** OBJECT DETECTION SENSOR ALIGNMENT MONITORING SYSTEM  
**(51)** Int. Cl.  
**G01S 5/00** ( 2006.01 )  
**G05D 3/00** ( 2006.01 )  
**(31)** 15/473,692 **(32)** 30.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** WILLIAMS, Jamin T.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Cayman Chemical Company Incorporated  
**(11)** AU-A-2018233009  
**(21)** 2018233009 **(22)** 21.09.2018  
**(54)** Methods of synthesizing a prostacyclin analog  
**(51)** Int. Cl.  
**C07C 51/347** ( 2006.01 )  
**C07C 205/57** ( 2006.01 )  
**C07D 301/32** ( 2006.01 )  
**C07F 7/18** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2013355130  
**(72)** HERING, Kirk William; CHAMBOURNIER, Gilles; ENDRES, Gregory William; FEDIJ, Victor; KRELL II, Thomas James; MAHMOUD, Hussein Mahmoud  
**(74)** FB Rice Pty Ltd

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**(71)** Celgene Corporation; Washington University  
**(11)** AU-A-2018236696  
**(21)** 2018236696 **(22)** 24.09.2018  
**(54)** Activin-ActRII antagonists and uses for treating bone and other disorders  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**A61K 38/22** ( 2006.01 )  
**A61K 38/27** ( 2006.01 )  
**A61K 38/29** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2013337677  
**(72)** Stevens, Randall; Sung, Victoria; Sloan, Victor Schorr; Smith, William; Fang, Yifu; Hruska, Keith  
**(74)** FB Rice Pty Ltd

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(71) Cellcontrol, Inc.  
 (11) AU-A-2018236865  
 (21) 2018236865 (22) 28.09.2018  
 (54) Driver identification and data collection systems for use with mobile communication devices in vehicles  
 (51) Int. Cl.  
*H04B 1/034* ( 2006.01 )  
*H04B 1/18* ( 2006.01 )  
 (43) 18.10.2018  
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 (72) GUBA, Robert W.; BREAUX III, Joseph E.; KENNEDY, Chad A.  
 (74) Griffith Hack

(71) Collectis  
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 (21) 2018236867 (22) 28.09.2018  
 (54) Methods for engineering allogeneic and immunosuppressive resistant T cell for immunotherapy  
 (51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
 (43) 18.10.2018  
 (62) 2013266733  
 (72) GALETTO, Roman; GOUBLE, Agnes; GROSSE, Stephanie; MANNIOU, Cecile; POIROT, Laurent; SCHARENBERG, Andrew; SMITH, Julianne  
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(71) Channel Medsystems, Inc.  
 (11) AU-A-2018233046  
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 (54) LINER FOR CYROGENIC TREATMENT SYSTEMS  
 (51) Int. Cl.  
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 (62) 2014321567  
 (72) Burnett, Daniel R.; Malecki, William  
 (74) Watermark Intellectual Property Pty Ltd

(71) Chen, J.; Zhou, X.  
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 (54) COLD FIREWORK SPURTING APPARATUS  
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*F42B 4/00* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
 (11) AU-A-2018236899

(21) 2018236899 (22) 01.10.2018  
 (54) Pyrrolopyrimidine compounds used as TLR7 agonist  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
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 (72) Ding, Zhaozhong; Wu, Hao; Sun, Fei; Wu, Lifang; Yang, Ling  
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 (21) 2018236902

(71) Colgate-Palmolive Company  
 (11) AU-A-2018236900  
 (21) 2018236900 (22) 01.10.2018  
 (54) ORAL CARE IMPLEMENT  
 (51) Int. Cl.  
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 (43) 18.10.2018  
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 (72) WAGUESPACK, Kenneth  
 (74) Griffith Hack

(71) Corning Optical Communications LLC  
 (11) AU-A-2018236787  
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 (54) ARMORED OPTICAL FIBER CABLE  
 (51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2014306203  
 (72) Sandate Aguilar, Mario Sergio; Gimblet, Michael John; Greenwood III, Julian Latelle; McAlpine, Warren Welborn  
 (74) Phillips Ormonde Fitzpatrick

(71) Covidien LP  
 (11) AU-A-2018236735  
 (21) 2018236735 (22) 25.09.2018  
 (54) Microwave energy-delivery device and system  
 (51) Int. Cl.  
*A61B 18/18* ( 2006.01 )  
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 (72) BRANNAN, Joseph D.; LADTKOW, Casey M.; PETERSON, Darion R.; LARSON, Eric W.; DICKHANS, William J.; WILLYARD, Richard A.; CASE, Jason A.  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018236798  
 (21) 2018236798 (22) 27.09.2018  
 (54) Vascular device marker attachment  
 (51) Int. Cl.  
*A61F 2/06* ( 2006.01 )

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 (62) 2017200826  
 (72) EPSTEIN, Evan; BROWN, Kenneth  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018236809  
 (21) 2018236809 (22) 27.09.2018  
 (54) Surgical fastener applying apparatus including replaceable cartridge assembly  
 (51) Int. Cl.  
*A61B 17/068* ( 2006.01 )  
*A61B 17/072* ( 2006.01 )  
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*G01R 33/563* ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(54)** Apparatus for controlling fluid flow  
**(51)** Int. Cl.

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**G06F 19/00** ( 2006.01 )  
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AND METHODS FOR MAKING THE SAME  
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**(54)** IMPROVED RADIOPAQUE MARKER FOR VASCULAR DEVICES  
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**(51)** Int. Cl.  
**C08G 18/12** ( 2006.01 )  
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**C08J 9/14** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
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**(11)** AU-A-2018236712  
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**(54)** Interconnection platform for real-time configuration and management of a cloud-based services exchange  
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**G06F 9/50** ( 2006.01 )  
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 (21) 2017279560 (22) 18.12.2017

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*G06Q 50/06* ( 2012.01 )  
*G01F 15/06* ( 2006.01 )  
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*A61B 5/029* ( 2006.01 )  
*A61B 5/145* ( 2006.01 )  
*G01F 1/56* ( 2006.01 )  
*G01R 33/12* ( 2006.01 )  
*H02K 44/08* ( 2006.01 )  
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 (54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid

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*C12Q 1/10* ( 2006.01 )  
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(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid  
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(54) Compositions and methods for detecting gastrointestinal pathogen nucleic acid  
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*C07D 471/14* ( 2006.01 )  
*A61K 31/4995* ( 2006.01 )  
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 (51) Int. Cl.

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*A61K 31/00* ( 2006.01 )  
*A61K 31/166* ( 2006.01 )  
*A61K 31/4164* ( 2006.01 )  
*A61K 31/4178* ( 2006.01 )  
*A61K 31/4196* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
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*A61K 31/4995* ( 2006.01 )  
*A61K 31/553* ( 2006.01 )  
*A61P 31/18* ( 2006.01 )  
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 (51) Int. Cl.

*C07D 487/04* ( 2006.01 )  
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*F03G 7/00* ( 2006.01 )

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 (51) Int. Cl.

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*H02J 15/00* ( 2006.01 )  
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 (51) Int. Cl.

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 (54) Detergent product  
 (51) Int. Cl.

*C11D 17/04* ( 2006.01 )  
*B65D 85/804* ( 2006.01 )

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 (54) Detergent product  
 (51) Int. Cl.

*C11D 17/04* ( 2006.01 )  
*B65D 85/804* ( 2006.01 )

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 (21) 2018236770 (22) 26.09.2018  
 (54) Aqueous detergent compositions  
 (51) Int. Cl.

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*C11D 3/02* ( 2006.01 )  
*C11D 3/22* ( 2006.01 )  
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*A61K 31/4545* ( 2006.01 )  
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 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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 (11) AU-A-2018202232  
 (21) 2018202232 (22) 28.03.2018  
 (54) Perimeter Light Blockout System  
 (51) Int. Cl.  
*E06B 9/24* ( 2006.01 )  
*E06B 9/56* ( 2006.01 )
- (31) 62/479,500 (32) 31.03.17 (33) US  
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 (43) 18.10.2018  
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 (74) Shelston IP Pty Ltd.
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- (71) IBC Pharmaceuticals, Inc.  
 (11) AU-A-2018236844  
 (21) 2018236844 (22) 28.09.2018  
 (54) T-cell redirecting bispecific antibodies for treatment of disease  
 (51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 38/19* ( 2006.01 )  
*A61K 38/21* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61K 47/42* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
*C07K 16/40* ( 2006.01 )
- (43) 18.10.2018  
 (62) 2013302696  
 (72) Chang, Chien-Hsing; Goldenberg, David M.; Rossi, Edmund A.; Rossi, Diane  
 (74) Davies Collision Cave Pty Ltd
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- (71) IDEMIA Identity & Security France  
 (11) AU-A-2018202324  
 (21) 2018202324 (22) 03.04.2018  
 (54) Method for analyzing a structured document likely to be deformed  
 (51) Int. Cl.  
*G06K 9/64* ( 2006.01 )  
*G06K 9/46* ( 2006.01 )  
*G06T 7/11* ( 2017.01 )  
*G07D 7/12* ( 2016.01 )
- (31) 1752725 (32) 30.03.17 (33) FR  
 (43) 18.10.2018  
 (72) Dura, Jérémy Nicolas Laurent; Rostaing, Laurent Patrice; Rouh, Alain  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) inovia Holdings Pty Ltd  
 (11) AU-A-2018236729  
 (21) 2018236729 (22) 25.09.2018  
 (54) Computer system for instructing an intellectual property (IP) filing  
 (51) Int. Cl.  
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*G06Q 50/18* ( 2012.01 )
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 (62) 2012327867  
 (72) Simpson, Justin Ryan; Selvaraj, John Wilfred  
 (74) Shelston IP Pty Ltd.
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- (71) INSERM (Institut National de la Santé et de la Recherche Médicale); Université Claude Bernard - Lyon 1; ENS - Ecole Normale Supérieure de Lyon; Centre National de la Recherche Scientifique (CNRS); EDELIRIS; POXEL  
 (11) AU-A-2018236856  
 (21) 2018236856 (22) 28.09.2018  
 (54) Methods and pharmaceutical compositions for the treatment of hepatitis B virus infection  
 (51) Int. Cl.
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*A61K 31/42* ( 2006.01 )  
*A61K 31/453* ( 2006.01 )  
*A61K 31/575* ( 2006.01 )  
*A61P 31/20* ( 2006.01 )
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 (72) ANDRE, Patrice; LOTTEAU, Vincent; RADREAU, Pauline; GIL-ARDONE, Marine; PATIN, Amaury; ROCHE, Didier; CRAVO, Daniel; HAL-LAKOU-BOZEC, Sophie  
 (74) Spruson & Ferguson
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- (71) Insitu, Inc.  
 (11) AU-A-2018200947  
 (21) 2018200947 (22) 08.02.2018  
 (54) Movable wing for weight and balance management  
 (51) Int. Cl.  
*B64C 3/38* ( 2006.01 )  
*B64C 1/26* ( 2006.01 )
- (31) 15/473,908 (32) 30.03.17 (33) US  
 (43) 18.10.2018  
 (72) GRUBB, Matthew D.; KUNZ, Peter J.; GOODRICH, Wayne D.  
 (74) Spruson & Ferguson
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- (71) Intrexon Corporation  
 (11) AU-A-2018236775  
 (21) 2018236775 (22) 26.09.2018  
 (54) Vectors conditionally expressing therapeutic proteins, host cells comprising the vectors, and uses thereof  
 (51) Int. Cl.  
*C12N 15/00* ( 2006.01 )
- (43) 18.10.2018  
 (62) 2016202426  
 (72) ROETH, Jeremiah F.; REED, Charles C.; CUTHBERTSON, Brandon; CHADA, Sunil; FOGLE, William E.  
 (74) Spruson & Ferguson
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- (71) Ionis Pharmaceuticals, Inc.  
 (11) AU-A-2018236699  
 (21) 2018236699 (22) 24.09.2018  
 (54) METHODS AND COMPOSITIONS FOR MODULATING APOLIPOPROTEIN(A) EXPRESSION  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12P 19/34* ( 2006.01 )
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 (62) 2017200277  
 (72) Freier, Susan M.; Crooke, Rosanne M.; Graham, Mark J.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) James Hardie Technology Limited  
 (11) AU-A-2018202277  
 (21) 2018202277 (22) 29.03.2018  
 (54) Fire resistant building panels  
 (51) Int. Cl.  
*E04B 1/94* ( 2006.01 )

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**B32B 13/02** ( 2006.01 )  
**E04C 2/26** ( 2006.01 )  
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**(43)** 18.10.2018  
**(72)** Parakala, Padmaja; Durant, Andrew;  
 Cottier, John; Tysoe, Mary; Gleeson,  
 James  
**(74)** Shelston IP Pty Ltd.

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**(71)** Janssen Sciences Ireland UC  
**(11)** AU-A-2018236703  
**(21)** 2018236703 **(22)** 24.09.2018  
**(54)** Pyrimidine derivatives for the treatment  
 of viral infections  
**(51)** Int. Cl.  
**C07D 239/48** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
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**C07D 471/04** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2016256732  
**(72)** Mc Gowan, David; Raboisson, Pierre  
 Jean-Marie Bernard; Embrechts, Wern-  
 er; Jonckers, Tim Hugo Maria; Last,  
 Stefaan Julien; Pieters, Serge Maria  
 Aloysius; Vlach, Jaromir  
**(74)** Shelston IP Pty Ltd.

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**(71)** Jay at Play International Hong Kong  
 Limited d/b/a Jay at Play  
**(11)** AU-A-2017279670  
**(21)** 2017279670 **(22)** 20.12.2017  
**(54)** Transformable toy  
**(51)** Int. Cl.  
**A63H 33/00** ( 2006.01 )  
**(31)** 15/477,908 **(32)** 03.04.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** STRAUSS, Ivy Booker  
**(74)** Griffith Hack

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**(71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2018202184  
**(21)** 2018202184 **(22)** 27.03.2018  
**(54)** Methods of improving the activity of ret-  
 inoids  
**(51)** Int. Cl.  
**A61K 31/07** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/58** ( 2017.01 )  
**A61P 17/00** ( 2006.01 )  
**(31)** 15/475,516 **(32)** 31.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** Fevola, Michael James; Kaur, Simarna;  
 Southall, Michael D.; Fassih, Ali  
**(74)** Shelston IP Pty Ltd.

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**(71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2018202186  
**(21)** 2018202186 **(22)** 27.03.2018  
**(54)** Topical compositions comprising retin-  
 oids and low irritation polymeric cleans-  
 ing agents

**(51)** Int. Cl.  
**A61K 31/07** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/58** ( 2017.01 )  
**A61P 17/00** ( 2006.01 )  
**(31)** 15/475,565 **(32)** 31.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** Chang, Michael; Fevola, Michael  
 James; Kaur, Simarna; Southall, Mi-  
 chael D.; Fassih, Ali  
**(74)** Shelston IP Pty Ltd.

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**(71)** Kaleta, M.  
**(11)** AU-A-2017202863  
**(21)** 2017202863 **(22)** 01.05.2017  
**(54)** Drop down dust tray for floor sweeper  
**(51)** Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 11/08** ( 2006.01 )  
**A47L 11/22** ( 2006.01 )  
**(31)** 15/472,955 **(32)** 29.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** Kaleta, Mark  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Kerr Corporation  
**(11)** AU-A-2018202187  
**(21)** 2018202187 **(22)** 27.03.2018  
**(54)** Rotational Alignment of Interchange-  
 able Loupes  
**(51)** Int. Cl.  
**G02B 25/00** ( 2006.01 )  
**G02B 15/02** ( 2006.01 )  
**G02B 23/00** ( 2006.01 )  
**G02C 7/08** ( 2006.01 )  
**(31)** 62/477,558 **(32)** 28.03.17 **(33)** US  
**(43)** 18.10.2018  
**(72)** Lindsey, Thomas R.; Oren, Matthew  
 Christopher; Janardhanam, Ramesh  
**(74)** Spruson & Ferguson

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**(71)** Komatsu Ltd.  
**(11)** AU-A-2017272179  
**(21)** 2017272179 **(22)** 31.03.2017  
**(54)** Control system for work vehicle, meth-  
 od for setting trajectory of work imple-  
 ment, and work vehicle  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(43)** 18.10.2018  
**(72)** Hashimoto, Kazuhiro  
**(74)** Spruson & Ferguson

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**(71)** Komatsu Ltd.  
**(11)** AU-A-2017272278  
**(21)** 2017272278 **(22)** 31.03.2017  
**(54)** Control system for work vehicle, and  
 method for setting trajectory of work im-  
 plement  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(43)** 18.10.2018  
**(72)** Hashimoto, Kazuhiro  
**(74)** Spruson & Ferguson

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**(71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2018202186  
**(21)** 2018202186 **(22)** 27.03.2018  
**(54)** Topical compositions comprising retin-  
 oids and low irritation polymeric cleans-  
 ing agents

**(71)** KT Corporation  
**(11)** AU-A-2018236766  
**(21)** 2018236766 **(22)** 26.09.2018  
**(54)** Method for inducing a merge candidate  
 block and device using same  
**(51)** Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/50** ( 2014.01 )  
**(43)** 18.10.2018  
**(62)** 2016228184  
**(72)** Lee, Bae Keun; Kwon, Jae Cheol; Kim,  
 Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** KT Corporation  
**(11)** AU-A-2018236767  
**(21)** 2018236767 **(22)** 26.09.2018  
**(54)** Method for inducing a merge candidate  
 block and device using same  
**(51)** Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/50** ( 2014.01 )  
**(43)** 18.10.2018  
**(62)** 2016228184  
**(72)** Lee, Bae Keun; Kwon, Jae Cheol; Kim,  
 Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** KT Corporation  
**(11)** AU-A-2018236768  
**(21)** 2018236768 **(22)** 26.09.2018  
**(54)** Method for inducing a merge candidate  
 block and device using same  
**(51)** Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/50** ( 2014.01 )  
**(43)** 18.10.2018  
**(62)** 2016228184  
**(72)** Lee, Bae Keun; Kwon, Jae Cheol; Kim,  
 Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** KT Corporation  
**(11)** AU-A-2018236769  
**(21)** 2018236769 **(22)** 26.09.2018  
**(54)** Method for inducing a merge candidate  
 block and device using same  
**(51)** Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/50** ( 2014.01 )  
**(43)** 18.10.2018  
**(62)** 2016228184  
**(72)** Lee, Bae Keun; Kwon, Jae Cheol; Kim,  
 Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** Laborie Medical Technologies Canada  
 ULC  
**(11)** AU-A-2018236852  
**(21)** 2018236852 **(22)** 28.09.2018  
**(54)** A CATHETER ASSEMBLY  
**(51)** Int. Cl.  
**A61M 25/16** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2014243944  
**(72)** Stimpson, Philip G.  
**(74)** Spruson & Ferguson

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**(21)** 2017202056

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**(71)** LifeCell Corporation  
**(11)** AU-A-2018236910  
**(21)** 2018236910 **(22)** 02.10.2018  
**(54)** Methods of removing alpha-galactose  
**(51)** Int. Cl.

**A61L 27/36** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2014341866  
**(72)** Xu, Hui; Huang, Li Ting; Wan, Hua; Owens, Rick; Bachrach, Nathaniel  
**(74)** Shelston IP Pty Ltd.

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**Ligeti, R. see De Michelis, B.**  
**(21)** 2017202056

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**(71)** Longi Magnet Co.,Ltd.  
**(11)** AU-A-2017301082  
**(21)** 2017301082 **(22)** 22.06.2017  
**(54)** Ore intelligence sorting apparatus and method based on X-rays discernment  
**(51)** Int. Cl.

**B03C 1/00** ( 2006.01 )  
**(31)** 201710193752.8 **(32)** 28.03.17 **(33)** CN  
**(43)** 18.10.2018  
**(72)** Zhang, Chengchen; Li, Zhaopeng; Shi, Yulin; Yang, Shuangfu; Li, Ximing; Ji, Changfu; Liu, Yang; Fan, Mingyuan; Wang, Yuzhu; Xu, Chunye  
**(74)** Shelston IP Pty Ltd.

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**(71)** MACK RIDES GMBH & CO. KG  
**(11)** AU-A-2018236831  
**(21)** 2018236831 **(22)** 28.09.2018  
**(54)** CAR WITH ROTATABLY MOUNTED WHEEL AXLE FOR A FAIRGROUND RIDE AND METHOD FOR CONTROLLING A ROTATABLY MOUNTED WHEEL AXLE OF SUCH A CAR  
**(51)** Int. Cl.

**A63G 7/00** ( 2006.01 )  
**A63G 21/00** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2015239786  
**(72)** KRAUS, Michael  
**(74)** Franke Hyland

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**(71)** Maestrano Pty Ltd.  
**(11)** AU-A-2018236737  
**(21)** 2018236737 **(22)** 25.09.2018  
**(54)** Systems and methods for event driven object management and distribution among multiple client applications  
**(51)** Int. Cl.

**G06F 15/16** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2016234939  
**(72)** LACHAUME, Arnaud  
**(74)** Griffith Hack

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**(71)** Maks Products Pty Ltd  
**(11)** AU-A-2018202229  
**(21)** 2018202229 **(22)** 28.03.2018  
**(54)** Newel post support  
**(51)** Int. Cl.

**E04F 11/022** ( 2006.01 )  
**(31)** 2017901185 **(32)** 31.03.17 **(33)** AU  
**(43)** 18.10.2018  
**(72)** Pilja, Milan  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Massachusetts Eye and Ear Infirmary  
**(11)** AU-A-2018236841  
**(21)** 2018236841 **(22)** 28.09.2018  
**(54)** METHODS AND COMPOSITIONS FOR REGENERATING HAIR CELLS AND/OR SUPPORTING CELLS  
**(51)** Int. Cl.

**A61K 31/195** ( 2006.01 )  
**A61K 38/02** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )

**(43)** 18.10.2018  
**(62)** 2013312305  
**(72)** Chen, Zheng-Yi  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** MasterCard International Incorporated  
**(11)** AU-A-2018236695  
**(21)** 2018236695 **(22)** 24.09.2018  
**(54)** METHOD AND SYSTEM FOR SOCIAL NETWORK INITIATED REWARDS  
**(51)** Int. Cl.

**G06Q 50/30** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )  
**(43)** 18.10.2018  
**(62)** 2013318061  
**(72)** Cooke, Alan; Hosp, Adam Kenneth; Whitney, Stephen; Wheeler, J. Chris; Guiney, Christopher Andrew; Shatzman, Natalie; Grothe Jr., Robert T.  
**(74)** Spruson & Ferguson

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**(71)** MATO GmbH & Co. KG  
**(11)** AU-A-2018202021  
**(21)** 2018202021 **(22)** 21.03.2018  
**(54)** Method for attaching a connector element to a belt end of a conveyor belt  
**(51)** Int. Cl.

**F16G 3/02** ( 2006.01 )  
**B29C 65/56** ( 2006.01 )  
**(31)** 17164157.4 **(32)** 31.03.17 **(33)** EP  
**(43)** 18.10.2018  
**(72)** Herold, Wolfgang  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** MAZE DISTRIBUTION PTY LTD  
**(11)** AU-A-2017202099  
**(21)** 2017202099 **(22)** 29.03.2017  
**(54)** Improved Compost Bin For Indoors  
**(51)** Int. Cl.

**B65F 1/00** ( 2006.01 )

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**(43)** 18.10.2018  
**(72)** Mazor, Ronen  
**(74)** Roger Syn & Co. Patent & Trade Mark Attorneys

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**(71)** MedImmune, LLC  
**(11)** AU-A-2018236849  
**(21)** 2018236849 **(22)** 28.09.2018  
**(54)** METHODS OF TREATING S. AUREUS-ASSOCIATED DISEASES  
**(51)** Int. Cl.

**A61K 39/085** ( 2006.01 )  
**(43)** 18.10.2018  
**(62)** 2013341421  
**(72)** Sellman, Bret; Tkaczyk, Christine; Hua, Lei; Hamilton, Melissa  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Mesoblast, Inc.  
**(11)** AU-A-2018236748  
**(21)** 2018236748 **(22)** 26.09.2018  
**(54)** Method of treating graft versus host disease  
**(51)** Int. Cl.  
**A61K 35/28** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C12N 5/077** ( 2010.01 )  
**C12N 5/0789** ( 2010.01 )  
**(43)** 18.10.2018  
**(62)** 2016219565  
**(72)** Itescu, Silviu; Schuster, Michael David  
**(74)** FB Rice Pty Ltd

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**(71)** Metzke, D.  
**(11)** AU-A-2018202540  
**(21)** 2018202540 **(22)** 11.04.2018  
**(54)** An electric bike with variable modes  
**(51)** Int. Cl.  
**B62M 6/45** ( 2010.01 )  
**B60L 11/18** ( 2006.01 )  
**B60L 15/10** ( 2006.01 )  
**(31)** 2017901194 **(32)** 02.04.17 **(33)** AU  
**(43)** 18.10.2018  
**(72)** Metzke, David  
**(74)** Jennifer Louise Potter

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**(71)** Miles, S.  
**(11)** AU-A-2018202176  
**(21)** 2018202176 **(22)** 27.03.2018  
**(54)** POSITIONING APPARATUS  
**(51)** Int. Cl.  
**B60R 5/04** ( 2006.01 )  
**(31)** 2017901104 **(32)** 28.03.17 **(33)** AU  
**(43)** 18.10.2018  
**(72)** Miles, Shane  
**(74)** Ahearn Fox

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**(71)** Minilifts Incorporated Limited  
**(11)** AU-A-2017204583  
**(21)** 2017204583 **(22)** 05.07.2017  
**(54)** Compact lift  
**(51)** Int. Cl.  
**B66F 11/04** ( 2006.01 )  
**E04G 1/24** ( 2006.01 )  
**(31)** 730722 **(32)** 03.04.17 **(33)** NZ

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 (72) Hamer, Karl Murray; Pearson, Michael David  
 (74) Saunders & Co

(71) Minilifts Incorporated Limited  
 (11) AU-A-2018204585  
 (21) 2018204585 (22) 25.06.2018  
 (54) Compact Lift  
 (51) Int. Cl.  
**B66F 11/04** ( 2006.01 )  
**E04G 1/24** ( 2006.01 )

(43) 18.10.2018  
 (62) 2017204583  
 (72) Hamer, Karl Murray; Pearson, Michael David  
 (74) Saunders & Co

(71) Mitsubishi Electric Corporation  
 (11) AU-A-2018236830  
 (21) 2018236830 (22) 28.09.2018  
 (54) MOBILE COMMUNICATION SYSTEM  
 (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
 (43) 18.10.2018  
 (62) 2016204585  
 (72) MAEDA, Miho; MOCHIZUKI, Mitsuru; SAEGUSA, Taiga; IWANE, Yasushi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) MMA Offshore Limited  
 (11) AU-A-2017221806  
 (21) 2017221806 (22) 30.08.2017  
 (54) Wave Breaker Safety System  
 (51) Int. Cl.  
**E02B 3/04** ( 2006.01 )  
**B63B 69/00** ( 2013.01 )  
**E02B 3/20** ( 2006.01 )  
 (31) 2017901107 (32) 28.03.17 (33) AU  
 (43) 18.10.2018  
 (72) Furlong, Richard; Freedman, Rob; Lamba, Gaganjot  
 (74) WRAYS PTY LTD

(71) Navico Holding AS  
 (11) AU-A-2018202173  
 (21) 2018202173 (22) 27.03.2018  
 (54) CONNECTION AND FEATURES FOR INTERCHANGEABLE NOSECONE FOR A TROLLING MOTOR  
 (51) Int. Cl.  
**B63H 20/02** ( 2006.01 )  
 (31) 62/492,472 (32) 01.05.17 (33) US  
 15/834,464 07.12.17 US  
 62/477,773 28.03.17 US  
 (43) 18.10.2018  
 (72) Burton, Aaron J.; Laster, Matthew; Clark, Jeremiah; Bailey, Paul Robert; Crawford, Christopher Dean  
 (74) AJ PARK

(71) Ng, C.W.  
 (11) AU-A-2017239626  
 (21) 2017239626 (22) 25.04.2017  
 (54) Locking device

(51) Int. Cl.  
**B60R 25/08** ( 2013.01 )  
 (31) PI2017000475 (32) 29.03.17 (33) MY  
 (43) 18.10.2018  
 (72) Ng, Chee Wah  
 (74) Spruson & Ferguson

(71) Nippon Light Metal Company, Ltd.  
 (11) AU-A-2018202844  
 (21) 2018202844 (22) 27.03.2018  
 (54) Dosimeter container and dosage measuring body  
 (51) Int. Cl.  
**G01T 1/00** ( 2006.01 )  
**A61N 5/00** ( 2006.01 )  
 (31) PCT/JP2017/013684 (32) 31.03.17 (33) JP  
 (43) 18.10.2018  
 (72) Usui, Hideaki; Furuya, Hidaka; Takahashi, Maki; Ishikawa, Hidenori  
 (74) Spruson & Ferguson

(71) Nippon Tsusho Kabushiki Kaisha  
 (11) AU-A-2017228595  
 (21) 2017228595 (22) 13.09.2017  
 (54) Belt cleaner  
 (51) Int. Cl.  
**B65G 45/10** ( 2006.01 )  
 (31) 2017-074373 (32) 04.04.17 (33) JP  
 (43) 18.10.2018  
 (72) UCHIDA, Masahiro; FUJISAKI, Nobuyoshi  
 (74) Griffith Hack

(71) Nortek Air Solutions Canada, Inc.  
 (11) AU-A-2018236791  
 (21) 2018236791 (22) 27.09.2018  
 (54) Membrane-integrated energy exchange assembly  
 (51) Int. Cl.  
**F28F 3/08** ( 2006.01 )  
**F24F 12/00** ( 2006.01 )  
**F28F 3/10** ( 2006.01 )  
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 (54) Combination of an ALK inhibitor and a CDK inhibitor for the treatment of cell proliferative diseases  
 (51) Int. Cl.  
**A61K 45/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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 (54) Glutarimide derivatives, use thereof, pharmaceutical composition based thereon and methods for producing glutarimide derivatives

(51) Int. Cl.  
**C07D 401/06** ( 2006.01 )  
**A61K 31/34** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
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**A61K 31/45** ( 2006.01 )  
**A61P 11/02** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/06** ( 2006.01 )  
**C07D 409/06** ( 2006.01 )  
**C07D 413/06** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (54) Clamp System  
 (51) Int. Cl.  
**F16G 11/12** ( 2006.01 )  
**A01K 3/00** ( 2006.01 )  
**E04H 17/02** ( 2006.01 )  
**E04H 17/26** ( 2006.01 )  
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 (74) Griffith Hack

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 (54) Laser eye surgery system  
 (51) Int. Cl.  
**A61F 9/008** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (74) FPA Patent Attorneys Pty Ltd

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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Animation for representing elevator car movement  
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**B66B 3/00** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2018202212 (22) 28.03.2018  
 (54) Elevator service request using user device with app-retained floor pairs  
 (51) Int. Cl.  
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 (54) Passenger-initiated dynamic elevator service request  
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**B66B 5/00** ( 2006.01 )  
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 (54) User management of door and elevator access control  
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**G07C 9/00** ( 2006.01 )  
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 (54) Multi-target dynamic UI action element  
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**G07C 9/00** ( 2006.01 )  
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 (54) Method of automated testing for an el-evator safety brake system and elevat-or brake testing system  
 (51) Int. Cl.  
**B66B 5/00** ( 2006.01 )  
**G01L 25/00** ( 2006.01 )  
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 (54) Elevator belt with additive layer  
 (51) Int. Cl.  
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 (54) Components for Masonry Construction  
 (51) Int. Cl.  
**E04C 2/34** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
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**E04B 2/28** ( 2006.01 )  
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**F42B 39/26** ( 2006.01 )  
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 (54) Fasteners and wall assemblies  
 (51) Int. Cl.  
*E04B 2/72* ( 2006.01 )  
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(71) Rain Bird Corporation  
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 (54) Rotary strip nozzles  
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 (72) WALKER, Samuel C.; BELONGIA,  
 David Charles; ADDINK, Jason;  
 MILLER, Andrew P.  
 (74) Spruson & Ferguson

(71) Read, D.  
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 master and slave modules for panel  
 mounting  
 (51) Int. Cl.  
*H02S 20/32* ( 2014.01 )  
*F24S 30/20* ( 2018.01 )  
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 SYSTEM AND METHOD OF DISTRIB-  
 UTING ENERGY  
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*H02J 3/28* ( 2006.01 )  
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 Bellei, Terrence; Sember, James W.;  
 Williams, Stephen; Walker, Thomas  
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(71) Safe Foods Corporation  
 (11) AU-A-2018236773  
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 (54) Antimicrobial application system with  
 recycle and capture  
 (51) Int. Cl.  
*C02F 1/46* ( 2006.01 )  
*B01D 63/06* ( 2006.01 )  
*B01D 71/02* ( 2006.01 )

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 NOLEN, Gary; BEERS, Kelly;  
 RHEINGANS, Joe  
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(71) Samsung Electronics Co., Ltd.  
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 (54) AUDIO PROVIDING APPARATUS AND  
 AUDIO PROVIDING METHOD  
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*H04S 7/00* ( 2006.01 )

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 (54) Gardening device for soil cultivation  
 and sowing or planting method with the  
 help of such a gardening device  
 (51) Int. Cl.

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*A01C 21/00* ( 2006.01 )  
*G01N 27/30* ( 2006.01 )  
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 METHOD THEREFOR  
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*E02D 29/02* ( 2006.01 )  
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 power distribution to adjacent outputs  
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 containing liquid and being sealed at  
 constant intervals and apparatus for  
 producing polymer tube  
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*B29C 47/26* ( 2006.01 )  
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 Naruse, Masahiko  
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 (54) SYSTEMS AND METHODS FOR EN-  
 ERGY MANAGEMENT AND DEVICE  
 AUTOMATION SYSTEM  
 (51) Int. Cl.  
*H02J 13/00* ( 2006.01 )

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 (54) METHOD, SYSTEM AND CONTROLLER FOR PROVIDING GOODS AND/OR SERVICES TO CONSUMERS  
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 E04D 3/36 ( 2006.01 )
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 A01N 43/84 ( 2006.01 )

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 (54) AUTOMATED SYSTEM FOR MAINTENANCE AND DIFFERENTIATION OF PLURIPOTENT STEM CELLS  
 (51) Int. Cl.  
 C12M 1/36 ( 2006.01 )  
 C12M 1/22 ( 2006.01 )  
 C12M 3/00 ( 2006.01 )

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 (72) Pebay, Alice; Crombie, Duncan; Hewitt, Alex; Liang, Helena; Wong, Raymond; Daniszewski, Maciej; Zalivani, Marco  
 (74) Phillips Ormonde Fitzpatrick

(71) Texas Heart Institute  
 (11) AU-A-2018236756  
 (21) 2018236756 (22) 26.09.2018  
 (54) AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS  
 (51) Int. Cl.  
*C07D 409/12* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2017201804  
 (72) Biediger, Ronald J.; Gundlach IV, C. William; Market, Robert V.; Savage, Michael M.; Vanderslice, Peter  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Texas Heart Institute  
 (11) AU-A-2018236763  
 (21) 2018236763 (22) 26.09.2018  
 (54) AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS  
 (51) Int. Cl.  
*C07D 409/12* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2017201804  
 (72) Biediger, Ronald J.; Gundlach IV, C. William; Market, Robert V.; Savage, Michael M.; Vanderslice, Peter  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Board of Trustees of the Leland Stanford Junior University  
 (11) AU-A-2018236684  
 (21) 2018236684 (22) 24.09.2018  
 (54) SYSTEMS AND METHODS FOR TREATMENT OF DRY EYE  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2017204067  
 (72) Ackermann, Douglas Michael; Palanker, Daniel; Loudin, James; Smith, Garrett Cale; Cray, Victor Wayne; Felkins, Brandon Menary  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Boeing Company  
 (11) AU-A-2018201051  
 (21) 2018201051 (22) 13.02.2018  
 (54) Aircraft flight path holding pattern system and method  
 (51) Int. Cl.  
*G08G 5/00* ( 2006.01 )  
 (31) 15/475,260 (32) 31.03.17 (33) US

(43) 18.10.2018  
 (72) SCHWARTZ, Samantha A.; PARRA, Garoe Gonzales; KARWAN, Adam; ZADROGA, Marcin  
 (74) Spruson & Ferguson

(71) The Boots Company plc  
 (11) AU-A-2018236734  
 (21) 2018236734 (22) 25.09.2018  
 (54) Method of selecting the colour of cosmetic products  
 (51) Int. Cl.  
*A45D 44/00* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2015294657  
 (72) WATSON, Joanne  
 (74) Griffith Hack

THE GENERAL HOSPITAL CORPORATION  
 see PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
 (21) 2018236902

(71) The Raymond Corporation  
 (11) AU-A-2018202306  
 (21) 2018202306 (22) 31.03.2018  
 (54) Extendable Mast Systems And Methods For A Material Handling Vehicle  
 (51) Int. Cl.  
*B66F 9/08* ( 2006.01 )  
*B66F 9/20* ( 2006.01 )  
 (31) 62/478,989 (32) 30.03.17 (33) US  
 (43) 18.10.2018  
 (72) Howe, David B.  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Regents of The University of California  
 (11) AU-A-2018236725  
 (21) 2018236725 (22) 25.09.2018  
 (54) Adeno-associated virus virions with variant capsid and methods of use thereof  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2016273850  
 (72) Schaffer, David V.; Klimczak, Ryan R.; Koerber, James T.; Flannery, John G.; Dalkara Mourot, Deniz; Visel, Meike; Byrne, Leah C.T.  
 (74) FB Rice Pty Ltd

The University of York see Sun Pharmaceutical Industries Australia Limited  
 (21) 2018236901

(71) TMJ Orthopaedics Pty Ltd  
 (11) AU-A-2018201770  
 (21) 2018201770 (22) 13.03.2018  
 (54) An auricular prosthetic implant for the attachment of a prosthetic ear and a method for the patient specific custom-

isation, manufacture and placement thereof  
 (51) Int. Cl.  
*A61F 2/02* ( 2006.01 )  
 (31) 2017901174 (32) 31.03.17 (33) AU  
 (43) 18.10.2018  
 (72) Dimitroulis, George  
 (74) Actuate Patents

(71) Toyota Jidosha Kabushiki Kaisha  
 (11) AU-A-2018202181  
 (21) 2018202181 (22) 27.03.2018  
 (54) Exhaust gas control system and exhaust gas control method for hybrid vehicle  
 (51) Int. Cl.  
*F02D 43/00* ( 2006.01 )  
*B60W 20/16* ( 2016.01 )  
*F01N 9/00* ( 2006.01 )  
 (31) 2017-065558 (32) 29.03.17 (33) JP  
 (43) 18.10.2018  
 (72) FUKUDA, Koichiro  
 (74) Spruson & Ferguson

(71) TRISTAR INDUSTRIES PTY LTD  
 (11) AU-A-2018202268  
 (21) 2018202268 (22) 29.03.2018  
 (54) A MATERIAL CONTAINABLE TRAILER TARP HOOD OPEN AND CLOSE GUIDE ARRANGEMENT  
 (51) Int. Cl.  
*B62D 63/08* ( 2006.01 )  
*B60P 7/04* ( 2006.01 )  
 (31) 2017901200 (32) 03.04.17 (33) AU  
 (43) 18.10.2018  
 (72) Chambers, Brett  
 (74) Collison & Co

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
 (11) AU-A-2018202180  
 (21) 2018202180 (22) 27.03.2018  
 (54) Master battery, slave battery, and battery kit  
 (51) Int. Cl.  
*H01M 2/02* ( 2006.01 )  
*H01M 2/10* ( 2006.01 )  
*H01M 2/20* ( 2006.01 )  
*H01M 10/00* ( 2006.01 )  
 (31) 201720333448.4 (32) 31.03.17 (33) MO  
 (43) 18.10.2018  
 (72) LI, Yong Min; ZHUANG, Ming Jun; ZHAO, Jiang  
 (74) Griffith Hack

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
 (11) AU-A-2018202292  
 (21) 2018202292 (22) 29.03.2018  
 (54) Belt clip for power tool  
 (51) Int. Cl.  
*B25F 5/00* ( 2006.01 )  
*B25C 7/00* ( 2006.01 )  
 (31) 62/581,106 (32) 03.11.17 (33) US  
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 (72) WOODHAMS, Todd Eric; XIONG, Mo Bo  
 (74) Griffith Hack

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(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED  
 (11) AU-A-2018202322  
 (21) 2018202322 (22) 03.04.2018  
 (54) Drain cleaner with drum exchange mechanism  
 (51) Int. Cl.  
*E03C 1/30* ( 2006.01 )  
*B08B 9/04* ( 2006.01 )  
 (31) 15/478,574 (32) 04.04.17 (33) US  
 (43) 18.10.2018  
 (72) PLEASANTS, Parke  
 (74) Griffith Hack

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(71) Unified Brands, Inc.  
 (11) AU-A-2018236823  
 (21) 2018236823 (22) 27.09.2018  
 (54) Fluid flow structure and method of use for continuous motion washing machine  
 (51) Int. Cl.  
*A47L 15/00* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2016244318  
 (72) CANTRELL, John; CHURCHILL, Mark; LICATA, Michael; GAST, David; HUIS-ENGA, Joshua; McCREIGHT, John; LONDON, Byron  
 (74) FB Rice Pty Ltd

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(71) UNISYS CORPORATION  
 (11) AU-A-2018236850  
 (21) 2018236850 (22) 28.09.2018  
 (54) STORAGE AND RETRIEVAL OF CRYPTOGRAPHICALLY-SPLIT DATA BLOCKS TO/FROM MULTIPLE STORAGE DEVICES  
 (51) Int. Cl.  
*G06F 21/00* ( 2006.01 )  
*H04L 9/08* ( 2006.01 )  
*H04L 29/06* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2016210716  
 (72) Dodgson, David; Neill, Joseph; Farina, Ralph R.; Chin, Edward; French, Albert; Summers, Scott  
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(71) UNISYS CORPORATION  
 (11) AU-A-2018236853  
 (21) 2018236853 (22) 28.09.2018  
 (54) STORAGE SECURITY USING CRYPTOGRAPHIC SPLITTING  
 (51) Int. Cl.  
*G06F 12/14* ( 2006.01 )  
*G06F 12/08* ( 2006.01 )  
*G06F 21/62* ( 2013.01 )  
*G06F 21/78* ( 2013.01 )  
*H04L 9/08* ( 2006.01 )  
*H04L 29/06* ( 2006.01 )

(43) 18.10.2018  
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 (72) Dodgson, David; Neill, Joseph; Farina, Ralph R.; Chin, Edward; French, Albert; Summers, Scott; Johnson, Robert  
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Université Claude Bernard - Lyon 1 see INSERM (Institut National de la Santé et de la Recherche Médicale)  
 (21) 2018236856

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(71) University of Louisville Research Foundation, Inc.  
 (11) AU-A-2018236876  
 (21) 2018236876 (22) 28.09.2018  
 (54) Methods for detecting cancer  
 (51) Int. Cl.  
*G01N 33/92* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2016213855  
 (72) Fan, Teresa Whei-mei; Lane, Andrew Nicholas; Higashi, Richard M.; Bousamra, Michael  
 (74) Shelston IP Pty Ltd.

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(71) University of Virginia Patent Foundation  
 (11) AU-A-2018236794  
 (21) 2018236794 (22) 27.09.2018  
 (54) Improved accuracy continuous glucose monitoring method, system, and device  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*G06F 19/00* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2015301454  
 (72) Facchinetti, Andrea; Sparacino, Giovanni; Cobelli, Claudio; Kovatchev, Boris P.  
 (74) Watermark Intellectual Property Pty Ltd

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University of Zurich see Synthes GmbH  
 (21) 2018236785

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(71) UPL Limited  
 (11) AU-A-2018236834  
 (21) 2018236834 (22) 28.09.2018  
 (54) A method for controlling rust  
 (51) Int. Cl.  
*A01N 37/44* ( 2006.01 )  
*A01N 37/34* ( 2006.01 )  
*A01N 43/54* ( 2006.01 )  
*A01N 43/653* ( 2006.01 )  
*A01P 3/00* ( 2006.01 )  
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 (72) de Oliveira, Gilson Aparecido Hermenegildo; Shroff, Jaidev Rajnikant; Shroff, Vikram Rajnikant  
 (74) Shelston IP Pty Ltd.

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(71) Urban Fringe Entertainment Pty Ltd  
 (11) AU-A-2018202087  
 (21) 2018202087 (22) 23.03.2018

(54) AN ATTRACTION FOR AN ADVENTURE PARK OR FOR ENTERTAINMENT  
 (51) Int. Cl.  
*A63G 33/00* ( 2006.01 )  
*A63F 9/02* ( 2006.01 )  
 (31) 2017901122 (32) 29.03.17 (33) AU  
 (43) 18.10.2018  
 (72) LAIDLAW, Andrew William; ALDERSEY, Richard Justin Boyd  
 (74) Adams Pluck

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(71) Viega Technology GmbH & Co. KG  
 (11) AU-A-2018202127  
 (21) 2018202127 (22) 26.03.2018  
 (54) Pressing means for pressing a fitting  
 (51) Int. Cl.  
*F16L 19/04* ( 2006.01 )  
*F16L 13/14* ( 2006.01 )  
*F16L 19/08* ( 2006.01 )  
 (31) 10 2017 106 744.2 (32) 29.03.17 (33) DE  
 (43) 18.10.2018  
 (72) MESTER, Reiner; ROSENTHAL, Jörg; DASBACH, Phillipp  
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(71) Visa International Service Association  
 (11) AU-A-2018236802  
 (21) 2018236802 (22) 27.09.2018  
 (54) OVER THE AIR UPDATE OF PAYMENT TRANSACTION DATA STORED IN SECURE MEMORY  
 (51) Int. Cl.  
*G06Q 20/00* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2016213707  
 (72) Aabye, Christian; Ngo, Hao; Wilson, David; Zeiden, Gustavo; Pitchford, Chris; Pirzadeh, Kiushan  
 (74) Phillips Ormonde Fitzpatrick

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(71) Wahl Clipper Corporation  
 (11) AU-A-2018201745  
 (21) 2018201745 (22) 09.03.2018  
 (54) Vacuum Systems for Hair Clippers  
 (51) Int. Cl.  
*B26B 19/02* ( 2006.01 )  
*A47L 7/00* ( 2006.01 )  
*B26B 19/38* ( 2006.01 )  
 (31) 15/474,742 (32) 30.03.17 (33) US  
 (43) 18.10.2018  
 (72) Snow, Gary  
 (74) Spruson & Ferguson

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Washington University see Celgene Corporation  
 (21) 2018236696

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(71) Weatherford Technology Holdings, LLC  
 (11) AU-A-2018236804  
 (21) 2018236804 (22) 27.09.2018  
 (54) POWER SUPPLY FOR A TOP DRIVE  
 (51) Int. Cl.  
*E21B 3/02* ( 2006.01 )

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 (62) 2017200371  
 (72) AMEZAGA, Federico; WERN, Frank  
 (74) IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

(71) Welspun Flooring Limited  
 (11) AU-A-2018202293  
 (21) 2018202293 (22) 29.03.2018  
 (54) MANUFACTURE OF BI-COMPONENT  
 CONTINUOUS FILAMENTS AND ART-  
 ICLES MADE THEREFROM  
 (51) Int. Cl.  
*D01F 8/06* ( 2006.01 )  
*D01F 1/06* ( 2006.01 )  
*D01F 1/10* ( 2006.01 )  
*D06M 17/06* ( 2006.01 )  
 (31) 201721011143 (32) 29.03.17 (33) IN  
 (43) 18.10.2018  
 (72) Goenka, Dipali; Haldar, Utpal  
 (74) Phillips Ormonde Fitzpatrick

(71) Workplace Access & Safety Pty Ltd  
 (11) AU-A-2018236829  
 (21) 2018236829 (22) 28.09.2018  
 (54) Step Feature  
 (51) Int. Cl.  
*E04F 11/104* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2014259575  
 (72) Sachs, Carl; Carratello, John; Heit-  
 mann, Lee  
 (74) Freshwater IP

(71) Wyeth LLC  
 (11) AU-A-2018236821  
 (21) 2018236821 (22) 27.09.2018  
 (54) Designer osteogenic proteins  
 (51) Int. Cl.  
*C07K 14/51* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
 (43) 18.10.2018  
 (62) 2017200239  
 (72) Berasi, Stephen Peter; Brown, Chris-  
 topher Todd; Cain, Michael John; Ca-  
 labro, Valerie Perrine; Juo, Zong Sean;  
 Martinez, Robert Vincent Paul; Seeher-  
 man, Howard Joel; Wozney, John Mar-  
 tin  
 (74) Shelston IP Pty Ltd.

(71) XPED Holdings Pty Ltd  
 (11) AU-A-2017202197  
 (21) 2017202197 (22) 03.04.2017  
 (54) AN ARRANGEMENT FOR MAN-  
 AGING WIRELESS COMMUNICATION  
 BETWEEN DEVICES  
 (51) Int. Cl.  
*H04W 8/24* ( 2009.01 )  
*H04B 5/00* ( 2006.01 )  
*H04W 8/00* ( 2009.01 )  
 (43) 18.10.2018  
 (61) 2016201943  
 (72) Schultz, John Colin; Wood, Christopher;  
 Carrig, Philip  
 (74) Madderns Patent & Trade Mark Attor-  
 neys

(71) Yiwu Jingkai Machinery Equipment Co.,  
 Ltd.  
 (11) AU-A-2018226480  
 (21) 2018226480 (22) 06.09.2018  
 (54) A Biomedical Grinding Equipment  
 (51) Int. Cl.  
*B02C 18/06* ( 2006.01 )  
*B02C 18/18* ( 2006.01 )  
 (31) 2018100326254 (32) 12.01.18 (33) CN  
 (43) 18.10.2018  
 (72) Ma, Haoxiao  
 (74) Yiwu Jingkai Machinery Equipment Co.,  
 Ltd.

Zhou, X. see Chen, J.  
 (21) 2018236816

(71) Zoetic Development Group Pty Ltd  
 (11) AU-A-2018202298  
 (21) 2018202298 (22) 29.03.2018  
 (54) A sheet for fitting over a mattress  
 (51) Int. Cl.  
*A47G 9/02* ( 2006.01 )  
 (31) 2017901150 (32) 30.03.17 (33) AU  
 (43) 18.10.2018  
 (72) Webb, Vivienne Leigh; Webb, Damien  
 Peter  
 (74) Michael Buck IP

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2017202035	Rotobrac Limited	2018202202	Shin-Etsu Chemical Co., Ltd.
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2017202097	Scholes, J.	2018202209	EUROIMMUN Medizinische Labordiagnostika AG
2017202099	MAZE DISTRIBUTION PTY LTD	2018202212	Otis Elevator Company
2017202118	Purifas Holdings Pty Ltd	2018202214	CSR Building Products Limited
2017202137	Gorr Pty Limited	2018202220	Bombardier Transportation GmbH
2017202197	XPED Holdings Pty Ltd	2018202224	Hodge, R.
2017202224	Tecan Trading AG	2018202226	Brookvale Industrial Maintenance Pty Ltd
2017202863	Kaleta, M.	2018202229	Maks Products Pty Ltd
2017204283	Dragontail Systems Ltd.	2018202232	Hunter Douglas Inc.
2017204583	Minilifts Incorporated Limited	2018202242	Stainless Design Limited
2017221806	MMA Offshore Limited	2018202243	CASIO COMPUTER CO., LTD.
2017228595	Nippon Tsusho Kabushiki Kaisha	2018202253	Henkel AG & Co. KGaA
2017239626	Ng, C.W.	2018202254	Henkel AG & Co. KGaA
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2017272278	Komatsu Ltd.	2018202265	Otis Elevator Company
2017272290	TDW Delaware, Inc.	2018202266	Otis Elevator Company
2017279560	Fujian Mindong Electric Corp., Ltd.	2018202268	TRISTAR INDUSTRIES PTY LTD
2017279582	Fujian Mindong Electric Corp., Ltd.	2018202277	James Hardie Technology Limited
2017279584	Fujian Mindong Electric Corp., Ltd.	2018202285	Angel Playing Cards Co., Ltd.
2017279670	Jay at Play International Hong Kong Limited d/b/a Jay at Play	2018202288	Stramit Corporation Pty Limited
2017301082	Longi Magnet Co.,Ltd.	2018202292	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2017338251	Granger, M.	2018202293	Welspun Flooring Limited
2017395127	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2018202298	Zoetic Development Group Pty Ltd
2018200877	Accenture Global Solutions Limited	2018202305	Alexander, S.
2018200924	Everlight Electronics Co., Ltd.	2018202306	The Raymond Corporation
2018200947	Insitu, Inc.	2018202322	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018201051	The Boeing Company	2018202324	IDEMIA Identity & Security France
2018201255	ArvinMeritor Technology, LLC	2018202325	Otis Elevator Company
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2018201745	Wahl Clipper Corporation	2018202844	Nippon Light Metal Company, Ltd.
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2018201843	Rain Bird Corporation	2018233009	Cayman Chemical Company Incorporated
2018201859	Caterpillar Inc.	2018233046	Channel Medsystems, Inc.
2018201892	Fujitsu Limited	2018236684	The Board of Trustees of the Leland Stanford Junior University
2018201949	Biosense Webster (Israel) Ltd.	2018236694	Samsung Electronics Co., Ltd.
2018201951	Biosense Webster (Israel) Ltd.	2018236695	MasterCard International Incorporated
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2018202099	Apollo Motorhome Holidays Pty Ltd	2018236719	Gilead Sciences, Inc.
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2018202166	Accenture Global Solutions Limited	2018236729	inovia Holdings Pty Ltd
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2018202176	Miles, S.	2018236731	Gilead Sciences, Inc.
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2018202181	Toyota Jidosha Kabushiki Kaisha	2018236734	The Boots Company plc
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2018236757	Dolby International AB	2018236878	Tableau Software, Inc.
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2018236763	Texas Heart Institute	2018236899	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
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2018236766	KT Corporation	2018236901	Sun Pharmaceutical Industries Australia Limited; The University of York
2018236767	KT Corporation	2018236902	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; THE GENERAL HOSPITAL CORPORATION; CHILDREN'S MEDICAL CENTER CORPORATION
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2018236773	Safe Foods Corporation		
2018236775	Intrexon Corporation		
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2018236781	Board of Regents, The University of Texas System		
2018236782	Pentablock Pty Ltd		
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2018236791	Nortek Air Solutions Canada, Inc.		
2018236792	Sedic, F.		
2018236794	University of Virginia Patent Foundation		
2018236798	Covidien LP		
2018236799	Optimedica Corporation		
2018236802	Visa International Service Association		
2018236804	Weatherford Technology Holdings, LLC		
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2018236808	Aristocrat Technologies Australia Pty Limited		
2018236809	Covidien LP		
2018236813	Novartis AG		
2018236814	Depuy Synthes Products, LLC		
2018236815	Sumitomo Chemical Company Limited		
2018236816	Chen, J.; Zhou, X.		
2018236818	Gravity Power LLC		
2018236820	Boston Scientific Neuromodulation Corporation		
2018236821	Wyeth LLC		
2018236823	Unified Brands, Inc.		
2018236824	Gilead Sciences, Inc.		
2018236826	Gilead Sciences, Inc.		
2018236828	SIMI CONNECT LIMITED		
2018236829	Workplace Access & Safety Pty Ltd		
2018236830	Mitsubishi Electric Corporation		
2018236831	MACK RIDES GMBH & CO. KG		
2018236832	PlastPack Defence ApS		
2018236833	Cantor G&W (Nevada), L.P.		
2018236834	UPL Limited		
2018236835	Gen-Probe Incorporated		
2018236838	Gen-Probe Incorporated		
2018236841	Massachusetts Eye and Ear Infirmary		
2018236842	Gen-Probe Incorporated		
2018236844	IBC Pharmaceuticals, Inc.		
2018236849	MedImmune, LLC		
2018236850	UNISYS CORPORATION		
2018236852	Laborie Medical Technologies Canada ULC		
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2018236854	Howmedica Osteonics Corp.		
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2018236864	Placon Therapeutics, Inc.		
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. (\*) Title not in Roman characters  
 . (\*\*) Title not given  
 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

<hr/> <p><b>Abu Shanab, N. see WHOLESAL GROUP INTERNATIONAL PTY. LTD.</b>                      (21) 2018101359</p> <hr/> <p><b>Alpha Z Solar &amp; Technology Pty Ltd see zhang, X.</b>                      (21) 2018101282</p> <hr/> <p>(71) AUSSIE FOOD TO YOU PTY LTD                      (11) AU-A-2018101306                      (21) 2018101306 (22) 06.09.2018                      (54) Long Range Milk Transport with Real Time Tracking                      (51) Int. Cl.  <i>G06Q 50/02</i> ( 2012.01 )  <i>A23L 3/3418</i> ( 2006.01 )  <i>G06Q 50/30</i> ( 2012.01 )  <i>H04L 29/12</i> ( 2006.01 )                      (31) 2018901637 (32) 14.05.18 (33) AU                      (45) 18.10.2018                      (72) Askew, Peter                      (74) AUSSIE FOOD TO YOU PTY LTD</p> <hr/> <p>(71) Australian Nuclear Science and Technology Organisation                      (11) AU-A-2018101344                      (21) 2018101344 (22) 13.09.2018                      (54) Method of eluting an anion exchange resin loaded with uranium                      (51) Int. Cl.  <i>C22B 60/02</i> ( 2006.01 )  <i>B01J 41/00</i> ( 2006.01 )  <i>B01J 41/05</i> ( 2017.01 )  <i>B01J 41/08</i> ( 2017.01 )  <i>B01J 41/20</i> ( 2006.01 )  <i>B01J 49/60</i> ( 2017.01 )  <i>C22B 3/42</i> ( 2006.01 )                      (45) 18.10.2018                      (72) Quinn, James                      (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) BAL, S.S.                      (11) AU-A-2018101041                      (21) 2018101041 (22) 27.07.2018                      (54) MULTI-PURPOSE INSTANT CHILLER-HEATER APPARATUS                      (51) Int. Cl.  <i>F28D 20/00</i> ( 2006.01 )                      (45) 18.10.2018                      (72) BAL, SARANDEV SINGH                      (74) MOHAN MURALI KODIVEL</p> <hr/> <p>(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd.                      (11) AU-A-2018101363                      (21) 2018101363 (22) 17.09.2018</p>	<p>(54) Self-Powered Heating Assembly                      (51) Int. Cl.  <i>H01L 23/34</i> ( 2006.01 )  <i>H01L 31/04</i> ( 2014.01 )  <i>H02S 40/44</i> ( 2014.01 )                      (31) 201721563358.0 (32) 21.11.17 (33) CN                      (45) 18.10.2018                      (72) WANG, Yunfang; HUO, Yanyin; DAI, Fengyu; CAO, Zhifeng                      (74) WRAYS PTY LTD</p> <hr/> <p>(71) Biggin Pty Ltd                      (11) AU-A-2018101345                      (21) 2018101345 (22) 13.09.2018                      (54) A feeder assembly                      (51) Int. Cl.  <i>A01K 39/01</i> ( 2006.01 )  <i>A01K 39/02</i> ( 2006.01 )                      (45) 18.10.2018                      (62) 2015327763                      (72) Biggin, Ryan                      (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Both Barrels Pty Ltd                      (11) AU-A-2018101312                      (21) 2018101312 (22) 06.09.2018                      (54) AUXILIARY LIGHTING SYSTEM FOR A DETACHABLE VEHICLE TRAILER                      (51) Int. Cl.  <i>B60Q 1/26</i> ( 2006.01 )                      (31) 2017903584 (32) 05.09.17 (33) AU                      (45) 18.10.2018                      (72) ALTMANN, Peter Wayne; HAMILTON, Adrian                      (74) Elliptic Legal &amp; Patent Services</p> <hr/> <p>(71) Bozjo Products                      (11) AU-A-2018101354                      (21) 2018101354 (22) 14.09.2018                      (54) Method of treatment                      (51) Int. 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Cl.  <i>B42D 15/02</i> ( 2006.01 )                      (45) 18.10.2018                      (72) Kelsall, Taryn                      (74) Cally and Claire Pty Ltd</p> <hr/> <p>(71) Chengdu University of Information Technology                      (11) AU-A-2018101351                      (21) 2018101351 (22) 14.09.2018                      (54) Multi-source Data Acquisition System Integrated with Multiple Automobile Production Workshops                      (51) Int. Cl.  <i>G08B 19/00</i> ( 2006.01 )                      (31) 2018202583732 (32) 12.02.18 (33) CN                      (45) 18.10.2018                      (72) LI, Binyong; QIAO, Shaojie; DU, Zeyan; HUANG, Lang; XIONG, Xi; YAO, Yao; GAO, Jiaqi; LIAO, Huaikai; QI, Jiaxin; YAN, Zecheng                      (74) A.P.T. Patent and Trade Mark Attorneys</p> <hr/> <p>(71) Chengdu University of Information Technology                      (11) AU-A-2018101352                      (21) 2018101352 (22) 14.09.2018                      (54) Multi-source Data Acquisition System and Real-Time Analysis System Based on Cloud Platform                      (51) Int. Cl.  <i>G06F 17/40</i> ( 2006.01 )  <i>H04L 12/66</i> ( 2006.01 )                      (31) 2018202546822 (32) 12.02.18 (33) CN                      (45) 18.10.2018                      (72) LI, Binyong; DU, Zeyan; QIAO, Shaojie; HUANG, Lang; XIONG, Xi; YAO, Yao; GAO, Jiaqi; LIAO, Huaikai; QI, Jiaxin; YAN, Zecheng                      (74) A.P.T. Patent and Trade Mark Attorneys</p> <hr/> <p><b>Cichello, S. see WHOLESAL GROUP INTERNATIONAL PTY. LTD.</b>                      (21) 2018101359</p> <hr/> <p>(71) Commercial Property Guide Pty Ltd                      (11) AU-A-2018101348                      (21) 2018101348 (22) 14.09.2018                      (54) THE COMMERCIAL PROPERTY ASKING PRICE INDEX                      (51) Int. Cl.  <i>G06Q 50/16</i> ( 2012.01 )                      (45) 18.10.2018                      (72) Rose, Stephen                      (74) Commercial Property Guide Pty Ltd</p>
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**DENG, J. see ZHOU, T.**  
(21) 2018101335

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(71) Evolution Surgical Pty Limited  
(11) AU-A-2018101347  
(21) 2018101347 (22) 13.09.2018  
(54) Cervical locking cage  
(51) Int. Cl.  
A61F 2/44 ( 2006.01 )  
(31) 2017903888 (32) 25.09.17 (33) AU  
(45) 18.10.2018  
(72) Burne, Andrew  
(74) Davies Collison Cave Pty Ltd

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(71) FACET STUDIO PTY LTD  
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(54) Visualisation-Enabling POS System  
(51) Int. Cl.  
G06Q 30/02 ( 2012.01 )  
G07G 1/00 ( 2006.01 )  
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(74) FACET STUDIO PTY LTD

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(71) Focus Valves Pty Ltd  
(11) AU-A-2018101369  
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(54) VENT VALVE, VENT VALE INSERT AND METHOD OF OPERATION OF A VENT VALVE  
(51) Int. Cl.  
F16L 55/07 ( 2006.01 )  
F16K 24/04 ( 2006.01 )  
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(74) Watermark Intellectual Property Pty Ltd

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(71) Guangdong Jiyu Porcelain Corp., Ltd.  
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(54) Ceramic Teacup Convenient for Brewing Tea  
(51) Int. Cl.  
A47G 19/22 ( 2006.01 )  
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(72) ZHONG, Zhenchang  
(74) A.P.T. Patent and Trade Mark Attorneys

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(71) Hangzhou Siwenke Technology Co., Ltd.  
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A47B 88/50 ( 2017.01 )  
B25G 3/00 ( 2006.01 )

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(74) Madderns Patent & Trade Mark Attorneys

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(54) Synthesis of Rh-Cu Nanozyme and Application for the Detection of Ascorbic Acid and Tannic Acid  
(51) Int. Cl.  
G01N 21/78 ( 2006.01 )  
B82B 3/00 ( 2006.01 )  
B82Y 5/00 ( 2011.01 )  
C22C 5/04 ( 2006.01 )  
C22C 9/00 ( 2006.01 )  
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(72) HU, SHICHENG; HUANG, JIASHU; LI, AOLING; LI, FEIFAN; LI, PEILUN; WANG, HONG  
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(21) 2018101335

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(21) 2018101303

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(54) ORAL COMPOSITIONS AND METHODS FOR AFFECTING MAMMALIAN OFFSPRING  
(51) Int. Cl.  
A23K 10/30 ( 2016.01 )  
A23K 20/163 ( 2016.01 )  
A23K 50/30 ( 2016.01 )  
A61K 31/194 ( 2006.01 )  
A61K 31/195 ( 2006.01 )  
A61K 31/704 ( 2006.01 )  
(31) 62/664,173 (32) 29.04.18 (33) US  
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(72) ROSENBERG, Alon; MILSTEIN, Abraham; FIRTH, Ava Marie; VAN DALSEM, Simon; HALPERN, Arie  
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(51) Int. Cl.  
A23L 29/00 ( 2016.01 )  
A61K 31/194 ( 2006.01 )  
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G09B 9/00 ( 2006.01 )  
B02C 17/00 ( 2006.01 )  
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(72) Watt, Daniel  
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(54) Robotic Property Conveyancing Service  
(51) Int. Cl.  
G06Q 50/16 ( 2012.01 )  
G06N 5/02 ( 2006.01 )  
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A01G 20/47 ( 2018.01 )  
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(72) Yang, Dezhong; Feng, Jifeng; Guo, Jianpeng  
(74) Madderns Patent & Trade Mark Attorneys

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(54) Ladder Safe Leash. Is a length of 20mm webbing strap sewn with two cam-lock adjustable clips and with two of the innovative locking clip designed to anchor to roofing screws also with carbiners attached.  
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E06C 7/06 ( 2006.01 )  
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*E05D 5/02* ( 2006.01 )  
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(74) Ronald George Ovenden

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*B66D 1/14* ( 2006.01 )  
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(72) Marriott, Michael Ian  
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(71) PAUNIC, A.  
(11) AU-A-2018101321  
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(54) NEW TECHNOLOGY, DESIGN, APPLICATION, OF SOLAR CELLS; FIRM, FLEXIBLE, WITH COLOR, WITH FREQUENCY CRYSTALS, NEW GEOGRAPHICAL USAGE OF SOLAR CELLS AND ALL RENEWABLES, USAGE IN ALL ELECTRICAL APPLICATIONS, IN ALL TRANSPORT MEANS -CARS, SHIPS, PLANES, TRAINS, ETC Addition to 2017101238 Patent  
(51) Int. Cl.  
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(72) PAUNIC, ALIDA  
(74) ALIDA PAUNIC

(71) Pilot Pastoral Co. Pty Ltd  
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(54) A portable sawmill  
(51) Int. Cl.  
*B27B 7/02* ( 2006.01 )  
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(72) Lucas, Warren  
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(54) A portable sawmill  
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(71) Powerbus Pty Ltd  
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(54) Power Bank Sharing and Rental System and Method  
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(74) NORTH SHORE LAWYERS & ASSOCIATES PTY LTD

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(72) Redfern, Victoria Lesley  
(74) Victoria Lesley Redfern

(71) Southern Wire Pty Ltd  
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(54) Exclusion Fence  
(51) Int. Cl.  
*E04H 17/04* ( 2006.01 )  
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(71) Spence, D.; Spence, D.  
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(54) Mixer for individualized personal care products manufacturing  
(51) Int. Cl.  
*B01F 7/00* ( 2006.01 )  
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(74) Debra Ann Spence

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(21) 2018101368

(71) Tan, J.; Tan, J.  
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(54) Pull Proof Headphones  
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*H04R 1/06* ( 2006.01 )  
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(72) Tan, Jun; Tan, Jie  
(74) Jun Tan

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(54) NutriBlock, an innovative, specialised Blockchain solution for food safety traceability in the agri-food & nutraceutical products industries  
(51) Int. Cl.  
*G06Q 10/08* ( 2012.01 )  
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(72) Cichello, Simon; Goldman, Jeremy; Abu Shanab, Nadeem  
(74) Simon Cichello

(71) YANG, Y.; WANG, Z.; WANG, F.; WANG, Y.; WANG, J.; ZHENG, J.  
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(54) Synthesis of RhAu Alloy Nanoparticles and A New Method for Glutathione Detection  
(51) Int. Cl.  
*G01N 33/68* ( 2006.01 )  
*B82B 3/00* ( 2006.01 )  
*B82Y 5/00* ( 2011.01 )  
*C22C 5/02* ( 2006.01 )  
*C22C 5/04* ( 2006.01 )  
(45) 18.10.2018  
(72) YANG, YIZHENG; WANG, FENGWEI; WANG, ZIQI; WANG, JINYUN; WANG, YINGNAN; ZHENG, JIHAN  
(74) Gloria Li

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 (11) AU-A-2018101357  
 (21) 2018101357 (22) 14.09.2018  
 (54) Composition and method for treating autism  
 (51) Int. Cl.  
     A61K 31/352 ( 2006.01 )  
     A61K 31/05 ( 2006.01 )  
 (31) 2017903766 (32) 15.09.17 (33) AU  
     2018900276 18.01.18 AU  
 (45) 18.10.2018  
 (72) Karelis, Harry  
 (74) Griffith Hack

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 (21) 2018101282 (22) 03.09.2018  
 (54) Product Name: Self-Cleaning Impact Resistance Flexible Crystalline Solar Panel.  
 (51) Int. Cl.  
     H02S 40/10 ( 2014.01 )  
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 (72) zhang, Xia; Zhang, Zongwei  
 (74) Xia zhang

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 (21) 2018101302

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 (21) 2018101335

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(71) Zhou, Y.  
 (11) AU-A-2018101373  
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 (54) Seed Value Investment System  
 (51) Int. Cl.  
     G06Q 40/06 ( 2012.01 )  
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 (72) Zhou, Yongqing  
 (74) Yongqing Zhou

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 (54) A sphere-based efficient detection method for smart home scenario  
 (51) Int. Cl.  
     H03M 13/00 ( 2006.01 )  
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     H04W 4/33 ( 2018.01 )  
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 (74) Gloria Li

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**2018101306** AUSSIE FOOD TO YOU PTY LTD  
**2018101312** Both Barrels Pty Ltd  
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**2018101350** Guangdong Jiyu Porcelain Corp., Ltd.  
**2018101351** Chengdu University of Information Technology  
**2018101352** Chengdu University of Information Technology  
**2018101354** Bozjo Products  
**2018101355** Pilot Pastoral Co. Pty Ltd  
**2018101356** Pilot Pastoral Co. Pty Ltd  
**2018101357** Zelda Therapeutics Operations Pty Ltd  
**2018101358** Southern Wire Pty Ltd  
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     **A62B 18/10** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (74) FB Rice Pty Ltd

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     **H02J 3/32** ( 2006.01 )  
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     **C08K 5/098** ( 2006.01 )  
     **C08L 23/00** ( 2006.01 )  
     **C08L 31/00** ( 2006.01 )  
     **C08L 101/00** ( 2006.01 )  
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 (51) Int. Cl.  
     **A23K 40/30** ( 2016.01 )  
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     **A61K 31/365** ( 2006.01 )  
     **A61K 31/404** ( 2006.01 )  
     **A61K 31/437** ( 2006.01 )  
     **A61K 31/44** ( 2006.01 )  
     **A61K 31/444** ( 2006.01 )  
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     **A61K 31/496** ( 2006.01 )  
     **A61K 31/497** ( 2006.01 )  
     **A61K 31/5025** ( 2006.01 )  
     **A61K 31/53** ( 2006.01 )  
     **A61K 31/5377** ( 2006.01 )  
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     **A61K 45/06** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )

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     **G06Q 30/02** ( 2012.01 )  
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(51) Int. Cl.  
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**C12N 9/26** ( 2006.01 )
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**E02B 3/12** ( 2006.01 )  
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**E06B 3/66** ( 2006.01 )
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**H04M 1/725** ( 2006.01 )
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(51) Int. Cl.  
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(51) Int. Cl.

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**C23C 2/02** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** Systems and methods for rendering im-  
 mersive environments  
**(51)** Int. Cl.  
**G06T 15/02** ( 2011.01 )  
**G06T 19/00** ( 2011.01 )  
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**(74)** Adams Pluck

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**(54)** Arthrodesis devices for generating and  
 applying compression within joints  
**(51)** Int. Cl.  
**A61B 17/72** ( 2006.01 )  
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**(31)** 62/412,021 **(32)** 24.10.16 **(33)** US  
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**(43)** 19.10.2017  
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 synthetic hypericin  
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**C07C 50/36** ( 2006.01 )  
**C07C 46/00** ( 2006.01 )  
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 topher; Rauter, Holger; Werner, Silvia  
**(74)** AJ PARK

**(71)** Asieris Pharmaceutical Technologies  
 Co., Ltd.  
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**(21)** 2017240074 **(22)** 31.03.2017  
**(54)** Combinational uses of nitroxoline and  
 its analogues with chemotherapeis and  
 immunotherapies in the treatment of  
 cancers

**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
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**(31)** 62/315,774 **(32)** 31.03.16 **(33)** US  
**(43)** 05.10.2017  
**(72)** Huang, Peng; Li, Qiang  
**(74)** AJ PARK

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**(11)** AU-A-2017239173  
**(21)** 2017239173 **(22)** 21.03.2017  
**(54)** An apparatus and method to locate,  
 measure, monitor, and treat inflamma-  
 tion of the skin's soft tissue and fascia  
 layers  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
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**A61B 5/053** ( 2006.01 )  
**A61H 39/02** ( 2006.01 )  
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**(31)** 62/390,094 **(32)** 21.03.16 **(33)** US  
**(43)** 28.09.2017  
**(72)** Cowie, Jocelyn Walker  
**(74)** FPA Patent Attorneys Pty Ltd

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**(11)** AU-A-2017240591  
**(21)** 2017240591 **(22)** 30.03.2017  
**(54)** Oligodendrocyte progenitor cell com-  
 positions  
**(51)** Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/074** ( 2010.01 )  
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**(31)** 62/315,454 **(32)** 30.03.16 **(33)** US  
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 Christopher  
**(74)** FB Rice Pty Ltd

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**(11)** AU-A-2016395036  
**(21)** 2016395036 **(22)** 02.03.2016  
**(54)** Coded-information means located on  
 an infrastructure in order to be decoded  
 by sensors located on mobiles  
**(51)** Int. Cl.  
**G06K 19/06** ( 2006.01 )  
**(87)** WO2017/149357  
**(43)** 08.09.2017  
**(72)** Badolato Martin, Alejandro  
**(74)** mdp Patent and Trade Mark Attorneys

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 Senese  
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**(21)** 2017236095 **(22)** 23.03.2017  
**(54)** Use of DDX3 inhibitors as antiproliferat-  
 ive agents

**(51)** Int. Cl.  
**A61K 31/41** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/4192** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61K 31/433** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61K 31/7056** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(31)** 102016000031124 **(32)** 24.03.16 **(33)** IT  
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**(74)** FB Rice Pty Ltd

**(71)** Azura Ophthalmics Ltd.  
**(11)** AU-A-2017250509  
**(21)** 2017250509 **(22)** 13.04.2017  
**(54)** Selenium disulfide compositions for use  
 in treating meibomian gland dysfunction  
**(51)** Int. Cl.  
**A61K 31/327** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/60** ( 2006.01 )  
**A61K 33/04** ( 2006.01 )  
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 Zakhar  
**(74)** FB Rice Pty Ltd

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**(11)** AU-A-2017237079  
**(21)** 2017237079 **(22)** 23.03.2017  
**(54)** Treatment ported sub and method of  
 use  
**(51)** Int. Cl.  
**E21B 34/06** ( 2006.01 )  
**E21B 17/00** ( 2006.01 )  
**E21B 43/26** ( 2006.01 )  
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**(43)** 28.09.2017  
**(72)** Andrew, Colin P.  
**(74)** Patent Attorney Services

**(71)** BASF SE  
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**(21)** 2017229172 **(22)** 03.03.2017  
**(54)** Device for storing electrical energy and  
 method for operating the device  
**(51)** Int. Cl.  
**H01M 12/08** ( 2006.01 )  
**H01M 10/39** ( 2006.01 )  
**(87)** WO2017/153292  
**(31)** 16159091.4 **(32)** 08.03.16 **(33)** EP  
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 (54) Non-destructive seed genotyping  
 (51) Int. Cl.  
     C12Q 1/68 ( 2006.01 )  
     A01H 1/04 ( 2006.01 )  
     A01H 5/10 ( 2006.01 )  
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 (11) AU-A-2017253352  
 (21) 2017253352 (22) 20.04.2017  
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     duction thereof, and use thereof, to  
     treat aqueous dispersions  
 (51) Int. Cl.  
     C02F 1/56 ( 2006.01 )  
     C08F 220/56 ( 2006.01 )  
     C02F 103/10 ( 2006.01 )  
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     Haskell, Tara Michele  
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 (54) Method for preparing an aqueous poly-  
     acrylamide solution  
 (51) Int. Cl.  
     C08F 20/56 ( 2006.01 )  
 (87) WO2017/186697  
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 (74) Griffith Hack
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- (71) Becton, Dickinson and Company  
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 (21) 2017240482 (22) 17.03.2017  
 (54) Ergonomic IV systems and methods  
 (51) Int. Cl.  
     A61M 5/158 ( 2006.01 )  
     A61M 25/00 ( 2006.01 )  
     A61M 25/06 ( 2006.01 )  
 (87) WO2017/172383  
 (31) 62/314,260 (32) 28.03.16 (33) US  
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 (54) Multi-diameter cannula  
 (51) Int. Cl.  
     A61M 25/06 ( 2006.01 )  
     A61M 5/32 ( 2006.01 )  
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 (54) Cannula capture mechanism  
 (51) Int. Cl.  
     A61M 25/06 ( 2006.01 )  
     A61M 5/32 ( 2006.01 )  
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     62/314,262 28.03.16 US  
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 (54) Optical fiber sensor  
 (51) Int. Cl.  
     A61B 5/00 ( 2006.01 )  
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<b>(54)</b> Implantable pump system having an	<b>(54)</b> Dust-free heat-shrinkable packaging			<b>(21)</b> 2017242215 <b>(22)</b> 24.03.2017
undulating membrane	article			<b>(54)</b> Method of optimizing filter life cycle
<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.			between replacements and system for
<b>A61M 1/12</b> ( 2006.01 )	<b>B32B 27/08</b> ( 2006.01 )			monitoring a ventilation system
<b>A61M 1/10</b> ( 2006.01 )	<b>B32B 27/18</b> ( 2006.01 )			<b>(51)</b> Int. Cl.
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	<b>(74)</b> Davies Collison Cave Pty Ltd			
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<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.			mining power use of an associated appli-
<b>A61B 34/00</b> ( 2016.01 )	<b>G06F 21/36</b> ( 2013.01 )			ance
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**B01D 46/04** ( 2006.01 )  
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**C07C 47/19** ( 2006.01 )

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 Gough, Tony; McRobbie, Ian Malcolm  
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*H01G 4/30* ( 2006.01 )  
*H01L 23/52* ( 2006.01 )  
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*C12N 15/09* ( 2006.01 )  
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C12N 15/11 (2006.01)  
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**(54)** Immunity-inducing agent  
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 (54) Smoke detectors with light shields and alarm systems including such  
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     **A47L 9/06** ( 2006.01 )  
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     **B65D 85/36** ( 2006.01 )  
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<b>2016312995</b>	Evolution Optiks Limited	<b>2017235845</b>	Oxular Limited
<b>2016393870</b>	Agios Pharmaceuticals, Inc.; Celgene Corporation	<b>2017236095</b>	Azienda Ospedaliera Universitaria Senese
<b>2016395036</b>	Auto Drive Solutions S.L.	<b>2017236200</b>	Motus Weighing AB
<b>2016395455</b>	FMC Technologies, Inc.	<b>2017236312</b>	Adisseo France S.A.S.
<b>2016396033</b>	Arumugham, R.; Schaber, C.; Rauter, H.; Werner, S.; Soligenix, Inc.	<b>2017236326</b>	Faiveley Transport Amiens
<b>2016397332</b>	Caregen Co., Ltd.	<b>2017236998</b>	The Quaker Oats Company
<b>2016398068</b>	Huawei Technologies Co., Ltd.	<b>2017237000</b>	The Quaker Oats Company
<b>2016398621</b>	Motorola Solutions, Inc.	<b>2017237079</b>	Baker Hughes, a GE Company, LLC
<b>2016398669</b>	Daewoong Pharmaceutical Co., Ltd.; Industry-Academic Cooperation Foundation, Yonsei University	<b>2017237093</b>	MiMedx Group, Inc.
<b>2016399182</b>	Monash University	<b>2017237254</b>	PPC Broadband, Inc.
<b>2016400021</b>	Husqvarna AB	<b>2017237442</b>	Metso Minerals, Inc.
<b>2016401161</b>	The Regents of the University of California	<b>2017237636</b>	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
<b>2016401829</b>	JGC Corporation; Elbrons B.V.	<b>2017237983</b>	BioFire Diagnostics, LLC; BioFire Defense, LLC; bio-Merieux
<b>2016401920</b>	New York Air Brake, LLC	<b>2017238104</b>	Human Longevity, Inc.
<b>2016403730</b>	New York Air Brake, LLC	<b>2017238106</b>	Zume, Inc
<b>2016403777</b>	Edison Welding Institute, Inc.	<b>2017238168</b>	Weiner, D.; Muthumani, K.; Flingai, S.; Sardesai, N.; Eliott, S.; Yan, J.; Patel, A.
<b>2016406527</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017238181</b>	The Johns Hopkins University
<b>2016412421</b>	Rashwan, E.A.	<b>2017238206</b>	The Quaker Oats Company
<b>2016412422</b>	Rashwan, E.A.	<b>2017238508</b>	Schlage Lock Company LLC
<b>2016428671</b>	Taiyuan University of Technology	<b>2017238858</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Maryland, Baltimore
<b>2017203977</b>	Converter Manufacturing, LLC	<b>2017238859</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Maryland, Baltimore
<b>2017222403</b>	Phytoponics Limited	<b>2017239173</b>	Assessx Technology Ltd.
<b>2017223070</b>	Goodmark Medical (International) Limited	<b>2017239295</b>	ShangHai HaiHe Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences
<b>2017223978</b>	International Paper Company	<b>2017239318</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Li-anyungang Runzhong Pharmaceutical Co., Ltd.; Centaurus Biopharma Co., Ltd.
<b>2017224224</b>	Bonner, M.	<b>2017239626</b>	Ng, C.W.
<b>2017225214</b>	Graf, J.	<b>2017239641</b>	Amicus Therapeutics, Inc.
<b>2017225764</b>	Q30 Sports Science, LLC	<b>2017239645</b>	TherapeuticsMD, Inc.
<b>2017225904</b>	Broderick, J.J.; Broderick, M.	<b>2017239670</b>	ServiceNow, Inc.
<b>2017225979</b>	Zerorez Franchising Systems, Inc.	<b>2017239679</b>	TherapeuticsMD, Inc.
<b>2017226682</b>	Adeka Corporation	<b>2017239926</b>	Komatsu Ltd.
<b>2017226814</b>	Coramaze Technologies GmbH	<b>2017240074</b>	Asieris Pharmaceutical Technologies Co., Ltd.
<b>2017227014</b>	Faiveley Transport Amiens	<b>2017240141</b>	Tygrus, LLC
<b>2017227015</b>	Faiveley Transport Amiens	<b>2017240150</b>	Kite Pharma, Inc.
<b>2017227585</b>	Sun Pharma Global FZE	<b>2017240205</b>	MariCare Oy
<b>2017227596</b>	Weng, W.	<b>2017240236</b>	Research Institute at Nation Wide Children's Hospital
<b>2017227675</b>	Mission Surgical Innovations, LLC	<b>2017240259</b>	University of Pittsburgh-of the Commonwealth System of Higher Education; UPMC
<b>2017227705</b>	Intezyne Technologies	<b>2017240271</b>	Voog
<b>2017227708</b>	Aris MD, Inc.	<b>2017240274</b>	CooperVision International Holding Company, LP
<b>2017228398</b>	Cornell University	<b>2017240275</b>	Verplas Limited
<b>2017228405</b>	Glimcher, L.; Cornell University; Bettigole, S.; Ruiz, J.R.C.	<b>2017240441</b>	3M Innovative Properties Company
<b>2017228427</b>	Xenex Disinfection Services, LLC.	<b>2017240473</b>	BP Corporation North America Inc.
<b>2017228764</b>	Dius Computing Pty Ltd	<b>2017240482</b>	Becton, Dickinson and Company
<b>2017228932</b>	Taylor, C.K.	<b>2017240483</b>	Becton, Dickinson and Company
<b>2017229172</b>	BASF SE	<b>2017240486</b>	Becton, Dickinson and Company
<b>2017229259</b>	Waldemar Link GmbH & Co. KG	<b>2017240487</b>	Becton, Dickinson and Company
<b>2017229642</b>	Airway Medix S.A.	<b>2017240574</b>	Res Polyflow LLC
<b>2017229782</b>	Liberty Capital Management (Cyprus) Limited; Pointer, R.; Dinello, M.	<b>2017240591</b>	Asterias Biotherapeutics, Inc.
<b>2017230294</b>	Universiteit Gent	<b>2017240660</b>	Utopix Medical, LLC
<b>2017230741</b>	Equalaire Systems, Inc.	<b>2017240667</b>	Kite Pharma, Inc.
<b>2017230792</b>	The Johns Hopkins University; The Trustees of Boston University	<b>2017240703</b>	National University of Singapore
<b>2017231043</b>	Enzymotec Ltd.	<b>2017240811</b>	Evapco, Inc.
<b>2017231110</b>	IntelGenX Corp.	<b>2017240831</b>	Flex Operating Room, LLC
<b>2017231836</b>	Isolynx, LLC	<b>2017241266</b>	SpecGx LLC
<b>2017232393</b>	Oleon NV	<b>2017241341</b>	BP Corporation North America Inc.
<b>2017232394</b>	Oleon NV	<b>2017241477</b>	Toray Industries, Inc.
<b>2017232498</b>	Codiak BioSciences, Inc.	<b>2017241591</b>	The Charles Stark Draper Laboratory, Inc.
<b>2017233270</b>	Injecto A/S		
<b>2017234380</b>	Piling and Concreting Australia (PCA) Pty Ltd		
<b>2017234997</b>	Equinor Energy AS		
<b>2017235574</b>	The Trustees of Columbia University in the City of New York		
<b>2017235608</b>	A1M Pharma AB.		

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2017241592	The Charles Stark Draper Laboratory, Inc.	2017249661	Dupont Nutrition Biosciences ApS
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2017241749	Lubrizol Advanced Materials, Inc.	2017250000	Haventec Pty Ltd
2017241832	Roll Rite, LLC	2017250002	University of Canberra
2017241871	Suntory Holdings Limited	2017250029	Trillium Therapeutics Inc.
2017241904	ColonaryConcepts LLC	2017250112	Quident, LLC
2017241923	Hypothermia Devices, Inc.; The Regents of the University of California	2017250358	Alpine Immune Sciences, Inc.
2017241972	Komatsu Ltd.	2017250359	Blaze Bioscience, Inc.
2017241973	Komatsu Ltd.	2017250366	Arthrex, Inc.
2017242215	Dinair AB	2017250509	Azura Ophthalmics Ltd.
2017242251	Knorr-Bremse Systeme für Nutzfahrzeuge GmbH	2017250530	Stramba S.r.l.
2017242357	Telefonaktiebolaget LM Ericsson (publ)	2017250553	Corwave SA
2017242523	BASF SE	2017251250	Symphogen A/S
2017242643	NK Trading and Engineering GmbH	2017251462	Evolva SA
2017242919	DSM IP Assets B.V.	2017251507	The Viking Corporation
2017243206	The Ascent Group Ltd	2017252192	ImCyse SA
2017243515	Alibaba Group Holding Limited	2017252427	Vaccinex, Inc.
2017243876	Quest Engineering Pty Ltd	2017252440	Applied Medical Resources Corporation
2017243945	Stembiosys, Inc.	2017252590	Coopervision International Holding Company, LP
2017243946	Oxymo Technologies Inc.	2017252594	Coopervision International Holding Company, LP
2017244046	Lallemand Inc	2017252596	Innospec Limited
2017244062	University of Limerick	2017252597	Innospec Limited
2017244123	IDAC Holdings, Inc.	2017252598	Innospec Limited
2017244132	Khalid, Waqas	2017252599	Innospec Limited
2017244133	Spark Therapeutics, Inc.	2017252657	ArcelorMittal
2017244135	Hyrda-Zorb	2017253088	New Frontier Labs, LLC
2017244280	Nanomed Diagnostics B.V.	2017253252	PepsiCo, Inc.
2017244736	Husqvarna AB	2017253267	Centogene IP GmbH
2017244763	Kyowa Hakko Kirin Co., Ltd.	2017253352	BASF SE
2017245125	Takeda Pharmaceutical Company Limited	2017253621	Amgen Research (Munich) GmbH
2017245143	AB Biosciences, Inc.	2017254086	Airbnb, Inc.
2017245260	Lyft, Inc.	2017254304	Samsung Electronics Co., Ltd.
2017245752	Outotec (Finland) Oy	2017254347	Hiloprobe AB
2017246101	Streamlight, Inc.	2017254469	Apogee Enterprises, Inc.
2017246236	Blakeway, I.	2017254620	Green Plains Inc.
2017246294	AMO Development, LLC	2017254687	Bioventures, LLC.
2017246414	Huawei Technologies Co., Ltd.	2017254713	Dana Farber Cancer Institute, Inc.
2017246430	Wilhelm Layher Verwaltungs-GmbH	2017254738	Structural Monitoring Systems Ltd
2017246449	Gogo LLC	2017256013	Roquette Freres
2017246520	BP Exploration Operating Company Limited	2017256519	Unilever PLC
2017246581	A & C Freeman	2017256711	Healsafe Interiör AB
2017246598	Bruckbauer, W.	2017257205	BASF SE
2017246677	Forsys Subsea Limited	2017257330	Pfizer Inc.
2017246690	Oxford Nanopore Technologies Limited	2017258184	Cubic Corporation
2017246691	Saint-Gobain Placo SAS	2017258341	Siemens Aktiengesellschaft
2017246710	Boston Scientific Neuromodulation Corporation	2017260061	Casale SA
2017246711	Boston Scientific Neuromodulation Corporation	2017262380	Safelink AS
2017246827	Combinati Incorporated	2017263225	The Viking Corporation
2017246937	Ang, W.; Ang, I.	2017263318	Qualcomm Incorporated
2017247600	Thales Management & Services Deutschland GmbH	2017263563	ContraFect Corporation
2017247759	Nippon Steel & Sumitomo Metal Corporation	2017263821	Qualcomm Incorporated
2017247781	Galas, A.	2017264546	BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
2017247963	Drug Delivery Solutions Limited	2017266729	Proponent Biotech GmbH
2017248070	Van Der Hoeven Horticultural Projects B.V.	2017266930	Apple Inc.
2017248118	Tomra Systems ASA	2017267615	Nestec SA
2017248189	Translate Bio, Inc.	2017267699	Croix, M.
2017248253	Proteostasis Therapeutics, Inc.	2017268154	Eli Lilly and Company
2017248264	The Johns Hopkins University	2017269261	Covidien LP
2017248279	Tyco Fire Products LP	2017271199	Mattern, C.
2017248656	The Trustees of the University of Pennsylvania	2017272072	Covidien LP
2017248659	The Trustees of the University of Pennsylvania	2017272179	Komatsu Ltd.
2017248720	HBI Branded Apparel Enterprises, LLC	2017272278	Komatsu Ltd.
2017248731	The Trustees of the University of Pennsylvania	2017272777	NV Bekaert SA
2017248837	Temple University-of The Commonwealth System of Higher Education	2017275918	Mazda Motor Corporation
2017249317	Altopa, Inc.	2017282197	Komatsu Ltd.
2017249396	Nortic Holdings Inc.	2017282981	Teleflex Life Sciences Unlimited Company
2017249418	McConway & Torley, LLC	2017283820	Nymox Corporation
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2017249660	Dupont Nutrition Biosciences ApS		

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**2017301082** Longi Magnet Co.,Ltd.  
**2017303947** Wuhan Nari Limited Liability Company of State Grid  
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**2017308799** Power Hero Corp.  
**2017327720** Dropbox, Inc.  
**2017338251** Granger, M.  
**2017340136** Becton, Dickinson and Company  
**2017394369** BOE Technology Group Co., Ltd.  
**2017395127** Beijing Goldwind Science & Creation Windpower Equip-  
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**2018202844** Nippon Light Metal Company, Ltd.  
**2018236776** Pring, G.

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	2017293112	<b><u>A47L 7 /-</u></b>			2017239645
<b><u>A01N 35 /-</u></b>	2017293113	2017225979	<b><u>A61H 39 /-</u></b>		2017239679
2017232393			2017225764	<b><u>A61K 39 /-</u></b>	2017241266
2017232394		<b><u>A47L 9 /-</u></b>	2017239173	2017227705	2017242919
		2016400021		2017238168	2017243946
<b><u>A01N 37 /-</u></b>	<b><u>A23L 23 /-</u></b>	2017225979	<b><u>A61K 31 /-</u></b>	2017240074	2017247963
2017253088	2017256519	2017244736	2016393870	2017240150	2017249396
			2016397332	2017241477	2017250509
<b><u>A01N 43 /-</u></b>	<b><u>A23L 27 /-</u></b>		2017227705	2017241477	2017263563
2017232393	2017241871	<b><u>A61B 1 /-</u></b>	2017228398	2017244763	2017266729
	2017251462	2017227675	2017228405	2017252192	2017267615
	2017293112		2017231043	2017252427	
	2017293113	<b><u>A61B 17 /-</u></b>	2017231110		<b><u>A61L 27 /-</u></b>
<b><u>A01P 1 /-</u></b>	<b><u>A23L 33 /-</u></b>	2017225764	2017236095	<b><u>A61K 45 /-</u></b>	2017243945
2017232394	2017231043	2017227675	2017238858	2016393870	
	2017249660	2017248837	2017238859	2016412421	<b><u>A61M 1 /-</u></b>
	2017249661	2017250366	2017239295	2016412422	
<b><u>A01P 13 /-</u></b>		2017252440	2017239318	2017249602	2017229642
2017232393			2017239645	2017249603	2017250553
	<b><u>A23L 5 /-</u></b>	<b><u>A61B 18 /-</u></b>	2017239679	2017267615	
<b><u>A01P 17 /-</u></b>	2017256013	2017248837	2017241266	2017283820	<b><u>A61M 16 /-</u></b>
2017232393			2017241477		2017229642
	<b><u>A23L 7 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017241904	<b><u>A61K 47 /-</u></b>	2017240441
<b><u>A01P 21 /-</u></b>	2017237000	2017269261	2017245125	2017231110	2017282981
2017232393		2017272072	2017247963	2017235845	
	<b><u>A23P 20 /-</u></b>		2017248189	2017239645	<b><u>A61M 25 /-</u></b>
<b><u>A01P 3 /-</u></b>	2017256013	<b><u>A61B 46 /-</u></b>	2017248253	2017247963	2017229642
2017232393		2017240831	2017249602	2017249396	2017240482
	<b><u>A41B 9 /-</u></b>		2017249603	2017250029	2017240483
<b><u>A01P 7 /-</u></b>	2017248720	<b><u>A61B 5 /-</u></b>	2017250002	<b><u>A61K 48 /-</u></b>	2017240486
2017232393		2017230294	2017250029	2017240667	
	<b><u>A46B 11 /-</u></b>	2017239173	2017250509	2017240703	<b><u>A61M 31 /-</u></b>
	2017246236	2017240205	2017253088	2017241477	2017271199
			2017254687	2017244133	
			2017254713	2017244763	

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<b><u>A61M 5 /-</u></b>	2017250359 2017251250 2017229642 2017233270 2017240482 2017240483 2017240486	<b><u>A63B 71 /-</u></b>	2017231836	<b><u>B33Y 80 /-</u></b>	2017237636	<b><u>B61L 25 /-</u></b>	2017271199
		<b><u>B01D 46 /-</u></b>	2016400021	<b><u>B60C 23 /-</u></b>	2017230741	2017247600	<b><u>B65D 81 /-</u></b>
	<b><u>A61P 37 /-</u></b>	<b><u>B01D 53 /-</u></b>	2016401829	<b><u>B60C 29 /-</u></b>	2017230741	2016403730 2017247600	2017203977
<b><u>A61N 1 /-</u></b>	2017241477 2017244763 2017245125	<b><u>B01F 13 /-</u></b>	2017224224	<b><u>B60D 1 /-</u></b>	2017242251	2016401920 2016403730	<b><u>B65D 85 /-</u></b>
2016401161 2017240259 2017246710 2017246711	<b><u>A61P 43 /-</u></b>	<b><u>B01F 15 /-</u></b>	2017224224	<b><u>B60J 1 /-</u></b>	2017275918	2017250530	2017238106
	2017267615	<b><u>B01J 19 /-</u></b>	2017246827	<b><u>B60J 11 /-</u></b>	2017241832	<b><u>B61L 3 /-</u></b>	<b><u>B66C 1 /-</u></b>
<b><u>A61N 5 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01L 3 /-</u></b>	2017241591 2017246827	<b><u>B60J 7 /-</u></b>	2017241832	<b><u>B63B 15 /-</u></b>	2017228932
2018202844	2017249661	<b><u>B02C 13 /-</u></b>	2017237442	<b><u>B60L 11 /-</u></b>	2017308799	2017258341	2016403730
<b><u>A61P 1 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B02C 21 /-</u></b>	2017237442	<b><u>B60P 1 /-</u></b>	2017241972	<b><u>B63B 43 /-</u></b>	<b><u>B66C 13 /-</u></b>
2017248264 2017249602 2017249603	2017267615	<b><u>B03C 1 /-</u></b>	2017301082	<b><u>B60P 7 /-</u></b>	2017241832	2017258341	2017262380
<b><u>A61P 11 /-</u></b>	2017240141	<b><u>B04C 5 /-</u></b>	2016400021	<b><u>B60R 25 /-</u></b>	2017239626	<b><u>B63G 8 /-</u></b>	<b><u>B66D 5 /-</u></b>
2017248253 2017249602 2017249603	<b><u>A61Q 1 /-</u></b>	<b><u>B05B 1 /-</u></b>	2017246236 2017251507 2017263225	<b><u>B60S 5 /-</u></b>	2017230741	2017258341	2016428671
<b><u>A61P 17 /-</u></b>	2017240141 2017267699	<b><u>B07B 1 /-</u></b>	2017237442	<b><u>B60T 13 /-</u></b>	2017227014 2017227015	<b><u>B63H 21 /-</u></b>	<b><u>B67D 1 /-</u></b>
2017266729	<b><u>A61Q 19 /-</u></b>	<b><u>B22C 9 /-</u></b>	2017249418	<b><u>B60T 17 /-</u></b>	2017227014 2017227015 2017236326 2017242251	2017258341	2017253252
<b><u>A61P 19 /-</u></b>	2016397332 2017240141	<b><u>B24B 55 /-</u></b>	2016400021	<b><u>B61D 39 /-</u></b>	2017241832	<b><u>B63H 9 /-</u></b>	<b><u>B67D 3 /-</u></b>
2017231043	<b><u>A61Q 5 /-</u></b>	<b><u>B29C 65 /-</u></b>	2016403777	<b><u>B61G 3 /-</u></b>	2017249418	2017250530	2017253252
<b><u>A61P 21 /-</u></b>	2017252596 2017252597 2017252598 2017252599	<b><u>B29C 67 /-</u></b>	2017237636	<b><u>B61H 5 /-</u></b>	2017227014	<b><u>B63J 2 /-</u></b>	<b><u>B81C 1 /-</u></b>
2017249660	<b><u>A61Q 7 /-</u></b>	<b><u>B32B 27 /-</u></b>	2017241748	<b><u>B61L 15 /-</u></b>	2016401920 2017247600	2017250530	2017244132
<b><u>A61P 25 /-</u></b>	2016397332					2017250530	<b><u>B82Y 25 /-</u></b>
2017238858 2017245125 2017248264 2017268154	<b><u>A61Q 90 /-</u></b>					2017258341	2017244132
<b><u>A61P 27 /-</u></b>	2017232393					<b><u>B64C 39 /-</u></b>	<b><u>C01B 21 /-</u></b>
2017227585 2017250002	<b><u>A62B 18 /-</u></b>					2016398621	2016399182
<b><u>A61P 3 /-</u></b>	2017240441					<b><u>B65D 1 /-</u></b>	<b><u>C01B 3 /-</u></b>
2017239641	<b><u>A62B 9 /-</u></b>					2017203977 2017271199	2017260061
<b><u>A61P 31 /-</u></b>	2017240441					<b><u>B65D 21 /-</u></b>	<b><u>C01G 39 /-</u></b>
2017243946	<b><u>A62C 31 /-</u></b>					2017238106	2016399182
<b><u>A61P 35 /-</u></b>	2017263225					<b><u>B65D 33 /-</u></b>	<b><u>C02F 1 /-</u></b>
2016393870 2017227705 2017228398 2017228405 2017236095 2017239295 2017239318 2017240074 2017241477 2017250029	<b><u>A62C 35 /-</u></b>					2017241748	2017253352
	2017251507					<b><u>B65D 35 /-</u></b>	<b><u>C02F 103 /-</u></b>
	<b><u>A62C 37 /-</u></b>					2017271199	2017253352
	2017251507					<b><u>B65D 43 /-</u></b>	<b><u>C03C 17 /-</u></b>
						2017238106	2017254469
						<b><u>B65D 61 /-</u></b>	<b><u>C04B 28 /-</u></b>
						2017263225	2017246691
						<b><u>B65D 71 /-</u></b>	<b><u>C06B 21 /-</u></b>
						2017241748	2017237636
						<b><u>B65D 75 /-</u></b>	<b><u>C07C 225 /-</u></b>
						2017240274 2017241748	2017238859

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<b><u>C07C 29 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C08F 20 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C21D 1 /-</u></b>	<b><u>E04C 5 /-</u></b>
2017246581	2017268154	2017257205	2017227596	2017252657	2017246937
<b><u>C07C 46 /-</u></b>	<b><u>C07F 7 /-</u></b>	<b><u>C08F 220 /-</u></b>	2017230792	<b><u>C21D 8 /-</u></b>	<b><u>E04F 15 /-</u></b>
2016396033	2017248253	2017253352	2017232498	2017247759	2017246430
<b><u>C07C 47 /-</u></b>	<b><u>C07H 15 /-</u></b>	<b><u>C08G 18 /-</u></b>	2017240703	<b><u>C21D 9 /-</u></b>	2017247781
2017252596	2017293112	2017241749	2017241477	2017252657	<b><u>E04G 1 /-</u></b>
2017252597	2017293113	<b><u>C08H 8 /-</u></b>	2017241592	<b><u>C22C 38 /-</u></b>	2017246430
2017252598	<b><u>C07H 21 /-</u></b>	2017223978	2017244046	2017247759	<b><u>E04H 12 /-</u></b>
2017252599	2017237983	<b><u>C08J 11 /-</u></b>	2017244133	<b><u>C23C 2 /-</u></b>	2017234380
<b><u>C07C 50 /-</u></b>	2017240236	2017240574	2017244763	2017252657	<b><u>E04H 3 /-</u></b>
2016396033	2017248189	<b><u>C08K 5 /-</u></b>	2017248189	<b><u>C25B 1 /-</u></b>	2017246430
<b><u>C07D 215 /-</u></b>	<b><u>C07J 73 /-</u></b>	2017226682	2017248656	2016399182	<b><u>E05B 15 /-</u></b>
2017231110	2016397332	<b><u>C08L 101 /-</u></b>	2017248659	<b><u>C25B 9 /-</u></b>	2017238508
2017248253	<b><u>C07K 1 /-</u></b>	2017226682	2017248731	2016399182	<b><u>E05B 3 /-</u></b>
<b><u>C07D 257 /-</u></b>	2017232498	<b><u>C08L 23 /-</u></b>	2017250029	<b><u>C25C 7 /-</u></b>	2017238508
2017238181	<b><u>C07K 14 /-</u></b>	2017226682	2017251462	2017245752	<b><u>E05B 63 /-</u></b>
<b><u>C07D 275 /-</u></b>	2017235608	<b><u>C08L 31 /-</u></b>	2017252427	<b><u>D06P 5 /-</u></b>	2017238508
2017239318	2017240150	2017226682	<b><u>C12N 9 /-</u></b>	2017252596	<b><u>E06B 3 /-</u></b>
<b><u>C07D 401 /-</u></b>	2017240667	<b><u>C10B 47 /-</u></b>	2017238168	2017252597	2017254469
2017228398	2017241477	2017240574	2017239641	2017252598	<b><u>E21B 17 /-</u></b>
2017228405	2017244177	<b><u>C10B 53 /-</u></b>	2017244046	2017252599	2017237079
2017238181	2017244046	2017240574	2017244133	<b><u>E02B 3 /-</u></b>	<b><u>E21B 19 /-</u></b>
2017245125	2017244133	2017240574	<b><u>C12P 1 /-</u></b>	2017246937	2017262380
<b><u>C07D 403 /-</u></b>	2017245143	<b><u>C10G 1 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>E02D 17 /-</u></b>	<b><u>E21B 21 /-</u></b>
2017228398	2017246690	2017240574	2017235574	2017246937	2017242643
2017228405	2017248656	<b><u>C10B 53 /-</u></b>	2017236998	<b><u>E02D 27 /-</u></b>	<b><u>E21B 33 /-</u></b>
2017239295	2017248659	2017240574	2017237000	2017234380	2016395455
2017254713	2017250029	<b><u>C10L 1 /-</u></b>	2017237983	<b><u>E02D 3 /-</u></b>	<b><u>E21B 34 /-</u></b>
<b><u>C07D 405 /-</u></b>	2017252192	2017240574	2017238206	<b><u>E02D 5 /-</u></b>	2017237079
2017245125	<b><u>C07K 16 /-</u></b>	<b><u>C10G 1 /-</u></b>	<b><u>C12P 21 /-</u></b>	2017234380	<b><u>E21B 43 /-</u></b>
<b><u>C07D 409 /-</u></b>	2017227705	2017240574	2017230792	<b><u>E02F 3 /-</u></b>	2017234997
2017228398	2017240074	<b><u>C10L 1 /-</u></b>	2017244046	2017282197	2017237079
2017228405	2017240150	2017246581	2017244763	<b><u>E02F 9 /-</u></b>	2017246677
2017228398	2017244763	<b><u>C11C 3 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 47 /-</u></b>
2017228405	2017248264	2017246581	2017237000	<b><u>E02D 5 /-</u></b>	2017234997
<b><u>C07D 413 /-</u></b>	2017248731	<b><u>C11D 3 /-</u></b>	2017254620	2017234380	2017246520
2017228398	2017250029	2017246581	<b><u>C12Q 1 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>E21D 1 /-</u></b>
2017228405	2017251250	<b><u>C11D 3 /-</u></b>	2016398669	2018236776	2017242643
2017239295	2017252427	2017243946	2017232498	<b><u>E04C 2 /-</u></b>	<b><u>E21D 11 /-</u></b>
2017254713	2017253621	<b><u>C12M 1 /-</u></b>	2017235574	2017244135	2017272777
<b><u>C07D 417 /-</u></b>	2017257330	2017241871	2017237983	2017246691	
2017254713	<b><u>C07K 19 /-</u></b>	<b><u>C12M 1 /-</u></b>	2017240236		
<b><u>C07D 471 /-</u></b>	2016397332	2017236998	2017242523		
2017254713	2017245143	2017237983	2017244132		
<b><u>C07D 487 /-</u></b>	2017250029	2017246690	2017244280		
2017228398	<b><u>C07K 5 /-</u></b>	2017254347	2017246690		
2017228405	2017293112	<b><u>C12R 1 /-</u></b>	2017254347		
<b><u>C07D 487 /-</u></b>	2017293113	2017230792	<b><u>C12R 1 /-</u></b>		
2017228398	2016397332	2017230792	2017230792		
2017228405	2017248656	2017244046			

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<b><u>E21D 19 /-</u></b>	<b><u>F21V 21 /-</u></b>	<b><u>G01L 7 /-</u></b>	<b><u>G02C 5 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H01M 12 /-</u></b>
2017272777	2017243876 2017246101	2017229642	2017225214	2017227708	2017229172
<b><u>E21D 20 /-</u></b>	<b><u>F21V 23 /-</u></b>	<b><u>G01M 17 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01Q 1 /-</u></b>
2017272777	2017246101	2017254738	2016312995	2017250112	2017275918
<b><u>F03D 80 /-</u></b>	<b><u>F21V 5 /-</u></b>	<b><u>G01M 3 /-</u></b>	<b><u>G05B 23 /-</u></b>	<b><u>G06T 9 /-</u></b>	<b><u>H01Q 5 /-</u></b>
2017395127	2017246101	2017254738	2017242215	2017250112	2017275918
<b><u>F03G 7 /-</u></b>	<b><u>F21V 7 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G07C 1 /-</u></b>	<b><u>H01R 11 /-</u></b>
2017338251	2017246101	2017232498	2017239926 2017241973 2017244736 2017272179 2017272278	2017231836	2017237254
<b><u>F15B 11 /-</u></b>	<b><u>F24C 15 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G07F 7 /-</u></b>	<b><u>H01R 13 /-</u></b>
2017241972	2017246598	2017340136	2017240574	2017248118	2017237254
<b><u>F16B 12 /-</u></b>	<b><u>F24C 3 /-</u></b>	<b><u>G01N 19 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G07F 9 /-</u></b>	<b><u>H01R 4 /-</u></b>
2017246430	2017246598	2017254738	2017243515	2017248118	2017237254
<b><u>F16B 7 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 19 /-</u></b>	<b><u>G08B 13 /-</u></b>	<b><u>H02J 1 /-</u></b>
2017246430	2017240275	2017254738	2017223070 2017237983 2017238104 2017249317	2016398621	2017288317
<b><u>F16C 11 /-</u></b>	<b><u>F24F 3 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G08B 17 /-</u></b>	<b><u>H02J 3 /-</u></b>
2017243876	2017248070	2017246690 2017254738	2017243206 2017258184	2017228427	2017288317
<b><u>F16D 55 /-</u></b>	<b><u>F24F 5 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>H02J 50 /-</u></b>
2017227014	2017248070	2016398669 2017232498 2017241591 2017253267 2017254347 2017254738 2017264546	2016312995 2017254304 2017266930	2017240205 2017303947	2017240274
<b><u>F16D 59 /-</u></b>	<b><u>F25B 19 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>H02J 9 /-</u></b>
2017236326	2016401829	2017228764	2016395036	2017248279	2017288317
<b><u>F16H 48 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>G01R 29 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G09B 29 /-</u></b>	<b><u>H03M 7 /-</u></b>
2017241832	2017240811	2017303947	2017239670 2017240831	2017240271	2017327720
<b><u>F16K 17 /-</u></b>	<b><u>F25J 1 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G09F 15 /-</u></b>	<b><u>H04B 7 /-</u></b>
2016400021	2016401829	2017303947	2017250000	2017240271	2017246414
<b><u>F16K 31 /-</u></b>	<b><u>F25J 3 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>H04L 12 /-</u></b>
2016400021	2016401829	2017245260	2017254086	2017254304 2017394369	2017266930
<b><u>F16L 27 /-</u></b>	<b><u>F25J 5 /-</u></b>	<b><u>G01T 1 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>G09G 5 /-</u></b>	<b><u>H04L 29 /-</u></b>
2017243876	2016401829	2018202844	2017229782	2016312995	2017246449
<b><u>F16L 3 /-</u></b>	<b><u>F28D 1 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G11C 5 /-</u></b>	<b><u>H04L 5 /-</u></b>
2017244135	2016401829	2017240473 2017241341	2017245260	2017244132	2017244123 2017263821
<b><u>F16L 37 /-</u></b>	<b><u>F28D 5 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06T 15 /-</u></b>	<b><u>H01G 4 /-</u></b>	<b><u>H04L 9 /-</u></b>
2017240275	2017240811	2017250112 2017252590 2017252594	2017227708	2017244132	2017243206
<b><u>F16M 11 /-</u></b>	<b><u>F28F 1 /-</u></b>			<b><u>H01M 10 /-</u></b>	<b><u>H04M 1 /-</u></b>
2017243876	2017240811			2017229172	2017266930
<b><u>F16M 13 /-</u></b>	<b><u>G01G 19 /-</u></b>				<b><u>H04N 19 /-</u></b>
2017243876	2017236200				2017263318
<b><u>F21V 13 /-</u></b>	<b><u>G01K 15 /-</u></b>				<b><u>H04N 5 /-</u></b>
2017246101	2017249704				2016398621

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**H04W 12 /-**

2017246449  
2017258184

**H04W 24 /-**

2017242357  
2017244123

**H04W 28 /-**

2016406527

**H04W 4 /-**

2017245260

**H04W 48 /-**

2017246414

**H04W 52 /-**

2016398068

**H04W 72 /-**

2017244123

**H04W 74 /-**

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2017246414

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2017244132

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**A61K 39/00** ( 2006.01 )  
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**A61K 39/39** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61M 37/00** ( 2006.01 )  
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**E04C 3/00** ( 2006.01 )  
 (43) 01.06.2017  
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**C07J 63/00** ( 2006.01 )  
**A61K 31/565** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**G06F 9/50** ( 2006.01 )  
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**F17C 13/04** ( 2006.01 )  
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**A61C 9/00** ( 2006.01 )  
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**C09D 133/26** ( 2006.01 )  
**C08F 220/44** ( 2006.01 )  
**C08F 220/54** ( 2006.01 )  
**C08L 33/08** ( 2006.01 )  
**C08L 33/10** ( 2006.01 )  
**C08L 33/12** ( 2006.01 )  
**C08L 75/04** ( 2006.01 )  
**C08L 101/12** ( 2006.01 )  
**C09D 5/02** ( 2006.01 )  
**C09D 133/08** ( 2006.01 )  
**C09D 133/10** ( 2006.01 )  
**C09D 139/06** ( 2006.01 )  
**C09D 167/02** ( 2006.01 )  
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**G06F 17/27** ( 2006.01 )  
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**C07D 403/12** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/498** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 285/135** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
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**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4402** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**C07D 213/40** ( 2006.01 )  
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**A63B 23/00** ( 2006.01 )  
**A63B 71/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61L 2/26** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 5/22** ( 2006.01 )  
**G01N 21/88** ( 2006.01 )  
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**(21)** 2015275310 **(22)** 23.12.2015  
**(54)** Nucleic acid amplification and detection apparatus and method  
**(51)** Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**(43)** 21.01.2016  
**(44)** 18.10.2018  
**(62)** 2013203281  
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**(21)** 2014369986 **(22)** 23.12.2014  
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**(51)** Int. Cl.  
**E21B 43/12** ( 2006.01 )  
**F04D 13/08** ( 2006.01 )  
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**(87)** WO2015/100286  
**(31)** 61/920,292 **(32)** 23.12.13 **(33)** US  
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**(21)** 2017219163 **(22)** 29.08.2017  
**(54)** Frac sleeve system and method for non-sequential downhole operations  
**(51)** Int. Cl.

**E21B 43/26** ( 2006.01 )  
**E21B 7/00** ( 2006.01 )  
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**E21B 23/04** ( 2006.01 )  
**E21B 17/04** ( 2006.01 )  
**E21B 23/08** ( 2006.01 )  
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**A47K 10/36** ( 2006.01 )  
**B65D 83/08** ( 2006.01 )  
**B65H 3/00** ( 2006.01 )  
**B65H 19/00** ( 2006.01 )  
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**(21)** 2013302537 **(22)** 15.08.2013  
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**(51)** Int. Cl.  
**C12N 9/42** ( 2006.01 )  
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*C08F 220/14* ( 2006.01 )  
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*F16D 51/22* ( 2006.01 )  
*F16D 65/08* ( 2006.01 )  
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*F16D 51/22* ( 2006.01 )  
*F16D 125/30* ( 2012.01 )  
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*C07K 16/28* ( 2006.01 )  
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*C07D 403/04* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 F02C 9/26 ( 2006.01 )  
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 A61K 31/444 ( 2006.01 )  
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 A61P 25/00 ( 2006.01 )  
 A61P 25/14 ( 2006.01 )  
 A61P 25/16 ( 2006.01 )  
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**C07D 498/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 (54) Polymorphs of 2-(4-(2-(1-isopropyl-3-methyl-1H-1,2,4-triazol-5-yl)-5,6-dihydrobenzo[f]imidazo[1,2-d][1,4]oxazepin-9-yl)-1H-pyrazol-1-yl)-2-methylpropanamide, methods of production, and pharmaceutical uses thereof  
 (51) Int. Cl.  
**C07D 498/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
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**A61M 3/02** ( 2006.01 )

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 C10L 3/06 ( 2006.01 )  
 E21B 43/34 ( 2006.01 )

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 C12Q 1/68 ( 2006.01 )  
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 F15B 15/10 ( 2006.01 )  
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 A61K 31/52 ( 2006.01 )  
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 A61K 31/4995 ( 2006.01 )  
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 C07D 401/14 ( 2006.01 )  
 A61K 31/437 ( 2006.01 )  
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 A61K 31/506 ( 2006.01 )  
 A61P 31/18 ( 2006.01 )  
 C07D 403/14 ( 2006.01 )  
 C07D 405/14 ( 2006.01 )  
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pounds  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
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**(54)** Polycyclic-carbamoylpyridone com-  
pounds and their pharmaceutical use  
**(51)** Int. Cl.  
**C07D 498/14** ( 2006.01 )  
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**(54)** Novel compounds  
**(51)** Int. Cl.

**C07D 471/04** ( 2006.01 )  
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**A61P 11/00** ( 2006.01 )  
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**(54)** Improved fermentation method  
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**C12M 1/00** ( 2006.01 )  
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**H04L 12/721** ( 2013.01 )  
**H04L 12/26** ( 2006.01 )  
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**(31)** 14/929,991 **(32)** 02.11.15 **(33)** US  
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MULTIPLE DEVICES  
**(51)** Int. Cl.  
**G06F 21/00** ( 2006.01 )  
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**(54)** AUTOMATIC NAPKIN DISPENSER

**(51)** Int. Cl.  
**A47K 10/34** ( 2006.01 )  
**B65H 16/02** ( 2006.01 )  
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displacement pump  
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**F04B 43/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**C02F 1/469** ( 2006.01 )  
**(87)** WO2015/021062  
**(31)** 61/881,365 **(32)** 23.09.13 **(33)** US  
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**(21)** 2014246650 **(22)** 01.04.2014  
**(54)** A wind induction roof ventilator  
**(51)** Int. Cl.  
**F24F 7/04** ( 2006.01 )  
**(87)** WO2014/161029  
**(31)** 2013901116 **(32)** 02.04.13 **(33)** AU  
2013903428 06.09.13 AU  
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**C08G 18/76** ( 2006.01 )  
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**A61H 33/02** ( 2006.01 )  
**E04H 4/14** ( 2006.01 )  
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**C07D 241/36** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
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**C07C 243/38** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
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**E04H 12/24** ( 2006.01 )  
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**H02G 7/20** ( 2006.01 )  
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**A61K 31/337** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**C07D 405/12** ( 2006.01 )  
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**A61F 2/38** ( 2006.01 )  
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**F16L 37/091** ( 2006.01 )  
**F16L 37/08** ( 2006.01 )  
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 (51) Int. Cl.  
**A61F 2/16** ( 2006.01 )  
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**G02C 7/04** ( 2006.01 )  
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**G02C 7/04** ( 2006.01 )  
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 (51) Int. Cl.  
*B02C 19/00* ( 2006.01 )  
*E21D 9/12* ( 2006.01 )  
*E21F 13/00* ( 2006.01 )  
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 (54) Method for deoxidizing Ti-Al alloy  
 (51) Int. Cl.  
*C22C 1/02* ( 2006.01 )  
*C22B 9/04* ( 2006.01 )  
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 (51) Int. Cl.  
*A61Q 5/10* ( 2006.01 )  
*A61K 8/22* ( 2006.01 )  
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*A61Q 17/04* ( 2006.01 )  
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 (51) Int. Cl.  
*A61M 1/00* ( 2006.01 )  
*F04B 33/00* ( 2006.01 )  
*F04B 37/10* ( 2006.01 )  
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 (51) Int. Cl.  
*A61M 1/00* ( 2006.01 )  
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 (54) SYSTEM AND METHODS FOR OPERATING GAMING ENVIRONMENTS  
 (51) Int. Cl.  
*H04N 19/60* ( 2014.01 )

(51) Int. Cl.  
*G07C 3/00* ( 2006.01 )  
*A63F 1/00* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
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*B65B 29/02* ( 2006.01 )  
*B65D 85/804* ( 2006.01 )  
 (87) WO2015/170165  
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 (44) 18.10.2018  
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 (21) 2016247083 (22) 19.10.2016  
 (54) Method and Apparatus for Encoding/Decoding Image  
 (51) Int. Cl.  
*H04N 19/00* ( 2014.01 )  
*H04N 19/503* ( 2014.01 )  
 (43) 10.11.2016  
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 (62) 2016201699  
 (72) Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
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 (11) AU-B-2016247085  
 (21) 2016247085 (22) 19.10.2016  
 (54) Method and Apparatus for Encoding/Decoding Image  
 (51) Int. Cl.  
*H04N 19/00* ( 2014.01 )  
*H04N 19/503* ( 2014.01 )  
 (43) 10.11.2016  
 (44) 18.10.2018  
 (62) 2016201699  
 (72) Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
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(71) KT Corporation  
 (11) AU-B-2016247090  
 (21) 2016247090 (22) 19.10.2016  
 (54) Method for encoding image, method for decoding image, image encoder, and image decoder  
 (51) Int. Cl.  
*H04N 19/60* ( 2014.01 )

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**(44)** 18.10.2018  
**(62)** 2016200532  
**(72)** Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
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**(71)** KT Corporation  
**(11)** AU-B-2016247091  
**(21)** 2016247091 **(22)** 19.10.2016  
**(54)** Method for encoding image, method for decoding image, image encoder, and image decoder  
**(51)** Int. Cl.  
**H04N 19/60** ( 2014.01 )  
**H04N 19/61** ( 2014.01 )  
**(43)** 03.11.2016  
**(44)** 18.10.2018  
**(62)** 2016200532  
**(72)** Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
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**(71)** KT Corporation  
**(11)** AU-B-2016247092 **(22)** 19.10.2016  
**(54)** Method for encoding image, method for decoding image, image encoder, and image decoder  
**(51)** Int. Cl.  
**H04N 19/60** ( 2014.01 )  
**H04N 19/61** ( 2014.01 )  
**(43)** 03.11.2016  
**(44)** 18.10.2018  
**(62)** 2016200532  
**(72)** Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
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**(11)** AU-B-2014336023  
**(21)** 2014336023 **(22)** 05.09.2014  
**(54)** Gas flow regulator, reducing valve, valve and bottle fitted with such a regulator  
**(51)** Int. Cl.  
**F16K 3/08** ( 2006.01 )  
**(87)** WO2015/055906  
**(31)** 1360166 **(32)** 18.10.13 **(33)** FR  
**(43)** 23.04.2015  
**(44)** 18.10.2018  
**(72)** Germani, Damien; Rudnianyn, Philippe; Graviere, Vincent; Trevisan, Adrien  
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**(54)** Waterproof case  
**(51)** Int. Cl.  
**H05K 5/06** ( 2006.01 )  
**B65D 85/00** ( 2006.01 )  
**(87)** WO2015/105894

**(31)** 61/924,494 **(32)** 07.01.14 **(33)** US  
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**(11)** AU-B-2015330916  
**(21)** 2015330916 **(22)** 07.10.2015  
**(54)** Projecting containment force for load wrapping apparatus  
**(51)** Int. Cl.  
**B65B 57/18** ( 2006.01 )  
**B65B 11/02** ( 2006.01 )  
**B65B 11/04** ( 2006.01 )  
**B65B 11/58** ( 2006.01 )  
**B65B 57/04** ( 2006.01 )  
**B65B 57/12** ( 2006.01 )  
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**(31)** 62/060,784 **(32)** 07.10.14 **(33)** US  
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**(43)** 14.04.2016  
**(44)** 18.10.2018  
**(72)** Lancaster III, Patrick R.; Mitchell, Michael P.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Lawrie, N.  
**(11)** AU-B-2015204865  
**(21)** 2015204865 **(22)** 07.01.2015  
**(54)** Portable massage roller  
**(51)** Int. Cl.  
**A61H 15/00** ( 2006.01 )  
**(87)** WO2015/105913  
**(31)** 14/591,844 **(32)** 07.01.15 **(33)** US  
 61/924,610 07.01.14 US  
**(43)** 16.07.2015  
**(44)** 18.10.2018  
**(72)** Lawrie, Nathan Earl  
**(74)** Peter Maxwell & Associates

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**(11)** AU-B-2017210540  
**(21)** 2017210540 **(22)** 02.08.2017  
**(54)** Filter system  
**(51)** Int. Cl.  
**C02F 1/28** ( 2006.01 )  
**B01J 20/02** ( 2006.01 )  
**C01B 32/30** ( 2017.01 )  
**C02F 1/62** ( 2006.01 )  
**(31)** 10-2016-0100233 **(32)** 05.08.16 **(33)** KR  
 10-2016-0102216 11.08.16 KR  
**(43)** 22.02.2018  
**(44)** 18.10.2018  
**(72)** Kim, Dohee; Lee, Junseok  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Liebherr-Components Biberach GmbH  
**(11)** AU-B-2014314632  
**(21)** 2014314632 **(22)** 24.07.2014  
**(54)** Device for detecting the replacement state of wear of a high-strength fibre rope during use in lifting gear  
**(51)** Int. Cl.  
**B66C 15/00** ( 2006.01 )  
**B66D 1/54** ( 2006.01 )

**G01N 3/08** ( 2006.01 )  
**(87)** WO2015/028113  
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**(72)** Mupende, Ilaka; Zerza, Horst  
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**(21)** 2014203764

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**(11)** AU-B-2014350166  
**(21)** 2014350166 **(22)** 14.11.2014  
**(54)** A riser connector assembly  
**(51)** Int. Cl.  
**F16L 37/113** ( 2006.01 )  
**E21B 17/08** ( 2006.01 )  
**(87)** WO2015/071411  
**(31)** 20131518 **(32)** 15.11.13 **(33)** NO  
**(43)** 21.05.2015  
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**A61F 5/41** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )

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**(74)** Allens Patent & Trade Mark Attorneys

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**(54)** ROBOTIC SYSTEMS, ROBOTIC SYSTEM USER INTERFACES, HUMAN INTERFACE DEVICES FOR CONTROLLING ROBOTIC SYSTEMS AND METHODS OF CONTROLLING ROBOTIC SYSTEMS  
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**(54)** Voltage dividing capacitor  
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**H01H 33/66** ( 2006.01 )  
**H01G 4/228** ( 2006.01 )  
**H01G 4/38** ( 2006.01 )  
**H01G 4/40** ( 2006.01 )  
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**E02F 9/28** ( 2006.01 )  
**E21C 35/18** ( 2006.01 )  
**F16B 37/12** ( 2006.01 )

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**A61F 2/90** ( 2013.01 )  
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**H04L 12/26** ( 2006.01 )  
**H04L 12/46** ( 2006.01 )  
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**F25J 1/00** ( 2006.01 )  
**F25J 3/06** ( 2006.01 )  
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**A61G 7/00** ( 2006.01 )  
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A23L 7/10 ( 2016.01 )  
C07K 14/415 ( 2006.01 )  
C12N 15/82 ( 2006.01 )  
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A61P 29/00 ( 2006.01 )  
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phosphatidylinositol 3-kinase delta in-  
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C07D 405/12 ( 2006.01 )  
A61K 31/506 ( 2006.01 )  
A61P 11/06 ( 2006.01 )  
A61P 19/02 ( 2006.01 )  
A61P 19/08 ( 2006.01 )  
A61P 27/04 ( 2006.01 )  
A61P 27/14 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
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A61P 37/08 ( 2006.01 )  
C07D 401/12 ( 2006.01 )  
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C07C 323/25 ( 2006.01 )  
A61K 31/225 ( 2006.01 )  
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C07D 281/18 ( 2006.01 )  
C07D 417/04 ( 2006.01 )  
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Steven  
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having a lightweight midsole with seg-  
mented protective elements  
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A43B 13/04 ( 2006.01 )  
A43B 13/12 ( 2006.01 )  
A43B 13/14 ( 2006.01 )  
A43B 13/16 ( 2006.01 )  
A43B 13/18 ( 2006.01 )  
A43B 23/02 ( 2006.01 )  
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C22C 38/00 ( 2006.01 )  
C21D 9/04 ( 2006.01 )  
C22C 38/24 ( 2006.01 )  
C22C 38/54 ( 2006.01 )  
C21D 8/00 ( 2006.01 )  
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resistance, and method for manufactur-  
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C23C 2/12 ( 2006.01 )  
C22C 21/02 ( 2006.01 )  
C23C 2/28 ( 2006.01 )  
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**G11C 7/12** ( 2006.01 )  
**G11C 7/22** ( 2006.01 )  
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**C25B 1/12** ( 2006.01 )  
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**C07D 211/88** ( 2006.01 )  
**A61K 31/45** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 47/00** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
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*C12N 15/63* ( 2006.01 )  
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*C12N 15/79* ( 2006.01 )  
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*A61K 9/06* ( 2006.01 )  
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 cessing, Sinopec; China Petroleum &  
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 tion and use  
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 elements  
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**F41H 5/013** ( 2006.01 )  
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**(54)** Carbohydrate detection  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**C07D 333/24** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
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 epithelial cell sheet  
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**A61L 27/00** ( 2006.01 )  
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 Technologies LLC**  
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**(21)** 2014402777 **(22)** 28.10.2014  
**(54)** Retractable truck bed cover having slat  
 array with flexible joiner members and  
 shielded seams  
**(51)** Int. Cl.  
**B60P 7/02** ( 2006.01 )  
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**(54)** Cartridge  
**(51)** Int. Cl.  
**F42B 5/067** ( 2006.01 )  
**F42B 5/02** ( 2006.01 )  
**F42B 14/02** ( 2006.01 )  
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**E06C 7/44** ( 2006.01 )  
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**(51)** Int. Cl.

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 eases involving CXCL12 activity  
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**A61P 3/08** ( 2006.01 )  
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 of an electronic device  
**(51)** Int. Cl.  
**H04W 4/02** ( 2009.01 )  
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 (54) Ester derivative of 7-alpha-[9-(4,4,5,5,5-pentafluoropentylsulphinyl)nonyl]oestra-1,3,5(10)-triene-3,17beta-diol having antitumour activity and preparation method thereof

- (51) Int. Cl.  
*C07J 1/00* ( 2006.01 )  
*A61K 31/565* ( 2006.01 )  
*C07J 75/00* ( 2006.01 )

- (87) WO2014/169462  
 (43) 23.10.2014  
 (44) 18.10.2018  
 (72) Jiao, Yaqi; Wang, Jiucheng; Hu, Renle  
 (74) Collison & Co

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- (71) Xu, M.  
 (11) AU-B-2016273817  
 (21) 2016273817 (22) 08.01.2016  
 (54) Folding vehicle roof top tent  
 (51) Int. Cl.  
*B60P 3/34* ( 2006.01 )  
 (87) WO2017/004972  
 (31) 201520493442.4 (32) 06.07.15 (33) CN  
 (43) 02.02.2017  
 (44) 18.10.2018  
 (72) Xu, Mengfei  
 (74) Acacia Law

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- (71) Yang, H.  
 (11) AU-B-2016396710  
 (21) 2016396710 (22) 15.12.2016  
 (54) Biodegradable polyester composition  
 (51) Int. Cl.  
*C08L 67/02* ( 2006.01 )  
*C08K 3/26* ( 2006.01 )  
*C08K 3/34* ( 2006.01 )  
*C08K 5/07* ( 2006.01 )  
*C08K 5/11* ( 2006.01 )  
*C08K 5/20* ( 2006.01 )  
*C08K 13/02* ( 2006.01 )  
*C08L 3/02* ( 2006.01 )  
*C08L 67/04* ( 2006.01 )

- (87) WO2017/152678  
 (31) 201610126865.1 (32) 07.03.16 (33) CN  
 (43) 14.09.2017  
 (44) 18.10.2018  
 (72) Lu, Changli; Yuan, Zhimin; Cai, Tongmin; Huang, Xianbo; Zeng, Xiangbin; Jiao, Jian; Yuan, Renxu; Zhong, Yuke; Xiong, Kai; Yang, Hui; Mai, Kaijin; Dong, Xueting  
 (74) FB Rice Pty Ltd

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- (71) Zhejiang Yat Electrical Appliance Co., Ltd  
 (11) AU-B-2014396653  
 (21) 2014396653 (22) 23.07.2014

- (54) Embedded-outer rotor motor direct driven mower driving wheel and mower  
 (51) Int. Cl.  
*A01D 34/00* ( 2006.01 )  
*A01D 69/02* ( 2006.01 )  
*B60B 15/18* ( 2006.01 )  
*B60K 7/00* ( 2006.01 )  
 (87) WO2015/184673  
 (31) 201410250285.4 (32) 06.06.14 (33) CN  
 (43) 10.12.2015  
 (44) 18.10.2018  
 (72) Zheng, Yaping; Li, Daoyan; He, Zhiqiang  
 (74) Shelston IP Pty Ltd.

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- (71) Zoetis Services LLC  
 (11) AU-B-2015214055  
 (21) 2015214055 (22) 06.02.2015  
 (54) Egg lifting device, and associated systems and methods  
 (51) Int. Cl.  
*A01K 43/00* ( 2006.01 )  
*A47J 29/06* ( 2006.01 )  
*B65B 23/08* ( 2006.01 )  
 (87) WO2015/120230  
 (31) 62/094,301 (32) 19.12.14 (33) US  
 61/937,722 10.02.14 US  
 (43) 13.08.2015  
 (44) 18.10.2018  
 (72) Suh, William Dongwook  
 (74) Davies Collison Cave Pty Ltd

Numerical Index

<b>2012216768</b>	Grgic, S.	<b>2014253496</b>	Research Institute of Petroleum Processing, Sinopec; China Petroleum & Chemical Corporation
<b>2012307022</b>	Avale Enterprises Pty Ltd	<b>2014254551</b>	Browns Brushware Limited
<b>2012387651</b>	Art Plastics Pty Ltd	<b>2014257072</b>	AbbVie Inc.
<b>2012388796</b>	Interactive Intelligence, Inc.	<b>2014259565</b>	Hydrodec Development Corporation Pty Ltd
<b>2013221356</b>	The Regents of the University of California	<b>2014261894</b>	F. Hoffmann-La Roche AG
<b>2013222043</b>	SAMSUNG ELECTRONICS CO., LTD.	<b>2014262517</b>	The UAB Research Foundation; Southern Research Institute
<b>2013232114</b>	Omeros Corporation; University of Washington through its Center for Commercialization	<b>2014264537</b>	Gambro Lundia AB
<b>2013242403</b>	CureVac AG	<b>2014264650</b>	Erytech Pharma
<b>2013242851</b>	Wilcox Industries Corp.	<b>2014265460</b>	Micell Technologies, Inc.
<b>2013263827</b>	SAMSUNG ELECTRONICS CO., LTD.	<b>2014265552</b>	Johnson & Johnson Vision Care, Inc.
<b>2013285614</b>	Richter Life Science Development AB	<b>2014267490</b>	Hoganas AB (publ)
<b>2013290589</b>	Elwha LLC	<b>2014268710</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2013290826</b>	Bayer New Zealand Limited	<b>2014274584</b>	JPM SAS
<b>2013290827</b>	Bayer New Zealand Limited	<b>2014274864</b>	Salk Institute for Biological Studies
<b>2013299576</b>	Palmaz Scientific, Inc.	<b>2014274877</b>	Nuvera Fuel Cells, LLC
<b>2013301607</b>	Merck Patent GmbH	<b>2014283334</b>	Janssen Vaccines & Prevention B.V.
<b>2013302537</b>	Bangladesh Jute Research Institute	<b>2014286995</b>	Gilead Sciences, Inc.
<b>2013306720</b>	Riken	<b>2014290406</b>	Firefly Medical, Inc.
<b>2013308647</b>	Gen-Probe Incorporated	<b>2014298953</b>	Orthofix S.r.l.
<b>2013309425</b>	Medtronic Minimed, Inc.	<b>2014302083</b>	Donaldson Company, Inc.
<b>2013311781</b>	Sylentis SAU	<b>2014305659</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2013313715</b>	Sirius Technology AS	<b>2014306078</b>	Gradiant Corporation
<b>2013318059</b>	Regeneron Pharmaceuticals, Inc.	<b>2014306635</b>	DFI USA, LLC
<b>2013323775</b>	University of Washington through its Center for Commercialization	<b>2014307526</b>	Nisshin Steel Co., Ltd.
<b>2013329097</b>	Southern Research Institute	<b>2014309112</b>	Comfortex Window Fashions
<b>2013341703</b>	Smith & Loveless, Inc.	<b>2014310916</b>	Boehringer Ingelheim Vetmedica GmbH
<b>2013354179</b>	Global Bioenergies	<b>2014313868</b>	Forpac S.r.l.
<b>2013356433</b>	Chevron U.S.A. Inc.	<b>2014314632</b>	Liebherr-Components Biberach GmbH
<b>2013361366</b>	Sloan-Kettering Institute for Cancer Research	<b>2014317455</b>	Nuovo Pignone Srl
<b>2013370228</b>	Janssen Biotech, Inc.	<b>2014318369</b>	Mars, Incorporated
<b>2013374290</b>	ExxonMobil Upstream Research Company	<b>2014320030</b>	Inspired Designs Limited
<b>2013386732</b>	Xi'an Libang Pharmaceutical Technology Co., Ltd.	<b>2014323712</b>	Cleverdent Ltd
<b>2013399816</b>	COSSINGTON LIMITED	<b>2014324010</b>	Rattelade, B.
<b>2013403224</b>	Microsoft Technology Licensing, LLC	<b>2014327105</b>	Evisive, LLC
<b>2013404949</b>	Deciphera Pharmaceuticals, LLC	<b>2014328397</b>	Sepro Mineral Systems Corp.
<b>2014203283</b>	The Boeing Company	<b>2014329437</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; F. Hoffmann-La Roche AG
<b>2014203764</b>	THOMAS, S.; MAJEED, M.; MAJEED, A.; NAGAB-HUSHANAM, K.	<b>2014330860</b>	Richter Gedeon Nyrt.
<b>2014204045</b>	Rempex Pharmaceuticals, Inc.	<b>2014331234</b>	Depuy Ireland Unlimited Company
<b>2014207502</b>	Stryker Corporation	<b>2014332219</b>	Capbran Holdings, LLC
<b>2014209177</b>	Sinopsys Surgical, Inc.	<b>2014334816</b>	ContraMed, LLC
<b>2014209521</b>	Seno Medical Instruments, Inc.	<b>2014336023</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude
<b>2014210362</b>	Regtop, H.L.; Biffin, J.R.	<b>2014338927</b>	RUAG Ammotec GmbH
<b>2014212206</b>	Vaccinex, Inc.	<b>2014339093</b>	Re-Match (UK) Limited
<b>2014221188</b>	Tyco Fire & Security GmbH	<b>2014340114</b>	Academia Sinica
<b>2014223337</b>	Hubbell Incorporated; Corning Cable Systems LLC	<b>2014341125</b>	Daiwa Steel Tube Industries Co., Ltd.
<b>2014223658</b>	BPSI Holdings, LLC.	<b>2014345407</b>	AstraZeneca AB
<b>2014225708</b>	Baylor College of Medicine	<b>2014346393</b>	Hellmann, N.
<b>2014226741</b>	Hanmi Pharm. Co., Ltd.	<b>2014349246</b>	Obschestvo S Ogranichennoi Otvetstvennostiyu "Pharmenterprises"
<b>2014227481</b>	Covidien LP	<b>2014350166</b>	Maritime Promeco AS
<b>2014227709</b>	Seno Medical Instruments, Inc.	<b>2014351645</b>	Dynaes
<b>2014231665</b>	Synaptive Medical (Barbados) Inc.	<b>2014351648</b>	Dynaes
<b>2014233570</b>	Palantir Technologies, Inc.	<b>2014352371</b>	Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.
<b>2014233805</b>	Novartis AG	<b>2014357611</b>	Schlumberger Technology B.V.
<b>2014235039</b>	Dana-Farber Cancer Institute, Inc.	<b>2014360452</b>	Intra-Cellular Therapies, Inc.
<b>2014236221</b>	Benitez, E.	<b>2014363284</b>	Air Liquide Sante (International)
<b>2014238182</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2014364348</b>	Detica Patent Limited
<b>2014238546</b>	BiocerOX Products B.V.; Janssen Pharmaceuticals, Inc.	<b>2014365166</b>	Veolia Water Solutions & Technologies Support
<b>2014240306</b>	John Guest International Limited	<b>2014366887</b>	Renergi Pty Ltd
<b>2014240315</b>	Covidien LP	<b>2014368588</b>	Philip Morris Products S.A.
<b>2014240327</b>	Covidien LP	<b>2014369339</b>	DSM Nutritional Products AG
<b>2014241394</b>	CONMED Corporation		
<b>2014241581</b>	Joy Global Underground Mining LLC		
<b>2014243720</b>	Everist Genomics, Inc.		
<b>2014246650</b>	Green Technology Systems Pty Ltd		
<b>2014253275</b>	Siena Biotech S.p.A.; F. Hoffmann-La Roche AG		

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2014369953	Dow Global Technologies LLC	2015313211	Morinaga Milk Industry Co., Ltd.
2014369986	Baker Hughes, a GE company, LLC	2015314491	Weidmuller Interface GmbH & Co. KG
2014381625	Graco Minnesota Inc.	2015314958	GE Oil & Gas Pressure Control LP
2014385190	West, J.; Ryan, J.; Estwing Manufacturing Company, Inc.; Flosi, S.	2015316192	Heart Research Institute Ltd
2014385789	Compass Minerals Manitoba Inc.	2015316320	Samsung Electronics Co., Ltd.
2014396653	Zhejiang Yat Electrical Appliance Co., Ltd	2015319188	The Yokohama Rubber Co., Ltd.
2014397223	CIMC Enric Investment Holdings (Shenzhen) Co., Ltd.; China International Marine Containers (Group) Ltd.; Nantong CIMC Tank Equipment Co., Ltd.	2015320675	Gilead Sciences, Inc.
2014398063	Dow Global Technologies LLC; Rohm and Haas Company	2015320858	GlaxoSmithKline Intellectual Property Development Limited
2014401578	Huawei Technologies Co., Ltd.	2015321001	Saint-Gobain Glass France
2014402777	Roll-N-Lock Corporation	2015321012	British Steel Limited
2014412066	Halliburton Energy Services, Inc.	2015327573	Huawei Technologies Co., Ltd.
2014413559	Huawei Technologies Co., Ltd.	2015327905	DuPont Nutrition USA, Inc.
2014415557	Halliburton Energy Services, Inc.	2015328946	CJ CheilJedang Corp.
2014415587	Halliburton Energy Services, Inc.	2015330771	Novartis AG
2015200646	Transtech Research Pty Ltd	2015330916	LanTech.Com, LLC
2015202597	The Boeing Company	2015335797	Dudkiewicz, R.; Dudkiewicz, D.
2015202751	Deere & Company	2015336969	Exxonmobil Upstream Research Company
2015204846	Lai, J.; Wright, J.; Catalyst Lifestyle Limited	2015339654	Bendix Spicer Foundation Brake LLC
2015204865	Lawrie, N.	2015339655	Bendix Spicer Foundation Brake LLC
2015207497	Allnex Netherlands B.V.	2015340844	International Business Machines Corporation
2015214055	Zoetis Services LLC	2015342027	OpenTV, Inc.
2015214291	United States Mineral Products Company	2015342241	Dräger Safety AG & Co. KGaA
2015214449	Todos Santos Surf, Inc.	2015343224	The Procter & Gamble Company
2015217773	Sandvik Intellectual Property AB	2015343246	Daylight Medical, Inc.
2015219038	Children's Hospital Los Angeles	2015345990	Elmo Park Pty. Ltd.
2015222229	Syngenta Participations AG	2015346100	Warsaw Orthopedic, Inc.
2015224387	The Boeing Company	2015355135	Eli Lilly and Company
2015226829	Pivotray Pty Ltd	2015359323	Nagravision S.A.
2015226843	Hard Metals Australia Pty Limited	2015367695	OMYA International AG
2015238296	Janssen Pharmaceutica NV	2015369930	Colgate-Palmolive Company
2015243346	NeuroVive Pharmaceutical AB	2015380409	Ojai Retinal Technology, LLC
2015243469	Tessengerlo Kerley, Inc.	2015382417	Halliburton Energy Services, Inc.
2015243584	Rheinmetall MAN Military Vehicles GmbH	2015384166	HALLIBURTON ENERGY SERVICES, INC.
2015243714	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG	2015385794	Halliburton Energy Services, Inc.
2015255078	Subsea 7 Limited	2015385796	Halliburton Energy Services, Inc.
2015256589	Microsoft Technology Licensing, LLC	2015385862	Colgate-Palmolive Company
2015257447	Koninklijke Douwe Egberts B.V.	2015386336	Sony Corporation
2015257766	Kao Germany GmbH	2015394224	Jiansu Okani Medical Technology Co., Ltd
2015259714	Baker Hughes Incorporated	2015395527	Huawei Technologies Co., Ltd.
2015260930	Technip France	2015396957	CPG Technologies, LLC
2015261694	Biomerics, LLC	2015399477	Colgate-Palmolive Company
2015270772	Metalogenia Research & Technologies S.L.	2015408848	Huawei Technologies Co., Ltd
2015271328	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Advenchen Laboratories Nanjing Ltd.	2015411427	Dia-Vit Ltd.
2015271816	East Penn Manufacturing Co.	2016201144	NuVasive Specialized Orthopedics, Inc.
2015275310	Axxin Pty Ltd	2016201549	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
2015276427	Huntsman International LLC	2016201569	Rundle, K.
2015278590	Sumitomo Chemical Company, Limited	2016201859	W. L. Gore & Associates, Inc.
2015280204	Placon Therapeutics, Inc.	2016202492	CIMPAX ApS
2015283151	BASF SE	2016204321	Implantica Patent Ltd.
2015283998	General Electric Company	2016205781	Mitsubishi Heavy Industries Engineering, Ltd.
2015286981	Inventio AG	2016206400	OneMarket Network LLC
2015287953	Valent BioSciences Corporation	2016206765	New Chapter, Inc.
2015289455	BLY IP Inc.	2016207060	Cook Medical Technologies LLC
2015289657	Accuweather, Inc.	2016208296	Avent, Inc.
2015293584	Dogliotti, A.; SAES Getters S.P.A.	2016208404	CareFusion 303, Inc.
2015294337	General Electric Company	2016208768	Hugo Vogelsang Maschinenbau GmbH
2015301623	The Procter & Gamble Company	2016210107	Nippon Steel & Sumitomo Metal Corporation
2015301624	The Procter & Gamble Company	2016211916	3M Innovative Properties Company
2015306260	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2016222039	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
2015308437	Asceneuron SA	2016223248	Halliburton Energy Services, Inc.
2015308907	Gilead Sciences, Inc.	2016224200	Samsung Electronics Co., Ltd.
2015310727	Dyson Technology Limited	2016225913	UTI Limited Partnership
2015311408	Jiangsu Shenma Electric Co.,Ltd.	2016226473	Northrop Grumman Systems Corporation
2015311732	Molnlycke Health Care AB	2016228273	BEDFORD INDUSTRIES, INC.
2015312896	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	2016228634	Nanjing Sanhome Pharmaceutical Co., Ltd.
		2016228775	Robert Bosch GmbH
		2016230139	Suntory Holdings Limited
		2016231470	KCI Licensing, Inc.
		2016235024	Shanghai Xinshenpai Technology Co., Ltd.

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2016235375	Conmed Corporation	2017201866	Board of Regents of the University of Nebraska
2016235984	Dropbox, Inc.	2017201947	Implantica Patent Ltd.
2016236471	Siemens Aktiengesellschaft	2017202080	J.R. Simplot Company
2016238923	Jonathan Livingston Engineering Co., Ltd.	2017202090	Owens-Brockway Glass Container Inc.
2016244254	Gilead Biologics, Inc.	2017202181	Covidien LP
2016244273	Bioverativ Therapeutics Inc.	2017202580	Intrexon Corporation
2016244308	Konami Gaming, Incorporated	2017202762	Becton, Dickinson and Company
2016244386	Telefonaktiebolaget LM Ericsson (publ)	2017202858	MedicalTree Patent Ltd
2016247083	KT Corporation	2017202978	X Development LLC
2016247085	KT Corporation	2017203065	Dyson Technology Limited
2016247090	KT Corporation	2017203114	AAR Manufacturing, Inc
2016247091	KT Corporation	2017203246	Wellesley Pharmaceuticals, LLC
2016247092	KT Corporation	2017203436	Ionis Pharmaceuticals, Inc.
2016248928	International Electronic Machines Corporation	2017203571	Huawei Technologies Co., Ltd.
2016249176	Tianjin Meiteng Technology Co., Ltd.	2017203597	Fate Therapeutics, Inc.
2016249245	Ball Corporation	2017203633	Medrobotics Corporation
2016252193	JFE Steel Corporation	2017203660	Jobdog, LLC; Imagineering Plus Plus LLC
2016252401	Heatgenie, Inc	2017203817	F. Hoffmann-La Roche AG
2016257148	Nufarm Australia Limited	2017203819	F. Hoffmann-La Roche AG
2016259338	Taiwan Paiho Limited	2017203923	Novartis AG
2016259407	Single Buoy Moorings, Inc	2017204084	Johnson & Johnson Vision Care, Inc.
2016259852	Intex Marketing Ltd.	2017204203	Accenture Global Solutions Limited
2016262717	Si, S.H.P.S.T.Z.G.L.Y.X.G.	2017204217	Apple Inc.
2016262722	Gilead Sciences, Inc.	2017204256	Heptares Therapeutics Limited
2016262767	Hunter Douglas Industries B.V.	2017204281	Halliburton Energy Services, Inc.
2016264201	MTD Products Inc.	2017204329	Symbol Technologies, LLC.
2016264380	Huawei Technologies Co., Ltd.	2017204438	Monsanto Technology LLC
2016266049	Pathologica LLC	2017206112	Universal Research Solutions, LLC
2016266942	Biotheryx, Inc.	2017208576	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2016272315	Solystic	2017210540	LG Electronics Inc.
2016273214	Medigene Immunotherapies GmbH	2017213564	Regeneron Pharmaceuticals, Inc.
2016273817	Xu, M.	2017219033	Synthes GmbH
2016273877	Ferring BV	2017219163	Baker Hughes, a GE company, LLC
2016273892	Sumitomo Rubber Industries, Ltd.	2017219166	CEM Corporation
2016276703	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.	2017228608	Otsuka Pharmaceutical Co., Ltd.
2016276717	PPG Industries Ohio, Inc.	2017232043	Google LLC
2016277520	Totani Corporation	2017232449	Meidensha Corporation
2016277549	Intex Holdings Pty Ltd	2017245397	Commonwealth Scientific and Industrial Research Organisation
2016277565	Nitto Kohki Co., Ltd.	2017247025	FLSmidth A/S
2016277595	KCI Licensing, Inc.	2017258975	Spero, M.
2016277677	The Board of Regents, The University of Texas System	2017258980	Watt Fuel Cell Corp.
2016277695	Owens-Brockway Glass Container Inc.	2017279726	GPCP IP Holdings LLC
2016279144	Hohai University	2017345005	Carl Zeiss Vision International GmbH
2016294421	Cabot Corporation	2018200646	Uber Technologies, Inc.
2016294426	Cabot Corporation	2018201278	Propex Operating Company, LLC
2016295668	Guangdong United Industries Far East Co., Ltd	2018201323	Coloplast A/S
2016301134	TM IP Holdings, LLC	2018201914	Fung, J.
2016307570	Samsung Electronics Co., Ltd.	2018202874	Align Technology, Inc.
2016310475	Eli Lilly and Company	2018207704	GRST International Limited
2016310964	Samsung Electronics Co., Ltd.	2018214111	Der-Chang John Lee atf Ikhtus Trust
2016318825	Boly Media Communications (Shenzhen) Co., Ltd.		
2016348234	Google LLC		
2016355060	Verily Life Sciences LLC		
2016386887	Equinix, Inc.		
2016391059	FMC Technologies, Inc.		
2016396710	Yang, H.		
2016401640	Husqvarna AB		
2017200204	The Procter & Gamble Company		
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2017200277	Ionis Pharmaceuticals, Inc.		
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	2013404949	2016276703	2017201617	2015335797	2016266049
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	2013404949	<b><u>A46B 5 /-</u></b>	2016202492	2014334816	2017203436
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	2015367695	2016208404	2015411427	2016208404	2015280204
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2015345990		<b><u>A47J 37 /-</u></b>	2016276703	<b><u>A61H 1 /-</u></b>	2014243720
	2015367695	2014236221		2016277677	2015238296
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2018201278		<b><u>A47J 43 /-</u></b>	2014209521	<b><u>A61G 15 /-</u></b>	2017203597
	2015367695	2014346393	2014227709	2015204865	<b><u>A61K 36 /-</u></b>
<b><u>A01G 25 /-</u></b>			2014231665		2014305659
2016401640		<b><u>A47J 44 /-</u></b>		<b><u>A61H 33 /-</u></b>	2016206765
	2015327905	2014332219		2016259852	<b><u>A61K 38 /-</u></b>
<b><u>A01G 9 /-</u></b>			<b><u>A61B 90 /-</u></b>		
2018201278		<b><u>A47K 1 /-</u></b>	2014207502	<b><u>A61J 7 /-</u></b>	2014235039
	2016230139	2012387651		2016208404	2014262517
<b><u>A01H 1 /-</u></b>			<b><u>A61C 13 /-</u></b>		2014329437
2014305659		<b><u>A47K 10 /-</u></b>	2018201914	<b><u>A61K 31 /-</u></b>	2015219038
	2014318369	2016249245		2013290826	2016225913
<b><u>A01K 21 /-</u></b>		2017279726	<b><u>A61C 17 /-</u></b>	2013290827	2016310475
2014334816				2013311781	2017203597
	2017204438	<b><u>A47K 11 /-</u></b>	<b><u>A61C 7 /-</u></b>	2013329097	<b><u>A61K 39 /-</u></b>
<b><u>A01K 43 /-</u></b>		2013313715	2018202874	2013386732	2013318059
2015214055				2014204045	2014225708
	2014368588	<b><u>A47L 13 /-</u></b>	<b><u>A61C 9 /-</u></b>	2014210362	2015330771
<b><u>A01M 29 /-</u></b>		2014254551	2015385862	2014223658	2016211916
2015278590			2018202874	2014233805	2017203923
	2013242851	<b><u>A47L 9 /-</u></b>		2014253275	<b><u>A61K 45 /-</u></b>
<b><u>A01N 25 /-</u></b>		2015310727	<b><u>A61D 7 /-</u></b>	2014257072	
2016257148			2014310916	2014261894	2014233805
	2017201420	<b><u>A61B 1 /-</u></b>		2014264537	<b><u>A61K 47 /-</u></b>
<b><u>A01N 31 /-</u></b>		2014323712	<b><u>A61F 2 /-</u></b>	2014274864	
2016257148			2013399816	2014286995	2014305659
	2017201420	<b><u>A61B 17 /-</u></b>	2014238182	2014345407	2014349246
<b><u>A01N 33 /-</u></b>		2014227481	2014241394	2014349246	2014352371
2016257148		2014231665	2014265460	2014360452	2014360452
	2016259338	2014240315	2015346100	2015219038	2015219038
<b><u>A01N 37 /-</u></b>		2014240327	2015394224	2015238296	2016211916
2015287953		2014241394	2016204321	2015243346	2016310475
2015367695		2014298953	2016207060	2015271328	2017228608
	2017203065	2014331234	2016355060	2015280204	<b><u>A61K 48 /-</u></b>
		2016201144	2017200339	2015308437	2017200277
			2017201165	2015308907	
			2017201947	2015320675	

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<b><u>A61K 49 /-</u></b>	<b><u>A61M 37 /-</u></b>	<b><u>A61P 33 /-</u></b>	<b><u>B01D 46 /-</u></b>	<b><u>B25J 5 /-</u></b>	2015200646
2013361366	2016211916	2017200362	2014302083	2016206400	<b><u>B60R 21 /-</u></b>
<b><u>A61K 51 /-</u></b>	<b><u>A61M 39 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01F 13 /-</u></b>	<b><u>B25J 9 /-</u></b>	2018200646
2013361366	2014231665	2013318059	2014332219	2017203633	<b><u>B60W 40 /-</u></b>
<b><u>A61K 8 /-</u></b>	<b><u>A61M 5 /-</u></b>	2014233805	2014253275	<b><u>B26D 3 /-</u></b>	2018200646
2015257766	2015355135	2014274864	2014346393	2017202080	<b><u>B62C 1 /-</u></b>
2015301623	2017202762	2014352371	<b><u>B01J 19 /-</u></b>	<b><u>B27B 5 /-</u></b>	2015226829
2015301624	2017202858	2015243346	2017258980	<b><u>B27G 19 /-</u></b>	2015226829
2015343224	<b><u>A61N 1 /-</u></b>	2015271328	<b><u>B01J 20 /-</u></b>	2016228775	<b><u>B62D 33 /-</u></b>
2015369930	2017201947	2015308437	2017210540	<b><u>B29B 17 /-</u></b>	2015260930
2017200204	<b><u>A61P 1 /-</u></b>	2015320675	<b><u>B01J 29 /-</u></b>	2014339093	<b><u>B63B 3 /-</u></b>
<b><u>A61K 9 /-</u></b>	2014274864	2016228634	2014253496	<b><u>B29C 47 /-</u></b>	2015214449
2013290826	2014349246	2016266942	<b><u>B02C 13 /-</u></b>	2015314491	2015260930
2013290827	2014274864	2017201779	2016201549	<b><u>B31B 50 /-</u></b>	<b><u>B63B 35 /-</u></b>
2014223658	2014349246	2017203597	<b><u>B02C 19 /-</u></b>	2016277520	2015214449
2014264650	2014349246	2017203817	2014241581	<b><u>B32B 27 /-</u></b>	2015260930
2016206765	2015320858	2017203819	<b><u>B02C 2 /-</u></b>	2015214291	2016259407
2016211916	2016228634	<b><u>A61P 37 /-</u></b>	2015243714	<b><u>B32B 5 /-</u></b>	<b><u>B63H 25 /-</u></b>
2016266049	2016266049	2014349246	<b><u>B03B 9 /-</u></b>	2016208296	2015214449
2016273877	<b><u>A61P 11 /-</u></b>	2016225913	2014328397	<b><u>B60B 15 /-</u></b>	2015293584
2016310475	2014349246	2016228634	<b><u>B05B 11 /-</u></b>	<b><u>B60C 13 /-</u></b>	<b><u>B64C 13 /-</u></b>
2017228608	2015320858	<b><u>A61P 43 /-</u></b>	2014310916	2014396653	2015224387
<b><u>A61L 2 /-</u></b>	2016228634	2014210362	<b><u>B05C 17 /-</u></b>	<b><u>B60C 13 /-</u></b>	<b><u>B64F 3 /-</u></b>
2014318369	2016266049	2015313211	2015385862	2015319188	2017202978
2015343246	<b><u>A61P 25 /-</u></b>	2016273877	<b><u>B07B 4 /-</u></b>	<b><u>B60C 23 /-</u></b>	<b><u>B65B 11 /-</u></b>
2016208296	2014253275	<b><u>A61P 5 /-</u></b>	2016249176	2016238923	2014313868
<b><u>A61L 24 /-</u></b>	2014261894	2014274864	<b><u>B07C 3 /-</u></b>	<b><u>B60C 9 /-</u></b>	2015330916
2017201617	2014345407	<b><u>A61P 7 /-</u></b>	2016272315	2016273892	<b><u>B65B 21 /-</u></b>
<b><u>A61L 27 /-</u></b>	2015308437	2014264537	<b><u>B09B 3 /-</u></b>	<b><u>B60J 5 /-</u></b>	2014313868
2013306720	2016230139	2017204256	2016279144	2015200646	<b><u>B65B 23 /-</u></b>
2015316192	2017204256	2017228608	<b><u>B21C 37 /-</u></b>	<b><u>B60K 7 /-</u></b>	2015214055
<b><u>A61L 31 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>A61Q 11 /-</u></b>	2014341125	<b><u>B60C 7 /-</u></b>	<b><u>B65B 29 /-</u></b>
2014265460	2013306720	2015301623	<b><u>B23B 45 /-</u></b>	<b><u>B60P 1 /-</u></b>	2015257447
<b><u>A61L 33 /-</u></b>	2016228634	2015301624	2016277565	2015226829	<b><u>B65B 53 /-</u></b>
2015316192	2017203923	2015343224	<b><u>B25D 1 /-</u></b>	<b><u>B60P 3 /-</u></b>	2014313868
<b><u>A61M 1 /-</u></b>	<b><u>A61P 29 /-</u></b>	2015369930	2014385190	2014290406	<b><u>B65B 57 /-</u></b>
2016231470	2014212206	2017200204	<b><u>B25J 13 /-</u></b>	2016273817	2015330916
2016277595	2014253275	<b><u>A61Q 17 /-</u></b>	2017201866	<b><u>B60P 7 /-</u></b>	<b><u>B65D 1 /-</u></b>
<b><u>A61M 15 /-</u></b>	2014257072	2015257766	2017203633	2014402777	
2014310916	2015313211	<b><u>A61Q 5 /-</u></b>			
<b><u>A61M 16 /-</u></b>	2016228634	2015257766			
2014310916	<b><u>A61P 3 /-</u></b>	<b><u>A63B 23 /-</u></b>			
2017200991	2014274864	2012307022			
<b><u>A61M 27 /-</u></b>	2015308437	<b><u>A63B 71 /-</u></b>			
2014209177	2016230139	2012307022			
<b><u>A61M 3 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>A63F 1 /-</u></b>			
2016273877	2013290826	2016244308			
	2013290827	<b><u>B01D 21 /-</u></b>			
	2014204045	2013341703			
	2014212206	2014328397			
	2014286995				
	2015219038				
	2015308907				
	2016266049				

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2016277695	2016222039	<b><u>C04B 26 /-</u></b>	2015243346	2015320675	<b><u>C07K 1 /-</u></b>
<b><u>B65D 21 /-</u></b>	<b><u>B66D 1 /-</u></b>	2015214291	<b><u>C07D 285 /-</u></b>	2015320858	2014226741
2016277695	2014314632	<b><u>C04B 28 /-</u></b>	2015308437	2016262722	2016244273
<b><u>B65D 33 /-</u></b>	<b><u>B67B 7 /-</u></b>	2016223248	<b><u>C07D 295 /-</u></b>	<b><u>C07D 473 /-</u></b>	<b><u>C07K 14 /-</u></b>
2016259338	2017219033	<b><u>C04B 41 /-</u></b>	2013329097	2017201779	2014226741
<b><u>B65D 35 /-</u></b>	<b><u>C01B 3 /-</u></b>	2016223248	<b><u>C07D 305 /-</u></b>	<b><u>C07D 487 /-</u></b>	2014235039
2015385862	2017258980	2016223248	2014352371	2015238296	2014283334
<b><u>B65D 47 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C05B 7 /-</u></b>	<b><u>C07D 333 /-</u></b>	2015308437	2014329437
2015385862	2017210540	2014385789	2013285614	2015320675	2015219038
<b><u>B65D 73 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C05D 9 /-</u></b>	<b><u>C07D 401 /-</u></b>	2016262722	2017204438
2016228273	2014253496	2014385789	2014261894	<b><u>C07D 491 /-</u></b>	<b><u>C07K 16 /-</u></b>
<b><u>B65D 75 /-</u></b>	<b><u>C01G 23 /-</u></b>	2014385789	2014345407	2015320675	2013318059
2015399477	2014253496	2014385789	2015222229	<b><u>C07D 493 /-</u></b>	2014212206
2017202762	<b><u>C01G 25 /-</u></b>	<b><u>C05G 1 /-</u></b>	2015308437	2015308907	2014226741
<b><u>B65D 81 /-</u></b>	2014253496	2014385789	2015308907	<b><u>C07D 498 /-</u></b>	2014238546
2016252401	<b><u>C01G 27 /-</u></b>	<b><u>C07B 59 /-</u></b>	2015320675	2014340114	2014329437
<b><u>B65D 83 /-</u></b>	2014253496	2017204256	2016228634	2015308907	2015330771
2016249245	<b><u>C01G 56 /-</u></b>	<b><u>C07C 231 /-</u></b>	2017204256	2015320675	2016244254
<b><u>B65D 85 /-</u></b>	2014253496	2015287953	<b><u>C07D 403 /-</u></b>	2016262722	2016244273
2014346393	<b><u>C02F 1 /-</u></b>	<b><u>C07C 243 /-</u></b>	2014261894	2017203817	2016273214
2015204846	2014267490	2017202580	2015222229	2017203819	2017203923
2015257447	2014306078	<b><u>C07C 323 /-</u></b>	2015308437	<b><u>C07D 513 /-</u></b>	<b><u>C07K 19 /-</u></b>
2016252401	2014365166	2015243346	2015308907	2015308437	2014226741
<b><u>B65D 90 /-</u></b>	2017210540	<b><u>C07C 67 /-</u></b>	2015320675	<b><u>C07D 515 /-</u></b>	2014262517
2014397223	<b><u>C02F 101 /-</u></b>	<b><u>C07C 69 /-</u></b>	2016266942	2014340114	<b><u>C08F 220 /-</u></b>
<b><u>B65G 67 /-</u></b>	2014365166	2014203764	2017201779	<b><u>C07F 5 /-</u></b>	2014398063
2018214111	<b><u>C02F 103 /-</u></b>	2014203764	<b><u>C07D 405 /-</u></b>	2014204045	2015207497
<b><u>B65H 16 /-</u></b>	2014365166	2014203764	2014352371	<b><u>C07H 21 /-</u></b>	2015283151
2017279726	<b><u>C02F 3 /-</u></b>	<b><u>C07D 207 /-</u></b>	2015222229	2013221356	<b><u>C08F 236 /-</u></b>
<b><u>B65H 19 /-</u></b>	2014365166	2015222229	2015308437	2016244273	2015283151
2016249245	<b><u>C03C 3 /-</u></b>	<b><u>C07D 211 /-</u></b>	2015308907	2017200277	<b><u>C08F 275 /-</u></b>
<b><u>B65H 3 /-</u></b>	2017202090	2014349246	2015320675	<b><u>C07J 1 /-</u></b>	2014398063
2016249245	<b><u>C03C 4 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 409 /-</u></b>	2014204045	2015283151
<b><u>B66B 5 /-</u></b>	2017202090	2014332219	2014253275	<b><u>C07H 51 /-</u></b>	<b><u>C08F 275 /-</u></b>
2015286981	<b><u>C04B 14 /-</u></b>	2014345407	2015308437	2013221356	2014398063
<b><u>B66B 9 /-</u></b>	2016223248	<b><u>C07D 231 /-</u></b>	2015308907	2016244273	<b><u>C08G 18 /-</u></b>
2016222039	<b><u>C04B 16 /-</u></b>	2013404949	2015320675	2017200277	2015276427
<b><u>B66C 15 /-</u></b>	2016223248	<b><u>C07D 241 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07J 1 /-</u></b>	2016276717
2014314632	<b><u>C04B 24 /-</u></b>	2014360452	2014253275	2013386732	<b><u>C08J 3 /-</u></b>
<b><u>B66C 21 /-</u></b>	2016223248	<b><u>C07D 281 /-</u></b>	2015308437	<b><u>C07J 41 /-</u></b>	2016294421
			2015320675	<b><u>C07J 51 /-</u></b>	2016294426
			<b><u>C07D 417 /-</u></b>	2014330860	<b><u>C08J 5 /-</u></b>
			2015222229	<b><u>C07J 63 /-</u></b>	2016294426
			2015243346	2014257072	<b><u>C08K 13 /-</u></b>
			2015308437	<b><u>C07J 7 /-</u></b>	2016396710
			2015320675	2014330860	<b><u>C08K 3 /-</u></b>
			<b><u>C07D 451 /-</u></b>	<b><u>C07J 75 /-</u></b>	2016294421
			2017204256	2013386732	2016294426
			<b><u>C07D 471 /-</u></b>		2016396710
			2014286995		<b><u>C08K 5 /-</u></b>
			2015308907		

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2016396710	<b><u>C09J 4 /-</u></b>	2015328946	2013299576	<b><u>E05B 65 /-</u></b>	<b><u>E21C 35 /-</u></b>
<b><u>C08L 101 /-</u></b>	2015283151	<b><u>C12P 19 /-</u></b>	<b><u>C23C 2 /-</u></b>	2016208404	2015270772
2015207497	<b><u>C09K 11 /-</u></b>	2014268710	2014307526	<b><u>E05B 9 /-</u></b>	<b><u>E21D 9 /-</u></b>
<b><u>C08L 21 /-</u></b>	2015294337	2017200277	2014341125	2014274584	2014241581
2016294421	<b><u>C09K 21 /-</u></b>	<b><u>C12P 21 /-</u></b>	2016252193	<b><u>E06B 3 /-</u></b>	<b><u>E21F 13 /-</u></b>
2016294426	2015214291	2016244273	<b><u>C25B 1 /-</u></b>	2015321001	2014241581
<b><u>C08L 3 /-</u></b>	<b><u>C10B 47 /-</u></b>	<b><u>C12P 5 /-</u></b>	2014267490	2014274877	2016222039
2016396710	2014366887	2013354179	<b><u>C25B 11 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F01D 1 /-</u></b>
<b><u>C08L 33 /-</u></b>	<b><u>C10B 57 /-</u></b>	<b><u>C12P 7 /-</u></b>	2014267490	2014309112	2016277549
2015207497	2014366887	2014369339	<b><u>C25B 3 /-</u></b>	<b><u>E06C 7 /-</u></b>	<b><u>F01D 17 /-</u></b>
<b><u>C08L 67 /-</u></b>	<b><u>C10J 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2014306635	2016201569	2016277549
2016396710	2014366887	2013221356	<b><u>D06F 33 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>F01D 5 /-</u></b>
<b><u>C08L 7 /-</u></b>	<b><u>C10L 3 /-</u></b>	2013285614	2016307570	2014415587	2016277549
2016294421	2015283998	2013301607	<b><u>D06F 37 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F02C 9 /-</u></b>
2016294426	2014259565	2013308647	2016307570	2014350166	2013374290
<b><u>C08L 75 /-</u></b>	<b><u>C10M 175 /-</u></b>	2013361366	2016310964	2015217773	<b><u>F04B 33 /-</u></b>
2015207497	2014259565	2014268710	<b><u>D06F 39 /-</u></b>	2015259714	2016231470
<b><u>C08L 9 /-</u></b>	<b><u>C11B 3 /-</u></b>	2016235024	2015328946	2015289455	2016231470
2016294421	2014259565	<b><u>C12R 1 /-</u></b>	<b><u>C21D 1 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F04B 37 /-</u></b>
2016294426	<b><u>C12M 1 /-</u></b>	2015328946	2016307570	2015259714	2016231470
<b><u>C09D 133 /-</u></b>	2013221356	<b><u>C21D 1 /-</u></b>	2016310964	2016391059	2016231470
2014398063	2013354179	<b><u>C21D 8 /-</u></b>	<b><u>E01H 5 /-</u></b>	<b><u>E21B 3 /-</u></b>	<b><u>F04B 43 /-</u></b>
2015207497	2015275310	2015321012	2016264201	2015217773	2014381625
<b><u>C09D 139 /-</u></b>	2016208768	2016210107	<b><u>E02B 3 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04B 49 /-</u></b>
2015207497	<b><u>C12M 3 /-</u></b>	<b><u>C21D 9 /-</u></b>	2018201278	2015384166	2016231470
2015207497	2016208768	2015321012	<b><u>E02D 31 /-</u></b>	<b><u>E21B 37 /-</u></b>	<b><u>F04D 13 /-</u></b>
<b><u>C09D 163 /-</u></b>	<b><u>C12N 1 /-</u></b>	2016210107	2016279144	2016391059	2014369986
2015214291	2015328946	<b><u>C22B 34 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F04D 25 /-</u></b>
<b><u>C09D 167 /-</u></b>	<b><u>C12N 15 /-</u></b>	2015243469	2015270772	2016391059	2015283998
2015207497	2013232114	<b><u>C22B 9 /-</u></b>	<b><u>E03C 1 /-</u></b>	2016391059	<b><u>F04D 29 /-</u></b>
<b><u>C09D 175 /-</u></b>	2013242403	2015312896	2012387651	<b><u>E21B 43 /-</u></b>	<b><u>F04D 29 /-</u></b>
2015207497	2013302537	<b><u>C22C 1 /-</u></b>	<b><u>E04B 9 /-</u></b>	2014369986	2014317455
2015276427	2013311781	2015312896	2012216768	2015283998	2015283998
2016276717	2013323775	<b><u>C22C 14 /-</u></b>	<b><u>E04C 3 /-</u></b>	2017219163	2017247025
<b><u>C09D 5 /-</u></b>	2014305659	2015312896	<b><u>E04C 3 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F04D 31 /-</u></b>
2015207497	2017204438	2015312896	2017203114	2014357611	2015283998
<b><u>C09J 133 /-</u></b>	2017213564	<b><u>C22C 21 /-</u></b>	<b><u>E04D 13 /-</u></b>	2014412066	<b><u>F04D 7 /-</u></b>
2015283151	2013306720	2014307526	2017203660	2014415557	2017247025
<b><u>C09J 151 /-</u></b>	2013370228	2015312896	<b><u>E04H 12 /-</u></b>	2015382417	2017247025
2014369953	2014225708	<b><u>C22C 38 /-</u></b>	2015311408	2015384166	<b><u>F15B 15 /-</u></b>
<b><u>C09J 175 /-</u></b>	2013302537	2016201549	<b><u>E04H 4 /-</u></b>	2015385794	2015314958
2015276427	2014305659	2016210107	2016259852	2017204281	<b><u>F16B 37 /-</u></b>
	<b><u>C12P 13 /-</u></b>	<b><u>C23C 14 /-</u></b>	2017201383	2014412066	2015202597
				2017219163	2015270772

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<b>F16D 1 /-</b>	2014351648	2014314632	2017232043	<b>G08C 17 /-</b>	2017201120
2015217773	<b>F25B 9 /-</b>	<b>G01N 30 /-</b>	<b>G06F 17 /-</b>	2016295668	<b>H01M 2 /-</b>
<b>F16D 125 /-</b>	2014351645 2014351648	2017219166	2014233570 2017204217	<b>G09F 3 /-</b>	2015271816
2015339655	<b>F25J 1 /-</b>	<b>G01N 33 /-</b>	<b>G06F 19 /-</b>	2015314491	<b>H01M 4 /-</b>
<b>F16D 51 /-</b>	2016205781	2013285614 2015342241	2013309425 2015202751	<b>G09F 7 /-</b>	2018207704
2015339654 2015339655	<b>F25J 3 /-</b>	2016235024 2016244254 2017202090	2017206112	2015314491	<b>H01M 8 /-</b>
<b>F16D 65 /-</b>	2015336969 2016205781	<b>G01N 35 /-</b>	<b>G06F 21 /-</b>	<b>G10L 15 /-</b>	2014274877 2017258980
2015339654	<b>F27B 3 /-</b>	2016235024	2017232043	2012388796	<b>H01P 5 /-</b>
<b>F16K 1 /-</b>	2014341125	<b>G01P 5 /-</b>	<b>G06F 3 /-</b>	<b>G10L 19 /-</b>	2015396957
2017200231	<b>F41H 5 /-</b>	2014221188	2013263827 2015327573 2017232043	2015306260 2017208576	<b>H01Q 1 /-</b>
<b>F16K 3 /-</b>	2015243584	<b>G01R 33 /-</b>	<b>G06F 9 /-</b>	<b>G10L 21 /-</b>	2015396957
2014336023	<b>F42B 14 /-</b>	2014231665	2015340844 2015408848 2016244386 2017204203	2014413559	<b>H01R 13 /-</b>
<b>F16K 5 /-</b>	2014338927	<b>G01S 1 /-</b>	<b>G06G 7 /-</b>	<b>G11C 11 /-</b>	2015314491
2017200231	<b>F42B 5 /-</b>	2016262717	2014357611	2016226473	<b>H01R 9 /-</b>
<b>F16L 1 /-</b>	2014338927	<b>G01V 3 /-</b>	<b>G06K 19 /-</b>	<b>G11C 7 /-</b>	2015314491
2015260930	<b>G01C 21 /-</b>	2015382417	2015384166	2016226473	<b>H02G 7 /-</b>
<b>F16L 3 /-</b>	2018200646	<b>G01W 1 /-</b>	<b>G06K 9 /-</b>	<b>G11C 8 /-</b>	2015311408
2014223337	<b>G01G 13 /-</b>	2015289657	2016244308	2016226473	<b>H02K 7 /-</b>
<b>F16L 37 /-</b>	2018214111	<b>G02B 23 /-</b>	<b>G06Q 30 /-</b>	<b>H01F 6 /-</b>	2014317455
2014240306 2014320030 2014350166	<b>G01G 19 /-</b>	2013242851	<b>G06Q 9 /-</b>	2016226473	<b>H02K 9 /-</b>
2018214111	<b>G01M 17 /-</b>	2017345005	<b>G06Q 50 /-</b>	<b>H01G 4 /-</b>	2014317455
<b>F17C 1 /-</b>	2016238923 2016248928	<b>G02B 5 /-</b>	2015342027	2017232449	<b>H02S 10 /-</b>
2014363284 2014397223	<b>G01N 21 /-</b>	2014265552 2014324010 2017204084 2017345005	2017201072 2017232043	<b>H01H 33 /-</b>	2016318825
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2014363284 2014397223	<b>G01N 22 /-</b>	2014324010	<b>G06T 7 /-</b>	2014305659	<b>H03M 13 /-</b>
<b>F17C 9 /-</b>	2014327105	<b>G05B 13 /-</b>	2013356433	<b>H01H 85 /-</b>	2016224200
2013290589	<b>G01N 23 /-</b>	2016236471	<b>G07C 3 /-</b>	2015255078	<b>H04L 1 /-</b>
<b>F23C 9 /-</b>	2017245397	<b>G05B 15 /-</b>	2016244308	<b>H01L 31 /-</b>	2017203571
2013374290	<b>G01N 27 /-</b>	2016295668	<b>G07F 11 /-</b>	2016318825 2017201120	<b>H04L 12 /-</b>
<b>F23N 5 /-</b>	2015342241 2016235024	<b>G05B 19 /-</b>	2016208404	2014364348 2015256589 2016235984 2016244386 2016348234 2016386887	2014364348 2015256589 2016235984 2016244386 2016348234 2016386887
2013374290	<b>G01N 29 /-</b>	<b>G05G 5 /-</b>	2014221188	<b>H01L 39 /-</b>	<b>H04L 27 /-</b>
<b>F24F 7 /-</b>	2014246650	2016206400	<b>G08B 17 /-</b>	2016226473	2016301134
2014246650	<b>G01N 31 /-</b>	2014385789	<b>G08B 21 /-</b>	<b>H01M 10 /-</b>	2015271816
<b>F24V 30 /-</b>	2014209521 2014227709	<b>G06F 15 /-</b>	2017206112	<b>H01M 14 /-</b>	<b>H04M 1 /-</b>
2016252401	<b>G01N 3 /-</b>	2013222043			2015327573
<b>F25B 31 /-</b>					
2014351645					

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**H04W 4 /-**

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**H04W 56 /-**

2014401578

**H04W 8 /-**

2015386336

**H04W 84 /-**

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**H04W 88 /-**

2015316320

**H04W 92 /-**

2015386336

**H05K 5 /-**

2015204846

**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) Mygrain Solutions Pty Ltd  
(11) AU-B-2017101797  
(21) 2017101797 (22) 22.12.2017  
(54) Feeder Device for use in a Harvester  
Front  
(51) Int. Cl.  
*A01D 41/12* ( 2006.01 )  
(45) 18.10.2018  
(62) PCT/AU2017/051153  
(72) Fels, Michael  
(74) Davies Collison Cave Pty Ltd

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(71) Tasmanian Alkaloids Pty Ltd  
(11) AU-B-2018100456  
(21) 2018100456 (22) 09.04.2018  
(54) A Plant  
(51) Int. Cl.  
*A01H 5/08* ( 2018.01 )  
*A01H 5/04* ( 2018.01 )  
*A61K 31/485* ( 2006.01 )  
(45) 18.10.2018  
(62) 2016222511  
(72) Symons, Gregory Michael; Hudson,  
Corey James; Livermore, Mark Leon  
(74) Adams Pluck

**Numerical Index**

2017101797 Mygrain Solutions Pty Ltd  
2018100456 Tasmanian Alkaloids Pty Ltd

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2018100456

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2014266991 **De La Rue International Limited** ( CCL Secure Pty Ltd )
- 2016202876 **Netflix, Inc.** ( Foxtel Management Pty Ltd )

**Patents Granted**

**Standard Patents**

2011361781	2012238251	2012308765	2012308818
2012339759	2012370347	2013213873	2013214801
2013237894	2013243601	2013273791	2013298571
2013299922	2013312750	2013313031	2013316706
2013318182	2013318551	2013333632	2013337308
2013338153	2013344686	2013345489	2013355130
2013358892	2013360026	2013369492	2013371859
2013376727	2013389305	2013392626	2013400010
2013404287	2014201022	2014201318	2014201366
2014201528	2014202663	2014203610	2014204778
2014205646	2014212546	2014216242	2014217594
2014227693	2014230120	2014235543	2014236719
2014237111	2014240612	2014252765	2014256841
2014257532	2014268732	2014276039	2014280326
2014286179	2014289198	2014290799	2014296454
2014297237	2014299334	2014301166	2014301439
2014302608	2014305805	2014307697	2014320059
2014333967	2014334599	2014336211	2014336714
2014336969	2014339763	2014340269	2014346390
2014346428	2014354984	2014356320	2014356985
2014359266	2014368547	2014370307	2014376596
2014403857	2014404374	2014410768	2015206417
2015214217	2015234581	2015234606	2015245667
2015263246	2015271571	2015282671	2015296187
2015298631	2015301298	2015304918	2015311749
2015312789	2015314415	2015315351	2015319542
2015321554	2015322645	2015325743	2015328646
2015335391	2015338331	2015347655	2015352042
2015356760	2015356793	2015357837	2015358297
2015363993	2015376655	2015377814	2015378044
2015382455	2015384181	2015400946	2016200629
2016202512	2016203351	2016203775	2016204292
2016204372	2016210741	2016216112	2016216529
2016216703	2016219543	2016225836	2016225881
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2016244203	2016244345	2016247163	2016247769
2016250087	2016254980	2016256680	2016259880
2016269523	2016285687	2016286006	2016297533
2016340484	2016358266	2017200216	2017200318
2017200730	2017200868	2017200893	2017200915
2017201834	2017201867	2017201991	2017202771
2017203064	2017203274	2017203384	2017203799
2017203842	2017204257	2017204362	2017204446
2017204523	2017208212	2017210539	2018203041

**Innovation Patents**

2018101041	2018101199	2018101282	2018101294
2018101297	2018101302	2018101303	2018101306
2018101312	2018101321	2018101329	2018101334
2018101335	2018101339	2018101340	2018101343
2018101344	2018101345	2018101346	2018101347
2018101348	2018101349	2018101350	2018101351
2018101352	2018101354	2018101355	2018101356
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2018101363	2018101364	2018101366	2018101367
2018101368	2018101369	2018101370	2018101373

**Revocation**

It is hereby notified that as a consequence of a decision by the Commissioner dated 04.10.2018 , Patent 2013270523 in the name of **Sumitomo Chemical Company, Limited** has been revoked in relation to a re-examination and subsequent revocation under Section 101(1) of the Patents Act.

**Assignments Registered**

- 2000040710 E.I. Du Pont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2001015391 E.I. Du Pont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2001018165 E.I. Du Pont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2001024408 Acxiom Corporation The patent has been assigned to **LiveRamp, Inc.**
- 2001085514 LG CNS Co., Ltd. The patent has been assigned to **ATEC AP CO., LTD.**
- 2001085516 LG CNS Co., Ltd. The patent has been assigned to **ATEC AP CO., LTD.**
- 2001085518 LG CNS Co., Ltd. The patent has been assigned to **ATEC AP CO., LTD.**
- 2001268185 E.I. Du Pont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2002221818 3M Deutschland GmbH The patent has been assigned to **3M Innovative Properties Company**
- 2002255985 Fresco Infusion, LLC The patent has been assigned to **SEKISUI POLYMER INNOVATIONS, LLC**
- 2002312007 Pegasus Solutions Inc. The patent has been assigned to **RateGain Technologies Inc.**
- 2002313467 3M Deutschland GmbH The patent has been assigned to **3M Innovative Properties Company**
- 2002313468 3M Deutschland GmbH The patent has been assigned to **3M Innovative Properties Company**
- 2002336234 3M Deutschland GmbH The patent has been assigned to **3M Innovative Properties Company**
- 2002343541 E.I. Du Pont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2003220755 Acxiom Corporation The patent has been assigned to **LiveRamp, Inc.**
- 2004224771 3M Deutschland GmbH The patent has been assigned to **3M Innovative Properties Company**
- 2004242601 E.I. Dupont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2004258189 E.I. Dupont De Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2005282764 E.I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2005306364 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**
- 2006218376 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

**Assignments Registered**

2006269894 Horizon Pharma USA, Inc. The patent has been assigned to **Horizon Medicines LLC**

2006279558 Benvenue Medical, Inc. The patent has been assigned to **IZI Medical Products, LLC**

2006308667 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2006308695 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2006308717 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2007204857 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2007220010 Honeywell International, Inc. The patent has been assigned to **Gentex Corporation**

2007223574 Honeywell International Inc. The patent has been assigned to **Gentex Corporation**

2007249071 Fresco Infusion, LLC The patent has been assigned to **SEKISUI POLYMER INNOVATIONS, LLC**

2007249985 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2007260582 Woodstock Percussion Pty Ltd The patent has been assigned to **ANCON BUILDING SYSTEMS PTY LTD**

2007275360 Horizon Therapeutics LLC The patent has been assigned to **Horizon Medicines LLC**

2007281940 Honeywell International Inc. The patent has been assigned to **Gentex Corporation**

2007284299 Honeywell International Inc. The patent has been assigned to **Gentex Corporation**

2007301707 Fada, Ian; Fada, Alan; Haritou, Christos The patent has been assigned to **Haritou, Christos; Fada, Alan**

2008232024 SWISS KRONO Tec AG The patent has been assigned to **Välinge Innovation AB**

2008261695 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2008265491 Woodstock Percussion Pty Ltd The patent has been assigned to **ANCON BUILDING SYSTEMS PTY LTD**

2008279419 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2008297989 Flooring Technologies Ltd. The patent has been assigned to **Välinge Innovation AB**

2008329539 WOODSTOCK PERCUSSION PTY LTD The patent has been assigned to **ANCON BUILDING SYSTEMS PTY LTD**

2008331468 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2008334037 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2008335413 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

**Assignments Registered**

2008335494 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2008340681 Flooring Technologies Ltd. The patent has been assigned to **Välinge Innovation AB**

2009217422 Woodstock Percussion Pty Ltd The patent has been assigned to **ANCON BUILDING SYSTEMS PTY LTD**

2009244263 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009244265 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009314186 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009314391 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009316668 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009316676 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2009337847 Flooring Technologies Ltd. The patent has been assigned to **Välinge Innovation AB**

2010202128 SWISS KRONO Tec AG The patent has been assigned to **Välinge Innovation AB**

2010210806 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010226568 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010242869 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010242873 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010249374 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010256713 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010257236 Cohen, Meir; Finkelman, Eli The patent has been assigned to **TelTech Systems, Inc.**

2010295712 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010315264 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010315636 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010339656 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2010341533 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011215758 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

**Assignments Registered**

2011240740 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011245409 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011245438 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011258291 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011268044 Caterpillar Global Mining America LLC The patent has been assigned to **Caterpillar Global Mining LLC**

2011279961 Caterpillar Global Mining America LLC The patent has been assigned to **Caterpillar Global Mining LLC**

2011293133 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011299269 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011343453 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011343455 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011343819 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011343821 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2011349205 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012200235 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012203869 Benvenue Medical, Inc. The patent has been assigned to **IZI Medical Products, LLC**

2012205250 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012212084 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012212450 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012229664 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012246741 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012299148 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012325962 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012346370 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2012357848 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer Pharma Aktiengesellschaft**

**Assignments Registered**

2013200184 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2013201452 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2013203414 Donovan Products Limited The patent has been assigned to **Vynco Industries (NZ) Limited**

2013221781 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2013278145 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**

2013313794 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**

2013360596 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**

2013360597 SK Chemicals Co., Ltd. The patent has been assigned to **SK Bioscience Co., Ltd.**

2014201927 E. I. DU PONT DE NEMOURS AND COMPANY The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2014202510 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2014202593 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2014208303 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2014224118 ABB Technology Oy The patent has been assigned to **ABB Schweiz AG**

2014274606 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2014281760 Illinois Tool Works Inc. The patent has been assigned to **Illinois Tool Works Inc.; MGNT Products Group, LLC**

2014292111 IP & Patent Management UG (haftungsbeschränkt); KHS GmbH The patent has been assigned to **KHS GmbH**

2014292112 IP & Patent Management UG (haftungsbeschränkt) The patent has been assigned to **KHS GmbH**

2015200652 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2015201437 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2015202652 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2015218556 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2016200022 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2016200229 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

2016216544 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

**Assignments Registered**

2016216632 E. I. du Pont de Nemours and Company The patent has been assigned to **THE CHEMOURS COMPANY FC, LLC.**

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

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

2007323210 HILL & SMITH HOLDINGS PLC ( Hill & Smith Pty Limited )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2006222225 **GlaxoSmithKline Biologicals S.A.**

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

For the goods SHINGRIX recombinant Varicella Zoster

2007254831 **Regeneron Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods KEVZARA sarilumab

**Extensions granted**

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

2009223640 **Incyte Holdings Corporation**

The earliest first regulatory approval date provided by the patentee 23 Jan 2018

For the goods OLUMIANT baricitinib

Extension of Term of patent pursuant to Section 77 expires on 23 Jan 2033

**Corrigenda**

In Vol 27 , No 46 , Page(s) 6594 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ocea AS, Application No. 2012248856, under INID (22) correct Date of Filing Application to read 25 April 2012

In Vol 30 , No 32 , Page(s) 4843 under the heading **Applications Accepted - Name Index** Under the name Ocea AS, Application No. 2012248856, under INID (22) correct Date of Filing Application to read 25 April 2012

In Vol 32 , No 39 , Page(s) 5490 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Blaze Bioscience, Inc., Application No. 2017250507, under INID (72) correct the co-inventor to Byrnes-Blake, Kelly

In Vol 32 , No 39 , Page(s) 5542 under the heading **Assignments Registered** Under the name Koninklijke Philips Electronics N.V., Application No. 2010264133, under INID (71) add co-applicants Koninklijke Philips N.V.

In Vol 32 , No 39 , Page(s) 5542 under the heading **Assignments Registered** Under the name Koninklijke Philips Electronics N.V., Application No. 2010264227, under INID (71) add co-applicants Koninklijke Philips N.V.

**Specifications Republished**

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

2015248303 **Nippon Steel & Sumitomo Metal Corporation**  
2016243367 **PPG Industries Ohio, Inc.**