



**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.

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 30 Jul 2019 .

<hr/> <p>(71) Agriculture Victoria Services Pty Ltd (21) 2019902745 (22) 01.08.2019 (54) Improved methods for the production of plants</p> <hr/> <p>(71) AgriX IP Pty Ltd (21) 2019902733 (22) 29.07.2019 (54) Soil Sample Collection Device</p> <hr/> <p>(71) Alertness CRC Ltd (21) 2019902689 (22) 29.07.2019 (54) Decision support software system for sleep disorder identification</p> <hr/> <p>(71) ARB Corporation Ltd (21) 2019902744 (22) 01.08.2019 (54) Receptacle assembly</p> <hr/> <p>(71) ATP Institute Pty Ltd (21) 2019902715 (22) 30.07.2019 (54) A gummy composition</p> <hr/> <p>(71) Austainless Pty Ltd (21) 2019902695 (22) 29.07.2019 (54) Apparatus and method for installing a kerb rail on an access ramp</p> <hr/> <p>(71) Australian Food and Pharmaceutical Industries (21) 2019902700 (22) 29.07.2019 (54) Natural Chewing Gum Dispenser</p> <hr/> <p>(71) Balachandran, C. (21) 2019902720 (22) 30.07.2019 (54) Adjustable Suture</p> <hr/> <p>(71) Bennett, M.; Boland, J.; Travalia, M. (21) 2019902735 (22) 31.07.2019 (54) PYRE FOR CREMATING A CORPSE</p> <hr/>	<p>(71) Better That Pty Ltd (21) 2019902699 (22) 29.07.2019 (54) An Improved Electronic Sales System</p> <hr/> <p><b>Bhaskar, S. see Krishna, S.</b> (21) 2019902740</p> <hr/> <p>(71) Bitto, P. (21) 2019902734 (22) 31.07.2019 (54) Powering an electric vehicle and/or charging an electric vehicle battery with mounted wind turbines generators.</p> <hr/> <p><b>Boland, J. see Bennett, M.</b> (21) 2019902735</p> <hr/> <p>(71) Boyland, R. (21) 2019902679 (22) 27.07.2019 (54) The patent application is for a spring loaded self-locking latch that works on the rope tensioning device patent no.624531</p> <hr/> <p>(71) BTE Industries Pty Ltd (21) 2019902724 (22) 31.07.2019 (54) Baby Formula Catcher</p> <hr/> <p>(71) Carina Biotech Pty Ltd (21) 2019902688 (22) 29.07.2019 (54) IMPLANTABLE COMPOSITIONS AND USES THEREOF</p> <hr/> <p>(71) Clarke, R.C. (21) 2019902696 (22) 29.07.2019 (54) SUN SHELTER</p> <hr/> <p>(71) Clynch, D. (21) 2019902748 (22) 01.08.2019 (54) PIPE INSPECTION CAMERA ASSEMBLY</p> <hr/>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019902709 (22) 30.07.2019 (54) A method of determining a tool path for controlling a printing tool</p> <hr/> <p>(71) DAVID PENN CONSULTING PTY LTD (21) 2019902701 (22) 29.07.2019 (54) AN ORTHODONTIC APPLIANCE INCLUDING VIBRATION SOURCE.</p> <hr/> <p><b>Davis, T. see Mamo, J.</b> (21) 2019902680</p> <hr/> <p>(71) DendroCyte BioTech Pty Ltd (21) 2019902714 (22) 30.07.2019 (54) Immunoconjugate</p> <hr/> <p>(71) Donovan, B. (21) 2019902736 (22) 31.07.2019 (54) HEATING SYSTEM FOR AN AGRICULTURAL BUILDING</p> <hr/> <p>(71) Firebrick Pharma Pty Ltd (21) 2019902692 (22) 29.07.2019 (54) An Antimicrobial System</p> <hr/> <p>(71) Grand Performance Online Pty Ltd (21) 2019902681 (22) 27.07.2019 (54) A COMPUTER-ENABLED METHOD SYSTEM AND COMPUTER PROGRAM FOR GENERATING A DYNAMIC USER INTERFACE FOR USE BY A USER IN THE ALLOCATION OF A SPACE, FURNITURE, EQUIPMENT OR SERVICE</p> <hr/> <p>(71) Grand Performance Online Pty Ltd (21) 2019902682 (22) 27.07.2019 (54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR PROVIDING AN INTUITIVE USER INTERFACE ARRANGED</p>
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Provisional Applications Filed - Name Index cont'd

TO CREATE A DYNAMIC PRODUCT LIST INTEGRABLE INTO A SERVICE PROVISION PROCESS TO PERFORM THE TASK OF DELIVERING A COMPLEX SERVICE AND MANAGING AN ASSOCIATED TRANSACTION

(71) Griffith University  
(21) 2019902717 (22) 30.07.2019  
(54) Antiviral agents and uses thereof

(71) Harmer, P.  
(21) 2019902738 (22) 31.07.2019  
(54) Target Golf for Pitchandchip

(71) Harrison, H.  
(21) 2019902747 (22) 01.08.2019  
(54) Carrier

(71) Hemideina Pty Ltd  
(21) 2019902691 (22) 29.07.2019  
(54) Acoustic devices

(71) Hunt & Woodward Pty Ltd  
(21) 2019902711 (22) 30.07.2019  
(54) Sheet Fitting Device

(71) Hunter Mining Methods Pty Ltd  
(21) 2019902704 (22) 30.07.2019  
(54) Improved Components and Methods for Long Wall Mining

(71) Id.care international  
(21) 2019902713 (22) 30.07.2019  
(54) Invention title 1.0 is an innovative concept based on key concepts including but not limited to the physical, mental and emotional well-being of children.

(71) IRON MATRIX PTY LTD  
(21) 2019902739 (22) 31.07.2019  
(54) A Method And Apparatus For Stiffening A Framework Module For Use In Modular Building Construction

(71) Jarvis, M.  
(21) 2019902749 (22) 01.08.2019  
(54) Large animal floatation device

(71) Krishna, S.; Bhaskar, S.  
(21) 2019902740 (22) 31.07.2019  
(54) The invention is an online marketplace to allow home cooked food to be sold to interested buyers through apps or web browsers. The invention allows anyone with access to internet to create an account by providing basic information about themselves. Users selling food will need to comply with local council guidelines. Buyers will need to use payment methods allowed on the inven-

tion. Buyers can choose to pick-up or request for delivery of the food. The invention allows delivery of food through aggregators such as Uber and Ola, via APIs.

Lange, J. see NSHG Industries Pty Ltd  
(21) 2019902684

(71) Lowe, C.J.  
(21) 2019902742 (22) 01.08.2019  
(54) Lightweight demountable backpack trailer apparatus

(71) Mamo, J.; Davis, T.; Moore, K.  
(21) 2019902680 (22) 27.07.2019  
(54) Predictive analysis of image wear using comparative distribution statistics

(71) Modla Pty Ltd  
(21) 2019902746 (22) 01.08.2019  
(54) RELIABILITY CENTRED MAINTENANCE SYSTEM

Moore, K. see Mamo, J.  
(21) 2019902680

(71) MOTHERSON INNOVATIONS COMPANY LIMITED  
(21) 2019902697 (22) 29.07.2019  
(54) DECORATIVE RADOME AND METHOD OF PRODUCING THE SAME

(71) Mulga Holdings Pty Limited  
(21) 2019902683 (22) 28.07.2019  
(54) COLLAPSIBLE BOTTLE

(71) MUNDY, A.; WRIGHT, M.  
(21) 2019902723 (22) 31.07.2019  
(54) SYSTEM FOR ALIGNING AN ITEM ALONG A PATH IN AN AREA

(71) Newcrest Mining Limited  
(21) 2019902752 (22) 01.08.2019  
(54) Triggering Explosives In Holes

(71) NSHG Industries Pty Ltd; Lange, J.  
(21) 2019902684 (22) 28.07.2019  
(54) A high wall mounted vertically retractable residential garage storage device

(71) O'DONNELL, K.  
(21) 2019902693 (22) 29.07.2019  
(54) Utensil for food preparation

(71) Orbital Australia Pty Ltd  
(21) 2019902719 (22) 30.07.2019  
(54) Muffler

(71) OzGreen Energy Pty Ltd  
(21) 2019902727 (22) 31.07.2019  
(54) Method of Measuring Water Quality

(71) PakPot Pty Ltd  
(21) 2019902726 (22) 31.07.2019  
(54) Method of Applying a Label to a Container and a Container produced by said method

(71) Pietsch, D.  
(21) 2019902686 (22) 29.07.2019  
(54) Spare wheel lifting and carrying system

(71) Pinnacle International Wholesalers Pty Ltd.  
(21) 2019902741 (22) 01.08.2019  
(54) A paper-based single use food grade container

(71) Red Eight Produce Pty Ltd  
(21) 2019902710 (22) 30.07.2019  
(54) MOBILE ABATTOIR

(71) ResMed Asia Pte Ltd  
(21) 2019902721 (22) 30.07.2019  
(54) AIR DELIVERY CONDUIT

(71) RESMED PTY LTD  
(21) 2019902729 (22) 31.07.2019  
(54) Patient Interface with a textile seal forming structure

(71) RESMED PTY LTD  
(21) 2019902737 (22) 31.07.2019  
(54) Modular Headgear

(71) Rockhouse International Pty Ltd  
(21) 2019902705 (22) 30.07.2019  
(54) Punch and Die Assembly

(71) Royal Melbourne Institute of Technology  
(21) 2019902706 (22) 30.07.2019  
(54) SUPERELASTIC ALLOYS

(71) ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY  
(21) 2019902687 (22) 29.07.2019  
(54) METAL OXIDE SOLUTIONS AND METHODS OF PREPARATION

(71) Saban Ventures Pty Limited  
(21) 2019902732 (22) 31.07.2019  
(54) Apparatus and method for cleaning a medical device

Provisional Applications Filed - Name Index cont'd

(71) Schneider, J.  
 (21) 2019902743 (22) 01.08.2019  
 (54) A trouser waist tensioning device

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(71) Southern Wire Pty Ltd  
 (21) 2019902690 (22) 29.07.2019  
 (54) Packaging Means

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(71) Steelfinne Fabrications Pty Ltd  
 (21) 2019902725 (22) 31.07.2019  
 (54) A drop bolt system

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(71) Storrie, M.  
 (21) 2019902702 (22) 30.07.2019  
 (54) Automated Underwater Ground Vehicle (AUGV). Self Driven Cleaning and Inspection Robot for infrastructure.

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(71) Sword, N.  
 (21) 2019902730 (22) 31.07.2019  
 (54) AN IMPROVED COMBUSTION ENGINE AND PISTON ASSEMBLY THEREFOR

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(71) Synergetics Pty Ltd  
 (21) 2019902685 (22) 28.07.2019  
 (54) VENTILATION AND PARTICULATE MATTER REMOVAL SYSTEM

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(71) Taylor, A.  
 (21) 2019902731 (22) 31.07.2019  
 (54) ANTI-HIJACKING SYSTEM AND METHOD FOR AN AUTONOMOUS MACHINE

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(71) The University of Melbourne  
 (21) 2019902698 (22) 29.07.2019  
 (54) METHODS AND COMPOSITIONS

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(71) The University of Sydney  
 (21) 2019902694 (22) 29.07.2019  
 (54) Ophthalmic treatment

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(71) The University of Sydney  
 (21) 2019902712 (22) 30.07.2019  
 (54) Inhibitors and use thereof in cancer treatment

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Travalia, M. see Bennett, M.  
 (21) 2019902735

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(71) Ullrich Aluminium Pty Limited  
 (21) 2019902728 (22) 31.07.2019  
 (54) AN INSERT

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(71) Universal Polymers Pty Ltd  
 (21) 2019902750 (22) 01.08.2019  
 (54) Termite Collar For Conduits

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(71) Varden Process Pty Ltd  
 (21) 2019902722 (22) 30.07.2019  
 (54) A Moulded Pulp Fibre Product, and Method of Forming Same

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(71) Victor Chang Cardiac Research Institute  
 (21) 2019902703 (22) 30.07.2019  
 (54) KLF INDUCED CARDIOMYOGENESIS

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(71) Wheeler, C.  
 (21) 2019902707 (22) 30.07.2019  
 (54) Blackjack Free Games Natural Blackjack & Random Trigger

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(71) Wheeler, C.  
 (21) 2019902708 (22) 30.07.2019  
 (54) Blackjack Free Spins Natural Blackjack & Random Trigger

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(71) Wheeler, C.  
 (21) 2019902716 (22) 30.07.2019  
 (54) Blackjack Jackpots Stand Alone Prizes Natural Blackjack and Random Trigger

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(71) Wheeler, C.  
 (21) 2019902718 (22) 30.07.2019  
 (54) Blackjack Multiplier Natural Blackjack & Random Trigger

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 (21) 2019902723

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**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Jul 2019 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

(71) 4D Pharma PLC (21) 2019210661 (22) 02.08.2019 (54) Compositions comprising bacterial strains (62) 2017374767	(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019210551 (22) 31.07.2019 (54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM (62) 2017319244	(71) ALSTOM Transport Technologies (21) 2019210672 (22) 02.08.2019 (54) Method for regulating people flow entering and exiting an enclosure, associated signaling system and car of rail vehicle equipped with such a system (31) FR 18 57381 (32) 08.08.18 (33) FR
(71) AbbVie Inc. (21) 2019210648 (22) 02.08.2019 (54) Anti-VEGF/DLL4 dual variable domain immunoglobulins and uses thereof (62) 2017204466	(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019210594 (22) 01.08.2019 (54) TECHNIQUES FOR BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM (62) 2018206690	(71) Amgen Inc. (21) 2019210504 (22) 30.07.2019 (54) Human antigen binding proteins that bind beta-Klotho, FGF receptors and complexes thereof (62) 2017200115
(71) Accenture Global Solutions Limited (21) 2019210538 (22) 30.07.2019 (54) DIGITAL CONTENT MANAGEMENT PLATFORM (31) 201841028999 (32) 01.08.18 (33) IN	(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019210595 (22) 01.08.2019 (54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM (62) 2017252021	(71) Apple Inc. (21) 2019210573 (22) 31.07.2019 (54) Object stack (62) 2017213495
(71) Accenture Global Solutions Limited (21) 2019210601 (22) 01.08.2019 (54) AUTOMATIC GENERATION OF MICROSERVICES BASED ON TECHNICAL DESCRIPTION OF LEGACY CODE (62) 2018204133	(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019210608 (22) 01.08.2019 (54) TECHNIQUES FOR BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM (62) 2018206837	(71) Aristocrat Technologies Australia Pty Limited (21) 2019210488 (22) 29.07.2019 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING JIGSAW REELS (31) 16/050,903 (32) 31.07.18 (33) US
(71) Accenture Global Solutions Limited (21) 2019210603 (22) 01.08.2019 (54) PROCESSING DATA FOR USE IN A COGNITIVE INSIGHTS PLATFORM (62) 2018204097	(71) Agrivida, Inc. (21) 2019208278 (22) 29.07.2019 (54) Intein-modified proteases, their production and industrial applications (62) 2013326972	(71) Aristocrat Technologies Australia Pty Limited (21) 2019210505 (22) 30.07.2019 (54) A GAMING SYSTEM AND A GAMING PERIPHERAL (62) 2017202650
(71) Accenture Global Solutions Limited (21) 2019210614 (22) 01.08.2019 (54) APPROACHES FOR KNOWLEDGE GRAPH PRUNING BASED ON SAMPLING AND INFORMATION GAIN THEORY (31) 16/520,611 (32) 24.07.19 (33) US 62/715,598 07.08.18 US	(71) Air Products and Chemicals, Inc. (21) 2019208279 (22) 29.07.2019 (54) BALANCING POWER IN SPLIT MIXED REFRIGERANT LIQUEFACTION SYSTEM (31) 16/053,196 (32) 02.08.18 (33) US	(71) Aristocrat Technologies Australia Pty Limited (21) 2019210586 (22) 31.07.2019 (54) MEMORY EXPANSION BOARD WITH RANDOM NUMBER GENERATOR (31) 2019902239 (32) 26.06.19 (33) AU
(71) Accenture Global Solutions Limited (21) 2019210617 (22) 01.08.2019 (54) INTELLIGENT CASE MANAGEMENT PLATFORM (31) 16/107,520 (32) 21.08.18 (33) US	(71) Al Marakeb Manufacturing Boats Est (21) 2019210622 (22) 01.08.2019 (54) Vessel conversion module, vessel and method (62) 2017236007	(71) Aristocrat Technologies Australia Pty Limited (21) 2019210589 (22) 31.07.2019 (54) A GAMING SYSTEM
(71) Aerie Pharmaceuticals, Inc (21) 2019210632 (22) 02.08.2019 (54) DUAL MECHANISM INHIBITORS FOR THE TREATMENT OF DISEASE (62) 2017248440		(71) Aristocrat Technologies Australia Pty Limited (21) 2019210671 (22) 02.08.2019 (54) Multi-Game Gaming Machine (62) 2016273889

Complete Applications Filed - Name Index cont'd

(71) ASSA ABLOY New Zealand Limited  
(21) 2019210483 (22) 29.07.2019  
(54) A LOCK ASSEMBLY  
(31) 744728 (32) 30.07.18 (33) NZ

(71) ASSA ABLOY New Zealand Limited  
(21) 2019210627 (22) 02.08.2019  
(54) A LATCH ASSEMBLY

(71) Athenix Corporation  
(21) 2019210561 (22) 31.07.2019  
(54) Axmi115 variant insecticidal gene and methods for its use  
(62) 2017202747

(71) Atrium Medical Corporation  
(21) 2019210548 (22) 31.07.2019  
(54) ROLLED FLEXIBLE IMPLANTS AND DEVICE FOR DEPLOYMENT THERE-OF  
(62) 2017261564

(71) Aurora Flight Sciences Corporation  
(21) 2019210583 (22) 31.07.2019  
(54) Combination flight and ground apparatus for a vehicle  
(31) 16/054,307 (32) 03.08.18 (33) US

(71) B.N. WHEILDON & J.L. WHEILDON  
(21) 2019210540 (22) 30.07.2019  
(54) Fly Meal designed to attract and breed up fly numbers in crops/greenhouses for pollination. AKA FlyGro

(71) Babcock Power Services Inc.  
(21) 2019210649 (22) 02.08.2019  
(54) BI-METALLIC SWING HAMMERS  
(31) 16/100,692 (32) 10.08.18 (33) US

(71) Bachmann Innovations Pty Limited  
(21) 2019210616 (22) 01.08.2019  
(54) A Cabinet, An Adaptor Kit and an Associated Method

(71) Base Air Management, Inc.  
(21) 2019210591 (22) 31.07.2019  
(54) Symmetrically dynamic equalized volume and pressure air management system  
(62) 2018217242

(71) BASF SE  
(21) 2019210580 (22) 31.07.2019  
(54) Acid-free quaternised nitrogen compounds and use thereof as additives in fuels and lubricants  
(62) 2017228610

(71) Beckman Coulter, Inc.  
(21) 2019210584 (22) 31.07.2019

(54) Regulatory T cells and methods of identifying, obtaining and using to treat immuno-based disorders  
(62) 2017204850

(71) Becton, Dickinson and Company  
(21) 2019210508 (22) 30.07.2019  
(54) Electro-magnetic needle catheter insertion system  
(62) 2017262638

(71) Becton, Dickinson and Company  
(21) 2019210572 (22) 31.07.2019  
(54) IV access port cap for providing antimicrobial protection  
(62) 2015219311

(71) BGC Partners, Inc  
(21) 2019210637 (22) 02.08.2019  
(54) A CONTROLLER DEVICE  
(62) 2018250427

(71) BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Ganymed Pharmaceuticals AG  
(21) 2019210582 (22) 31.07.2019  
(54) CLAUDIN-6-SPECIFIC IMMUNORECEPTORS AND T CELL EPITOPES  
(62) 2015239683

(71) Biosense Webster (Israel) Ltd.  
(21) 2019210560 (22) 31.07.2019  
(54) Unipolar reference electrode for electrophysiology mapping catheter  
(31) 62/714,110 (32) 03.08.18 (33) US  
16/451,263 25.06.19 US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019210660 (22) 02.08.2019  
(54) Catheter with improved irrigated tip electrode having two-piece construction, and method of manufacturing therefor  
(62) 2014208209

(71) Biosense Webster (Israel) Ltd.  
(21) 2019210670 (22) 02.08.2019  
(54) Catheter with needles for ablating tissue layers in vessel  
(62) 2018264063

(71) Biosuccess Biotech Co. Ltd.  
(21) 2019210621 (22) 01.08.2019  
(54) Compositions and methods of use of phorbol esters  
(62) 2017276345

(71) Boehringer Ingelheim Animal Health USA Inc.  
(21) 2019210537 (22) 30.07.2019  
(54) FMDV recombinant vaccines and uses thereof  
(62) 2015320673

(71) Boehringer Ingelheim Animal Health USA Inc.  
(21) 2019210638 (22) 02.08.2019  
(54) Automated caged bird spray applicator system  
(62) 2016338413

(71) Bolton, L.  
(21) 2019210536 (22) 30.07.2019  
(54) IMPROVED PLUMBING FITTING AND ATTACHMENT

(71) Brown, D.  
(21) 2019210610 (22) 01.08.2019  
(54) Use of substituted hexitols including dianhydrogalactitol and analogs to treat neoplastic disease and cancer stem cells including glioblastoma multiforme and medulloblastoma  
(62) 2017251718

(71) BVN Architecture Pty Ltd  
(21) 2019208277 (22) 29.07.2019  
(54) A SYSTEM FOR CONFIGURING AN ENVIRONMENT TO PROVIDE MOBILE COMPUTING  
(31) 2018902767 (32) 31.07.18 (33) AU

(71) Canon Kabushiki Kaisha  
(21) 2019210524 (22) 30.07.2019  
(54) Process cartridge, electrophotographic image forming apparatus and electrophotographic photosensitive drum unit  
(62) 2017210609

(71) Carling Technologies, Inc.  
(21) 2019210620 (22) 01.08.2019  
(54) Circuit Breaker With Slide To Test Function  
(31) 16/123,557 (32) 06.09.18 (33) US

(71) Carling Technologies, Inc.  
(21) 2019210625 (22) 01.08.2019  
(54) Remote Operated Ground Fault Circuit Breaker  
(31) 16/123,627 (32) 06.09.18 (33) US

(71) Caterpillar Global Mining Europe GmbH  
(21) 2019210489 (22) 29.07.2019  
(54) SYSTEM AND METHOD FOR MONITORING FAULT CONDITIONS IN A PAN LINE OF A LONGWALL MINING SYSTEM  
(31) 1812798.5 (32) 07.08.18 (33) GB

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(71) Caterpillar Inc.  
(21) 2019210611 (22) 01.08.2019  
(54) SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF A MACHINE  
(31) 16/058,380 (32) 08.08.18 (33) US

(71) ClearStream Technologies Limited  
(21) 2019210581 (22) 31.07.2019  
(54) Medical balloon including a radiopaque wire for precisely identifying a working surface location  
(62) 2017251712

(71) Colgate-Palmolive Company  
(21) 2019210639 (22) 02.08.2019  
(54) Oral care implement and method of forming an oral care implement  
(62) 2015412577

(71) CommScope Connectivity Belgium BVBA  
(21) 2019210541 (22) 31.07.2019  
(54) TELECOMMUNICATIONS ENCLOSURE AND ORGANIZER  
(62) 2017202168

(71) Connected Group Australia Pty Ltd  
(21) 2019210501 (22) 29.07.2019  
(54) Power Outlet Socket Sensor Switch  
(62) 2019203521

(71) Covidien LP  
(21) 2019210499 (22) 29.07.2019  
(54) Input device assemblies for robotic surgical systems  
(62) 2015214157

(71) Covidien LP  
(21) 2019210533 (22) 30.07.2019  
(54) Electrosurgical tissue sealing device with non-stick coating  
(62) 2018222882

(71) Deere & Company  
(21) 2019210502 (22) 30.07.2019  
(54) HARVESTER WITH ADJUSTABLE SEPARATOR  
(31) 62/754,809 (32) 02.11.18 (33) US  
16/459,053 01.07.19 US

(71) Deere & Company  
(21) 2019210557 (22) 31.07.2019  
(54) Sensing and control of liquid application using an agricultural machine  
(31) 16/054,182 (32) 03.08.18 (33) US  
16/055,341 06.08.18 US

(71) DePuy Synthes Products, Inc.  
(21) 2019210669 (22) 02.08.2019

(54) Stent delivery with expansion assisting delivery wire  
(31) 16/056,065 (32) 06.08.18 (33) US

(71) DuPont Nutrition BioSciences ApS  
(21) 2019210497 (22) 29.07.2019  
(54) Strains and methods for improving ruminant health and/or performance  
(62) 2017276182

(71) E. I. Du Pont De Nemours and Company  
(21) 2019210623 (22) 01.08.2019  
(54) NAPHTHALENE ISOXAZOLINE INVERTEBRATE PEST CONTROL AGENTS  
(62) 2018202270

(71) Enterome; Institut National De La Recherche Agronomique  
(21) 2019210666 (22) 02.08.2019  
(54) GENE SIGNATURES OF INFLAMMATORY DISORDERS THAT RELATE TO THE LIVER  
(62) 2013333882

(71) EtchCO Pty Ltd  
(21) 2019210588 (22) 31.07.2019  
(54) SECURE PRODUCT  
(31) 2019900701 (32) 04.03.19 (33) AU

(71) ETURI CORP  
(21) 2019210615 (22) 01.08.2019  
(54) SCHEDULE AND LOCATION RESPONSIVE AGREEMENT COMPLIANCE CONTROLLED INFORMATION THROTTLE  
(62) 2015236490

**Evans, S. see Fisher & Paykel Healthcare Limited**  
(21) 2019210575

(71) ExploraMed NC7, Inc.  
(21) 2019210556 (22) 31.07.2019  
(54) Synchronizing breast pumping with infant feeding  
(62) 2015301956

(71) ExploraMed NC7, Inc.  
(21) 2019210590 (22) 31.07.2019  
(54) Breast pump system and methods  
(62) 2015292839

**F. Hoffmann-La Roche AG see GENENTECH, INC.**  
(21) 2019210484

(71) Faresin Formwork S.p.A.  
(21) 2019210571 (22) 31.07.2019

(54) Supporting and guiding device for a climbing formwork beam and such beam  
(31) 102018000008150 (32) 22.08.18 (33) IT

(71) Fisher & Paykel Healthcare Limited; Millar, G.; Norton, M.; McDermott, G.; Evans, S.; McCauley, D.; McKenna, N.; Osborne, H.; Stanton, J.; Maeckelberghe, T.; Holyoake, B.  
(21) 2019210575 (22) 31.07.2019  
(54) HUMIDIFICATION SYSTEM CONNECTIONS  
(62) 2014367362

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2019210650 (22) 02.08.2019  
(54) INSUFFLATION APPARATUS AND METHODS AND A GAS GENERATING CARTRIDGE THEREFOR  
(62) 2014207914

(71) Frank's International, LLC  
(21) 2019210606 (22) 01.08.2019  
(54) Connection Analyzed Make-Up Systems And Methods  
(31) 62/715,588 (32) 07.08.18 (33) US  
16/527,840 31.07.19 US

**Ganymed Pharmaceuticals AG see BioNTech Cell & Gene Therapies GmbH**  
(21) 2019210582

(71) GE Global Sourcing LLC  
(21) 2019210528 (22) 30.07.2019  
(54) LOCOMOTIVE PROPULSION SYSTEM  
(31) 16/050,361 (32) 31.07.18 (33) US

(71) GENENTECH, INC.; F. Hoffmann-La Roche AG  
(21) 2019210484 (22) 29.07.2019  
(54) Anti-angiogenesis therapy for the treatment of ovarian cancer  
(62) 2019203466

(71) Gilead Sciences, Inc.  
(21) 2019210558 (22) 31.07.2019  
(54) Pharmaceutical formulations comprising tenofovir and emtricitabine  
(62) 2016287500

(71) Google LLC  
(21) 2019210629 (22) 02.08.2019  
(54) MESH NETWORK ADDRESSING  
(62) 2017245300

**Haddock, D. see Haddock, R.**  
(21) 2019210634

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(71) Haddock, R.; Haddock, D.  
(21) 2019210634 (22) 02.08.2019  
(54) PHOTOVOLTAIC MODULE MOUNT-  
ING ASSEMBLY  
(62) 2016262670

(71) Hazama, M.  
(21) 2019210570 (22) 29.07.2019  
(54) Methods of Calculating Potential En-  
ergy in Substances and Light, Method  
of Creating Timeless Condition, Meth-  
ods of Creating Reverse Time, and  
Methods of Calculating Potential En-  
ergy in Substances and Light in the 5th,  
6th, 7th, 8th, and 9th Dimensions.

**Holyoake, B. see Fisher & Paykel Health-  
care Limited**  
(21) 2019210575

(71) Hua, S.  
(21) 2019210492 (22) 29.07.2019  
(54) System and method for wire-guided  
pedicle screw stabilization of spinal ver-  
tebrae  
(62) 2017245407

(71) IGT  
(21) 2019210512 (22) 30.07.2019  
(54) Systems and Methods for providing  
Gaming Content Synchronized with  
Streaming Video Content  
(31) 16/110,431 (32) 23.08.18 (33) US

(71) Immune Design Corp.  
(21) 2019210644 (22) 02.08.2019  
(54) GLA Monotherapy For Use In Cancer  
Treatment  
(62) 2014253791

**Imperial Innovations Limited see Los  
Alamos National Security, LLC**  
(21) 2019210493

(71) INCYTE CORPORATION  
(21) 2019210624 (22) 01.08.2019  
(54) CYCLOPROPYLAMINES AS LSD1 IN-  
HIBITORS  
(62) 2015217073

**Inovio Phrmaceuticals, Inc. see The Trust-  
ees of the University of Pennsylvania**  
(21) 2019210577

**Institut National De La Recherche Agro-  
nomique see Enterome**  
(21) 2019210666

(71) International Paper Company  
(21) 2019210574 (22) 31.07.2019

(54) CROSSLINKED PULPS, CELLULOSE  
ETHER PRODUCTS MADE THERE-  
FROM; AND RELATED METHODS OF  
MAKING PULPS AND CELLULOSE  
ETHER PRODUCTS  
(31) 62/712,844 (32) 31.07.18 (33) US  
15/999,228 16.08.18 US

(71) International Paper Company  
(21) 2019210613 (22) 01.08.2019  
(54) CROSSLINKED KRAFT PULP COM-  
POSITIONS AND METHOD  
(62) 2017223978

(71) IsoLynx, LLC  
(21) 2019210645 (22) 02.08.2019  
(54) SYSTEM AND METHOD FOR OBJECT  
TRACKING ANTI-JITTER FILTERING  
(62) 2018222928

(71) Joy Global Surface Mining Inc  
(21) 2019210596 (22) 01.08.2019  
(54) Mining shovel with bushings at pin loca-  
tions  
(62) 2015202087

(71) Komatsu Ltd.  
(21) 2019210643 (22) 02.08.2019  
(54) Shape measuring system and shape  
measuring method  
(62) 2016336314

(71) L. & A. FAZZINI MANUFACTURING  
PTY LTD  
(21) 2019210599 (22) 01.08.2019  
(54) Improved mesh, mesh panels, compos-  
ite building elements and method of re-  
inforcing and articles reinforced by the  
method, duct and riser walls and meth-  
ods for their construction  
(62) 2017219160

(71) Laika Coffee Roasters  
(21) 2019210498 (22) 29.07.2019  
(54) Coffee roasting arrangement and sys-  
tem  
(31) 2018902756 (32) 30.07.18 (33) AU

(71) Lee, R.  
(21) 2019210651 (22) 02.08.2019  
(54) POST CLEANING APPARATUS  
(31) 2018902818 (32) 02.08.18 (33) AU

(71) LG Electronics Inc.  
(21) 2019210565 (22) 31.07.2019  
(54) Moving robot, method for controlling  
moving robot, and moving robot system  
(31) 62/714,088 (32) 03.08.18 (33) US  
62/714,746 05.08.18 US  
10-2019-0012990 31.01.19 KR

(71) LG Electronics Inc.  
(21) 2019210641 (22) 02.08.2019

(54) Lawn mower robot, system of lawn  
mower robot and control method of  
lawn mower robot system  
(31) 10-2019-0012994 (32) 31.01.19 (33) KR  
62/714,746 05.08.18 US  
62/714,088 03.08.18 US

(71) LG ELECTRONICS INC.  
(21) 2019210604 (22) 01.08.2019  
(54) Refrigerator  
(31) 10-2018-0089933 (32) 01.08.18 (33) KR

(71) LG ELECTRONICS INC.  
(21) 2019210609 (22) 01.08.2019  
(54) Refrigerator  
(31) 10-2018-0089934 (32) 01.08.18 (33) KR

(71) LifeCell Corporation  
(21) 2019210597 (22) 01.08.2019  
(54) Adipose tissue matrices  
(62) 2017216486

(71) LifeCell Corporation  
(21) 2019210635 (22) 02.08.2019  
(54) Abdominal wall treatment devices  
(62) 2017245426

(71) Los Alamos National Security, LLC; Im-  
perial Innovations Limited  
(21) 2019210493 (22) 29.07.2019  
(54) Anomaly detection to identify coordin-  
ated group attacks in computer net-  
works  
(62) 2017254815

(71) Luminex Corporation  
(21) 2019210652 (22) 02.08.2019  
(54) METHODS FOR GENERATING STA-  
BILIZED LYOPHILIZED MATERIALS  
(62) 2019201779

**Maeckelberghe, T. see Fisher & Paykel  
Healthcare Limited**  
(21) 2019210575

**McCauley, D. see Fisher & Paykel Health-  
care Limited**  
(21) 2019210575

**McDermott, G. see Fisher & Paykel Health-  
care Limited**  
(21) 2019210575

(71) McDonnell, V.  
(21) 2019210539 (22) 30.07.2019  
(54) A Ball Packaging System  
(31) 2018902831 (32) 03.08.18 (33) AU  
2018903161 28.08.18 AU

Complete Applications Filed - Name Index cont'd

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**McKenna, N. see Fisher & Paykel Healthcare Limited**

(21) 2019210575

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**Millar, G. see Fisher & Paykel Healthcare Limited**

(21) 2019210575

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(71) Mina Therapeutics Limited

(21) 2019210578 (22) 31.07.2019

(54) C/EBP alpha saRNA compositions and methods of use

(62) 2016251415

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(71) Mitsubishi Tanabe Pharma Corporation; Osaka University; National University Corporation Chiba University

(21) 2019210655 (22) 02.08.2019

(54) RGMa binding protein and use thereof

(62) 2016253886

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(71) Molecular Templates, Inc.

(21) 2019210656 (22) 02.08.2019

(54) MHC class I epitope delivering polypeptides

(62) 2015209063

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(71) Myriad Genetics, Inc.

(21) 2019210509 (22) 30.07.2019

(54) CANCER BIOMARKERS

(62) 2017203453

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(71) Nasdaq Technology AB

(21) 2019210593 (22) 31.07.2019

(54) Visualization for account balance view

(62) 2017216549

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**National University Corporation Chiba University see Mitsubishi Tanabe Pharma Corporation**

(21) 2019210655

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(71) Neeralta Manufacturing Inc.

(21) 2019210522 (22) 30.07.2019

(54) An Expandable Grain Bagging Apparatus and Method Thereof

(31) 62/746,130 (32) 16.10.18 (33) US

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(71) Nemaska Lithium Inc.

(21) 2019210218 (22) 29.07.2019

(54) Processes for preparing lithium hydroxide

(62) 2017258936

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(71) Netflix, Inc.

(21) 2019210630 (22) 02.08.2019

(54) Distributed traffic management system and techniques

(62) 2015320692

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(71) NeuroTronik IP Holding (Jersey) Limited

(21) 2019210600 (22) 01.08.2019

(54) ENHANCING LEFT VENTRICULAR RELAXATION THROUGH NEUROMODULATION

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**Norton, M. see Fisher & Paykel Healthcare Limited**

(21) 2019210575

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(71) Novartis AG

(21) 2019210507 (22) 30.07.2019

(54) Thymic stromal lymphopoietin (TSLP)-binding antibodies and methods of using the antibodies

(62) 2016320748

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(71) Novartis AG

(21) 2019210602 (22) 01.08.2019

(54) Amino pyridine derivatives as phosphatidylinositol 3-kinase inhibitors

(62) 2018200460

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(71) NTT DOCOMO, INC.

(21) 2019210516 (22) 30.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction decoding device and video prediction decoding method

(62) 2017248485

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(71) NTT DOCOMO, INC.

(21) 2019210520 (22) 30.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction decoding device and video prediction decoding method

(62) 2017248485

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(71) NTT DOCOMO, INC.

(21) 2019210523 (22) 30.07.2019

(54) Predictive encoding method, predictive encoding device, and predictive encoding program of motion vector, and, predictive decoding method, predictive decoding device, and predictive decoding program of motion vector

(62) 2018267557

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(71) NTT DOCOMO, INC.

(21) 2019210530 (22) 30.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction decoding device and video prediction decoding method

(62) 2017248485

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(71) NTT DOCOMO, INC.

(21) 2019210532 (22) 30.07.2019

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(54) Video prediction encoding device, video prediction encoding method, video prediction decoding device and video prediction decoding method

(62) 2017248485

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(71) NTT DOCOMO, INC.

(21) 2019210544 (22) 31.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction encoding program, video prediction decoding device, video prediction decoding method, and video prediction decoding program

(62) 2017204898

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(71) NTT DOCOMO, INC.

(21) 2019210545 (22) 31.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction encoding program, video prediction decoding device, video prediction decoding method, and video prediction decoding program

(62) 2017204898

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(71) NTT DOCOMO, INC.

(21) 2019210546 (22) 31.07.2019

(54) Video prediction encoding device, video prediction encoding method, video prediction encoding program, video prediction decoding device, video prediction decoding method, and video prediction decoding program

(62) 2017204898

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(71) NTT DOCOMO INC.

(21) 2019210547 (22) 31.07.2019

(54) Enhanced intra-prediction coding using planar representations

(62) 2018201830

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(71) NTT DOCOMO INC.

(21) 2019210549 (22) 31.07.2019

(54) Enhanced intra-prediction coding using planar representations

(62) 2018201830

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(71) NTT DOCOMO INC.

(21) 2019210553 (22) 31.07.2019

(54) Enhanced intra-prediction coding using planar representations

(62) 2018201830

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(71) NTT DOCOMO INC.

(21) 2019210554 (22) 31.07.2019

(54) Enhanced intra-prediction coding using planar representations

(62) 2018201830

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(71) NTT DOCOMO INC.

(21) 2019210555 (22) 31.07.2019

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Complete Applications Filed - Name Index cont'd

(54) Enhanced intra-prediction coding using planar representations  
(62) 2018201830

(71) NTT DOCOMO INC.  
(21) 2019210559 (22) 31.07.2019  
(54) Enhanced intra-prediction coding using planar representations  
(62) 2018201830

(71) Nuctech Company Limited  
(21) 2019210503 (22) 30.07.2019  
(54) Smart security inspection system and method  
(62) 2016327871

(71) NWS EUROPA GMBH  
(21) 2019210487 (22) 29.07.2019  
(54) GRAVITY DRAIN VALVE  
(62) 2015250017

(71) One Crete Concrete Constructions Pty Limited  
(21) 2019210519 (22) 30.07.2019  
(54) A formwork system  
(31) 2018902742 (32) 30.07.18 (33) AU

(71) Ormarc Engineering Pty Ltd  
(21) 2019210592 (22) 31.07.2019  
(54) Drill Rod Handler  
(62) 2015246649

Osaka University see Mitsubishi Tanabe Pharma Corporation  
(21) 2019210655

Osborne, H. see Fisher & Paykel Healthcare Limited  
(21) 2019210575

(71) Oticon Medical A/S  
(21) 2019210513 (22) 30.07.2019  
(54) A Cochlear Stimulation System with an Improved Method for Determining a Temporal Fine Structure Parameter  
(31) 18186527.0 (32) 31.07.18 (33) EP

(71) Otis Elevator Company  
(21) 2019210562 (22) 31.07.2019  
(54) Web based storage for microprocessor and micro controller based product software management  
(31) 201811029079 (32) 02.08.18 (33) IN

(71) Owens-Brockway Glass Container Inc.  
(21) 2019210514 (22) 30.07.2019  
(54) Product and package with a photo-sensitive use-evident feature  
(62) 2017228651

(71) Pajunk GmbH Medizintechnologie  
(21) 2019210631 (22) 02.08.2019  
(54) Cannula  
(31) 10 2018 121 733.1 (32) 06.09.18 (33) DE

(71) Patent Investment & Licensing Company  
(21) 2019210576 (22) 31.07.2019  
(54) Generating a Score Related to Play on Gaming Devices  
(62) 2017206146

(71) PB IP Ltd  
(21) 2019210564 (22) 31.07.2019  
(54) Method of controlling insects and insecticide for use therein  
(62) 2015234233

(71) PETROLIAM NASIONAL BERHAD (PETRONAS)  
(21) 2019210653 (22) 02.08.2019  
(54) A degradation agent and method of preparation thereof  
(62) 2018200195

(71) Pfizer Inc.  
(21) 2019210579 (22) 31.07.2019  
(54) RSV F protein mutants  
(62) 2016379097

(71) PlusN, LLC  
(21) 2019210496 (22) 29.07.2019  
(54) System and method for radio frequency carrier aggregation  
(62) 2014354845

(71) Pneuma Respiratory, Inc.  
(21) 2019210668 (22) 02.08.2019  
(54) Droplet delivery device for delivery of fluids to the pulmonary system and methods of use  
(62) 2017260444

(71) Polaris Industries Inc.  
(21) 2019210495 (22) 29.07.2019  
(54) Utility Vehicle  
(62) 2017204255

(71) Prime Datum Development Company LLC  
(21) 2019210485 (22) 29.07.2019  
(54) Direct-drive system for cooling system fans, exhaust blowers and pumps  
(62) 2014215568

(71) Purdue Pharma L.P.  
(21) 2019210511 (22) 30.07.2019  
(54) Tamper resistant oral pharmaceutical dosage forms comprising an opioid analgesic  
(62) 2017208264

(71) Qualcomm Incorporated  
(21) 2019210490 (22) 29.07.2019  
(54) UNIFIED FRAME STRUCTURE  
(62) 2018232997

(71) Qualcomm Incorporated  
(21) 2019210657 (22) 02.08.2019  
(54) WIRELESS COMMUNICATION SYSTEMS AND METHODS HAVING A USER EQUIPMENT-CENTRIC MEDIUM ACCESS CONTROL LAYER  
(62) 2015343543

(71) Qualcomm Incorporated  
(21) 2019210658 (22) 02.08.2019  
(54) WIRELESS COMMUNICATION SYSTEMS AND METHODS HAVING A USER EQUIPMENT-CENTRIC MEDIUM ACCESS CONTROL LAYER  
(62) 2015343543

(71) Qualcomm Incorporated  
(21) 2019210659 (22) 02.08.2019  
(54) WIRELESS COMMUNICATION SYSTEMS AND METHODS HAVING A USER EQUIPMENT-CENTRIC MEDIUM ACCESS CONTROL LAYER  
(62) 2015343543

(71) Regulus Therapeutics Inc.  
(21) 2019210494 (22) 29.07.2019  
(54) Methods for treatment of Alport Syndrome  
(62) 2013329427

(71) Rohm and Haas Company  
(21) 2019210636 (22) 02.08.2019  
(54) CONTROL OF SCALE IN WAREWASH APPLICATIONS  
(62) 2016236080

(71) Roquette Freres  
(21) 2019210521 (22) 30.07.2019  
(54) Film-forming compositions for the film-coating of solid forms  
(62) 2018201455

(71) Rynkar Pty Ltd  
(21) 2019210542 (22) 31.07.2019  
(54) A poultry drinker and feeder system  
(31) 2018902821 (32) 02.08.18 (33) AU

(71) SAINT-GOBAIN ISOVER  
(21) 2019210626 (22) 01.08.2019  
(54) Method and device for determining the heat loss coefficient of a room  
(62) 2014375095

(71) SARcode Bioscience Inc.  
(21) 2019210525 (22) 30.07.2019  
(54) LFA-1 inhibitor and polymorph thereof  
(62) 2017265071

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<p>(71) Sato Holdings Corporation (21) 2019210552 (22) 31.07.2019 (54) Impedance Compensation in an RF Signal System (62) 2017225008</p>	<p>(54) Automated supervision and inspection of assembly process (31) 62/718,786 (32) 14.08.18 (33) US</p>	<p>(71) Velos Media International Limited (21) 2019210569 (22) 31.07.2019 (54) Image processing apparatus and method (62) 2017204143</p>
<p>(71) Scott &amp; White Healthcare (21) 2019210667 (22) 02.08.2019 (54) METHODS AND COMPOSITIONS BASED ON DIPHThERIA TOXIN-INTERLEUKIN-3 CONJUGATES (62) 2017245391</p>	<p>(71) The Chamberlain Group, Inc. (21) 2019210566 (22) 31.07.2019 (54) Barrier operator feature enhancement (62) 2017261560</p>	<p><b>Vergone, S. see Vergone, R.</b> (21) 2019210527</p>
<p>(71) SecureAuth Corporation (21) 2019210633 (22) 02.08.2019 (54) Mobile multifactor single-sign-on authentication (62) 2013318497</p>	<p>(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc. (21) 2019210577 (22) 31.07.2019 (54) Vaccines with CD40 ligand as an adjuvant (62) 2016235533</p>	<p>(71) Vinci Construction (21) 2019210526 (22) 30.07.2019 (54) Staircase Produced by 3D Printing of a Cementitious Material (31) 1857101 (32) 30.07.18 (33) FR</p>
<p>(71) Smith &amp; Nephew plc (21) 2019210618 (22) 01.08.2019 (54) pH indicator dressing (62) 2014333835</p>	<p>(71) Thursday Pools (21) 2019210529 (22) 30.07.2019 (54) Preformed swimming pool body having a built-in pit (31) 16/100,879 (32) 10.08.18 (33) US (62) 2018223039</p>	<p>(71) W. L. Gore &amp; Associates, Inc. (21) 2019210640 (22) 02.08.2019 (54) Geometric control of bending character in prosthetic heart valve leaflets (62) 2017200967</p>
<p>(71) Stamicarbon B.V. (21) 2019210517 (22) 30.07.2019 (54) SUBMICRON PARTICLE REMOVAL FROM GAS STREAMS (62) 2017262812</p>	<p>(71) Thursday Pools (21) 2019210568 (22) 31.07.2019 (54) Geotextile sheeting stabilized fiberglass swimming pool body (31) 16/053,030 (32) 02.08.18 (33) US (62) 2016373976</p>	<p>(71) Wang Tsai, C. (21) 2019210510 (22) 30.07.2019 (54) LABEL STICKER (31) 107131807 (32) 11.09.18 (33) TW</p>
<p><b>Stanton, J. see Fisher &amp; Paykel Healthcare Limited</b> (21) 2019210575</p>	<p>(71) Transcon Securities Pty Ltd (21) 2019210605 (22) 01.08.2019 (54) Financial management system (62) 2017216563</p>	<p>(71) Warsaw Orthopedic, Inc. (21) 2019210628 (22) 02.08.2019 (54) Spinal implant system and method (62) 2016373976</p>
<p>(71) StemRIM Inc. (21) 2019210647 (22) 02.08.2019 (54) Peptide for inducing regeneration of tissue and use thereof (62) 2017203644</p>	<p><b>TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see BioNTech Cell &amp; Gene Therapies GmbH</b> (21) 2019210582</p>	<p>(71) Westcott Designs Inc. (21) 2019210534 (22) 30.07.2019 (54) Multipurpose swing arm assembly of a vehicle accessory rack (31) 62/715,657 (32) 07.08.18 (33) US</p>
<p>(71) T.U.I. INDUSTRIAL CO., LTD. (21) 2019210550 (22) 31.07.2019 (54) CULTIVATION ASSEMBLY</p>	<p>(71) TrueMotion, Inc. (21) 2019210619 (22) 01.08.2019 (54) Methods and systems for driver identification (62) 2013370495</p>	<p>(71) Westcott Designs Inc. (21) 2019210535 (22) 30.07.2019 (54) Accessory rack for a vehicle (31) 62/715,657 (32) 07.08.18 (33) US</p>
<p>(71) Technological Resources Pty Ltd (21) 2019210585 (22) 31.07.2019 (54) A method of operating a vehicle and a vehicle operating system (62) 2014409929</p>	<p>(71) Uber Technologies, Inc. (21) 2019210587 (22) 31.07.2019 (54) Object detection based on lidar intensity (31) 62/712,479 (32) 31.07.18 (33) US 16/166,950 22.10.18 US</p>	<p>(71) Westinghouse Air Brake Technologies Corporation (21) 2019210506 (22) 30.07.2019 (54) Railway Brake Cylinder Monitoring System and Method (31) 16/127,762 (32) 11.09.18 (33) US</p>
<p>(71) The Boeing Company (21) 2019210607 (22) 01.08.2019 (54) Automated supervision and inspection of assembly process (31) 62/718,812 (32) 14.08.18 (33) US</p>	<p>(71) The Boeing Company (21) 2019210612 (22) 01.08.2019</p>	<p>(71) Winfield Solutions, LLC (21) 2019210567 (22) 31.07.2019 (54) Improved plant growth regulator compositions and methods of using same (31) 62/712,641 (32) 31.07.18 (33) US</p>

Complete Applications Filed - Name Index cont'd

- (71) Wuhan Kaidi Engineering Technology  
 Research Institute Co., Ltd.  
 (21) 2019210500 (22) 29.07.2019  
 (54) Online Furnace Drying Method For  
 Heat-Insulation Natural Gas Catalytic  
 Oxidizing Furnace  
 (62) 2016236682
- 
- (71) Zelenak, S.  
 (21) 2019210518 (22) 30.07.2019  
 (54) A Hoarding Suspension Assembly and  
 Method of Use  
 (31) 2018902784 (32) 31.07.18 (33) AU

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2019208277	BVN Architecture Pty Ltd	2019210549	NTT DOCOMO INC.
2019208278	Agrivida, Inc.	2019210550	T.U.I. INDUSTRIAL CO., LTD.
2019208279	Air Products and Chemicals, Inc.	2019210551	AFINITI EUROPE TECHNOLOGIES LIMITED
2019210218	Nemaska Lithium Inc.	2019210552	Sato Holdings Corporation
2019210483	ASSA ABLOY New Zealand Limited	2019210553	NTT DOCOMO INC.
2019210484	GENENTECH, INC.; F. Hoffmann-La Roche AG	2019210554	NTT DOCOMO INC.
2019210485	Prime Datum Development Company LLC	2019210555	NTT DOCOMO INC.
2019210487	NWS EUROPA GMBH	2019210556	ExploraMed NC7, Inc.
2019210488	Aristocrat Technologies Australia Pty Limited	2019210557	Deere & Company
2019210489	Caterpillar Global Mining Europe GmbH	2019210558	Gilead Sciences, Inc.
2019210490	Qualcomm Incorporated	2019210559	NTT DOCOMO INC.
2019210492	Hua, S.	2019210560	Biosense Webster (Israel) Ltd.
2019210493	Los Alamos National Security, LLC; Imperial Innovations Limited	2019210561	Athenix Corporation
2019210494	Regulus Therapeutics Inc.	2019210562	Otis Elevator Company
2019210495	Polaris Industries Inc.	2019210564	PB IP Ltd
2019210496	PlusN, LLC	2019210565	LG Electronics Inc.
2019210497	DuPont Nutrition BioSciences ApS	2019210566	The Chamberlain Group, Inc.
2019210498	Laika Coffee Roasters	2019210567	Winfield Solutions, LLC
2019210499	Covidien LP	2019210568	Thursday Pools
2019210500	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.	2019210569	Velos Media International Limited
2019210501	Connected Group Australia Pty Ltd	2019210570	Hazama, M.
2019210502	Deere & Company	2019210571	Faresin Formwork S.p.A.
2019210503	Nuctech Company Limited	2019210572	Becton, Dickinson and Company
2019210504	Amgen Inc.	2019210573	Apple Inc.
2019210505	Aristocrat Technologies Australia Pty Limited	2019210574	International Paper Company
2019210506	Westinghouse Air Brake Technologies Corporation	2019210575	Fisher & Paykel Healthcare Limited; Millar, G.; Norton, M.; McDermott, G.; Evans, S.; McCauley, D.; McKenna, N.; Osborne, H.; Stanton, J.; Mäeckelberghe, T.; Holyoake, B.
2019210507	Novartis AG	2019210576	Patent Investment & Licensing Company
2019210508	Becton, Dickinson and Company	2019210577	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2019210509	Myriad Genetics, Inc.	2019210578	Mina Therapeutics Limited
2019210510	Wang Tsai, C.	2019210579	Pfizer Inc.
2019210511	Purdue Pharma L.P.	2019210580	BASF SE
2019210512	IGT	2019210581	ClearStream Technologies Limited
2019210513	Oticon Medical A/S	2019210582	BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Ganymed Pharmaceuticals AG
2019210514	Owens-Brockway Glass Container Inc.	2019210583	Aurora Flight Sciences Corporation
2019210516	NTT DOCOMO, INC.	2019210584	Beckman Coulter, Inc.
2019210517	Stamicarbon B.V.	2019210585	Technological Resources Pty Ltd
2019210518	Zelenak, S.	2019210586	Aristocrat Technologies Australia Pty Limited
2019210519	One Crete Concrete Constructions Pty Limited	2019210587	Uber Technologies, Inc.
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2019210521	Roquette Freres	2019210589	Aristocrat Technologies Australia Pty Limited
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2019210523	NTT DOCOMO, INC.	2019210591	Base Air Management, Inc.
2019210524	Canon Kabushiki Kaisha	2019210592	Ormarc Engineering Pty Ltd
2019210525	SARcode Bioscience Inc.	2019210593	Nasdaq Technology AB
2019210526	Vinci Construction	2019210594	AFINITI EUROPE TECHNOLOGIES LIMITED
2019210527	Vergone, R.; Vergone, S.	2019210595	AFINITI EUROPE TECHNOLOGIES LIMITED
2019210528	GE Global Sourcing LLC	2019210596	Joy Global Surface Mining Inc
2019210529	Thursday Pools	2019210597	LifeCell Corporation
2019210530	NTT DOCOMO, INC.	2019210599	L. & A. FAZZINI MANUFACTURING PTY LTD
2019210531	The Scripps Research Institute	2019210600	NeuroTronik IP Holding (Jersey) Limited
2019210532	NTT DOCOMO, INC.	2019210601	Accenture Global Solutions Limited
2019210533	Covidien LP	2019210602	Novartis AG
2019210534	Westcott Designs Inc.	2019210603	Accenture Global Solutions Limited
2019210535	Westcott Designs Inc.	2019210604	LG ELECTRONICS INC.
2019210536	Bolton, L.	2019210605	Transcon Securities Pty Ltd
2019210537	Boehringer Ingelheim Animal Health USA Inc.	2019210606	Frank's International, LLC
2019210538	Accenture Global Solutions Limited	2019210607	The Boeing Company
2019210539	McDonnell, V.	2019210608	AFINITI EUROPE TECHNOLOGIES LIMITED
2019210540	B.N WHEILDON & J.L WHEILDON	2019210609	LG ELECTRONICS INC.
2019210541	CommScope Connectivity Belgium BVBA	2019210610	Brown, D.
2019210542	Rynkar Pty Ltd	2019210611	Caterpillar Inc.
2019210544	NTT DOCOMO, INC.		
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2019210546	NTT DOCOMO, INC.		
2019210547	NTT DOCOMO INC.		
2019210548	Atrium Medical Corporation		

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**2019210612** The Boeing Company  
**2019210613** International Paper Company  
**2019210614** Accenture Global Solutions Limited  
**2019210615** ETURI CORP  
**2019210616** Bachmann Innovations Pty Limited  
**2019210617** Accenture Global Solutions Limited  
**2019210618** Smith & Nephew plc  
**2019210619** TrueMotion, Inc.  
**2019210620** Carling Technologies, Inc.  
**2019210621** Biosuccess Biotech Co. Ltd.  
**2019210622** Al Marakeb Manufacturing Boats Est  
**2019210623** E. I. Du Pont De Nemours and Company  
**2019210624** INCYTE CORPORATION  
**2019210625** Carling Technologies, Inc.  
**2019210626** SAINT-GOBAIN ISOVER  
**2019210627** ASSA ABLOY New Zealand Limited  
**2019210628** Warsaw Orthopedic, Inc.  
**2019210629** Google LLC  
**2019210630** Netflix, Inc.  
**2019210631** Pajunk GmbH Medizintechnologie  
**2019210632** Aerie Pharmaceuticals, Inc  
**2019210633** SecureAuth Corporation  
**2019210634** Haddock, R.; Haddock, D.  
**2019210635** LifeCell Corporation  
**2019210636** Rohm and Haas Company  
**2019210637** BGC Partners, Inc  
**2019210638** Boehringer Ingelheim Animal Health USA Inc.  
**2019210639** Colgate-Palmolive Company  
**2019210640** W. L. Gore & Associates, Inc.  
**2019210641** LG Electronics Inc.  
**2019210643** Komatsu Ltd.  
**2019210644** Immune Design Corp.  
**2019210645** IsoLynx, LLC  
**2019210647** StemRIM Inc.  
**2019210648** AbbVie Inc.  
**2019210649** Babcock Power Services Inc.  
**2019210650** FISHER & PAYKEL HEALTHCARE LIMITED  
**2019210651** Lee, R.  
**2019210652** Luminex Corporation  
**2019210653** PETROLIAM NASIONAL BERHAD (PETRONAS)  
**2019210655** Mitsubishi Tanabe Pharma Corporation; Osaka University; National University Corporation Chiba University  
**2019210656** Molecular Templates, Inc.  
**2019210657** Qualcomm Incorporated  
**2019210658** Qualcomm Incorporated  
**2019210659** Qualcomm Incorporated  
**2019210660** Biosense Webster (Israel) Ltd.  
**2019210661** 4D Pharma PLC  
**2019210666** Enterome; Institut National De La Recherche Agonomique  
**2019210667** Scott & White Healthcare  
**2019210668** Pneuma Respiratory, Inc.  
**2019210669** DePuy Synthes Products, Inc.  
**2019210670** Biosense Webster (Israel) Ltd.  
**2019210671** Aristocrat Technologies Australia Pty Limited  
**2019210672** ALSTOM Transport Technologies

**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 30 Jul 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Back Paddock Company Pty Ltd (21) 2019100835 (22) 29.07.2019 (54) A mixed farming management tool (31) 2018902781 (32) 31.07.18 (33) AU</p> <hr/> <p>(71) Creative Cuisine (Australia) Pty Ltd (21) 2019100840 (22) 30.07.2019 (54) TM PRO &amp; TM PRO PLUS</p> <hr/> <p>(71) Creative Cuisine (Australia) Pty Ltd (21) 2019100841 (22) 30.07.2019 (54) TM FRUIT</p> <hr/> <p>(71) Decken Biotech, Inc (21) 2019100842 (22) 31.07.2019 (54) Novel lutein active pellet</p> <hr/> <p>(71) Decken Biotech, Inc (21) 2019100843 (22) 31.07.2019 (54) Organic sulfate active pellet</p> <hr/> <p>(71) Fraser, M.A. (21) 2019100833 (22) 29.07.2019 (54) A portable shelter (62) 2018101518</p> <hr/> <p>(71) Jubian, A. (21) 2019100824 (22) 28.07.2019 (54) Consumers purchase products and want to have a convenient way of recording the purchase details and warranty information (if applicable) so they can find the information when they want to.</p> <hr/> <p>(71) LEVO TECHNOLOGY PTY LTD (21) 2019100834 (22) 29.07.2019 (54) Robotic Property Leasing Service The purpose of the invention is to establish an online Robotic Property Leasing Service, which combines various Artificial Intelligence technologies with property leasing legal knowledge, to accelerate the property leasing processes for individual or organisational property lessor (owner) and lessee (tenant) parties, and other related parties, such as Law Firms, Government, Agency and Financial institute etc.</p> <hr/> <p>(71) LG ELECTRONICS INC. (21) 2019100837 (22) 30.07.2019</p>	<p>(54) Nozzle for cleaner (31) 10-2018-0088842 (32) 30.07.18 (33) KR</p> <hr/> <p>(71) Neilsen R &amp; D Pty Ltd (21) 2019100830 (22) 29.07.2019 (54) Form On Site Prefabricated Panel Tank</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100825 (22) 29.07.2019 (54) Flotation cell (31) PCT/ (32) 01.08.18 (33) FI FI2018/050568</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100826 (22) 29.07.2019 (54) Flotation cell (31) PCT/ (32) 01.08.18 (33) FI FI2018/050565</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100827 (22) 29.07.2019 (54) Flotation cell (31) PCT/ (32) 01.08.18 (33) FI FI2018/050564</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100828 (22) 29.07.2019 (54) Flotation line (31) PCT/ (32) 01.08.18 (33) FI FI2018/050566</p> <hr/> <p>(71) Outotec (Finland) Oy (21) 2019100829 (22) 29.07.2019 (54) Flotation cell (31) PCT/ (32) 01.08.18 (33) FI FI2018/050567</p> <hr/> <p>(71) Pakpot Pty Ltd (21) 2019100845 (22) 31.07.2019 (54) Method of Applying a Label to a Container and a Container produced by said method</p> <hr/> <p>(71) Piper, N. (21) 2019100832 (22) 29.07.2019 (54) Dosing apparatus</p> <hr/> <p>(71) Risun Technology Pty Ltd. (21) 2019100831 (22) 29.07.2019 (54) A COMPUTER-IMPLEMENTED METHOD AND A COMPUTER SYSTEM FOR PRESENTING ON A SCREEN GRAPHIC INFORMATION CONTAINED IN A DESKTOP OF A VIRTU-</p>	<p>AL MACHINE OPERATING IN A VIRTUAL NETWORK COMPUTING SYSTEM</p> <hr/> <p>(71) RUDRA LEGAL CORPORATION PTY LTD (21) 2019100838 (22) 30.07.2019 (54) ALTERNATIVE AND TRANSFORMATIVE APPROACH TO THE LEGAL INDUSTRY.</p> <hr/> <p>(71) Sayers, J. (21) 2019100773 (22) 17.07.2019 (54) A new municipal entrepreneurial innovation system to manufacture renewable technology specifically for local government footprint infrastructure.</p> <hr/> <p>(71) Sayers, J. (21) 2019100782 (22) 18.07.2019 (54) Birthing a company owned by 547 Australian Municipal Shareholders: to deliver training of young people, create employment deliver new goods and services locally and nationally.</p> <hr/> <p>(71) Soetanto, J. (21) 2019100846 (22) 31.07.2019 (54) Pergola Louver Tilt System (62) 2019204946</p> <hr/> <p>(71) SOUTHEAST INNOVATION PTY LTD (21) 2019100836 (22) 29.07.2019 (54) Topical Composition (31) 2018902736 (32) 28.07.18 (33) AU</p> <hr/> <p>(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED (21) 2019100839 (22) 30.07.2019 (54) Systems and methods for remote power tool device control (31) 62/712,473 (32) 31.07.18 (33) US</p> <hr/> <p>(71) Watson, R. (21) 2019100847 (22) 31.07.2019 (54) 'Marley and Eva' produce personalised and customisable baby development cards. 'Marley and Eva' cards have a particular benefit to families that are spread out by distance where face to face meetings with the infant is not possible. 'Marley and Eva' goal is to improve the relationship in these situations with the baby and distant friends and relatives by encouraging interaction with our development cards.</p>
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Innovation Patent Applications Filed - Name Index cont'd

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- (71) Zhongjian Quality Test And Certification  
Research Intitute Co., Ltd  
(21) 2019100844 (22) 31.07.2019  
(54) AN OVERVOLTAGE OPTOELEC-  
TRONIC ISOLATION PROTECTION  
DEVICE BASED ON SHORT CIRCUIT  
TEST

**Numerical Index**

<b>2019100773</b>	Sayers, J.	<b>2019100836</b>	SOUTHEAST INNOVATION PTY LTD
<b>2019100782</b>	Sayers, J.	<b>2019100837</b>	LG ELECTRONICS INC.
<b>2019100824</b>	Jubian, A.	<b>2019100838</b>	RUDRA LEGAL CORPORATION PTY LTD
<b>2019100825</b>	Outotec (Finland) Oy	<b>2019100839</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
<b>2019100826</b>	Outotec (Finland) Oy	<b>2019100840</b>	Creative Cuisine (Australia) Pty Ltd
<b>2019100827</b>	Outotec (Finland) Oy	<b>2019100841</b>	Creative Cuisine (Australia) Pty Ltd
<b>2019100828</b>	Outotec (Finland) Oy	<b>2019100842</b>	Decken Biotech, Inc
<b>2019100829</b>	Outotec (Finland) Oy	<b>2019100843</b>	Decken Biotech, Inc
<b>2019100830</b>	Neilsen R & D Pty Ltd	<b>2019100844</b>	Zhongjian Quality Test And Certification Research Inti- tute Co., Ltd
<b>2019100831</b>	Risun Technology Pty Ltd.	<b>2019100845</b>	Pakpot Pty Ltd
<b>2019100832</b>	Piper, N.	<b>2019100846</b>	Soetanto, J.
<b>2019100833</b>	Fraser, M.A.	<b>2019100847</b>	Watson, R.
<b>2019100834</b>	LEVO TECHNOLOGY PTY LTD		
<b>2019100835</b>	Back Paddock Company 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
G	Patents Certified
N	Applications not Open to Public Inspection

**1999**

1999041087 ( 14 )	1999041121 ( 14 )	1999041137 ( 14 )
1999041147 ( 14 )	1999041165 ( 14 )	1999041174 ( 14 )
1999042345 ( 14 )	1999042378 ( 14 )	1999042380 ( 14 )
1999042383 ( 14 )	1999042410 ( 14 )	1999048023 ( 14 )
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2000012457 ( 14 )	2000021094 ( 14 )	2000021244 ( 14 )
2000026216 ( 14 )	2000027319 ( 14 )	2000027338 ( 14 )
2000027978 ( 14 )	2000033476 ( 14 )	2000034210 ( 14 )

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2001035543 ( 14 )	2001036484 ( 14 )	2001230454 ( 14 )
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2002224660 ( 14 )	2002225027 ( 14 )	2002225442 ( 14 )
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2003202173 ( 14 )	2003202584 ( 14 )	2003203520 ( 14 )
2003205307 ( 14 )	2003205637 ( 14 )	2003215706 ( 14 )
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2006206234 ( 14 )	2006206252 ( 14 )	2006206359 ( 14 )
2006206410 ( 14 )	2006206418 ( 14 )	2006206456 ( 14 )
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2015100052 ( 22E ) 2015100069 ( 22E ) 2015101771 ( 22E )  
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**2017**

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2017202721 ( 5C ) 2017203181 ( 5C ) 2017203899 ( 5C )  
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 2017204657 ( 5C ) 2017204773 ( 5C ) 2017204897 ( 5C )  
 2017204904 ( 16C ) 2017204910 ( 5C ) 2017206201 ( 14 )  
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 2017254895 ( 4C ) 2017258964 ( 4C ) 2017265128 ( 5C )  
 2017279739 ( 5C )

**2018**

2018101199 ( 21F ) 2018101575 ( 21F ) 2018101824 ( 21F )  
 2018101826 ( 21F ) 2018200228 ( 4C ) 2018200906 ( 5C )  
 2018201585 ( 25D ) 2018202423 ( 4C ) 2018202752 ( 5C )  
 2018206822 ( 16C ) 2018247223 ( 4C ) 2018902783 ( 12AN )  
 2018903095 ( 12AN ) 2018903097 ( 12AN )

**2019**

2019100538 ( 18AN ) 2019203178 ( 1B ) 2019203226 ( 1B )  
 2019203300 ( 1B ) 2019203304 ( 1B ) 2019203400 ( 7A )  
 2019203807 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014279848 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2014333546 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2014346518 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Refinitiv US Organization LLC**

2014408260 Protonex Technology Corporation The application has been assigned to **Upstart Power Inc**

**2015**

2015233183 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2015263104 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2015317466 iCeutica Inc. The application has been assigned to **Sun Pharma Global FZE**

2015365674 Caccia, Alex; Thomas, Adrian The application has been assigned to **ANIMAL DYNAMICS LIMITED**

**2016**

2016210984 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2016214244 Association Institut De Myologie; Institut National De La Sante Et De La Recherche Medicale; Universite Pierre et Marie Curie (Paris 6); Centre National De La Recherche Scientifique The application has been assigned to **Sorbonne Université; Association Institut De Myologie; Institut National De La Sante Et De La Recherche Medicale; Centre National De La Recherche Scientifique**

**Assignments before Grant, Section 113**

2016238581 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2016238582 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2016267051 EBM Fusion Solutions, LLC The application has been assigned to **Stryker European Operations Limited**

2016281746 Time Machine Capital Limited The application has been assigned to **Mashtraxx Limited**

2016286499 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2016299959 Feral Pty Ltd The application has been assigned to **RECYCLED PLASTIC FOUNDATIONS PTY LTD**

2016391055 Perqflo, LLC The application has been assigned to **Medtronic Minimed, Inc.**

**2017**

2017208042 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2017217997 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Refinitiv US Organization LLC**

2017218443 Perqflo, LLC The application has been assigned to **Medtronic Minimed, Inc.**

2017268504 Eisai Co., Ltd.; Seren Pharmaceuticals Inc.; Roivant Sciences GmbH The application has been assigned to **Seren Pharmaceuticals Inc.**

2017271807 Izumi Products Company The application has been assigned to **Maxell Izumi Co., Ltd.**

2017282065 Reckitt Benckiser (Brands) Limited The application has been assigned to **Reckitt Benckiser Health Limited**

2017321095 Stiles Manufacturing, LLC The application has been assigned to **Airlite Plastics Co.**

2017382375 Yerbic, Patrick; Livingston, Brian; Monroe, Noah; O'Bear, Raymond; bioMerieux, Inc. The application has been assigned to **bioMerieux, Inc.; bioMerieux, Inc.**

**2018**

2018200964 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Refinitiv US Organization LLC**

2018202573 Perqflo, LLC The application has been assigned to **Medtronic Minimed, Inc.**

**Assignments before Grant, Section 113**

2018208621 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Refinitiv US Organization LLC**

2018902733 Planet Intellectual Property Enterprises Pty Ltd The application has been assigned to **Lumos Diagnostics IP Pty Ltd**

2018902919 Nash, Simon The application has been assigned to **GWC Group Pty Ltd**

2018904261 Planet Intellectual Property Enterprises Pty Ltd The application has been assigned to **Lumos Diagnostics IP Pty Ltd**

**2019**

2019204103 VBI TECHNOLOGIES, LLC The application has been assigned to **VCell Therapeutics, Inc.**

2019204614 Singh Biotechnology, LLC The application has been assigned to **Singh Molecular Medicine, LLC**

2019900367 Nash, Simon The application has been assigned to **GWC Group Pty Ltd**

2019900994 Wynne, Ewen The application has been assigned to **Haigh Australia Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**1998**

1998056180 **Immunex Corporation** An application to extend the time from 22 Dec 2018 to 22 Jul 2019 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2011**

2011354492 **Sea to Summit Pty Ltd** An application to extend the time from 05 Jan 2019 to 05 Aug 2019 in which to pay the renewal fee has been filed . Address for service - Elliptic Legal & Patent Services SE 5A 63 Shepperton RD Victoria Park WA 6100 AU

**2013**

2013270606 **Sea to Summit Pty Ltd** An application to extend the time from 05 Jan 2019 to 05 Aug 2019 in which to pay a renewal fee has been filed . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

**2014**

2014374401 **AAI Corporation** An application to extend the time from 08 Oct 2018 to 08 May 2019 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

**Extensions of Time, Section 223**

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

**2001**

2001280685 **Trendium, Inc.** The time in which to pay a renewal fee has been extended to 20 Mar 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2007**

2007257336 **Cortical Dynamics Limited** The time in which to pay the renewal fee has been extended to 06 Mar 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2009**

2009222557 **Monash University** The time in which to pay a renewal fee has been extended to 02 May 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009298814 **Laboratory Skin Care, Inc.** The time in which to pay a renewal fee has been extended to 23 Apr 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2010**

2010289600 **LZ Therapeutics, Inc.** The time in which to pay a renewal fee has been extended to 01 Apr 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2012**

2012207035 **The Toro Company** The time in which to pay a renewal fee has been extended to 26 Dec 2018 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**2013**

2013240490 **United States Stove Company** The time in which to pay the continuation fee has been extended to 07 Apr 2019 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

**2014**

2014291646 **Equiline S.r.l.** The time in which to gain acceptance has been extended to 02 Sep 2019 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

**2015**

2015101317 **Elliot, J.J.** The time in which to pay the renewal fee has been extended to 17 May 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015202862 **Action Sports Equipment Pty Ltd; OTOS CO., LTD** The time in which to request examination has been extended to 05 Jul 2019 . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

**2016**

2016100149 **Druitt, H.** The time in which to pay the renewal fee has been extended to 11 May 2019 . Address for service - IP& Pty Ltd PO BOX 6061 PYMBLE NSW 2073 AU

**Amendments**

**Applications for Amendment**

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

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

**2013**

2013101518 REMOTE CONTENT DOWNLOAD **THE ADVANCED TECHNOLOGY GROUP PTY LTD** The nature of the amendment is as shown in the statement(s) filed 15 May 2019 . Address for service - AUCTUS ATTORNEYS AND ADVISORS PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2013202231 Apparatus for handling containers **Australian Mobile Mining Equipment Systems and Accessories Pty. Limited** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2019 . Address for service - Australian Patent and Trademark Services PO BOX 688 NORTH ADELAIDE SA 5006 AU

2013294915 Opioid formulations **Camurus AB** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2019 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**2015**

2015234233 Method of controlling insects and insecticide for use therein **PB IP Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2019 . Address for service - O'Sullivan Patent and Trade Mark Attorneys Pty Ltd PO BOX 75 WEMBLEY WA 6913 AU

2015238300 Quinoxaline derivatives useful as FGFR kinase modulators **Astex Therapeutics Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015248440 An ultrasound cleaning method with suspended nanoparticles **Ever Clean And Clear Technologies Ltd** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015306907 Methods for rapid and sensitive detection of hotspot mutations **Duke University** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015309939 Porous membrane **Asahi Kasei Medical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jun 2019 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

2015358257 Compositions and methods for reducing nitrogen volatilization of urea fertilizers **Active Agriscience Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2019 . Address

**Amendments**

for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2016**

2016297047 Binding machine **Max Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**2017**

2017204143 Image processing apparatus and method **Velos Media International Limited** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2019 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2017220473 Method for adjustment of system for filling of big bags, and system for filling of big bags **Panpac Engineering A/S** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017239508 Pantothenate derivatives for the treatment of neurologic disorders **Retrophin, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jul 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2018**

2018200447 Device for providing electrical power for an electrical consuming device and/or for charging a battery in a boat **Torqueedo GmbH** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2019 . Address for service - Catalyst Intellectual Property PO BOX Q1466 QUEEN VICTORIA BUILDING Sydney NSW 1230 AU

2018217202 Viscoelastic plastic interlayer for vibroacoustic damping and glazing unit comprising such an interlayer **SAINT-GOBAIN GLASS FRANCE** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**Amendments Made****2010**

2010281453 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is as shown in the statement filed 07 May 2019

**2013**

2013248217 **Imtrade Australia Pty Ltd** The nature of the amendment is as shown in the statement filed 18 Jan 2018

2013332252 **Muzeek Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2013101812

**2014**

2014296130 **Convatec Technologies Inc.** The nature of the amendment is as shown in the statement filed 03 May 2019

2014334662 **NantEnergy, Inc.** The nature of the amendment is as shown in the statement filed 29 Apr 2019

**Amendments**

2014346624 **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement filed 24 Apr 2019

2014348752 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statements filed 26 Apr 2019 and 08 May 2019

**2015**

2015200813 **Senterprisys Limited** The nature of the amendment is: Application is to proceed under the number 2015101964

2015273608 **Afyx Therapeutics A/S** The nature of the amendment is as shown in the statement filed 07 May 2019

2015279453 **Syngenta Participations AG** The nature of the amendment is as shown in the statement filed 07 May 2019

**2016**

2016206682 **The Brigham and Women's Hospital, Inc.** The nature of the amendment is: Amend the name of the inventor to read Weiner, Howard L.; Gabriely, Galina; Da Cunha, Andre Pires and Oida, Takatoku

2016299614 **Daiichi Sankyo Company, Limited; The University of Tokyo** The nature of the amendment is: Amend the invention title to read Agent for treating and/or preventing adult T cell leukemia/lymphoma

2016369448 **Essilor International** The nature of the amendment is as shown in the statement filed 03 May 2019

**2017**

2017101070 **Teknology Labs** The nature of the amendment is: Amend the name of the inventor to read Rajani, Kazim Raza

2017203448 **Johnson & Johnson Consumer Inc.** The nature of the amendment is: Amend the name of the inventor to read TAPPER, Jay; BLAUSTEIN, Lawrence A.; SHUTER, David; FREITAG, Eric; ALTHOFF, Charles Peter; BRAMLEY, Alistair; ZADEH, Allen; SHUTER, Daniel Joseph and LORENC, Zbigniew Paul

2017237543 **Seoul National University R&DB Foundation; Institut Pasteur Korea** The nature of the amendment is: Amend the name of the inventor to read Chung, Junho; Kim, Ki-Hyun; Kim, Hyori; Oh, Myoung-don; Park, Wan Beom; Kim, Seungtaek; Kim, Jinhee; Min, Ji-Young and Ko, Meehyun

2017266867 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Van Os, Marcel; Anton, Peter D.; Dicker, George R.; Pitschel, Donald W.; Shearer, Nicholas J.; Alabi, Oluwatomiwa B. and Diederich, Anton K.

2017272232 **Array BioPharma Inc.** The nature of the amendment is as shown in the statement filed 25 Apr 2019

2017303974 **Fundación Privada de Institut de Recerca de la Sida-Caixa** The nature of the amendment is: Amend the name of the inventor to read Carrillo Molina, Jorge; Molinos-Albert, Luis M. and Blanco Arbués, Julián M.

**Amendments**

2017333573 **Honda Motor Co., Ltd.** The nature of the amendment is: Amend the invention title to read ROUTE SEARCHING APPARATUS, BATTERY INFORMATION MANAGING APPARATUS, AND PROGRAM

2017356025 **Nantoh. Co., Ltd** The nature of the amendment is: Amend the invention title to read Biological tissue rootage face, implant, method for forming biological tissue rootage face, and method for producing implant

2017381656 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the name of the inventor to read Falkenstein, Roberto; Malik, Sebastian; Grunert, Ingrid; Thomann, Marco; Freiherr Von Roman, Matthias and Walch, Heiko

2017386860 **Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.** The nature of the amendment is: Amend the invention title to read BLADE-REPLACEABLE CUTTING TOOL

2017394292 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Step Counting Method And Apparatus For Treadmill

2017408472 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Indoor unit of air-conditioning apparatus, and air-conditioning apparatus

2017412054 **Hangzhou Tangji Medical Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read INTESTINAL BARRIER SLEEVE RELEASE SYSTEM

**2018**

2018206902 **E3D Agricultural Cooperative Association Ltd** The nature of the amendment is: Amend the priority details to read 62/502,786 08 May 2017 US and 62/446,466 15 Jan 2017 US

2018208142 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RADIO RESOURCE CONFIGURATION ADJUSTMENT METHOD, APPARATUS, AND SYSTEM

2018208842 **Champagne Donuts Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2019

2018209619 **Dressler Group GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Method and Device for Producing Powdery Substances from Plastic Structure

2018213716 **A-Clip Institute, Co. Ltd.; National Institutes of Biomedical Innovation, Health and Nutrition** The nature of the amendment is: Amend the invention title to read Propylactic and/or therapeutic agent of infectious disease or inflammatory disease

2018214596 **The University of Akron** The nature of the amendment is: Amend the name of the inventor to read Becker, Matthew; Wilson, James A. and Chen, Yusheng

2018214814 **Benjamin Moore & Co.** The nature of the amendment is: Amend the invention title to read Autonomous System to Assist Consumers to Select Colors

**Amendments**

2018217444 **Vale S.A.; Serviço Nacional de Aprendizagem Industrial, Departamento Regional da Bahia** The nature of the amendment is: Amend the name of the inventor to read Freitas, Gustavo Medeiros; Rocha, Filipe Augusto Santos; Torre, Marcos Paulo; Fontes Junior, Angelo Frederico; Ramos, Victória Regina; Nogueira, Luiz Eduardo Da Costa; Santos, Alexandre Souza; Cota, Eduardo; Miola, Wilson; Dos Reis, Marco Antonio; Costa, Branilson Luiz Santos; Ledezma, Luis Carlos Moreno; Evangelista, Ronaldo Pereira; Alcantara, Pedro Xavier; Lima, Rebeca Tourinho; De Souza, Tiago Pereira; Brandi, Iuri Viana; Araújo, Ramon Nunes; Gomes, Márcio Fernando Mansur and Garcia, Gabriel Carvalho

2018218614 **Honda Motor Co., Ltd.** The nature of the amendment is: Amend the invention title to read Storage battery management system, mobile body, storage battery, and storage battery management method

2018223127 **Shell Internationale Research Maatschappij B.V.** The nature of the amendment is: Amend the name of the inventor to read Mitkidis, Georgios; Van Rossum, Guus; San Roman Marcia, Maria; Schoonebeek, Ronald Jan and Verhaak, Michael Johannes Franciscus Maria

2018226144 **AmorePacific Corporation** The nature of the amendment is: Amend the invention title to read Method for producing cosmetic composition using skin cosmetic solution

2018227940 **Fuji Oil Holdings Inc.** The nature of the amendment is: Amend the invention title to read OIL AND FAT FOR SUPPRESSING BLOOM

2018247348 **Gilead Sciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read Brizgys, Gediminas; Canales, Eda; Chou, Chien-hung; Graupe, Michael; Hu, Yunfeng Eric; Link, John O.; Liu, Qi; Lu, Yafan; Saito, Roland D.; Schroeder, Scott D.; Somoza, John R.; Tse, Winston C.; Zhang, Jennifer R.; Lazerwith, Scott E. and Halcomb, Randall L.

2018264044 **Georg Fischer WAGA NV** The nature of the amendment is: Amend the priority details to read NL2019920 16 Nov 2017 NL

2018297798 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read TELEPHONE SYSTEM, TELEPHONE SET, AND TELEPHONE TRANSFER METHOD

2018378535 **Hui, H.** The nature of the amendment is: Amend the name of the inventor to read Hui, Ho Charm

**2019**

2019100273 **DATA ONE TECHNOLOGIES PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Rajani, Kazim Raza

2019100747 **Delta Electronics, Inc.** The nature of the amendment is: Amend the priority details to read 201920028682.5 08 Jan 2019 CN

2019201607 **CNH Industrial America LLC** The nature of the amendment is: Amend the priority details to read 15/915,916 08 Mar 2018 US

**Amendments**

2019204415 **MasterCard International Incorporated** The nature of the amendment is: Amend the invention title to read Systems and methods for authenticating online users

2019206027 **Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMACEUTICAL COMPANY LIMITED** The nature of the amendment is: Amend the name of the inventor to read MANOHARAN, Muthiah; RAJEEV, Kallanthottathil G.; NAIR, Jayaprakash K.; JAYARAMAN, Muthusamy and MATSUMOTO, Satoru

2019902608 **wall, w.** The nature of the amendment is: Amend the invention title to read EDDYMAG DOOR CLOSER

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

**2001**

2001264496 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

2001264497 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

**2003**

2003202306 **Jackel International Limited** The name of the patentee has been altered to **Mayborn (UK) Limited**

**2005**

2005233057 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

**2007**

2007215379 **Jackel International Limited** The name of the patentee has been altered to **Mayborn (UK) Limited**

**2008**

2008232262 **Apotex Technologies Inc.** The name of the patentee has been altered to **Apotex Inc.**

2008355464 **Apotex Technologies Inc.** The name of the patentee has been altered to **Apotex Inc.**

**2009**

2009229579 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

2009234489 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

2009239767 **Imperial Innovations Limited** The name of the patentee has been altered to **IP2IPO Innovations Limited**

**2012**

2012300885 **Boehringer Ingelheim RCV GmbH & Co KG; VTU Technology GmbH** The name of the patentee has been altered to **Validogen GmbH; Boehringer Ingelheim RCV GmbH & Co KG**

2012306267 **Imperial Innovations Limited** The name of the patentee has been altered to **IP2IPO Innovations Limited**

**Amendments**

2012354703 **Amino Up Chemical Co., Ltd.** The name of the patentee has been altered to **Amino Up Co., Ltd.**

**2013**

2013243228 **Jackel International Limited** The name of the patentee has been altered to **Mayborn (UK) Limited**

2013243237 **Brien Holden Vision Institute** The name of the patentee has been altered to **Brien Holden Vision Institute Limited**

2013296129 **Jackel International Limited** The name of the patentee has been altered to **Mayborn (UK) Limited**

2013332247 **Brien Holden Vision Institute** The name of the patentee has been altered to **Brien Holden Vision Institute Limited**

2013336577 **Givaudan S.A.; Le Centre National de la Recherche Scientifique; L'Universite Pierre et Marie Curie** The name of the patentee has been altered to **Givaudan S.A.; Le Centre National de la Recherche Scientifique; Sorbonne Universite**

2013336579 **Le Centre National de la Recherche Scientifique; Givaudan SA; L'Universite Pierre et Marie Curie** The name of the patentee has been altered to **Le Centre National de la Recherche Scientifique; Givaudan SA; Sorbonne Universite**

2013360013 **Brien Holden Vision Institute** The name of the patentee has been altered to **Brien Holden Vision Institute Limited**

**2014**

2014218324 **Brien Holden Vision Institute** The name of the patentee has been altered to **Brien Holden Vision Institute Limited**

2014267009 **Imperial Innovations Limited** The name of the patentee has been altered to **IP2IPO Innovations Limited**

**2015**

2015100509 **Le Centre National de la Recherche Scientifique; Givaudan SA; L'Universite Pierre et Marie Curie** The name of the patentee has been altered to **Le Centre National de la Recherche Scientifique; Givaudan SA; Sorbonne Universite**

2015206538 **Omicia, Inc.; University of Utah** The name of the applicant has been altered to **Fabric Genomics, Inc.; University of Utah**

2015214217 **Imperial Innovations Limited** The name of the patentee has been altered to **IP2IPO Innovations Limited**

2015271160 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

2015271163 **Rolls-Royce Aktiebolag** The name of the patentee has been altered to **Kongsberg Maritime Sweden AB**

**2017**

2017200429 **University of Alabama at Birmingham Research Foundation; Duke University; The Regents of the University of California** The name of the applicant has been altered to **University of Alabama at**

## Amendments

**Birmingham Research Foundation; Duke University; Triad National Security, LLC**

2017202053 Imperial Innovations Limited The name of the patentee has been altered to **IP2IPO Innovations Limited**

2017218546 Medical Research Council; Imperial Innovations Limited The name of the applicant has been altered to **Medical Research Council; IP2IPO Innovations Limited**

2017272171 GTECH Canada ULC The name of the applicant has been altered to **IGT Canada Solutions ULC**

2017331053 Qadium, Inc. The name of the applicant has been altered to **Expense, Inc.**

2017381400 Jet-cut Offshore Technology Pty Ltd The name of the applicant has been altered to **Axiio Pty Ltd**

### 2018

2018200450 Imperial Innovations Limited The name of the applicant has been altered to **IP2IPO Innovations Limited**

2018210404 The United States of America, as represented by The Secretary Department of Health & Human Services ; Corvidia Therapeutics, Inc. The name of the applicant has been altered to **The United States of America, as represented by The Secretary Department of Health & Human Services; Corvidia Therapeutics, Inc.**

2018378535 Charm, Hui Ho The name of the applicant has been altered to **Hui, H.**

### 2019

2019902443 Commonwealth Scientific and Industrial Research Organisation The name of the applicant has been altered to **Foreign and Commonwealth Office; Commonwealth Scientific and Industrial Research Organisation**

2019902730 Nadia Rochelle Sword The name of the applicant has been altered to **Sword, N.**

Applications Open to Public Inspection

Name Index

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

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019200371  
 (21) 2019200371 (22) 18.01.2019  
 (54) UTILIZING ARTIFICIAL INTELLIGENCE TO INTEGRATE DATA FROM MULTIPLE DIVERSE SOURCES INTO A DATA STRUCTURE  
 (51) Int. Cl.  
*G06N 7/00* ( 2006.01 )  
*G06F 16/30* ( 2019.01 )  
 (31) 15/885,330 (32) 31.01.18 (33) US  
 (43) 15.08.2019  
 (72) GHATAGE, Prakash; SAMPAT, Nirav; VISWANATHAN, Kumar; THANGARAJ, Naveen Kumar; PATIL, Bhushan Ananda; KUMAR SINGH, Prabhat  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2018253636  
 (21) 2018253636 (22) 29.10.2018  
 (54) AUTOMATICALLY GENERATING INSTRUCTIONS FROM TUTORIALS FOR SEARCH AND USER NAVIGATION  
 (51) Int. Cl.  
*G06N 5/00* ( 2006.01 )  
*G06Q 10/00* ( 2012.01 )  
 (31) 15/885,363 (32) 31.01.18 (33) US  
 (43) 15.08.2019  
 (72) Lipka, Nedim; Heindorf, Stefan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) AFINITI EUROPE TECHNOLOGIES LIMITED  
 (11) AU-A-2019210551  
 (21) 2019210551 (22) 31.07.2019  
 (54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*H04M 3/523* ( 2006.01 )  
 (43) 15.08.2019  
 (62) 2017319244  
 (72) RIZVI, Syed Meesum Raza  
 (74) AJ PARK

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(71) Ainsworth Game Technology Limited  
 (11) AU-A-2019200569  
 (21) 2019200569 (22) 30.01.2019  
 (54) A gaming machine and method for bingo type game with jackpot  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
 (31) 15/883,349 (32) 30.01.18 (33) US

(43) 15.08.2019  
 (72) Pau, Edgar; Paotrakul, Pairatch  
 (74) Shelston IP Pty Ltd.

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(71) Amgen Inc.  
 (11) AU-A-2019210504  
 (21) 2019210504 (22) 30.07.2019  
 (54) Human antigen binding proteins that bind beta-Klotho, FGF receptors and complexes thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C07K 14/71* ( 2006.01 )  
 (43) 15.08.2019  
 (62) 2017200115  
 (72) Hu, Shaw-Fen Sylvia; Foltz, Ian; King, Chadwick Terence; Li, Yang; Arora, Taruna  
 (74) Shelston IP Pty Ltd.

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2019200570  
 (21) 2019200570 (22) 30.01.2019  
 (54) Table game management system, gaming table layout, and gaming table  
 (51) Int. Cl.  
*A63F 1/00* ( 2006.01 )  
*G06Q 30/02* ( 2012.01 )  
 (31) 2018-027395 (32) 30.01.18 (33) JP  
 (43) 15.08.2019  
 (72) Shigeta, Yasushi  
 (74) Davies Collison Cave Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019208225  
 (21) 2019208225 (22) 25.07.2019  
 (54) Context-specific user interfaces  
 (51) Int. Cl.  
*G06F 3/00* ( 2006.01 )  
 (43) 15.08.2019  
 (62) 2018206770  
 (72) KO, Heena; AGNOLI, Giovanni M.; CHEN, Kevin Will; FORD, Joshua R.; FOSS, Christopher Patrick; GUZMAN, Aurelio; LEMAY, Stephen O.; SUNDRSTROM, Matthew J.; WEINBERG, Joshua; WILSON, Christopher; SCHIMON, David  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019210505  
 (21) 2019210505 (22) 30.07.2019  
 (54) A GAMING SYSTEM AND A GAMING PERIPHERAL

(51) Int. Cl.  
*A63F 13/00* ( 2006.01 )  
 (43) 15.08.2019  
 (62) 2017202650  
 (72) PHILLIPS, Gareth; ALI, Abdul  
 (74) Griffith Hack

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(71) Atrium Medical Corporation  
 (11) AU-A-2019210548  
 (21) 2019210548 (22) 31.07.2019  
 (54) ROLLED FLEXIBLE IMPLANTS AND DEVICE FOR DEPLOYMENT THEREOF  
 (51) Int. Cl.  
*A61F 2/02* ( 2006.01 )  
 (43) 15.08.2019  
 (62) 2017261564  
 (72) Horton, Anthony R.; Lepage, Albert A.; Corbeil, Scott E.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Baxter Corporation Englewood  
 (11) AU-A-2019208270  
 (21) 2019208270 (22) 26.07.2019  
 (54) IMPROVED WORK STATION FOR MEDICAL DOSE PREPARATION SYSTEM  
 (51) Int. Cl.  
*A61J 3/00* ( 2006.01 )  
*A61J 7/04* ( 2006.01 )  
*G06Q 50/22* ( 2012.01 )  
 (43) 15.08.2019  
 (62) 2018200144  
 (72) WEBER, Wesley J.; MCEACHERN, Ian; RANALLETTA, Joseph V.  
 (74) K&L Gates

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(71) Bayer HealthCare LLC  
 (11) AU-A-2019200580  
 (21) 2019200580 (22) 30.01.2019  
 (54) System and method for syringe engagement with injector  
 (51) Int. Cl.  
*A61M 5/145* ( 2006.01 )  
 (31) 62/624,384 (32) 31.01.18 (33) US  
 (43) 15.08.2019  
 (72) Włodarczyk, Jaroslaw; Capone, Christopher  
 (74) Davies Collison Cave Pty Ltd

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(71) Beijing 7Invensun Technology Co., Ltd.  
 (11) AU-A-2018203706  
 (21) 2018203706 (22) 25.05.2018  
 (54) Device adapted for eyeglasses  
 (51) Int. Cl.  
*A61B 3/113* ( 2006.01 )  
*A61B 3/024* ( 2006.01 )  
*G02C 11/02* ( 2006.01 )  
*G02C 11/04* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- G06F 3/01** ( 2006.01 )  
**(31)** 201810095919.1 **(32)** 01.02.18 **(33)** CN  
**(43)** 15.08.2019  
**(72)** HUANG, Tongbing  
**(74)** FB Rice Pty Ltd
- 
- (71)** BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO., LTD.  
**(11)** AU-A-2018247313  
**(21)** 2018247313 **(22)** 12.10.2018  
**(54)** COLOR SOLAR CELL AND PREPARATION METHOD THEREOF  
**(51)** Int. Cl.  
**H01L 31/02** ( 2006.01 )  
**H01L 31/055** ( 2014.01 )  
**H01L 31/18** ( 2006.01 )  
**(31)** 201810095977.4 **(32)** 31.01.18 **(33)** CN  
**(43)** 15.08.2019  
**(72)** LIU, Dechen; YANG, Lihong; CHEN, Tao; LI, Xinlian  
**(74)** Wallington-Dummer
- 
- (71)** BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO. LTD.  
**(11)** AU-A-2018204920  
**(21)** 2018204920 **(22)** 05.07.2018  
**(54)** SPLICING MECHANISM FOR FIXING PHOTOVOLTAIC MODULE AND PHOTOVOLTAIC CURTAIN WALL  
**(51)** Int. Cl.  
**H02S 20/22** ( 2014.01 )  
**F24S 25/63** ( 2018.01 )  
**F24S 25/67** ( 2018.01 )  
**H02S 30/10** ( 2014.01 )  
**(31)** 201820167470.0 **(32)** 31.01.18 **(33)** CN  
**(43)** 15.08.2019  
**(72)** Shi, Qingwen; Wang, Hong; Lin, Junrong; Jiang, Wei; Lv, Hejiang; Qi, WeiBin; Zhang, Xueliang  
**(74)** Madderns Pty Ltd
- 
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**F. Hoffmann-La Roche AG see GEN-ENTECH, INC.**  
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**A61K 31/519** ( 2006.01 )  
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**B01J 10/00** ( 2006.01 )
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**H05B 3/56** ( 2006.01 )  
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**H01B 3/30** ( 2006.01 )  
**H01B 13/012** ( 2006.01 )  
**H01B 13/02** ( 2006.01 )  
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 (54) Video prediction encoding device, video prediction encoding method, video prediction decoding device and video prediction decoding method

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 (51) Int. Cl.  
     H04N 19/50 ( 2014.01 )  
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 (51) Int. Cl.  
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     H04N 19/105 ( 2014.01 )

H04N 19/134 ( 2014.01 )  
 H04N 19/176 ( 2014.01 )  
 H04N 19/196 ( 2014.01 )  
 H04N 19/423 ( 2014.01 )  
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 H04N 19/51 ( 2014.01 )  
 H04N 19/513 ( 2014.01 )  
 H04N 19/573 ( 2014.01 )  
 H04N 19/60 ( 2014.01 )  
 H04N 19/61 ( 2014.01 )  
 H04N 19/91 ( 2014.01 )  
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 (51) Int. Cl.  
     H04N 19/50 ( 2014.01 )  
     H04N 19/105 ( 2014.01 )  
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 (51) Int. Cl.  
     H04N 19/50 ( 2014.01 )  
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*H04N 19/593* ( 2014.01 )  
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*H04B 1/66* ( 2006.01 )  
*H04N 19/593* ( 2014.01 )  
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*F16K 15/14* ( 2006.01 )  
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 (54) Plasma-supplemented formulation  
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*A61L 24/10* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (54) System and method for radio frequency carrier aggregation  
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*B62D 25/20* ( 2006.01 )  
*B60P 3/40* ( 2006.01 )  
*B62D 23/00* ( 2006.01 )  
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 (21) 2019200561 (22) 29.01.2019  
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 (51) Int. Cl.  
*G06Q 50/06* ( 2012.01 )  
*G01D 4/00* ( 2006.01 )  
*G06F 17/40* ( 2006.01 )  
*G08C 17/00* ( 2006.01 )  
*H04Q 9/02* ( 2006.01 )  
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(51) Int. Cl.  
**F28C 1/00** ( 2006.01 )  
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 (21) 2018330958

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<b>2018200462</b>	Douglas, T.	<b>2019208217</b>	Visa International Service Association
<b>2018200661</b>	DRIPRO(IP) PTY LTD	<b>2019208219</b>	Sonify Biosciences, LLC
<b>2018200667</b>	Lifting Point Pre-Form Pty Limited	<b>2019208221</b>	Kim, S.; Kim, D.
<b>2018200694</b>	Steadiform Holdings Pty Ltd	<b>2019208223</b>	NantOmics, LLC
<b>2018200740</b>	Rossini, L.	<b>2019208225</b>	Apple Inc.
<b>2018200745</b>	Rheem Australia Pty Limited	<b>2019208229</b>	Daikin Industries, Ltd.
<b>2018200760</b>	Straightcurve Pty Ltd	<b>2019208231</b>	Hill-Rom Services Pte. Ltd.
<b>2018203706</b>	Beijing 7Invensun Technology Co., Ltd.	<b>2019208233</b>	Novartis AG
<b>2018204920</b>	BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO. LTD.	<b>2019208234</b>	Wright Medical Technology, Inc.
<b>2018205201</b>	Beijing Juntai Innovation Technology Co., Ltd.	<b>2019208237</b>	Caris Science, Inc.
<b>2018208690</b>	BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO. LTD.	<b>2019208239</b>	Facebook, Inc.
<b>2018217300</b>	SKF Lubrication Systems Germany GmbH	<b>2019208240</b>	Fisher & Paykel Healthcare Limited
<b>2018247313</b>	BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO., LTD.	<b>2019208241</b>	Sony Corporation
<b>2018253636</b>	Adobe Inc.	<b>2019208242</b>	Intellikine, LLC.
<b>2018256532</b>	Deere & Company	<b>2019208243</b>	Memorial Sloan-Kettering Cancer Center
<b>2018256533</b>	Deere & Company	<b>2019208249</b>	Santaris Pharma A/S; Ercole Biotech, Inc.
<b>2018278904</b>	MacDon Industries Ltd.	<b>2019208251</b>	Omrix Biopharmaceuticals Ltd.
<b>2018278975</b>	Covidien LP	<b>2019208252</b>	Siga Technologies, Inc.
<b>2018308956</b>	China University of Mining and Technology	<b>2019208253</b>	Crossroads Extremity Systems, LLC
<b>2018319218</b>	Korea Zinc Co., Ltd.	<b>2019208255</b>	Microsoft Technology Licensing, LLC
<b>2018327223</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2019208257</b>	CORDIS CORPORATION
<b>2018330958</b>	China University of Mining and Technology; Xuzhou Jinbo Safety and Technology Co., Ltd	<b>2019208260</b>	LG Electronics Inc.
<b>2018334593</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2019208261</b>	Downhole Technology, LLC
<b>2018353933</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2019208270</b>	Baxter Corporation Englewood
<b>2018374073</b>	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd	<b>2019208271</b>	Pfizer Inc.
<b>2019200155</b>	Beyers, L.	<b>2019208272</b>	THE CHEMOURS COMPANY FC, LLC
<b>2019200185</b>	Ellergon Antriebstechnik Gesellschaft m.b.H.	<b>2019208273</b>	Bioverativ Therapeutics Inc.
<b>2019200218</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019208274</b>	Vaccinex, Inc.
<b>2019200271</b>	Elekta Ltd.	<b>2019210218</b>	Nemaska Lithium Inc.
<b>2019200272</b>	Vale S.A.	<b>2019210484</b>	GENENTECH, INC.; F. Hoffmann-La Roche AG
<b>2019200325</b>	LiPlasome Pharma ApS	<b>2019210485</b>	Prime Datum Development Company LLC
<b>2019200351</b>	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation	<b>2019210487</b>	NWS EUROPA GMBH
<b>2019200371</b>	Accenture Global Solutions Limited	<b>2019210490</b>	Qualcomm Incorporated
<b>2019200390</b>	Dow Global Technologies LLC; Rohm and Haas Company	<b>2019210492</b>	Hua, S.
<b>2019200456</b>	Kimura Kohki Co., Ltd.	<b>2019210493</b>	Los Alamos National Security, LLC; Imperial Innovations Limited
<b>2019200460</b>	Britax Childcare Pty Ltd	<b>2019210494</b>	Regulus Therapeutics Inc.
<b>2019200480</b>	Biosense Webster (Israel) Ltd.	<b>2019210495</b>	Polaris Industries Inc.
<b>2019200488</b>	Biosense Webster (Israel) Ltd.	<b>2019210496</b>	PlusN, LLC
<b>2019200519</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	<b>2019210497</b>	DuPont Nutrition BioSciences ApS
<b>2019200539</b>	CNH Industrial America LLC	<b>2019210499</b>	Covidien LP
<b>2019200549</b>	Schott AG	<b>2019210500</b>	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
<b>2019200561</b>	PowerPal Pty Ltd	<b>2019210501</b>	Connected Group Australia Pty Ltd
<b>2019200566</b>	Monaghan, W.	<b>2019210503</b>	Nuctech Company Limited
<b>2019200569</b>	Ainsworth Game Technology Limited	<b>2019210504</b>	Amgen Inc.
<b>2019200570</b>	Angel Playing Cards Co., Ltd.	<b>2019210505</b>	Aristocrat Technologies Australia Pty Limited
<b>2019200580</b>	Bayer HealthCare LLC	<b>2019210507</b>	Novartis AG
<b>2019200582</b>	Tornier	<b>2019210509</b>	Myriad Genetics, Inc.
<b>2019200588</b>	Tornier	<b>2019210511</b>	Purdue Pharma L.P.
<b>2019200599</b>	Transdev Group	<b>2019210514</b>	Owens-Brockway Glass Container Inc.
<b>2019200601</b>	MacDon Industries Ltd.	<b>2019210516</b>	NTT DOCOMO, INC.
<b>2019200624</b>	LC Automation Pty Ltd	<b>2019210517</b>	Stamicarbon B.V.
<b>2019200633</b>	Billzy Pty Ltd	<b>2019210520</b>	NTT DOCOMO, INC.
<b>2019200683</b>	The University of Sydney	<b>2019210521</b>	Roquette Freres
<b>2019206114</b>	Redmond Company Pty Ltd	<b>2019210523</b>	NTT DOCOMO, INC.
<b>2019208215</b>	Ventana Medical Systems, Inc.	<b>2019210524</b>	Canon Kabushiki Kaisha
<b>2019208216</b>	Materialise N.V.	<b>2019210525</b>	SARcode Bioscience Inc.
		<b>2019210529</b>	Thursday Pools
		<b>2019210530</b>	NTT DOCOMO, INC.
		<b>2019210531</b>	The Scripps Research Institute
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		<b>2019210537</b>	Boehringer Ingelheim Animal Health USA Inc.
		<b>2019210541</b>	CommScope Connectivity Belgium BVBA
		<b>2019210544</b>	NTT DOCOMO, INC.
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		<b>2019210546</b>	NTT DOCOMO, INC.

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2019210547	NTT DOCOMO INC.
2019210548	Atrium Medical Corporation
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2019210552	Sato Holdings Corporation
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<b><u>F03B 17 /-</u></b> 2019200566	<b><u>G05B 19 /-</u></b> 2019200218	<b><u>H01B 13 /-</u></b> 2019208221	
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<b><u>F03D 80 /-</u></b> 2018327223	<b><u>G06F 11 /-</u></b> 2019208217 2019210493	<b><u>H01H 47 /-</u></b> 2019210501	<b><u>H04Q 9 /-</u></b> 2019200561
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<b><u>F16K 15 /-</u></b> 2019210487	<b><u>G06F 17 /-</u></b> 2018374073 2019200561 2019208255	<b><u>H02J 3 /-</u></b> 2018353933	<b><u>H05B 3 /-</u></b> 2019208221
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 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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**(72)** Huang, Kuanlun  
**(74)** Atkinson IP

**(71)** JUPYTER PTY LTD  
**(11)** AU-A-2019100762  
**(21)** 2019100762 **(22)** 14.07.2019  
**(54)** The innovation lies in the ability of the  
 AC-powered Wi-fi Doorbell Chime  
 to replace an always on connectivity  
 between the DC-Powered Doorbell and  
 an internet router connection with a  
 very low energy sub-GHZ connectivity.  
 The AC-Powered Chime also includes  
 an Edge computer to provide local Ar-  
 tificial Intelligence, Video Processing  
 and Data Analytics. This replaces the  
 wi-fi doorbell or cloud-based video pro-  
 cessing - thereby increasing the per-  
 formance & speed of the wi-fi doorbell  
 system.  
**(51)** Int. Cl.  
**H04W 52/02** ( 2009.01 )  
**G08B 3/10** ( 2006.01 )  
**G08B 13/18** ( 2006.01 )  
**H04N 7/18** ( 2006.01 )  
**H04W 4/80** ( 2018.01 )

**(45)** 15.08.2019  
**(72)** Akinloye, Temitope; Akinloye, Cecilia  
**(74)** JUPYTER PTY LTD

**(71)** Koekstone IP Ptd Ltd  
**(11)** AU-A-2019100769  
**(21)** 2019100769 **(22)** 16.07.2019  
**(54)** A swivelling joint  
**(51)** Int. Cl.  
**F21V 21/36** ( 2006.01 )  
**E04H 12/18** ( 2006.01 )  
**E04H 12/34** ( 2006.01 )  
**(45)** 15.08.2019  
**(62)** 2014361747  
**(72)** Pannekoek, Robert; Pannekoek, Peter  
**(74)** Armour IP Pty Ltd

**(71)** Li, L.  
**(11)** AU-A-2019100761  
**(21)** 2019100761 **(22)** 13.07.2019  
**(54)** Enhancement of paper strength by a  
 dual system of cationic polymer and  
 hemicelluloses  
**(51)** Int. Cl.  
**D21H 17/24** ( 2006.01 )  
**D21H 17/29** ( 2006.01 )  
**D21H 17/44** ( 2006.01 )  
**D21H 17/45** ( 2006.01 )  
**D21H 17/55** ( 2006.01 )  
**D21H 23/76** ( 2006.01 )  
**(45)** 15.08.2019  
**(72)** Li, Lizi  
**(74)** Lizi Li

**(71)** Manna, U.  
**(11)** AU-A-2019100770  
**(21)** 2019100770 **(22)** 16.07.2019  
**(54)** IBS Prevention and Treatment (Internal  
 and on bowel exterior)  
**(51)** Int. Cl.  
**A61K 35/741** ( 2015.01 )  
**A61P 1/00** ( 2006.01 )  
**(45)** 15.08.2019  
**(72)** Manna, Uries  
**(74)** Uries Manna

**North China University of Science and  
 Technology see Tangshan Harbin Ship  
 Technology Co., Ltd.**  
**(21)** 2019100778

**(71)** Patriot Campers Pty Ltd  
**(11)** AU-A-2019100764  
**(21)** 2019100764 **(22)** 15.07.2019  
**(54)** Roof tent and bedding for same  
**(51)** Int. Cl.  
**B60P 3/32** ( 2006.01 )  
**B60N 99/00** ( 2006.01 )  
**(31)** 2018904131 **(32)** 31.10.18 **(33)** AU  
**(45)** 15.08.2019  
**(72)** Pearce, Simon Noel; Bell, Harrison;  
 Hamilton, Cameron; Beet, Jack Nelson;  
 Nankivell, Kirby James; Hinchy, Michael  
**(74)** Spruson & Ferguson

**(71)** Pertot, S.  
**(11)** AU-A-2019100662  
**(21)** 2019100662 **(22)** 18.06.2019  
**(54)** MIBS - My Information Banking System  
 A Wrist Band For Basic Banking And  
 Purchases  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**H04W 4/80** ( 2018.01 )  
**(45)** 15.08.2019  
**(72)** Pertot, Sara Martha Louisa  
**(74)** Sara Martha Louisa Pertot

**(71)** Russell Mineral Equipment Pty Ltd  
**(11)** AU-A-2019100738  
**(21)** 2019100738 **(22)** 05.07.2019  
**(54)** Lighting Apparatus  
**(51)** Int. Cl.  
**F21V 29/61** ( 2015.01 )  
**F21V 29/50** ( 2015.01 )  
**(45)** 15.08.2019  
**(72)** Tuxford, Andrew John; Dobson, David  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sayers, J.  
**(11)** AU-A-2019100724  
**(21)** 2019100724 **(22)** 02.07.2019  
**(54)** a model of what you can do by adding  
 a 'working dog' to nation state stock ex-  
 change expanding the market place  
 and delivering new sectors.  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**(45)** 15.08.2019  
**(72)** Sayers, Jeremy  
**(74)** Jeremy Sayers

**(71)** Sayers, J.  
**(11)** AU-A-2019100760  
**(21)** 2019100760 **(22)** 13.07.2019  
**(54)** The nexus between the existing and  
 new structure bring an entrepreneurial  
 interface to any school, this model  
 helps deliver clean energy employment  
 opportunities to parents. Enhancing a  
 school.  
**(51)** Int. Cl.  
**G06Q 90/00** ( 2006.01 )  
**G06Q 40/06** ( 2012.01 )  
**(45)** 15.08.2019  
**(72)** Sayers, Jeremy  
**(74)** Jeremy Sayers

**(71)** Southwest University  
**(11)** AU-A-2019100737  
**(21)** 2019100737 **(22)** 05.07.2019  
**(54)** Anti-Helicobacter Pylori Traditional  
 Chinese Medicine composition and ap-  
 plications  
**(51)** Int. Cl.  
**A61K 36/756** ( 2006.01 )  
**A61K 36/285** ( 2006.01 )  
**A61K 36/718** ( 2006.01 )  
**A61K 36/75** ( 2006.01 )  
**A61P 1/12** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(31)** 201910386080.1 **(32)** 09.05.19 **(33)** CN

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(72) Li, Xiaoli  
(74) Shelston IP Pty Ltd.

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(71) Southwest University  
(11) AU-A-2019100750  
(21) 2019100750 (22) 10.07.2019  
(54) A low laser output power consumption double-layer structure ONOCs  
(51) Int. Cl.  
*G02B 6/12* ( 2006.01 )  
*H04B 10/25* ( 2013.01 )  
*H04J 14/02* ( 2006.01 )  
*H04Q 11/00* ( 2006.01 )  
(45) 15.08.2019  
(72) Su, Ye  
(74) Yiyuan Xie

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(71) SRINIVASAN, R.  
(11) AU-A-2019100741  
(21) 2019100741 (22) 08.07.2019  
(54) KANGAROO LEATHER KANJIRA SOUTH INDIAN HAND DRUM ( KANCHIRA )  
(51) Int. Cl.  
*G10D 13/02* ( 2006.01 )  
(45) 15.08.2019  
(72) SRINIVASAN, RAVI  
(74) RAVI SRINIVASAN

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(71) Sungrow (Shanghai) Co., Ltd.  
(11) AU-A-2019100766  
(21) 2019100766 (22) 16.07.2019  
(54) Wall-mounting assembly  
(51) Int. Cl.  
*F16M 13/02* ( 2006.01 )  
*A47G 29/02* ( 2006.01 )  
(31) 201821181762.6 (32) 23.07.18 (33) CN  
(45) 15.08.2019  
(72) YU, Haiyang; ZENG, Bing; ZHI, Juntao  
(74) FB Rice Pty Ltd

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(71) TAJ Australia Pty Ltd  
(11) AU-A-2019100763  
(21) 2019100763 (22) 15.07.2019  
(54) IMPROVED EDGE PROTECTION BRACKET, SYSTEM AND METHOD  
(51) Int. Cl.  
*E04G 1/38* ( 2006.01 )  
*E04G 5/06* ( 2006.01 )  
*E04G 21/32* ( 2006.01 )  
(31) 2019902452 (32) 10.07.19 (33) AU  
(45) 15.08.2019  
(72) Strutt, Paul Noall  
(74) TJIP Patents, Trade Marks & Designs

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(71) Tangshan Harbin Ship Technology Co., Ltd.  
(11) AU-A-2019100777  
(21) 2019100777 (22) 18.07.2019  
(54) Child safety collar  
(51) Int. Cl.  
*G08B 13/00* ( 2006.01 )  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073799

(45) 15.08.2019  
(72) LIU, Haoyuan; CHEN, Yulong; HU, Wanning; YAN, Bo; ZHENG, Ruiyun; ZHENG, Haoyuan  
(74) Watermark Intellectual Property Pty Ltd

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(71) Tangshan Harbin Ship Technology Co., Ltd.; North China University of Science and Technology  
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(21) 2019100778 (22) 18.07.2019  
(54) Medical oxygen cannula  
(51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073800  
(45) 15.08.2019  
(72) LIU, Ying; LI, Shuang; HU, Wanning; LIU, Haoyuan; ZHENG, Ruiyun;  
ZHENG, Haoyuan  
(74) Watermark Intellectual Property Pty Ltd

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(71) Tangshan Harbin Ship Technology Co., Ltd.; Tianjin Cancer Hospital  
(11) AU-A-2019100779  
(21) 2019100779 (22) 18.07.2019  
(54) Surgical locator  
(51) Int. Cl.  
*A61B 90/00* ( 2016.01 )  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073801  
(45) 15.08.2019  
(72) WANG, Changli; CHEN, Yulong; YAN, Bo; HU, Wanning; LIU, Haoyuan; ZHENG, Ruiyun; ZHAO, Xiaoliang; ZHANG, Zhenfa; ZHANG, Lianmin; PANG, Chong; WANG, Shengguang; ZHU, Jianquan; SUN, Xiaoyan  
(74) Watermark Intellectual Property Pty Ltd

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(71) Tangshan Harbin Ship Technology Co., Ltd.; Tianjin Cancer Hospital  
(11) AU-A-2019100780  
(21) 2019100780 (22) 18.07.2019  
(54) Post-surgery tumor locating device  
(51) Int. Cl.  
*A61B 90/00* ( 2016.01 )  
*A61B 6/03* ( 2006.01 )  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073803  
(45) 15.08.2019  
(72) CHEN, Yulong; WANG, Changli; YAN, Bo; HU, Wanning; LIU, Haoyuan; ZHENG, Ruiyun; ZHAO, Xiaoliang; ZHANG, Zhenfa; ZHANG, Lianmin; PANG, Chong; WANG, Shengguang; ZHU, Jianquan; SUN, Xiaoyan  
(74) Watermark Intellectual Property Pty Ltd

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(71) Tangshan Harbin Ship Technology Co., Ltd.  
(11) AU-A-2019100781  
(21) 2019100781 (22) 18.07.2019  
(54) Massage bed  
(51) Int. Cl.  
*A61G 13/08* ( 2006.01 )  
*A61G 13/12* ( 2006.01 )

*A61H 37/00* ( 2006.01 )  
(31) PCT/ (32) 30.01.19 (33) CN  
CN2019/073798  
(45) 15.08.2019  
(72) LIU, Haoyuan; WANG, Luyao; HU, Wanning; LIU, Ying; LI, Shuang  
(74) Watermark Intellectual Property Pty Ltd

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(71) Tayih Kenmos Auto Parts Co., Ltd.  
(11) AU-A-2019100765  
(21) 2019100765 (22) 16.07.2019  
(54) Connection Member in Vehicle Hollow Part  
(51) Int. Cl.  
*B62D 39/00* ( 2006.01 )  
(45) 15.08.2019  
(72) YANG, Yuan-Yao  
(74) A.P.T. Patent and Trade Mark Attorneys

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(21) 2019100779

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(21) 2019100780

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(71) Tjandra, S.  
(11) AU-A-2019100698  
(21) 2019100698 (22) 26.06.2019  
(54) Method of fitting a Wi-Fi dimming module on a switch panel  
(51) Int. Cl.  
*H05B 37/02* ( 2006.01 )  
*H04W 4/80* ( 2018.01 )  
(45) 15.08.2019  
(72) Tjandra, Silvester; Tham, Beng Yiem  
(74) Foshan Lumos Lighting Co., Ltd

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(71) Warty, R.  
(11) AU-A-2019100748  
(21) 2019100748 (22) 09.07.2019  
(54) 3D-printed pessary with embedded electrical stimulator for treating vaginal prolapse.  
(51) Int. Cl.  
*A61F 6/08* ( 2006.01 )  
*A61F 2/00* ( 2006.01 )  
*A61N 1/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
(45) 15.08.2019  
(72) Warty, Ritesh  
(74) Ritesh Warty

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(71) Williams, D.R.  
(11) AU-A-2019100758  
(21) 2019100758 (22) 12.07.2019  
(54) Apparatus for Power Generation from a Fluid  
(51) Int. Cl.  
*F03D 3/00* ( 2006.01 )  
*F03B 17/06* ( 2006.01 )  
*F03D 3/06* ( 2006.01 )  
(31) 2018902789 (32) 31.07.18 (33) AU

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(72) Williams, David Ross  
(74) IP& Pty Ltd

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(71) Yang, H.  
(11) AU-A-2019100739  
(21) 2019100739 (22) 05.07.2019  
(54) Digital Adder Device, System, Process,  
and Method thereof  
(51) Int. Cl.  
**G06F 7/502** ( 2006.01 )  
(45) 15.08.2019  
(72) Yang, Huana  
(74) Alder IP Pty Ltd

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2019100778	Tangshan Harbin Ship Technology Co., Ltd.; North China University of Science and Technology
2019100779	Tangshan Harbin Ship Technology Co., Ltd.; Tianjin Cancer Hospital
2019100780	Tangshan Harbin Ship Technology Co., Ltd.; Tianjin Cancer Hospital
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<b><u>A41D 13 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>E04G 1 /-</u></b>	<b><u>G06Q 90 /-</u></b>
2014101655	2019100771	2019100763	2019100760
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<b><u>A47B 63 /-</u></b>	<b><u>A61P 1 /-</u></b>	<b><u>E04H 12 /-</u></b>	<b><u>G08B 3 /-</u></b>
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<b><u>A47G 29 /-</u></b>	<b><u>A63B 24 /-</u></b>	<b><u>F03B 17 /-</u></b>	<b><u>G16H 20 /-</u></b>
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<b><u>A47H 1 /-</u></b>	<b><u>B26B 13 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>H01R 13 /-</u></b>
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<b><u>A61B 6 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>F21V 21 /-</u></b>	<b><u>H02J 9 /-</u></b>
2019100780	2019100716	2019100769	2019100747
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<b><u>A61H 37 /-</u></b>	<b><u>D03D 1 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>H04Q 11 /-</u></b>
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<b><u>A61K 36 /-</u></b>	<b><u>E02F 5 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>No IPC Mark</u></b>
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*G01N 21/62* ( 2006.01 )  
*G01N 33/53* ( 2006.01 )  
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 (72) Schwarzberger, Neal, A.; Schnauffer, William, E.  
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*A61K 38/17* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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 (87) WO2018/144542  
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 (21) 2018213716 (22) 26.01.2018  
 (54) Preventive and/or therapeutic agent for infectious diseases or inflammatory diseases

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*A61K 39/395* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
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 (43) 02.08.2018  
 (72) Suzuki, Kazuo; Kameoka, Yosuke; Yamakawa, Yoshio; Kishi, Fukuko; Suzuki, Osamu; Koura, Minako; Matsuda, Junichiro  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2017388136  
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*A61B 90/00* ( 2016.01 )  
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 (74) Griffith Hack

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(71) Affimed GmbH  
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 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (87) WO2018/158350  
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*B29C 48/285* ( 2019.01 )  
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*B29D 99/00* ( 2010.01 )  
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**C07D 209/48** ( 2006.01 )
- (87) WO2018/158140  
(31) 62/512,777 (32) 31.05.17 (33) US  
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GmbH
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- (54)** Anticancer combination therapy
- (51)** Int. Cl.
- A61K 39/00** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )
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- (72)** Impagnatiello, Maria; Reschke, Markus
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- (54)** Endoscope having multiple viewing directions
- (51)** Int. Cl.
- A61B 1/00** ( 2006.01 )  
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- (31)** 62/453,186 **(32)** 01.02.17 **(33)** US  
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- (72)** Calabrese, Andrew; Barbato, Louis J.;  
Gaffney, Brian; Wood, Mark D.
- (74)** Spruson & Ferguson
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- (11)** AU-A-2018225560
- (21)** 2018225560 **(22)** 21.02.2018
- (54)** Suture based closure device
- (51)** Int. Cl.
- A61B 17/04** ( 2006.01 )  
**A61B 17/062** ( 2006.01 )
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- (31)** 62/461,969 **(32)** 22.02.17 **(33)** US  
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- (43)** 30.08.2018
- (72)** Comee, Shaun D.; Hubbard Jr., Dennis  
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Smith, Paul; Devries, Robert B.; Deuel,  
Christopher R.; Gilbert, Stan Robert
- (74)** Spruson & Ferguson
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- (21)** 2018217388 **(22)** 09.02.2018
- (54)** Process for producing a fischer-tropsch  
synthesis catalyst
- (51)** Int. Cl.
- C10G 2/00** ( 2006.01 )  
**B01J 23/75** ( 2006.01 )
- B01J 23/889** ( 2006.01 )  
**B01J 37/00** ( 2006.01 )  
**B01J 37/02** ( 2006.01 )  
**B01J 37/08** ( 2006.01 )  
**B01J 37/16** ( 2006.01 )  
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- (87)** WO2018/146277
- (31)** 1702251.8 **(32)** 10.02.17 **(33)** GB
- (43)** 16.08.2018
- (72)** Ojeda Pineda, Manuel; Paterson, Alex-  
ander James
- (74)** Spruson & Ferguson
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process
- (51)** Int. Cl.
- C10G 2/00** ( 2006.01 )  
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- (31)** 1702248.4 **(32)** 10.02.17 **(33)** GB
- (43)** 16.08.2018
- (72)** Ferguson, Ewen James; Ojeda Pineda,  
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- (74)** Spruson & Ferguson
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- (11)** AU-A-2018210524
- (21)** 2018210524 **(22)** 22.01.2018
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an excavation vehicle
- (51)** Int. Cl.
- G05D 1/02** ( 2006.01 )  
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- (11)** AU-A-2018211966
- (21)** 2018211966 **(22)** 26.01.2018
- (54)** CRAC channel inhibitor compositions
- (51)** Int. Cl.
- A61K 31/165** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )
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- (31)** 62/451,020 **(32)** 26.01.17 **(33)** US
- (43)** 02.08.2018
- (72)** Stauderman, Kenneth A.; Dunn, Mi-  
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- (11)** AU-A-2018212953
- (21)** 2018212953 **(22)** 26.01.2018
- (54)** Exit window for electron beam in iso-  
tope production
- (51)** Int. Cl.
- H05H 7/22** ( 2006.01 )  
**H05H 9/00** ( 2006.01 )  
**G21G 1/10** ( 2006.01 )
- (87)** WO2018/137042
- (31)** 62/450,935 **(32)** 26.01.17 **(33)** US
- (43)** 02.08.2018
- (72)** Ullrich, Douglas
- (74)** Marquette Intellectual Property
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- (71)** Carag AG; Universität Zürich
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- (54)** Apparatus and method for measur-  
ing the blood oxygen saturation in a  
subject's tissue
- (51)** Int. Cl.
- A61B 5/00** ( 2006.01 )  
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- (31)** 17000216.6 **(32)** 10.02.17 **(33)** EP
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- (72)** Wolf, Martin; Stachel, Helene; Schenk,  
Daniel
- (74)** Griffith Hack
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- (11)** AU-A-2018214601
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- (54)** Targeted oligonucleotides
- (51)** Int. Cl.
- C07H 19/00** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )
- (87)** WO2018/144854
- (31)** 62/477,751 **(32)** 28.03.17 **(33)** US  
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Mark; Spetzler, David
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- (11)** AU-A-2018229396
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- (54)** Ammonia-urea integrated process and  
plant
- (51)** Int. Cl.
- C01C 1/04** ( 2006.01 )  
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*C07C 235/40* ( 2006.01 )  
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*C07D 205/04* ( 2006.01 )  
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*C07D 211/26* ( 2006.01 )  
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 (51) Int. Cl.  
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*B62D 7/16* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (54) A synthetic implantable scaffold  
 (51) Int. Cl.  
*A61F 2/08* ( 2006.01 )  
*A61L 27/10* ( 2006.01 )  
*A61L 27/44* ( 2006.01 )  
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 (72) Bradley, Calvin Rhett  
 (74) Watermark Intellectual Property Pty Ltd
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 (54) Conveyor idler roller monitoring assembly  
 (51) Int. Cl.  
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*F16C 33/80* ( 2006.01 )  
*G01P 3/487* ( 2006.01 )  
*G01R 33/07* ( 2006.01 )  
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 (51) Int. Cl.

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**A61P 43/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(74)** Phillips Ormonde Fitzpatrick
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**(21)** 2018223172 **(22)** 26.02.2018  
**(54)** Antifog sealant composition and coextruded multilayer polyester film including the same  
**(51)** Int. Cl.  
**B32B 27/36** ( 2006.01 )  
**C09D 167/00** ( 2006.01 )  
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**(31)** 17158172.1 **(32)** 27.02.17 **(33)** EP  
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**(74)** AJ PARK
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**(21)** 2018208160 **(22)** 10.01.2018  
**(54)** HDAC6 selective inhibitors, preparation method therefor, and application thereof  
**(51)** Int. Cl.  
**C07D 211/86** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/34** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 307/04** ( 2006.01 )  
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**(11)** AU-A-2018216509  
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**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/282** ( 2006.01 )  
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**C12N 15/86** ( 2006.01 )  
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**(72)** Choi, Jin-Woo  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(11)** AU-A-2018210099  
**(21)** 2018210099 **(22)** 18.01.2018  
**(54)** Pharmaceutical composition used for treatment of HTLV-1-associated myelopathy  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
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**(54)** Weights system and blade apparatus  
**(51)** Int. Cl.  
**A63B 21/06** ( 2006.01 )  
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**(54)** Multi-phase flow visualizations based on fluid occupation time  
**(51)** Int. Cl.  
**G01F 1/704** ( 2006.01 )  
**G01F 1/74** ( 2006.01 )  
**G06G 7/57** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**(74)** Madderns Pty Ltd
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**(21)** 2018209619 **(22)** 09.01.2018  
**(54)** Method and device for producing powdery substances from plastic  
**(51)** Int. Cl.  
**B01J 2/02** ( 2006.01 )  
**B29B 9/00** ( 2006.01 )  
**(87)** WO2018/134087  
**(31)** 10 2017 100 981.7 **(32)** 19.01.17 **(33)** DE  
**(43)** 26.07.2018  
**(72)** Dressler, Axel  
**(74)** IP SOLVED (ANZ) PTY. LTD.
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**(11)** AU-A-2018211907  
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**(51)** Int. Cl.  
**A62C 35/62** ( 2006.01 )  
**A62C 35/68** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(11)** AU-A-2018222468  
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**(54)** Water dispersible formulations  
**(51)** Int. Cl.  
**A23K 20/10** ( 2016.01 )  
**A23K 20/111** ( 2016.01 )  
**A23K 20/132** ( 2016.01 )  
**A23K 20/28** ( 2016.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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 (54) Process for producing coated particles  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
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**E01B 2/00** ( 2006.01 )  
**E01C 3/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Heat treatable coated article having titanium nitride and ito based IR reflecting layers  
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**C03C 17/00** ( 2006.01 )  
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 (31) 15/440,065 (32) 23.02.17 (33) US  
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 (72) Boyce, Brent; Lu, Yiwei; Ding, Guowen; Clavero, Cesar; Schweigert, Daniel; Le, Minh Huu  
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**C04B 18/08** ( 2006.01 )  
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**(54)** Molecular switches  
**(51)** Int. Cl.  
**C12N 9/04** ( 2006.01 )  
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**C12N 15/52** ( 2006.01 )  
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**(54)** Method for fixing a rail bracket of an elevator system, and elevator system  
**(51)** Int. Cl.  
**E21D 7/02** ( 2006.01 )  
**B66B 19/00** ( 2006.01 )  
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*E04G 17/04* ( 2006.01 )  
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*A61K 31/542* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
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*A23C 9/156* ( 2006.01 )  
*A23C 9/20* ( 2006.01 )  
*A23L 2/46* ( 2006.01 )  
*A23L 2/60* ( 2006.01 )  
*A23L 2/68* ( 2006.01 )  
*A23L 29/30* ( 2016.01 )  
*A23L 33/00* ( 2016.01 )  
*A23L 33/21* ( 2016.01 )  
*A61K 31/7016* ( 2006.01 )  
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*A61F 2/00* ( 2006.01 )  
*A61F 2/01* ( 2006.01 )  
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 (51) Int. Cl.

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**B64C 37/00** ( 2006.01 )  
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**(54)** Dishwasher  
**(51)** Int. Cl.  
**A47L 15/42** ( 2006.01 )  
**B01F 3/04** ( 2006.01 )  
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**(43)** 05.07.2018  
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**(54)** Washing machine  
**(51)** Int. Cl.  
**D06F 33/02** ( 2006.01 )  
**D06F 37/06** ( 2006.01 )  
**D06F 37/22** ( 2006.01 )  
**D06F 37/30** ( 2006.01 )  
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**(54)** Washing machine  
**(51)** Int. Cl.  
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**D06F 33/02** ( 2006.01 )  
**D06F 37/06** ( 2006.01 )  
**D06F 37/22** ( 2006.01 )  
**D06F 37/30** ( 2006.01 )  
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**(11)** AU-A-2017389340  
**(21)** 2017389340 **(22)** 26.12.2017  
**(54)** Cleaner  
**(51)** Int. Cl.  
**A47L 9/28** ( 2006.01 )  
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**(54)** Laundry processing device  
**(51)** Int. Cl.  
**D06F 39/08** ( 2006.01 )  
**D06F 37/14** ( 2006.01 )  
**D06F 37/24** ( 2006.01 )  
**D06F 37/40** ( 2006.01 )  
**D06F 39/02** ( 2006.01 )  
**(87)** WO2018/124813  
**(31)** 10-2016-0182209 **(32)** 29.12.16 **(33)** KR  
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**(51)** Int. Cl.  
**F25D 23/04** ( 2006.01 )  
**C08L 33/12** ( 2006.01 )  
**F25D 23/02** ( 2006.01 )  
**F25D 23/06** ( 2006.01 )  
**F25D 27/00** ( 2006.01 )  
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**(54)** Water supply device, and steam supply device and cooking device including same  
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**F24C 15/00** ( 2006.01 )  
**F24C 3/12** ( 2006.01 )  
**F24C 7/08** ( 2006.01 )  
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**C10G 75/02** ( 2006.01 )  
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**(54)** Magnetic separator  
**(51)** Int. Cl.  
**B03C 1/033** ( 2006.01 )  
**B03C 1/14** ( 2006.01 )  
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**(54)** Arc splitter plate  
**(51)** Int. Cl.  
**H01H 1/42** ( 2006.01 )  
**H01H 9/34** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 17/135** ( 2006.01 )  
**A61B 5/0225** ( 2006.01 )  
**A61B 5/025** ( 2006.01 )  
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**(87)** WO2018/136992

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*G02B 5/18* ( 2006.01 )  
*H01Q 15/02* ( 2006.01 )  
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(51) Int. Cl.  
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*A23L 7/10* ( 2016.01 )  
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(51) Int. Cl.  
*C12N 9/88* ( 2006.01 )  
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*C12P 5/00* ( 2006.01 )  
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(51) Int. Cl.  
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(21) 2017388638 (22) 29.12.2017  
(54) A system and a method for comprehensive monitoring, analysis and maintenance of water and equipment in swimming pools  
(51) Int. Cl.  
*C02F 1/00* ( 2006.01 )  
*E04H 4/14* ( 2006.01 )  
*H04Q 9/00* ( 2006.01 )  
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(51) Int. Cl.  
*E04H 4/00* ( 2006.01 )  
*G06F 11/00* ( 2006.01 )  
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*G01N 21/25* ( 2006.01 )  
*C40B 30/04* ( 2006.01 )  
*G01J 1/42* ( 2006.01 )  
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*G01T 1/10* ( 2006.01 )
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*C07K 16/08* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 39/42* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
*C07K 16/10* ( 2006.01 )  
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(74) Phillips Ormonde Fitzpatrick
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(51) Int. Cl.  
*A01N 25/00* ( 2006.01 )  
*A47L 13/00* ( 2006.01 )  
*A61L 2/00* ( 2006.01 )  
*A61L 2/18* ( 2006.01 )  
*B08B 1/00* ( 2006.01 )  
*B08B 9/023* ( 2006.01 )  
*B08B 9/032* ( 2006.01 )  
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(54) Breakaway basketball rim  
(51) Int. Cl.  
*A63B 63/08* ( 2006.01 )  
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**H04L 9/08** ( 2006.01 )  
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*A61J 1/00* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
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**C12N 15/09** ( 2006.01 )  
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**A61K 31/44** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 and their use in the treatment of cancer  
**(51)** Int. Cl.  
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 pyridines and their use in the treatment  
 of cancer  
**(51)** Int. Cl.  
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**A61P 35/00** ( 2006.01 )  
**C07D 407/12** ( 2006.01 )  
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 pyridines and their use in the treatment  
 of cancer  
**(51)** Int. Cl.  
**C07D 213/71** ( 2006.01 )  
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**C07K 14/00** ( 2006.01 )  
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 of a physico-chemical parameter of a  
 medium, associated computer program  
 product and electronic module  
**(51)** Int. Cl.  
**A61B 5/055** ( 2006.01 )  
**G01N 23/18** ( 2018.01 )  
**G05D 21/00** ( 2006.01 )
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**G16C 10/00** ( 2019.01 )  
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**A61P 9/00** ( 2006.01 )  
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**(54)** Human gene correction  
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**A01K 67/027** ( 2006.01 )  
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 nication implemented  
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**(51)** Int. Cl.  
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**(72)** During, Matthew  
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**(21)** 2018219861 **(22)** 08.02.2018  
**(54)** Methods of treating seizure disorders and prader-willi syndrome  
**(51)** Int. Cl.  
**C07C 229/00** ( 2006.01 )  
**A61K 31/185** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61K 31/205** ( 2006.01 )  
**C07C 229/46** ( 2006.01 )  
**C07C 229/48** ( 2006.01 )  
**(87)** WO2018/148380  
**(31)** 62/456,320 **(32)** 08.02.17 **(33)** US  
**(43)** 16.08.2018  
**(72)** During, Matthew  
**(74)** Shelston IP Pty Ltd.
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- (71)** Oxford University Innovation Limited  
**(11)** AU-A-2018208816  
**(21)** 2018208816 **(22)** 17.01.2018  
**(54)** Determining the location of a mobile device  
**(51)** Int. Cl.  
**G06T 7/20** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(87)** WO2018/134589  
**(31)** 20170100024 **(32)** 23.01.17 **(33)** GR  
 1703005.7 24.02.17 GB  
**(43)** 26.07.2018  
**(72)** Wang, Sen; Clark, Ronald; Trigoni, Niki  
**(74)** FB Rice Pty Ltd
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- (71)** Oxford University Innovation Limited  
**(11)** AU-A-2018209336  
**(21)** 2018209336 **(22)** 17.01.2018  
**(54)** Determining the location of a mobile device  
**(51)** Int. Cl.  
**G06T 7/20** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(87)** WO2018/134587  
**(31)** 20170100023 **(32)** 23.01.17 **(33)** GR  
 1703006.5 24.02.17 GB  
**(43)** 26.07.2018  
**(72)** Clark, Ronald; Wang, Sen; Trigoni, Niki  
**(74)** FB Rice Pty Ltd
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- (71)** Panasonic Intellectual Property Management Co., Ltd.  
**(11)** AU-A-2017397947  
**(21)** 2017397947 **(22)** 30.11.2017  
**(54)** Player state display system and player state display method  
**(51)** Int. Cl.  
**A63B 69/00** ( 2006.01 )  
**A63B 69/12** ( 2006.01 )  
**(87)** WO2018/146919
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- (31)** 2017-021217 **(32)** 08.02.17 **(33)** JP  
**(43)** 16.08.2018  
**(72)** Ueda, Junko  
**(74)** Griffith Hack
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- (71)** Panther Packaging GmbH & Co. KG  
**(11)** AU-A-2018219607  
**(21)** 2018219607 **(22)** 09.02.2018  
**(54)** Method for producing corrugated cardboard blanks, and device  
**(51)** Int. Cl.  
**B23K 26/08** ( 2014.01 )  
**B23K 26/142** ( 2014.01 )  
**B23K 26/38** ( 2014.01 )  
**B23K 103/00** ( 2006.01 )  
**(87)** WO2018/146248  
**(31)** 17155919.8 **(32)** 13.02.17 **(33)** EP  
**(43)** 16.08.2018  
**(72)** Hibinger, Frank  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Patsalides, I.  
**(11)** AU-A-2018214443  
**(21)** 2018214443 **(22)** 01.02.2018  
**(54)** A cosmetic eyeliner applicator and a method of utilisation thereof  
**(51)** Int. Cl.  
**A45D 34/04** ( 2006.01 )  
**(87)** WO2018/141014  
**(31)** 2017900295 **(32)** 01.02.17 **(33)** AU  
**(43)** 09.08.2018  
**(72)** Patsalides, Irene  
**(74)** Actuate Patents
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- (71)** Pepsico, Inc.  
**(11)** AU-A-2018224221  
**(21)** 2018224221 **(22)** 26.02.2018  
**(54)** Compositions and methods for enhancing sweetness  
**(51)** Int. Cl.  
**A23L 2/56** ( 2006.01 )  
**A23L 2/385** ( 2006.01 )  
**A23L 2/60** ( 2006.01 )  
**(87)** WO2018/157035  
**(31)** 62/463,888 **(32)** 27.02.17 **(33)** US  
**(43)** 30.08.2018  
**(72)** Erickson, Shawn; Galopin, Christophe  
**(74)** Spruson & Ferguson
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- (71)** Pharnalink International Limited  
**(11)** AU-A-2018392997  
**(21)** 2018392997 **(22)** 21.12.2018  
**(54)** Lipid combinations  
**(51)** Int. Cl.  
**A61K 35/612** ( 2015.01 )  
**A61K 35/618** ( 2015.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2019/123400  
**(31)** 2017905181 **(32)** 22.12.17 **(33)** AU  
**(43)** 27.06.2019  
**(72)** Hodgson, Charles; Myers, Stephen; Oliver, Christopher  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Philip Morris Products S.A.  
**(11)** AU-A-2018253829  
**(21)** 2018253829 **(22)** 15.03.2018  
**(54)** Aerosol-generating system with over-heating prevention  
**(51)** Int. Cl.  
**A24F 47/00** ( 2006.01 )  
**(87)** WO2018/192722  
**(31)** 17166852.8 **(32)** 18.04.17 **(33)** EP  
**(43)** 25.10.2018  
**(72)** Colotte, Guillaume; Bilat, Stephane  
**(74)** Spruson & Ferguson
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- (71)** Physio-Control, Inc.  
**(11)** AU-A-2018210232  
**(21)** 2018210232 **(22)** 18.01.2018  
**(54)** Non-invasive blood pressure measurement using pulse wave velocity  
**(51)** Int. Cl.  
**A61B 5/021** ( 2006.01 )  
**A61B 5/0285** ( 2006.01 )  
**A61B 8/06** ( 2006.01 )  
**A61H 31/00** ( 2006.01 )  
**(87)** WO2018/136656  
**(31)** 62/447,780 **(32)** 18.01.17 **(33)** US  
**(43)** 26.07.2018  
**(72)** Siedenburg, Clinton T.  
**(74)** Franke Hyland
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- (71)** Pilkington Group Limited  
**(11)** AU-A-2018224365  
**(21)** 2018224365 **(22)** 26.02.2018  
**(54)** Universal target stand for ADAS static calibration, method of using the same, target plate for the same and use of a mat for the same  
**(51)** Int. Cl.  
**F16M 11/22** ( 2006.01 )  
**G01S 7/40** ( 2006.01 )  
**(87)** WO2018/154328  
**(31)** 62/463,476 **(32)** 24.02.17 **(33)** US  
**(43)** 30.08.2018  
**(72)** Innes, John  
**(74)** Griffith Hack
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- (71)** PolyNovo Biomaterials Pty Limited  
**(11)** AU-A-2018387125  
**(21)** 2018387125 **(22)** 21.12.2018  
**(54)** Tissue repair laminates  
**(51)** Int. Cl.  
**A61L 27/18** ( 2006.01 )  
**A61F 2/02** ( 2006.01 )  
**A61L 27/44** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**A61L 31/06** ( 2006.01 )  
**B32B 5/18** ( 2006.01 )  
**B32B 27/40** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**(87)** WO2019/119057  
**(31)** 2017905177 **(32)** 22.12.17 **(33)** AU  
**(43)** 27.06.2019  
**(72)** Moore, Timothy Graeme  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** PolyNovo Biomaterials Pty Limited  
**(11)** AU-A-2018390991  
**(21)** 2018390991 **(22)** 21.12.2018

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

- (54) Soft tissue implant pocket  
 (51) Int. Cl.  
**A61F 2/12** ( 2006.01 )  
**A61L 27/34** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**B32B 27/40** ( 2006.01 )  
**C08G 18/06** ( 2006.01 )  
**C08J 9/08** ( 2006.01 )  
**C08L 75/04** ( 2006.01 )  
**C08L 75/06** ( 2006.01 )  
 (87) WO2019/119060  
 (31) 2017905178 (32) 22.12.17 (33) AU  
 (43) 27.06.2019  
 (72) Brennan, Paul; Moore, Timothy Graeme  
 (74) Watermark Intellectual Property Pty Ltd
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- (71) Primex ehf  
 (11) AU-A-2018208032  
 (21) 2018208032 (22) 10.01.2018  
 (54) Chitosan-containing formulations and methods of making and using the same  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A23L 3/3526** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 31/722** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
 (87) WO2018/130951  
 (31) 62/446,108 (32) 13.01.17 (33) US  
 (43) 19.07.2018  
 (72) Marteinsson, Rúnar; Lauzon, Hélène L.; Vigfúsdóttir, Sigríður Vigdís  
 (74) RnB IP Pty Ltd
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- (71) Prismade Labs GmbH  
 (11) AU-A-2018216762  
 (21) 2018216762 (22) 31.01.2018  
 (54) Method for generating a time-dependent signal on a capacitive surface sensor and method for identifying a card-like object, and card-like object and use thereof  
 (51) Int. Cl.  
**G06K 19/067** ( 2006.01 )  
**G06K 7/08** ( 2006.01 )  
 (87) WO2018/141478  
 (31) 17000167.1 (32) 31.01.17 (33) EP  
 17001423.7 21.08.17 EP  
 (43) 09.08.2018  
 (72) Weigelt, Karin; Thiele, Jan  
 (74) James & Wells Intellectual Property
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- (71) Protalix Ltd.  
 (11) AU-A-2018205891  
 (21) 2018205891 (22) 05.01.2018  
 (54) Therapeutic regimen for the treatment of fabry using stabilized alpha-galactosidase  
 (51) Int. Cl.  
**A61K 38/47** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
 (87) WO2018/127920  
 (31) 62/442,537 (32) 05.01.17 (33) US  
 (43) 12.07.2018  
 (72) Almon, Einat; Chertkoff, Raul; Alon, Sari; Shaaltiel, Yoseph  
 (74) Baldwins Intellectual Property
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- (71) Pure Storage, Inc.  
 (11) AU-A-2018230871  
 (21) 2018230871 (22) 31.01.2018  
 (54) Synchronously replicating datasets and other managed objects to cloud-based storage systems  
 (51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
 (87) WO2018/164782  
 (31) 62/470,172 (32) 10.03.17 (33) US  
 62/598,989 14.12.17 US  
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 62/518,071 12.06.17 US  
 62/502,060 05.05.17 US  
 (43) 13.09.2018  
 (72) Botes, Par; Colgrove, John; Driscoll, Alan; Grunwald, David; Hodgson, Steven; Karr, Ronald  
 (74) Spruson & Ferguson
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- (71) Quantel Medical  
 (11) AU-A-2018225458  
 (21) 2018225458 (22) 21.02.2018  
 (54) Method for ocular ultrasound with annular transducers  
 (51) Int. Cl.  
**A61B 8/00** ( 2006.01 )  
**A61B 8/08** ( 2006.01 )  
**A61B 8/10** ( 2006.01 )  
 (87) WO2018/154233  
 (31) 1751386 (32) 22.02.17 (33) FR  
 (43) 30.08.2018  
 (72) Chabrier, Christian; Venuat, Cédric  
 (74) Davies Collison Cave Pty Ltd
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- (71) Rabhi, V.  
 (11) AU-A-2018206286  
 (21) 2018206286 (22) 03.01.2018  
 (54) Synchronized free-wheel roller  
 (51) Int. Cl.  
**F16C 33/34** ( 2006.01 )  
**F16C 27/06** ( 2006.01 )  
**F16C 33/30** ( 2006.01 )  
**F16H 55/14** ( 2006.01 )  
 (87) WO2018/127657  
 (31) 1750044 (32) 03.01.17 (33) FR  
 (43) 12.07.2018  
 (72) Rabhi, Vianney  
 (74) FB Rice Pty Ltd
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- (71) Ratti, J.  
 (11) AU-A-2018205033  
 (21) 2018205033 (22) 28.02.2018  
 (54) High endurance unmanned aerial vehicle  
 (51) Int. Cl.  
**B64C 39/00** ( 2006.01 )  
 (87) WO2018/122830  
 (31) 62/441,163 (32) 31.12.16 (33) US  
 (43) 05.07.2018  
 (72) Ratti, Jayant  
 (74) Jayant Ratti
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- (71) Raytheon Company  
 (11) AU-A-2017410813  
 (21) 2017410813 (22) 07.12.2017  
 (54) Interferometric time delay of arrival  
 (51) Int. Cl.  
**G01S 3/46** ( 2006.01 )  
 (87) WO2018/194716  
 (31) 15/492,694 (32) 20.04.17 (33) US  
 (43) 25.10.2018  
 (72) Robinson, Ian S.; Flanders, Bradley A.; Kilfoyle, Daniel  
 (74) James & Wells Intellectual Property
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- (71) Raytheon Company  
 (11) AU-A-2018230036  
 (21) 2018230036 (22) 01.02.2018  
 (54) Adaptive bitrate streaming of UHD image data  
 (51) Int. Cl.  
**H04N 5/268** ( 2006.01 )  
**H04N 21/234** ( 2011.01 )  
**H04N 21/236** ( 2011.01 )  
**H04N 21/63** ( 2011.01 )  
 (87) WO2018/164785  
 (31) 15/455,726 (32) 10.03.17 (33) US  
 (43) 13.09.2018  
 (72) Woody, Carl A.; Hook, Tyler Layne  
 (74) Phillips Ormonde Fitzpatrick
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- (71) Raytheon Company  
 (11) AU-A-2018230039  
 (21) 2018230039 (22) 01.02.2018  
 (54) Real time frame alignment in video data  
 (51) Int. Cl.  
**H04N 21/2343** ( 2011.01 )  
**H04N 5/232** ( 2006.01 )  
**H04N 21/236** ( 2011.01 )  
**H04N 21/84** ( 2011.01 )  
 (87) WO2018/164788  
 (31) 15/455,845 (32) 10.03.17 (33) US  
 (43) 13.09.2018  
 (72) Woody, Carl A.; Hook, Tyler Layne  
 (74) James & Wells Intellectual Property
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- (71) Receptor Holdings, Inc.  
 (11) AU-A-2018206564  
 (21) 2018206564 (22) 03.01.2018  
 (54) Medicinal compounds and nutritional supplements  
 (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
 (87) WO2018/129097  
 (31) 62/441,908 (32) 03.01.17 (33) US  
 (43) 12.07.2018  
 (72) Leone-Bay, Andrea; Wesner, Gregory  
 (74) Griffith Hack
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- (71) Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.  
 (11) AU-A-2018211934  
 (21) 2018211934 (22) 26.01.2018  
 (54) Hydrodynamic bearing assembly and method of assembling the same  
 (51) Int. Cl.  
**B23P 15/00** ( 2006.01 )  
**F16C 17/02** ( 2006.01 )  
**F16C 33/74** ( 2006.01 )

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**(87)** WO2018/140741  
**(31)** 15/418,179 **(32)** 27.01.17 **(33)** US  
**(43)** 02.08.2018  
**(72)** Turner, Matthew J.; Heins, Greg; Thiele, Mark; Kreidler, Jason Jon  
**(74)** Griffith Hack
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- (71)** Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.  
**(11)** AU-A-2018213369  
**(21)** 2018213369 **(22)** 26.01.2018  
**(54)** Centrifugal pump assemblies having an axial flux electric motor and methods of assembly thereof  
**(51)** Int. Cl.  
**F04D 1/04** ( 2006.01 )  
**F04B 17/04** ( 2006.01 )  
**F04D 13/06** ( 2006.01 )  
**F04D 13/08** ( 2006.01 )  
**F04D 29/04** ( 2006.01 )  
**F04D 29/041** ( 2006.01 )  
**F04D 29/042** ( 2006.01 )  
**F04D 29/047** ( 2006.01 )  
**F04D 29/048** ( 2006.01 )  
**(87)** WO2018/140724  
**(31)** 15/418,146 **(32)** 27.01.17 **(33)** US  
 15/418,103 27.01.17 US  
**(43)** 02.08.2018  
**(72)** Turner, Matthew J.; Heins, Greg; Thiele, Mark; Kreidler, Jason Jon  
**(74)** Griffith Hack
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- (71)** Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.  
**(11)** AU-A-2018213376  
**(21)** 2018213376 **(22)** 26.01.2018  
**(54)** Centrifugal pump assemblies having an axial flux electric motor and methods of assembly thereof  
**(51)** Int. Cl.  
**F04D 29/046** ( 2006.01 )  
**F04D 29/047** ( 2006.01 )  
**F04D 29/056** ( 2006.01 )  
**F04D 29/057** ( 2006.01 )  
**(87)** WO2018/140731  
**(31)** 15/418,171 **(32)** 27.01.17 **(33)** US  
 15/418,155 27.01.17 US  
**(43)** 02.08.2018  
**(72)** Turner, Matthew J.; Heins, Greg; Thiele, Mark; Kreidler, Jason Jon  
**(74)** Griffith Hack
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- (71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2018210364  
**(21)** 2018210364 **(22)** 19.01.2018  
**(54)** HSD17B13 variants and uses thereof  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**C12Q 1/6883** ( 2018.01 )  
**(87)** WO2018/136758  
**(31)** 62/449,335 **(32)** 23.01.17 **(33)** US  
 62/472,972 17.03.17 US  
 62/581,918 06.11.17 US  
**(43)** 26.07.2018  
**(72)** Abul-Husn, Noura S.; Gottesman, Omri; Li, Alexander; Cheng, Xiping; Xin, Yurong; Pefanis, Evangelos; Hartford, Suzanne; Gromada, Jesper; Dewey, Frederick E.; Baras, Aris; Shuldiner, Alan  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Remedi Technology Holdings, LLC  
**(11)** AU-A-2018212978  
**(21)** 2018212978 **(22)** 29.01.2018  
**(54)** Blister package stacker  
**(51)** Int. Cl.  
**B65B 35/52** ( 2006.01 )  
**B65G 57/30** ( 2006.01 )  
**(87)** WO2018/140891  
**(31)** 62/517,234 **(32)** 09.06.17 **(33)** US  
 62/451,417 27.01.17 US  
**(43)** 02.08.2018  
**(72)** Archer, Bobby O.; Dunn, Bruce S.; Bohmann, Jan  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ResApp Health Limited  
**(11)** AU-A-2018214442  
**(21)** 2018214442 **(22)** 01.02.2018  
**(54)** Methods and apparatus for cough detection in background noise environments  
**(51)** Int. Cl.  
**G10L 15/20** ( 2006.01 )  
**G10L 19/26** ( 2013.01 )  
**G10L 25/15** ( 2013.01 )  
**(87)** WO2018/141013  
**(31)** 2017902184 **(32)** 08.06.17 **(33)** AU  
 2017900300 01.02.17 AU  
**(43)** 09.08.2018  
**(72)** Peltonen, Vesa Tuomas Kristian; Keating, Anthony James; Partridge, Nicholas Kim  
**(74)** Michael Buck IP
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- (71)** Revolution Medicines, Inc.  
**(11)** AU-A-2018210196  
**(21)** 2018210196 **(22)** 09.01.2018  
**(54)** Pyridine compounds as allosteric SHP2 inhibitors  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**(87)** WO2018/136264  
**(31)** 62/449,529 **(32)** 23.01.17 **(33)** US  
**(43)** 26.07.2018  
**(72)** Gill, Adrian; Aay, Naing; Mellem, Kevin; Buckl, Andreas; Koltun, Elena S.; Semko, Christopher; Kiss, Gert  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Revolution Medicines, Inc.  
**(11)** AU-A-2018210770  
**(21)** 2018210770 **(22)** 09.01.2018  
**(54)** Bicyclic compounds as allosteric SHP2 inhibitors  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )
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- A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
**(87)** WO2018/136265  
**(31)** 62/449,530 **(32)** 23.01.17 **(33)** US  
**(43)** 26.07.2018  
**(72)** Blank, Brian R.; Pitzen, Jennifer; Wang, Gang; Won, Walter S.; Tzitzilonis, Christos; Li, Jie Jack; Koltun, Elena S.; Aay, Naing; Buckl, Andreas; Mellem, Kevin; Semko, Christopher; Jogalekar, Ash; Kiss, Gert; Gill, Gill, Adrian  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Rheinmetall Waffe Munition GmbH  
**(11)** AU-A-2018241327  
**(21)** 2018241327 **(22)** 08.03.2018  
**(54)** Projectile, in particular in the medium caliber range  
**(51)** Int. Cl.  
**F42B 12/06** ( 2006.01 )  
**F42B 12/34** ( 2006.01 )  
**F42B 12/36** ( 2006.01 )  
**(87)** WO2018/177713  
**(31)** 10 2017 106 526.1 **(32)** 27.03.17 **(33)** DE  
**(43)** 04.10.2018  
**(72)** Stenzel, Udo; Litte, Tobias; Stopper, Daniel  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Rife, R.; Vining, L.  
**(11)** AU-A-2018217134  
**(21)** 2018217134 **(22)** 02.02.2018  
**(54)** Toilet  
**(51)** Int. Cl.  
**A47K 13/10** ( 2006.01 )  
**A47K 11/04** ( 2006.01 )  
**A47K 13/24** ( 2006.01 )  
**A47K 13/28** ( 2006.01 )  
**A61G 5/14** ( 2006.01 )  
**A61G 7/10** ( 2006.01 )  
**A61G 7/14** ( 2006.01 )  
**(87)** WO2018/144793  
**(31)** 15/423,248 **(32)** 02.02.17 **(33)** US  
**(43)** 09.08.2018  
**(72)** Rife, Robert; Vining, Leah  
**(74)** Spruson & Ferguson
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- (71)** Rio Tinto Alcan International Limited  
**(11)** AU-A-2018213430  
**(21)** 2018213430 **(22)** 22.01.2018  
**(54)** Device for supplying alumina to an electrolytic cell  
**(51)** Int. Cl.  
**C25C 3/14** ( 2006.01 )  
**(87)** WO2018/137025  
**(31)** 17/00067 **(32)** 24.01.17 **(33)** FR  
**(43)** 02.08.2018  
**(72)** Renaudier, Steeve; Becasse, Sébastien; Brun, Frédéric; Cote, Patrice; Figue, Jean-Pierre  
**(74)** Spruson & Ferguson

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

- (71) Robert Bosch GmbH  
(11) AU-A-2017387458  
(21) 2017387458 (22) 19.12.2017  
(54) Fertilizing system for agricultural soils, method for operating a fertilizing system  
(51) Int. Cl.  
**A01C 21/00** (2006.01)  
(87) WO2018/122032  
(31) 10 2016 226 292.0 (32) 29.12.16 (33) DE  
(43) 05.07.2018  
(72) Buchtala, Boris; Fehse, Jochen; Link-Dolezal, Johanna; Falck, Tillmann  
(74) Spruson & Ferguson
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- (71) Robert Bosch GmbH  
(11) AU-A-2017390000  
(21) 2017390000 (22) 13.11.2017  
(54) Bevel locking system  
(51) Int. Cl.  
**B27B 5/29** (2006.01)  
(87) WO2018/121911  
(31) 15/391,445 (32) 27.12.16 (33) US  
(43) 05.07.2018  
(72) Marinov, Plamen V.  
(74) Spruson & Ferguson
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- (71) Roll Rite, LLC  
(11) AU-A-2018212651  
(21) 2018212651 (22) 25.01.2018  
(54) Hinged flexible cable coupler and roll tarp system  
(51) Int. Cl.  
**B60J 7/00** (2006.01)  
**B60P 7/00** (2006.01)  
**F16M 13/00** (2006.01)  
(87) WO2018/140572  
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**G01N 21/47** ( 2006.01 )  
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 Ltd.  
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 and control method therefor  
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 able solidifier into a subsea hydrocar-  
 bon well  
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**(51)** Int. Cl.  
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**(54)** Surface cleaning apparatus  
**(51)** Int. Cl.  
**A47L 9/16** ( 2006.01 )  
**A47L 5/22** ( 2006.01 )  
**A47L 5/24** ( 2006.01 )  
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 canister assembly  
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**A47L 5/30** ( 2006.01 )
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 SHORE) LIMITED  
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**A47L 9/24** ( 2006.01 )  
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 mower  
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**A01D 34/73** ( 2006.01 )  
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 tions  
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 originating from particulate tailings gen-

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 (51) Int. Cl.  
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**G06Q 30/02** ( 2012.01 )  
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**H02P 9/04** ( 2006.01 )  
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 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
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**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
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 (11) AU-A-2018227845  
 (21) 2018227845 (22) 01.03.2018  
 (54) Optical articles comprising photochromic poly(urea-urethane)
- 
- (51) Int. Cl.  
**G02B 1/04** ( 2006.01 )  
**B32B 27/40** ( 2006.01 )  
**G02C 7/10** ( 2006.01 )  
 (87) WO2018/160885  
 (31) 62/465,639 (32) 01.03.17 (33) US  
 (43) 07.09.2018  
 (72) Niemi, Kevin M.; Ambler, David Mark  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Zlip Holding Limited  
 (11) AU-A-2018213718  
 (21) 2018213718 (22) 26.01.2018  
 (54) CD47 antigen binding unit and uses thereof  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
 (87) WO2018/137705  
 (31) PCT/ CN2017/072738 (32) 26.01.17 (33) CN  
 (43) 02.08.2018  
 (72) Qiu, Yangsheng; Li, Jing; Gao, Honghai; Wu, Fenglan; Fang, Xu; Li, Shou; Lu, Hongtao; Yan, James S.; Shi, Lei  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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<b>2017383347</b>	Ondilo	<b>2017412402</b>	Halliburton Energy Services, Inc.
<b>2017384861</b>	LG Electronics Inc.	<b>2017415194</b>	Guangzhou Xaircraft Technology Co., Ltd.
<b>2017384896</b>	LG Electronics Inc.	<b>2017417164</b>	Halliburton Energy Services, Inc.
<b>2017385371</b>	Kawasaki Jukogyo Kabushiki Kaisha	<b>2017422642</b>	Hewlett-Packard Development Company, L.P.
<b>2017385419</b>	Universidad de Santiago de Chile	<b>2018205001</b>	NTxBio, LLC
<b>2017385896</b>	LG Electronics Inc.	<b>2018205033</b>	Ratti, J.
<b>2017385913</b>	Wang, T.; Ni, G.; Liu, X.	<b>2018205280</b>	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
<b>2017386189</b>	Gupta, S.; Gupta, S.	<b>2018205352</b>	Moki Doorstep Corp.
<b>2017386549</b>	Endoclear LLC	<b>2018205385</b>	Synexis LLC
<b>2017386654</b>	Universal Research Solutions, LLC	<b>2018205764</b>	GSG Technology Ltd
<b>2017386860</b>	Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.	<b>2018205825</b>	Codondex LLC
<b>2017387033</b>	Selenity Therapeutics (Bermuda), Ltd.	<b>2018205891</b>	Protalix Ltd.
<b>2017387070</b>	Biogen MA Inc.	<b>2018206117</b>	Huawei Technologies Co., Ltd.
<b>2017387129</b>	Gupta, D.	<b>2018206230</b>	Statkraft Ireland Limited
<b>2017387148</b>	Dale, N.	<b>2018206279</b>	ABL Bio Inc.
<b>2017387149</b>	Commercial Development & Industry Partnerships	<b>2018206286</b>	Rabhi, V.
<b>2017387458</b>	Robert Bosch GmbH	<b>2018206411</b>	Fenix Advanced Technologies, Limited
<b>2017387839</b>	Safran Electronics & Defense; B-Temia Inc.	<b>2018206460</b>	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
<b>2017388136</b>	Advanced Medical Solutions Limited	<b>2018206564</b>	Receptor Holdings, Inc.
<b>2017388230</b>	University of Utah Research Foundation	<b>2018206592</b>	Huawei Technologies Co., Ltd.
<b>2017388623</b>	Levy, M.	<b>2018207669</b>	Enco International Incorporated
<b>2017388638</b>	Maytronics Ltd.	<b>2018208032</b>	Primex ehf
<b>2017388639</b>	Maytronics Ltd.	<b>2018208142</b>	Huawei Technologies Co., Ltd.
<b>2017389212</b>	FTS Kabushiki Kaisha	<b>2018208160</b>	Cstone Pharmaceuticals (Suzhou) Co., Ltd.; Cstone Pharmaceuticals (Shanghai) Co., Ltd; Cstone Pharmaceuticals
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<b>2017389358</b>	LG Electronics Inc.	<b>2018208816</b>	Oxford University Innovation Limited
<b>2017389721</b>	China Railway Engineering Equipment Group Co., Ltd.	<b>2018208842</b>	Champagne Donuts Pty Ltd
<b>2017390000</b>	Robert Bosch GmbH	<b>2018208908</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
<b>2017391778</b>	Tseng, S.	<b>2018208953</b>	Huawei Technologies Co., Ltd.
<b>2017391795</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018209164</b>	Heparegenix GmbH
<b>2017392146</b>	Franklin Sensors Inc.	<b>2018209203</b>	Hifibio, P.
<b>2017392662</b>	Nippon Steel & Sumitomo Metal Corporation	<b>2018209236</b>	Immune System Regulation Holding AB
<b>2017394025</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018209238</b>	Immune System Regulation Holding AB
<b>2017394059</b>	Huawei Technologies Co., Ltd.	<b>2018209239</b>	Immune System Regulation Holding AB
<b>2017394213</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018209336</b>	Oxford University Innovation Limited
<b>2017394292</b>	Huawei Technologies Co., Ltd.	<b>2018209337</b>	The Flume Catheter Company Limited
<b>2017394667</b>	Mega Slam Hoops, LLC	<b>2018209424</b>	Factorytaly S.r.l.
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<b>2017395511</b>	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.	<b>2018209619</b>	Dressler Group GmbH & Co. KG
<b>2017395528</b>	HotaluX, Ltd.	<b>2018209885</b>	Hygienius Intellectual Property B.V.
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<b>2017396181</b>	Sumitomo Chemical Company, Limited	<b>2018210155</b>	GE Oil & Gas Pressure Control LP
<b>2017397231</b>	Compagnie Generale des Etablissements Michelin	<b>2018210196</b>	Revolution Medicines, Inc.
<b>2017397458</b>	ModernaTX, Inc.	<b>2018210218</b>	Becton Dickinson and Company Limited
<b>2017397532</b>	Yamaha Motor Power Products Kabushiki Kaisha	<b>2018210219</b>	Becton Dickinson and Company Limited
<b>2017397947</b>	Panasonic Intellectual Property Management Co., Ltd.	<b>2018210232</b>	Physio-Control, Inc.
<b>2017398400</b>	General Mills, Inc.	<b>2018210235</b>	Nant Holdings IP, LLC
<b>2017398968</b>	August Rüggeberg GmbH & Co. KG	<b>2018210364</b>	Regeneron Pharmaceuticals, Inc.
<b>2017399114</b>	Fujitsu Frontech Limited	<b>2018210524</b>	Built Robotics Inc.
<b>2017399124</b>	Norseman Machinery Imports Pty Ltd	<b>2018210552</b>	sRNALytics, Inc.
<b>2017400540</b>	Avent, Inc.	<b>2018210560</b>	Bidgely Inc.
<b>2017400681</b>	Halliburton Energy Services, Inc.	<b>2018210646</b>	LG Electronics Inc.
<b>2017400687</b>	Halliburton Energy Services, Inc.	<b>2018210673</b>	Rubicon Research Pty Ltd
<b>2017401384</b>	Sony Corporation	<b>2018210770</b>	Revolution Medicines, Inc.
<b>2017405239</b>	Sony Corporation	<b>2018210831</b>	Becton Dickinson and Company Limited
<b>2017406401</b>	Loesche GmbH	<b>2018210833</b>	Becton Dickinson and Company Limited
<b>2017407339</b>	Halliburton Energy Services, Inc.	<b>2018210835</b>	Becton Dickinson and Company Limited
<b>2017408472</b>	Mitsubishi Electric Corporation	<b>2018210912</b>	The Texas A&M University System
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2018211801	Ono Pharmaceutical Co., Ltd.	2018215194	The Alfred E. Mann Foundation for Scientific Research
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2018211934	Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.	2018215857	Gillies McIndoe Research Institute
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2018212019	MediBeacon Inc.	2018216090	TTI (Macao Commercial Offshore) Limited
2018212308	Ryan Francis Limited	2018216158	Motorola Solutions, Inc.
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2018212527	RVT Group Limited	2018216411	Astellas Pharma Inc.
2018212551	Lawter, Inc.	2018216424	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2018212576	Ensco International Incorporated	2018216509	Curigin Co.,Ltd.
2018212651	Roll Rite, LLC	2018216529	Samsung Electronics Co., Ltd.
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2018212810	Legacy Ventures LLC	2018216535	TwoY. co. Ltd.
2018212812	Dassault Systemes Simulia Corp.	2018216633	Ecoflex Limited
2018212860	National Research Council of Canada	2018216637	Kelso Technologies Inc.
2018212895	Cornell University	2018216762	Prismade Labs GmbH
2018212933	Macquarie University	2018216823	Greeneden U.S. Holdings II, LLC
2018212937	Hudson Institute of Medical Research	2018217006	Hollister Incorporated
2018212953	Canadian Light Source Inc.	2018217057	Standing Wave Reformers LLC
2018212971	Aladdin Manufacturing Corporation	2018217101	Tata Communications (America) Inc.
2018212978	Remedi Technology Holdings, LLC	2018217120	BeyondSpring Pharmaceuticals, Inc.
2018213055	Shire Human Genetic Therapies, Inc.	2018217134	Rife, R.; Vining, L.
2018213153	Olipass Corporation	2018217137	Edgewell Personal Care Brands, LLC
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2018213246	Fisher & Paykel Healthcare Limited	2018217388	BP p.l.c.
2018213296	Safe Foods Corporation	2018217489	WestRock Packaging Systems, LLC
2018213369	Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.	2018217779	Lucy Electric (EMS) Limited
2018213376	Regal Beloit America, Inc.; Regal Beloit Australia Pty Ltd.	2018217794	Inventio AG
2018213387	Intrexon Corporation	2018217816	Genentech, Inc.
2018213395	Intrexon Corporation	2018217850	Thai Polyethylene Co., Ltd.
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2018213428	Hengestone Holdings, Inc.	2018217992	Hadasit Medical Research Services and Development Ltd.
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2018214168	Out and Out Chemistry SPRL	2018218519	Oblique Therapeutics AB
2018214221	Gene Signal International SA	2018218521	Oblique Therapeutics AB
2018214223	Amgen Research (Munich) GmbH; Amgen Inc.	2018218522	Oblique Therapeutics AB
2018214258	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2018218614	Honda Motor Co., Ltd.
2018214361	Suntory Holdings Limited	2018218643	Sumitomo Metal Mining Co., Ltd.
2018214388	Toray Industries, Inc.	2018218644	Sumitomo Metal Mining Co., Ltd.
2018214391	Hitachi Metals, Ltd.	2018218670	Bob Service Srl
2018214435	Astral Pool Australia Pty Ltd	2018218792	Ingenieursburo J.K. de Heer
2018214438	Conveyor Innovations Pty Ltd; e-moola.com Pty Ltd	2018218958	LG Electronics Inc.
2018214442	ResApp Health Limited	2018219004	Illinois Tool Works Inc.
2018214443	Patsalides, I.	2018219226	Seattle Children's Hospital (dba Seattle Children's Research Institute)
2018214552	Water Pik, Inc.	2018219278	Locus Oil IP Company, LLC
2018214556	ModernaTX, Inc.	2018219291	WhiteHawk CEC Inc.
2018214601	Caris Science, Inc.	2018219593	Annexin Pharmaceuticals AB
2018214612	Chromatic Industries, Inc.	2018219603	Schreder S.A.
2018214650	Alize Pharma III SAS	2018219607	Panther Packaging GmbH & Co. KG
2018214780	Kake Educational Institution Okayama University of Science; Japan Medical Device Technology Co., Ltd.	2018219660	BASF SE
2018214800	MasterCard International Incorporated	2018219663	Carag AG; Universität Zürich
2018214813	Illinois Tool Works Inc.	2018219673	BP p.l.c.
2018214839	Boston Scientific Scimed, Inc.	2018219807	Kemira Oyj
2018214902	IHI Corporation	2018219861	Ovid Therapeutics Inc.
2018214933	Bayer HealthCare LLC	2018220580	Frito-Lay North America, Inc.
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2018215089	Certa Therapeutics Pty Ltd		

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2018221254	University of Pittsburgh - of The Commonwealth System of Higher Education	2018257765	Halliburton Energy Services, Inc.
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2018221899	The University of Western Australia	2018283983	Becton, Dickinson and Company
2018222076	Alibaba Group Holding Limited	2018284487	Guangdong OPPO Mobile Telecommunications Corp.,Ltd.
2018222305	Nisshin Foods Inc.	2018287567	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018222327	BASF Agro B.V.	2018287568	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
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2018222638	DSM IP Assets B.V.	2018297798	NEC Platforms, Ltd.
2018222749	Fred Hutchinson Cancer Research Center	2018308956	China University of Mining and Technology
2018222816	Telefonaktiebolaget LM Ericsson (publ)	2018319218	Korea Zinc Co., Ltd.
2018223172	Cryovac, LLC	2018327223	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018223232	Agersens Pty Ltd	2018330958	China University of Mining and Technology; Xuzhou Jinbo Safety and Technology Co., Ltd
2018224006	Becton, Dickinson and Company; Cao, J.	2018334593	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018224221	Pepsico, Inc.	2018353933	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018224365	Pilkington Group Limited	2018355081	ABM International, Inc.
2018225127	Guardian Glass, LLC	2018374073	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd
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2018225560	Boston Scientific Scimed, Inc.	2018390991	PolyNovo Biomaterials Pty Limited
2018225575	Filtration Technology Corporation	2018392997	Pharmalink International Limited
2018225650	Guardian Glass, LLC; Intermolecular Inc.	2018394779	Tianjin Deepfar Ocean Technology Co., Ltd.
2018225761	Valco Instruments Company, L.P.		
2018225827	Holland Bloorview Kids Rehabilitation Hospital		
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2018226241	Samsung Electronics Co., Ltd.		
2018226526	Affimed GmbH		
2018226955	Boehringer Ingelheim International GmbH		
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2018227502	MedImmune Limited		
2018227581	TTI (Macao Commercial Offshore) Limited		
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2018227923	Societe des Produits Nestle S.A.		
2018227924	Societe des Produits Nestle S.A.		
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2018229355	Corcept Therapeutics, Inc.		
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2018233474	Novartis AG		
2018233476	Novartis AG		
2018233482	Novartis AG		
2018233619	BASF SE		
2018235092	Innate Pharma		
2018235156	Jennewein Biotechnologie GmbH		
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2018236167	WANdisco, Inc.		
2018238691	Albarano, T.		
2018239310	Nomad Bioscience GmbH		
2018239442	Velano Vascular, Inc.		
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2018241944	Boehringer Ingelheim International GmbH		
2018243555	The Chemours Company FC, LLC		
2018244635	Wave Optics Ltd		
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2018205385		2018214258	2018238691	2018238691	<b><u>A61K 47 /-</u></b>
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	2018235156	<b><u>A61B 18 /-</u></b>	2018217134	2018212017	2018216509
<b><u>A01N 31 /-</u></b>		2017400540	<b><u>A61G 9 /-</u></b>	2018213417	
2018220969	<b><u>A23L 3 /-</u></b>	2017388136	2018217006	2018215857	<b><u>A61K 49 /-</u></b>
	2018208032	2018212810	<b><u>A61H 31 /-</u></b>	2018216532	2018210912
<b><u>A01N 37 /-</u></b>	2018208032	2018212933	2018210232	2018217992	
2018220969		2018225560	<b><u>A61J 1 /-</u></b>	2018218221	<b><u>A61K 51 /-</u></b>
	<b><u>A23L 33 /-</u></b>	<b><u>A61B 18 /-</u></b>	2018210218	2018221254	2018210912
	2018215090	2018233476	2018210219	2018222749	2018219226
	2018235156	2018233476	2018210831	2018222749	
		2018233476	2018210833	2018235964	<b><u>A61K 8 /-</u></b>
		2017400540	2018210835	2018392997	2018214552
		<b><u>A61B 3 /-</u></b>	2018233476		2018217137
		2018221899	2018233482	<b><u>A61K 36 /-</u></b>	2018226144
		<b><u>A61B 5 /-</u></b>	<b><u>A61J 3 /-</u></b>	2018217906	
		2017383347	2018214933	2018220635	
		2018210232	<b><u>A61K 31 /-</u></b>	<b><u>A61K 38 /-</u></b>	
		2018212933	2017387033	2017385913	<b><u>A61K 9 /-</u></b>
			2017387070	2018205891	2017388230
			2017388230	2018209236	

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2018208032	<b><u>A61P 17 /-</u></b>	2018214979	<b><u>B01D 63 /-</u></b>	<b><u>B23P 15 /-</u></b>	
2018211966		2018222749			<b><u>B29K 67 /-</u></b>
2018214221	2018208032		2018214388	2018211934	
2018222638	2018215089	<b><u>A61P 41 /-</u></b>			2018212971
2018238691			<b><u>B01F 3 /-</u></b>	<b><u>B24D 18 /-</u></b>	
	<b><u>A61P 19 /-</u></b>	2018214780			<b><u>B29L 31 /-</u></b>
<b><u>A61L 2 /-</u></b>			2017384861	2017398968	
	2018208231	<b><u>A61P 43 /-</u></b>			2018212971
2018205385	2018209571		<b><u>B01J 19 /-</u></b>	<b><u>B24D 3 /-</u></b>	
2018221080	2018219593	2018210099			<b><u>B32B 27 /-</u></b>
		2018211801	2018218670	2017398968	
	<b><u>A61P 25 /-</u></b>	2018229355			2018223172
<b><u>A61L 27 /-</u></b>			<b><u>B01J 2 /-</u></b>	<b><u>B24D 7 /-</u></b>	2018227845
	2018206564	<b><u>A61P 9 /-</u></b>			2018387125
2017387149	2018210099		2018209619	2017398968	2018390991
2017394923	2018212860	2018211801			
2018387125	2018215363	<b><u>A61Q 11 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>B25B 7 /-</u></b>	<b><u>B32B 5 /-</u></b>
2018390991	2018218307				
	2018229721	2018214552	2018212308	2017386860	2018387125
<b><u>A61L 31 /-</u></b>	2018229723				
		<b><u>A61Q 17 /-</u></b>	<b><u>B01J 23 /-</u></b>	<b><u>B25C 1 /-</u></b>	<b><u>B41J 2 /-</u></b>
2018214780					
2018387125	<b><u>A61P 27 /-</u></b>	2018217137	2018217388	2018214813	2017422642
		2018238691		2018219004	
<b><u>A61M 16 /-</u></b>	2018214221		<b><u>B01J 37 /-</u></b>		<b><u>B41M 7 /-</u></b>
		<b><u>A61Q 19 /-</u></b>		<b><u>B25J 9 /-</u></b>	
2017386549	<b><u>A61P 29 /-</u></b>		2018217388		2018219660
		2018226144	2018219673	2017387839	
<b><u>A61M 25 /-</u></b>	2018208231				<b><u>B43L 1 /-</u></b>
	2018209571	<b><u>A62C 35 /-</u></b>	<b><u>B01J 8 /-</u></b>	<b><u>B26D 3 /-</u></b>	
2017386549	2018213716				2018217166
2018209337	2018392997	2018211907	2018218670	2017386860	
2018239442					<b><u>B60F 5 /-</u></b>
	<b><u>A61P 31 /-</u></b>	<b><u>A63B 15 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B27B 5 /-</u></b>	
<b><u>A61M 39 /-</u></b>					2017388623
	2017385913	2017387148	2018205764	2017390000	2018216637
2018210218	2018209238		2018209203		
2018210219	2018213716	<b><u>A63B 21 /-</u></b>	<b><u>B03C 1 /-</u></b>	<b><u>B28C 5 /-</u></b>	<b><u>B60G 17 /-</u></b>
2018210831	2018217906				
2018210833	2018227502	2017387148	2017406401	2017400687	2018208842
2018210835	2018239310				2018216637
2018214933		<b><u>A63B 22 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B28C 7 /-</u></b>	<b><u>B60G 3 /-</u></b>
	<b><u>A61P 35 /-</u></b>				
<b><u>A61M 5 /-</u></b>		2017394292	2018219807	2017400687	2018208842
	2017397458			<b><u>B28C 9 /-</u></b>	
2018210218	2018208160	<b><u>A63B 63 /-</u></b>	<b><u>B05B 15 /-</u></b>		<b><u>B60J 7 /-</u></b>
2018210219	2018208231			2017400687	
2018214933	2018210196	2017394667	2017396181		2018212651
2018233465	2018210235			<b><u>B29B 17 /-</u></b>	
2018233476	2018210770	<b><u>A63B 69 /-</u></b>	<b><u>B05B 5 /-</u></b>		<b><u>B60P 7 /-</u></b>
2018233482	2018210912			2018212971	
2018255317	2018211801	2017394667	2017396181		2018212651
	2018212937	2017397947		<b><u>B29B 9 /-</u></b>	
<b><u>A61N 1 /-</u></b>	2018213417		<b><u>B08B 1 /-</u></b>		<b><u>B60R 25 /-</u></b>
	2018213718	<b><u>B01D 15 /-</u></b>		2018209619	
2018215194	2018214979		2018221080		2018216089
	2018215809	2018225761		<b><u>B29C 48 /-</u></b>	
<b><u>A61N 5 /-</u></b>	2018216411		<b><u>B08B 9 /-</u></b>		<b><u>B60R 3 /-</u></b>
	2018216509	<b><u>B01D 21 /-</u></b>		2018212971	
2018210552	2018217120		2018221080		2018205352
	2018218221	2018219807	<b><u>B23D 21 /-</u></b>	<b><u>B29C 65 /-</u></b>	
<b><u>A61P 1 /-</u></b>	2018218518				<b><u>B60S 1 /-</u></b>
	2018218519	<b><u>B01D 27 /-</u></b>	2017386860	2018211893	
2018209164	2018218521				2018216089
2018221322	2018218522	2018225575	<b><u>B23K 103 /-</u></b>	<b><u>B29C 70 /-</u></b>	
	2018221557				2018216089
<b><u>A61P 11 /-</u></b>	2018222749	<b><u>B01D 29 /-</u></b>	2018219607	2018211893	2018220668
	2018241944			<b><u>B29D 99 /-</u></b>	
2018208231	2018244935	2018225575	<b><u>B23K 26 /-</u></b>		2018220668
2018209571				2018212971	
	<b><u>A61P 13 /-</u></b>	<b><u>B01D 53 /-</u></b>	2018219607		<b><u>B61L 25 /-</u></b>
				<b><u>B29K 105 /-</u></b>	
2018208231	2018208231	2018229396			2018220668
2018211801	2018211801			2018212971	
	2018213716				

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<u>B61L 3 /-</u>	<u>B65G 39 /-</u>	<u>C07C 235 /-</u>	<u>C07D 405 /-</u>	<u>C07K 1 /-</u>	<u>C09D 11 /-</u>
2018220668	2018214438	2018215089	2018208160	2017385913	2018219660
<u>B62D 17 /-</u>	<u>B65G 43 /-</u>	<u>C07C 237 /-</u>	2018218522	<u>C07K 14 /-</u>	<u>C09D 167 /-</u>
2018208842	2018214438	2018215089	2018233619	2017385913	2018223172
<u>B62D 35 /-</u>	<u>B65G 57 /-</u>	<u>C07C 255 /-</u>	<u>C07D 407 /-</u>	2018212860	<u>C09D 4 /-</u>
2017397231	2018212978	2018215089	2018218521	2018212937	2018219660
<u>B62D 7 /-</u>	<u>B66B 19 /-</u>	<u>C07D 205 /-</u>	<u>C07D 409 /-</u>	2018213055	2018219660
2018208842	2018217794	2018215089	2018233619	2018213153	<u>C09D 5 /-</u>
<u>B63B 35 /-</u>	<u>C01B 17 /-</u>	<u>C07D 207 /-</u>	<u>C07D 417 /-</u>	2018229741	2018212527
2018212576	2018220635	2018215089	2018215809	<u>C07K 16 /-</u>	<u>C09K 8 /-</u>
<u>B63C 11 /-</u>	<u>C01B 21 /-</u>	<u>C07D 209 /-</u>	2018218519	2018206279	2017385419
2018394779	2018220635	2018215089	<u>C07D 471 /-</u>	2018210912	2017400681
<u>B63G 8 /-</u>	<u>C01B 3 /-</u>	2018226955	2018209164	2018212860	2017400687
2018394779	2018217057	<u>C07D 211 /-</u>	2018210770	2018213718	2017408643
<u>B64C 37 /-</u>	2018229396	2018208160	2018216411	2018214223	2018212551
2017388623	<u>C01B 32 /-</u>	2018215089	2018244935	2018217816	<u>C10G 15 /-</u>
<u>B64C 39 /-</u>	2018211765	<u>C07D 213 /-</u>	<u>C07D 487 /-</u>	2018219226	2018217057
2018205033	<u>C01C 1 /-</u>	2018215089	2018208231	2018226526	<u>C10G 2 /-</u>
<u>B64G 3 /-</u>	2018229396	2018218518	2018210770	2018227502	2018217388
2018213509	<u>C02F 1 /-</u>	2018218522	<u>C07D 491 /-</u>	2018232698	2018219673
<u>B65B 1 /-</u>	2017388638	<u>C07D 217 /-</u>	<u>C07D 493 /-</u>	2018235092	<u>C10G 75 /-</u>
2018220580	2018212308	2017387070	<u>C07D 498 /-</u>	2018241780	2018219278
<u>B65B 35 /-</u>	<u>C02F 103 /-</u>	<u>C07D 223 /-</u>	2018222327	<u>C07K 19 /-</u>	<u>C10J 3 /-</u>
2018212978	2017388638	2017387070	<u>C07D 499 /-</u>	2018212860	2018206411
<u>B65B 9 /-</u>	2018212308	<u>C07D 239 /-</u>	2017387070	2018213718	<u>C10G 75 /-</u>
2018218792	<u>C02F 3 /-</u>	2018221322	2018210770	<u>C07K 4 /-</u>	2018219278
<u>B65D 1 /-</u>	2017385419	<u>C07D 307 /-</u>	<u>C07D 513 /-</u>	2018239310	<u>C10J 3 /-</u>
2018225127	2018212308	2018208160	2018222327	<u>C07K 7 /-</u>	2018206411
2018225650	<u>C03C 17 /-</u>	<u>C07D 309 /-</u>	<u>C07D 519 /-</u>	2018209236	<u>C10L 5 /-</u>
2018227161	2018225127	2017387070	2017387070	2018209239	2018206411
<u>B65D 25 /-</u>	2018225650	<u>C07D 311 /-</u>	2018210770	2018214650	<u>C10L 8 /-</u>
2018217166	2017400687	2017387070	2018210770	2018216033	2018206411
<u>B65D 5 /-</u>	<u>C04B 18 /-</u>	<u>C07D 311 /-</u>	2018229721	<u>C08G 18 /-</u>	<u>C10L 8 /-</u>
2018209885	2017400687	2018221322	<u>C07D 513 /-</u>	2018390991	2018206411
<u>B65D 71 /-</u>	<u>C04B 28 /-</u>	<u>C07D 307 /-</u>	<u>C07D 519 /-</u>	<u>C08J 3 /-</u>	<u>C12C 5 /-</u>
2018217489	2017400687	2018208160	2018210770	2018217850	2017395511
<u>B65D 75 /-</u>	<u>C04B 40 /-</u>	<u>C07D 309 /-</u>	2018229721	<u>C08J 5 /-</u>	<u>C12G 3 /-</u>
2018209885	2017400687	2018208160	2018229723	2018209236	2018206411
<u>B65D 81 /-</u>	<u>C07B 37 /-</u>	<u>C07D 311 /-</u>	<u>C07D 519 /-</u>	2018209239	<u>C10L 5 /-</u>
2018226955	2018225127	2017387070	2018210770	2018214650	2018206411
<u>C07C 229 /-</u>	2018225650	<u>C07D 311 /-</u>	2018244935	2018216033	<u>C10L 8 /-</u>
2018219861	<u>C04B 18 /-</u>	<u>C07D 311 /-</u>	<u>C07H 1 /-</u>	<u>C08G 18 /-</u>	<u>C10L 8 /-</u>
2018243555	2017400687	2018208160	2018235156	2018390991	2018206411
	<u>C04B 28 /-</u>	<u>C07D 401 /-</u>	<u>C07H 19 /-</u>	<u>C08J 3 /-</u>	<u>C12C 5 /-</u>
	2017400687	2018210196	2018214601	2018217850	2017395511
	<u>C04B 40 /-</u>	2018211801	<u>C07H 19 /-</u>	<u>C08J 5 /-</u>	<u>C12G 3 /-</u>
	2017400687	2018215809	2018214601	2018217850	2017395511
	<u>C07B 37 /-</u>	2018218519	<u>C07H 21 /-</u>	<u>C08L 33 /-</u>	<u>C12N 1 /-</u>
	2018226955	2018218521	2018214601	2018387125	2017385419
	<u>C07C 229 /-</u>	2018218522	<u>C07H 3 /-</u>	<u>C08J 9 /-</u>	2018205001
	2018226955	2018233619	2018235156	2018390991	2018213387
	<u>C07C 229 /-</u>	<u>C07D 403 /-</u>	<u>C07H 19 /-</u>	<u>C08K 9 /-</u>	2018216532
	2018219861	2018215809	2018214601	2018217850	<u>C12N 15 /-</u>
	2018243555	2018218307	<u>C07H 3 /-</u>	<u>C08L 33 /-</u>	2018205001
		2018218519	2018235156	2018210646	2018209934
				<u>C08L 75 /-</u>	2018210364
				2018390991	2018211953
					2018212017
					2018212860
					2018212937
					2018213153
					2018213387

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2018213395		<u><b>D06F 39 /-</b></u>		<u><b>F01K 9 /-</b></u>	<u><b>F16L 55 /-</b></u>
2018213417	<u><b>C21B 15 /-</b></u>		<u><b>E06C 5 /-</b></u>		
2018213716		2017384896		2018214902	2018211893
2018213718	2018319218	2017385896	2018205352		
2018214601		2017389358		<u><b>F03B 17 /-</b></u>	<u><b>F16M 11 /-</b></u>
2018216509	<u><b>C21D 1 /-</b></u>		<u><b>E21B 17 /-</b></u>		
2018222749		<u><b>D06N 7 /-</b></u>		2018209424	2018224365
2018232698	2018211466		2017395716		
2018255975		2018249356	2017407339	<u><b>F03D 7 /-</b></u>	<u><b>F16M 13 /-</b></u>
	<u><b>C21D 8 /-</b></u>				
<u><b>C12N 5 /-</b></u>	2018211466	<u><b>E01B 2 /-</b></u>	<u><b>E21B 19 /-</b></u>	2018334593	2018212651
2018205001	<u><b>C22B 1 /-</b></u>	2018216633	2018212576	<u><b>F03D 80 /-</b></u>	<u><b>F21V 8 /-</b></u>
2018217992					
2018221227	2018218643	<u><b>E01C 3 /-</b></u>	<u><b>E21B 23 /-</b></u>	2018327223	2018244635
	2018218644				
<u><b>C12N 7 /-</b></u>		2018216633	2017412402	<u><b>F04B 17 /-</b></u>	<u><b>F24C 15 /-</b></u>
	<u><b>C22B 23 /-</b></u>		2018257765		
2018213417		<u><b>E01F 15 /-</b></u>		2018213369	2018218958
	2018218643		<u><b>E21B 33 /-</b></u>		
<u><b>C12N 9 /-</b></u>	2018218644	2017386189		<u><b>F04D 1 /-</b></u>	<u><b>F24C 3 /-</b></u>
2018205001	<u><b>C22B 3 /-</b></u>	<u><b>E01F 8 /-</b></u>	2017400681	2018213369	2018218958
2018205891			2017400687		
2018211953	2018319218		2018207669	<u><b>F04D 13 /-</b></u>	<u><b>F24C 7 /-</b></u>
2018213055		<u><b>E02B 3 /-</b></u>	2018246876		
2018213387	<u><b>C22B 5 /-</b></u>		2018257765	2018213369	2018218958
2018213395		2018216633		2018214435	
2018229741	2018218643		<u><b>E21B 41 /-</b></u>		<u><b>F24F 13 /-</b></u>
	2018218644	<u><b>E02D 17 /-</b></u>		<u><b>F04D 29 /-</b></u>	
<u><b>C12P 19 /-</b></u>			2017395716		2017408472
	<u><b>C22C 18 /-</b></u>	2018216633		2018213369	
2018235156			<u><b>E21B 43 /-</b></u>	2018213376	<u><b>F24S 23 /-</b></u>
	2017392662	<u><b>E02D 27 /-</b></u>			
<u><b>C12P 21 /-</b></u>			2017408643	<u><b>F16B 2 /-</b></u>	2018211923
	<u><b>C22C 21 /-</b></u>	2018216633	2018210155		
2018213718			2018216283	2018255317	<u><b>F25B 15 /-</b></u>
	2017392662	<u><b>E02D 29 /-</b></u>			
<u><b>C12P 5 /-</b></u>			<u><b>E21B 47 /-</b></u>	<u><b>F16C 17 /-</b></u>	2018213191
	<u><b>C22C 23 /-</b></u>	2018216633			
2018211953			2017407339	2018211934	<u><b>F25D 17 /-</b></u>
	2017392662	<u><b>E02F 1 /-</b></u>	2017417164	<u><b>F16C 27 /-</b></u>	2018213191
<u><b>C12P 7 /-</b></u>			2018215997		
	<u><b>C22C 38 /-</b></u>	2018210524		<u><b>F16C 27 /-</b></u>	2018213191
2018213387			<u><b>E21B 7 /-</b></u>	2018206286	<u><b>F25D 23 /-</b></u>
	2018211466	<u><b>E02F 9 /-</b></u>			
<u><b>C12P 9 /-</b></u>			2017412402	<u><b>F16C 33 /-</b></u>	2017409223
	<u><b>C23C 2 /-</b></u>	2018210524			2018210646
2018211953			<u><b>E21C 37 /-</b></u>	2018206286	2018213191
	2017392662	<u><b>E04B 1 /-</b></u>		2018211934	
<u><b>C12Q 1 /-</b></u>			2018330958	2018214438	<u><b>F25D 25 /-</b></u>
	<u><b>C25C 3 /-</b></u>	2018212527			
2018205001			<u><b>E21C 41 /-</b></u>	<u><b>F16C 43 /-</b></u>	2017409223
2018210364	2018213430	<u><b>E04C 1 /-</b></u>			<u><b>F25D 27 /-</b></u>
2018210552			2018330958	2018211934	
<u><b>C12R 1 /-</b></u>	<u><b>C40B 30 /-</b></u>	2018213428		2018214438	<u><b>F25D 25 /-</b></u>
			<u><b>E21D 7 /-</b></u>		
2018216532	2018212019	<u><b>E04C 5 /-</b></u>		<u><b>F16H 25 /-</b></u>	2018210646
			2018217794		
<u><b>C13B 50 /-</b></u>	<u><b>D05B 3 /-</b></u>	2018241240		2018208842	<u><b>F42B 12 /-</b></u>
			<u><b>E21D 9 /-</b></u>		
2018235156	2018355081	<u><b>E04G 17 /-</b></u>		<u><b>F16H 55 /-</b></u>	2018241327
			2017389721		
<u><b>C13K 13 /-</b></u>	<u><b>D06F 33 /-</b></u>	2018241240		2018206286	<u><b>G01B 11 /-</b></u>
			<u><b>F01D 19 /-</b></u>		
2018235156	2017384896	<u><b>E04G 21 /-</b></u>		<u><b>F16J 15 /-</b></u>	2018209203
	2017385896		2018353933		
<u><b>C13K 5 /-</b></u>	<u><b>D06F 37 /-</b></u>	2018212527		2018214612	<u><b>G01B 9 /-</b></u>
		2018241240	<u><b>F01K 23 /-</b></u>		
2018235156				<u><b>F16K 27 /-</b></u>	2018221899
	2017384896	<u><b>E04H 4 /-</b></u>	2018214902		
<u><b>C13K 7 /-</b></u>	2017385896			2018214168	<u><b>G01F 1 /-</b></u>
	2017389358	2017388638	<u><b>F01K 25 /-</b></u>		
		2017388639		<u><b>F16L 33 /-</b></u>	2018210673
2018235156		2018214435	2018214902		2018212812
				2018211893	

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

<b><u>G01J 1/-</u></b>	<b><u>G01V 3/-</u></b>	2018230871	2018287568	2018206230 2018353933	<b><u>H04Q 9/-</u></b>
2018212019	2017417164	<b><u>G06F 9/-</u></b>	<b><u>G10K 11/-</u></b>	<b><u>H02J 7/-</u></b>	2017388638
<b><u>G01J 3/-</u></b>	<b><u>G02B 1/-</u></b>	2017387129 2017396181 2018216529	2018212527	2018211923 2018218614 2018249241	<b><u>H04W 12/-</u></b>
2018209203	2018212726 2018227845	<b><u>G06G 7/-</u></b>	<b><u>G10L 15/-</u></b>	2018211923 2018218614 2018249241	2018216158 2018219603
<b><u>G01N 1/-</u></b>	<b><u>G02B 27/-</u></b>	2018212812	2018214442 2018216823	<b><u>H02M 7/-</u></b>	<b><u>H04W 24/-</u></b>
2018209203	2018244635	2018212812	<b><u>G10L 19/-</u></b>	2017385371	2018208142 2018216424
<b><u>G01N 15/-</u></b>	<b><u>G02B 5/-</u></b>	<b><u>G06K 19/-</u></b>	2018214442	<b><u>H02P 9/-</u></b>	<b><u>H04W 28/-</u></b>
2018209203 2018224006 2018283983	2018212726 2018244635	2018216762 2018233476	<b><u>G10L 25/-</u></b>	2017397532	2017391795 2017405239 2018206592
<b><u>G01N 21/-</u></b>	<b><u>G02C 7/-</u></b>	<b><u>G06K 7/-</u></b>	2018214442	<b><u>H04B 10/-</u></b>	<b><u>H04W 48/-</u></b>
2018209203 2018212009 2018212019 2018216089 2018221899 2018224006	2018227845	2018216762	<b><u>G16C 10/-</u></b>	2018213509	2017394025
<b><u>G01N 23/-</u></b>	<b><u>G02F 1/-</u></b>	<b><u>G06N 5/-</u></b>	2017383347 2018213055	<b><u>H04B 17/-</u></b>	<b><u>H04W 52/-</u></b>
2017383347	2017391778	2017388639	<b><u>G16H 10/-</u></b>	2018226241	2018284487
<b><u>G01N 27/-</u></b>	<b><u>G03B 15/-</u></b>	<b><u>G06N 7/-</u></b>	2017386654	<b><u>H04B 7/-</u></b>	<b><u>H04W 72/-</u></b>
2017392146 2018211384	2018259895	2018213055 2018213296	<b><u>G16H 15/-</u></b>	2018215316 2018226241	2017405239 2018208908 2018208953 2018215316
<b><u>G01N 30/-</u></b>	<b><u>G03B 17/-</u></b>	<b><u>G06Q 10/-</u></b>	2017386654	<b><u>H04L 1/-</u></b>	<b><u>H04W 74/-</u></b>
2018225761	2018259895	2018213296	<b><u>G16H 20/-</u></b>	2017405239	2017394213 2018206117
<b><u>G01N 33/-</u></b>	<b><u>G03B 37/-</u></b>	<b><u>G06Q 30/-</u></b>	2018233474 2018233476 2018233482	<b><u>H04L 27/-</u></b>	<b><u>H04W 76/-</u></b>
2017409024 2018205825 2018206279 2018211966 2018212009 2018213296 2018219226 2018231421	2018259895	2018210560 2018219291	<b><u>G16H 40/-</u></b>	2018215316	2018216158 2018219603 2018222076
<b><u>G01P 3/-</u></b>	<b><u>G05B 13/-</u></b>	<b><u>G06Q 40/-</u></b>	2018233476 2018233482	<b><u>H04L 29/-</u></b>	<b><u>H04W 88/-</u></b>
2018214438	2018213296	2017389212	<b><u>G16H 50/-</u></b>	2018222816	2018215316 2018216158
<b><u>G01R 27/-</u></b>	<b><u>G05D 1/-</u></b>	<b><u>G06Q 50/-</u></b>	2018205280 2018206460 2018213246	<b><u>H04L 5/-</u></b>	<b><u>H05B 1/-</u></b>
2017392146	2017415194 2018210524	2017401384 2018210560 2018212376 2018308956	<b><u>G21C 17/-</u></b>	2018222816	2018225761
<b><u>G01R 33/-</u></b>	<b><u>G05D 21/-</u></b>	<b><u>G06T 7/-</u></b>	2018213296	<b><u>H04L 9/-</u></b>	<b><u>H05B 37/-</u></b>
2018214438	2017383347	2018208816 2018209336 2018221899	<b><u>G21G 1/-</u></b>	2018214800 2018215981 2018216158	2017395528
<b><u>G01S 3/-</u></b>	<b><u>G06F 11/-</u></b>	<b><u>G07G 1/-</u></b>	2018212953	<b><u>H04M 1/-</u></b>	<b><u>H05H 13/-</u></b>
2017410813	2017387129 2017388639	2017399114	<b><u>H01H 1/-</u></b>	2018297798	2018214391
<b><u>G01S 7/-</u></b>	<b><u>G06F 16/-</u></b>	<b><u>G08G 1/-</u></b>	2018217779	<b><u>H04M 3/-</u></b>	<b><u>H05H 7/-</u></b>
2018224365	2018210560 2018213296 2018216823	2017386189	<b><u>H01H 9/-</u></b>	2018217101 2018297798	2018212953
<b><u>G01T 1/-</u></b>	<b><u>G06F 17/-</u></b>	<b><u>G09B 19/-</u></b>	2018217779	<b><u>H04N 21/-</u></b>	<b><u>H05H 9/-</u></b>
2018212019	2017383347 2018236167 2018374073	2017401384	<b><u>H01M 10/-</u></b>	2018230036 2018230039	2018212953
<b><u>G01S 7/-</u></b>	<b><u>G06F 21/-</u></b>	<b><u>G09F 3/-</u></b>	2018218614	<b><u>H04N 5/-</u></b>	
2018224365	2018215981	2018217166	<b><u>H01Q 15/-</u></b>	2018230036 2018230039 2018259895	
<b><u>G01T 1/-</u></b>	<b><u>G06F 3/-</u></b>	<b><u>G09G 5/-</u></b>	2018212726		
2018212019	2017394059 2018216529	2018287567	<b><u>H02J 3/-</u></b>		
			2017385371		

Applications Accepted

Name Index

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(71) 3M Innovative Properties Company  
 (11) AU-B-2016315661  
 (21) 2016315661 (22) 29.08.2016  
 (54) Providing safety related contextual information in a personal protective equipment system  
 (51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
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*B32B 27/08* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
*C08J 5/18* ( 2006.01 )  
*C08J 7/04* ( 2006.01 )  
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*H04B 3/54* ( 2006.01 )  
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 (21) 2019204087 (22) 11.06.2019  
 (54) DATA PROCESSING GRAPH COMPILATION  
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*G06F 9/455* ( 2006.01 )  
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 (21) 2017218936 (22) 21.08.2017  
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 (21) 2017238589 (22) 07.03.2017  
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*C08G 63/06* ( 2006.01 )  
*C07C 51/363* ( 2006.01 )  
*C07C 51/367* ( 2006.01 )  
*C08G 63/78* ( 2006.01 )  
*C12P 7/52* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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     H04M 1/67 ( 2006.01 )  
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     H01M 10/04 ( 2006.01 )  
     H01M 10/0525 ( 2010.01 )  
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**F16M 7/00** ( 2006.01 )  
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 G10L 19/005 ( 2013.01 )  
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 G10L 19/005 ( 2013.01 )  
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 (51) Int. Cl.

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**C08F 2/10** ( 2006.01 )  
**B01D 61/44** ( 2006.01 )  
**B01D 69/10** ( 2006.01 )  
**C08F 220/58** ( 2006.01 )  
**C09D 4/00** ( 2006.01 )  
**C09D 133/14** ( 2006.01 )  
**(87)** WO2016/113518  
**(31)** 1500692.7 **(32)** 16.01.15 **(33)** GB  
**(43)** 21.07.2016  
**(44)** 15.08.2019  
**(72)** Martinez, Elisa Huerta  
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**(51)** Int. Cl.  
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**H05G 2/00** ( 2006.01 )  
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     **E04F 11/032** ( 2006.01 )  
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     **A61P 35/00** ( 2006.01 )  
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     **C07D 215/58** ( 2006.01 )  
     **C07D 279/16** ( 2006.01 )  
     **C07D 311/22** ( 2006.01 )  
     **C07D 401/12** ( 2006.01 )  
     **C07D 413/12** ( 2006.01 )  
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     **H04J 14/00** ( 2006.01 )  
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 (51) Int. Cl.  
     **B29C 65/20** ( 2006.01 )  
     **D01D 5/08** ( 2006.01 )  
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 (54) THERMOPLASTIC RESIN FILM AND PRODUCTION METHOD THERE-OF, IN-MOLD MOLDING LABEL, AND PLASTIC CONTAINER WITH LABEL AND PRODUCTION METHOD THERE-OF  
 (51) Int. Cl.  
**B32B 27/00** ( 2006.01 )  
**B29C 49/24** ( 2006.01 )  
**G09F 3/04** ( 2006.01 )  
**B65D 1/00** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )  
 (87) WO2016/133012  
 (31) 2015-028000 (32) 16.02.15 (33) JP  
 (43) 25.08.2016  
 (44) 15.08.2019  
 (72) Iwase, Yuichi; Honda, Shunsuke; Ueda, Takahiko  
 (74) Collison & Co

(71) Zanotti, M.  
 (11) AU-B-2014233803  
 (21) 2014233803 (22) 19.03.2014  
 (54) A transporting unit for live poultry and handling method using the transporting unit  
 (51) Int. Cl.  
**A01K 45/00** ( 2006.01 )  
 (87) WO2014/147571  
 (31) TO2013A000214 (32) 20.03.13 (33) IT  
 (43) 25.09.2014  
 (44) 15.08.2019  
 (72) Zanotti, Massimo  
 (74) Spruson & Ferguson

(71) Zengar Institute Inc.  
 (11) AU-B-2014357320

(21) 2014357320 (22) 26.11.2014  
 (54) Ultra high impedance sensor with applications in neurosensing  
 (51) Int. Cl.  
**G01R 19/00** ( 2006.01 )  
**A61B 5/04** ( 2006.01 )  
**G01R 23/165** ( 2006.01 )  
**G01R 23/167** ( 2006.01 )  
 (87) WO2015/077886  
 (31) 61/910,033 (32) 27.11.13 (33) US  
 (43) 04.06.2015  
 (44) 15.08.2019  
 (72) MacCallum, Kenneth  
 (74) Davies Collison Cave Pty Ltd

(71) Zimmer, Inc.  
 (11) AU-B-2015358476  
 (21) 2015358476 (22) 03.12.2015  
 (54) Antioxidant-infused ultra high molecular weight polyethylene  
 (51) Int. Cl.  
**C08J 3/12** ( 2006.01 )  
**A61L 27/16** ( 2006.01 )  
 (87) WO2016/090084  
 (31) 62/086,936 (32) 03.12.14 (33) US  
 (43) 09.06.2016  
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 (72) Pletcher, Dirk  
 (74) Phillips Ormonde Fitzpatrick

(71) Zimmer, Inc.  
 (11) AU-B-2017354043  
 (21) 2017354043 (22) 01.11.2017  
 (54) Device for sensing implant location and impingement  
 (51) Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61F 2/32** ( 2006.01 )  
**A61F 2/34** ( 2006.01 )  
**A61F 2/36** ( 2006.01 )  
 (87) WO2018/085417  
 (31) 62/514,257 (32) 02.06.17 (33) US  
 62/416,435 02.11.16 US  
 (43) 11.05.2018  
 (44) 15.08.2019  
 (72) Johannaber, Kenneth D.; Minck Jr., John; Hariri, Rida; Dalbey, Derek  
 (74) Phillips Ormonde Fitzpatrick

(71) Zoetis Canada Inc.  
 (11) AU-B-2015315432  
 (21) 2015315432 (22) 08.09.2015  
 (54) Automated rack unloading apparatus  
 (51) Int. Cl.  
**B65G 1/04** ( 2006.01 )  
 (87) WO2016/040235  
 (31) 62/058,325 (32) 01.10.14 (33) US  
 62/049,043 11.09.14 US  
 (43) 17.03.2016  
 (44) 15.08.2019  
 (72) Poulin, Patrick  
 (74) Davies Collison Cave Pty Ltd

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2013251191	Partydragon Limited	enna, N.; Osborne, H.; Stanton, J.; Maeckelberghe, T.; Holyoake, B.
2013260681	Samsung Electronics Co., Ltd.	DePuy Synthes Products, Inc.
2013305865	Thru Tubing Solutions, Inc.	Koninklijke Douwe Egberts B.V.
2013326980	Sequenom, Inc.	Hemmings, K.
2013334906	Google LLC	Livnat, G.
2013338039	University of Utah Research Foundation	Irrigation & Water Technologies IP Pty Ltd
2013343203	Total SA	Starview International Pte Ltd
2013359398	Cornell University	Continental Accessory Corp.
2013360007	Freiberg, M.	AVK Holding A/S
2013370175	Facebook, Inc.	Kone Corporation
2013388034	OtiTopic Inc.	Heraeus Electro-Nite International N.V.
2013403805	Microsoft Technology Licensing, LLC	Progress Rail Inspection & Information Systems S.r.l.
2013409200	Polyphor AG	Freudenberg Medical, LLC
2014200184	SAMSUNG ELECTRONICS CO., LTD.	Gilbertson, D.
2014200248	SAMSUNG ELECTRONICS CO., LTD.	Sebacia, Inc.
2014200878	The Boeing Company	Siluria Technologies, Inc.
2014200914	Illinois Tool Works Inc.	Synthon Biopharmaceuticals B.V.
2014201856	SAMSUNG ELECTRONICS CO., LTD.	Synthon Biopharmaceuticals B.V.
2014203634	Pannell, T.	AJ Lucas Pty Ltd
2014221300	Alstom Transport Technologies	KM Electronic Developments Pty Ltd
2014226447	Ab Initio Technology LLC	Sensormatic Electronics LLC
2014233803	Zanotti, M.	General Electric Company
2014235629	Western Digital Technologies, Inc.	F. Hoffmann-La Roche AG
2014238267	Amgen Inc.	Research Triangle Institute
2014240260	SAMSUNG ELECTRONICS CO., LTD.	Mustang Sampling, LLC
2014244119	The Johns Hopkins University	PerkinElmer Health Sciences, Inc.
2014248722	Wabtec Holding Corp.	Weir Minerals Australia Ltd
2014253681	Sato Holdings Corporation	Collectis
2014257392	Medtronic Navigation, Inc.	Tendyne Holdings, Inc.
2014264445	Cancer Vaccine Institute	Google LLC
2014265327	Tobira Therapeutics, Inc.	Dai Nippon Printing Co., Ltd.
2014268215	BIOSENSE WEBSTER (ISRAEL) LTD.	Indian Ocean Medical Inc.
2014269193	Broteio Pharma B.V.	Regents of the University of Minnesota
2014273227	Grunenthal GmbH	Methode Electronics, Inc.
2014285115	Satake Corporation	Universita Degli Studi di Genova; L-Nutra Inc.
2014305915	REVA Medical, Inc.; Rutgers, The State University of New Jersey	Electrolux Appliances Aktiebolag
2014308005	Koninklijke Philips N.V.	CleanCarbonConversion Patents AG
2014308735	Facebook, Inc.	Visa International Service Association
2014314537	Société des Produits Nestlé S.A.	X-Rx, Inc.
2014317969	University of Washington Through its Center for Commercialization	Howard Hughes Medical Institute
2014329687	Microsoft Technology Licensing, LLC	Becton, Dickinson and Company
2014330895	EnGeneC Molecular Delivery Pty Ltd	Fike Corporation
2014332598	Designerscope Limited	Bluebird Bio, Inc.
2014340083	Translate Bio, Inc.	CreatiVasc Medical Corporation
2014342318	Kimberly-Clark Worldwide, Inc.; The Board of Trustees of the University of Illinois	Remote Media, LLC
2014342430	Microsoft Technology Licensing, LLC	Hexima Limited
2014342788	Intuit Inc.	Lawrence Livermore National Security, LLC
2014345629	Siegfried AG	Lycera Corporation
2014346305	Bank of Canada	Agalimmune Limited
2014348469	Medtronic, Inc.; Guy's and St Thomas' NHS Foundation Trust	Rohm and Haas Company; Dow Global Technologies LLC
2014348502	Tangible Science, LLC	Eisai R&D Management Co., Ltd.
2014348700	Ivenix, Inc.	B.V. Scheepswerf Damen Gorinchem
2014351320	Jain Irrigation Systems Limited	FFEI Limited
2014354852	Gen9, Inc.	Duracell U.S. Operations, Inc.
2014357320	Zengar Institute Inc.	Sutcliffe, M.; Johnston, G.; MetaLeach Limited; Welham, N.
2014357686	Unitract Syringe Pty Ltd	Schneider Electric (Australia) Pty Limited
2014358700	Wix.com Ltd.	KCI Licensing, Inc.
2014359715	Jura Elektroapparate AG	Pape, L.
2014360585	Senseonics, Incorporated	Cargill, Incorporated
2014363244	SEB S.A.	CommScope Technologies LLC
2014364916	Panduit Corp.	Universite de Lille 2 Droit et Sante; Centre Hospitalier Regional et Universitaire de Lille (CHRU)
2014367362	Millar, G.; Fisher & Paykel Healthcare Limited; Norton, M.; McDermott, G.; Evans, S.; McCauley, D.; McK-	InterDigital VC Holdings, Inc.
		The Regents of the University of California
		OpenTV, Inc.
2014374325		
2014374518		
2014374822		
2014376810		
2014395071		
2014395561		
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2015280291	Safe-T-Shade	2016222867	Transocean Sedco Forex Ventures Limited
2015282422	MMD Design & Consultancy Limited	2016225310	AFYREN
2015286604	AFFIRIS AG	2016231284	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2015289100	Sandoz AG	2016232963	Watschinger, K.; Mayr, P.
2015289462	Qualcomm Incorporated	2016234911	Herzog Railroad Services, Inc.
2015292711	StoneAge, Inc.	2016235533	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2015294420	Qualcomm Incorporated	2016236176	Mastercard International Incorporated
2015296210	Merck Patent GmbH	2016237482	Sekisui Chemical Co., Ltd.
2015300763	University of Florida Research Foundation, Inc.; Sharklet Technologies, Inc.; Insight Innovations, LLC	2016238301	Douglas Scientific, LLC
2015303264	Vorwerk & Co. Interholding GmbH	2016246603	Arthus Biosystems LLC
2015306645	Clopay Plastic Products Company, Inc.	2016247882	IDE Technologies Ltd
2015306681	Bigfoot Biomedical, Inc.	2016263079	Lixte Biotechnology, Inc.
2015306746	Covidien LP	2016264823	Telefonaktiebolaget LM Ericsson (publ)
2015307177	Qualcomm Incorporated	2016269044	Suzhou Autoway System Co., Ltd
2015308270	Gerflor	2016269849	The University of Sydney
2015313847	Lograr Group Limited	2016276028	Apple Inc.
2015314413	S.A. Lhoist Recherche et Developpement	2016277653	Chromatic Industries, Inc.
2015315165	Hydromer, Inc.	2016278522	LG Electronics Inc.
2015315432	Zoetis Canada Inc.	2016278711	Cappellotto S.p.A.
2015318047	Caterpillar Inc.	2016281184	Galin, N.; Galin, A.; Galin, O.; Galin, V.
2015318159	The United States of America, as Represented by The Secretary of Agriculture; Embrapa	2016281957	Novartis AG
2015318272	Oren Technologies, LLC	2016286288	Inventio AG
2015322042	Laitram, L.L.C.	2016293890	Yoo Young Pharm Co., Ltd.
2015323425	VISA International Service Association	2016301387	Carlisle Fluid Technologies, Inc.
2015326555	Tse, K.	2016305695	Crystal Pharmatech Co., Ltd
2015326867	Vodafone IP Licensing Limited	2016312906	Inventio AG
2015328360	Boston Scientific Scimed, Inc.	2016315661	3M Innovative Properties Company
2015329878	Savox Communications Oy AB (Ltd)	2016315666	Netflix, Inc.
2015330841	Quantapore, Inc.	2016318239	Oldcastle Building Products Canada Inc.
2015330925	Edgewell Personal Care Brands, LLC	2016318280	Kao Germany GmbH
2015332483	Edgewell Personal Care Brands, LLC	2016319451	Daikin Industries, Ltd.
2015332727	Philip Morris Products S.A.	2016320715	CPG Technologies, LLC.
2015334997	Amrona AG	2016321171	American Science and Engineering, Inc.
2015337321	Samsung Electronics Co., Ltd.	2016328014	Huawei Technologies Co., Ltd.
2015337845	Cabot, J.	2016330130	Fischer, F.
2015338670	Hishtil Ltd	2016339357	CG Bio Co., Ltd.
2015339165	Graphic Packaging International, LLC	2016339616	Samsung Electronics Co., Ltd.
2015339585	Jurong Shipyard Pte Ltd.	2016340405	Komatsu Ltd.
2015341110	kocher-plastik Maschinenbau GmbH	2016340898	Boehringer Ingelheim Animal Health USA Inc.
2015346627	Mirtech, Inc.	2016343757	YETI Coolers, LLC
2015348408	BASF SE	2016343922	Becton, Dickinson and Company
2015348417	Tape Weaving Sweden AB	2016347908	KBA-NotaSys SA
2015349588	Wenatex Forschung - Entwicklung - Produktion GmbH	2016348649	FMC Kongsberg Subsea AS
2015350513	ConocoPhillips Company; University of Kansas	2016353613	Samsung Electronics Co., Ltd.
2015352203	NuCana plc	2016354859	ABB Schweiz AG
2015355926	Samsung Electronics Co., Ltd.	2016355427	Baker Hughes, a GE Company, LLC
2015358476	Zimmer, Inc.	2016358881	Huawei Technologies Co., Ltd.
2015358899	FPT Industrial S.p.A.	2016359795	Shell Internationale Research Maatschappij B.V.
2015369396	Kuraray Co., Ltd.	2016360842	Outotec (Finland) Oy
2015374480	Avery Dennison Corporation	2016364850	Boston Scientific Neuromodulation Corporation
2015376829	Guangzhou Qing Gu Medical Technology Co., Ltd.	2016368003	EIZO Corporation
2015377810	Fujifilm Manufacturing Europe BV	2016369505	Ecolab USA Inc.
2015379728	SEW-EURODRIVE GmbH & Co. KG	2016370370	ST Reproductive Technologies, LLC
2015384246	Resman AS	2016378200	3M Innovative Properties Company
2015390741	Intertraco (Italia) S.p.A.	2016381245	Shell Internationale Research Maatschappij B.V.
2015413548	Verma, S.	2016386524	Mitsubishi Heavy Industries Engineering, Ltd.
2015418445	Komatsu Ltd.	2016386975	Panasonic Intellectual Property Management Co., Ltd.
2016200428	Tata Consultancy Services Limited	2016389530	Mitsubishi Electric Corporation
2016200736	Steris Europe, Inc. Suomen sivuliike	2016389822	Huawei Technologies Co., Ltd.
2016201392	Betamotor S.p.A.	2016392133	Mitsubishi Electric Corporation
2016202916	Grifols, S.A.	2016393480	Fuji Corporation
2016207988	Idorsia Pharmaceuticals Ltd	2016394625	Mitsubishi Electric Corporation
2016209040	Arconic Inc.	2016399114	Wuhan Wuda Zoyon Science and Technology Co., Ltd
2016210091	Palobiofarma, S.L.	2016401396	China University of Mining and Technology
2016211303	Vaztec Engine Venture, LLC	2016404824	Telefield Medical Imaging Limited
2016211823	Qualcomm Incorporated	2016408458	Mitsubishi Electric Corporation
2016216833	Samsung Electronics Co., Ltd.	2016410613	Colgate-Palmolive Company
2016220173	Qualcomm Incorporated	2016412538	Essity Hygiene and Health Aktiebolag
2016220527	General Electric Company	2016413655	Hewlett-Packard Development Company, L.P.; Purdue Research Foundation
2016220908	Yupo Corporation		

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2016420909	Mitsubishi Electric Corporation	2017254948	Syngenta Participations AG
2017200002	JOUBERT, J.	2017254983	Transmedics, Inc.
2017200032	Pivot Medical, Inc.	2017256464	Yuhan Corporation
2017200549	Thermedical, Inc.	2017257701	Boston Scientific Limited
2017201354	University of Washington through its Center for Commercialization	2017259758	Cinogy GmbH
2017202210	Avant Medical Corp.	2017261514	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017202379	The University Court of the University of Edinburgh; RE-COMBINETICS, INC	2017261594	Apple Inc.
2017203027	HIBM Research Group, Inc.	2017261601	Accenture Global Solutions Limited
2017203043	Professionals for Energy - Environment and Water Solutions Ltd. Co.	2017264468	Von Sobbe, H.
2017203044	Tama Plastic Industry	2017266808	LG Electronics Inc.
2017203083	Precision Planting LLC	2017266883	Instrumentation Laboratory Company
2017203267	W. L. Gore & Associates, Inc.	2017268554	ImmunoGen, Inc.
2017203362	LifeCell Corporation	2017269856	Borealis AG
2017203663	W. L. Gore & Associates, Inc.	2017276343	Sika Technology AG
2017203737	Alpha Technologies Inc.	2017277672	Wing Aviation LLC
2017203805	CHILDREN'S MEDICAL CENTER CORPORATION; Scholar Rock, Inc.	2017278274	Micro Motion, Inc.
2017204101	Sony Corporation	2017279014	Pfizer Inc.
2017204391	Apple Inc.	2017279660	Dow AgroSciences LLC
2017204456	Amyris, Inc.	2017281775	Colgate-Palmolive Company
2017204863	Infastech Intellectual Properties Pte. Ltd.	2017283769	Novartis AG
2017206162	ARRIS Enterprises LLC	2017295491	ThyssenKrupp Marine Systems GmbH; ThyssenKrupp AG
2017206222	CellAegis Devices Inc.	2017301441	Okta, Inc.
2017206279	Berg LLC	2017302459	Cook Medical Technologies LLC
2017206716	Raytheon Company	2017310274	Patent Applied Technology
2017208399	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG	2017312770	Colgate-Palmolive Company
2017210664	Bedford Industries, Inc.	2017314600	LG Electronics Inc.
2017212317	W.L. Gore & Associates, Inc.	2017317004	Bucceri, A.
2017213514	The Trustees of the University of Pennsylvania	2017317423	Terumo Kabushiki Kaisha
2017215222	Graphic Packaging International, LLC	2017333769	International Business Machines Corporation
2017216470	Dolby International AB	2017334989	Terumo Kabushiki Kaisha
2017216556	Beth Israel Deaconess Medical Center, Inc.; Emory University	2017338985	Sugar Creek Packing Co.
2017218936	Accenture Global Services Limited	2017350123	Nippon Steel Nisshin Co., Ltd.
2017221812	Janssen Pharmaceutica NV	2017351140	Daikin Industries, Ltd.
2017223154	Novartis AG	2017354043	Zimmer, Inc.
2017225070	Retrotope, Inc.	2017355428	Robertson Intellectual Properties, LLC
2017225423	S. C. Johnson & Son, Inc.	2017361887	Cureab GmbH
2017228628	Flooring Technologies Ltd.	2017364275	Lancey Energy Storage
2017231020	Goeee Limited	2017366138	South China University of Technology; Guangzhou Huaxinke Intelligent Manufacturing Technology Co., Ltd.
2017231928	Goeee Limited	2017380096	Johnson, P.
2017232109	BROGENT TECHNOLOGIES INC.	2017382915	Basell Polyolefine GmbH
2017233218	Qwave AS	2017382926	Vetco Gray Scandinavia AS
2017234979	Lanxess Deutschland GmbH	2017402092	Komatsu Ltd.
2017236046	GENENTECH, INC.	2018200046	Flow Forward Medical, Inc.
2017238589	ADB Safegate Sweden AB	2018200584	Blast Mask, LLC
2017239526	Astellas Institute for Regenerative Medicine	2018200730	INNOVHEART S.R.L
2017239539	Amazon Technologies, Inc.	2018200901	Becton Dickinson and Company Limited
2017242089	Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg	2018200967	The Regents of the University of California
2017243471	Kureha Corporation	2018201042	Dyson Technology Limited
2017246249	Atlantic Cancer Research Institute	2018201092	Harvest International, Inc.
2017247105	Baker Hughes, a GE Company, LLC	2018201173	Electrolux Appliances Aktiebolag
2017248361	Gates Corporation	2018201246	Covidien LP
2017248463	Hussmann Corporation	2018201283	ResMed Pty Ltd
2017248735	Scott Technologies, Inc.	2018201455	Roquette Freres
2017249228	Illinois Tool Works Inc.	2018201566	Mumedia Photoelectric Limited
2017250609	Matisa Matériel Industriel S.A.	2018201893	SDB IP Holdings, LLC
2017251669	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2018201931	Katholieke Universiteit Leuven, K.U. Leuven R&D; Lysando Aktiengesellschaft
2017251671	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2018201983	Compagnie Generale des Etablissements Michelin; Michelin Recherche et Technique S.A.
2017251683	Allergan, Inc.	2018202985	Angros, L.
2017252704	Nissin Kogyo Co., Ltd.	2018203067	American Greetings Corporation
2017253775	ContiTech Transportbandsysteme GmbH	2018203100	KCI Licensing, Inc.
2017254506	Ping An Technology (Shenzhen) Co., Ltd.	2018203300	Hanmi Pharm. Co., Ltd.
2017254800	Magic Leap, Inc.	2018203340	Markforged, Inc.
2017254907	President and Fellows of Harvard College	2018203583	iRobot Corporation
		2018203694	Norgine BV
		2018203717	TAKRAF GmbH
		2018203980	Corning Optical Communications LLC
		2018204062	H J Fischer LLC

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2018204259 Covidien LP  
2018204327 Siemens Aktiengesellschaft  
2018204349 eBay Inc.  
2018204351 Apple Inc.  
2018204563 NUC Electronics Co., Ltd.  
2018204592 Becton Dickinson France  
2018204713 The Nielsen Company (US), LLC  
2018206694 Dolby Laboratories Licensing Corporation  
2018206853 Société des Produits Nestlé S.A.  
2018213978 King Kages Pty Ltd  
2018214074 Apple Inc.  
2018222935 PPG Packaging Coatings (Suzhou) Co., Ltd  
2018236783 Server Technology, Inc.  
2018247259 Helius Medical, Inc  
2018247349 Doherty, A.  
2018250412 Amazon Technologies, Inc.  
2018250429 CAC Nantong Chemical Co., LTD  
2018253501 Elekta, Inc.  
2018253576 New York Air Brake, LLC  
2018260789 Parsec S.r.L.  
2018264055 LANDA LABS (2012) LTD  
2018267561 THE CHEMOURS COMPANY FC, LLC  
2018268608 Shanghai Parasol Renewable Energy Co., Ltd  
2019200373 Biomet Manufacturing, LLC  
2019200595 Ember Technologies, Inc.  
2019200833 ORLER, A.  
2019203548 Kura Oncology, Inc.  
2019204087 Ab Initio Technology LLC  
2019204810 Alarm.com Incorporated  
2019205972 ServiceNow, Inc.

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2014203634	2017202379 2017203027	2014332598		2016393480	<b><u>A61K 45 /-</u></b>
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2014203634	2017225423	2017248463		2015273227	<b><u>A61K 47 /-</u></b>
<b><u>A01B 35 /-</u></b>	<b><u>A01M 21 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61H 9 /-</u></b>	2014305915 2015205509 2015205574 2016293890 2017256464 2018203694
2014203634	2016269849	2016343757	2014374822 2018201246	2017206222	
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2016269849	2017254983	2017200002	2014257392 2014268215 2014374325 2014374822 2015229708 2015337845 2016339357 2017200032 2017206222 2017257701 2018200730 2018201246 2019200373	2014348700 2016340898 2018200901	<b><u>A61K 48 /-</u></b>
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2018201092	2015315165	2015280291		2013388034 2014264445 2014265327 2015238170 2015240519 2015240774 2015256190 2015257496 2015276256 2015296210 2015352203 2016207988 2016210091 2016263079 2016293890 2016305695 2017206279 2017221812 2017223154 2017225070 2017251683 2017279014 2017283769 2018200967 2018203694 2019203548	<b><u>A61K 8 /-</u></b>
<b><u>A01B 63 /-</u></b>	<b><u>A01N 3 /-</u></b>	<b><u>A47J 27 /-</u></b>			2015274405 2016318280 2016410613 2017281775 2018264055
2018201092	2015346627	2014363244			<b><u>A61K 9 /-</u></b>
<b><u>A01C 5 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A47J 31 /-</u></b>			2013388034 2014273227 2014345629 2016412538 2018203694
2018201092	2015251501	2014308005 2014359715 2014374518			<b><u>A61L 15 /-</u></b>
<b><u>A01D 43 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61B 18 /-</u></b>		2016412538
2016269849	2015349588	2019200595	2014268215 2015306746 2017200549 2018204259		<b><u>A61L 2 /-</u></b>
<b><u>A01F 15 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A47J 43 /-</u></b>			2016200736
2017203044	2015349588	2018204563	<b><u>A61B 5 /-</u></b>	<b><u>A61K 35 /-</u></b>	<b><u>A61L 27 /-</u></b>
<b><u>A01G 2 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A47J 44 /-</u></b>	2014268215 2014357320 2015247346 2016404824 2017206222	2014244119 2017239526 2017242089 2018200967	2015358476
2015338670	2015349588	2015303264			<b><u>A61L 29 /-</u></b>
<b><u>A01G 25 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A47K 13 /-</u></b>		<b><u>A61K 38 /-</u></b>	2017317423
2014395071 2015207669	2015251501 2015318159	2016232963	<b><u>A61B 8 /-</u></b>	2014314537 2014317969 2014330895 2015251501 2017213514 2017239526 2017256464 2018201931	<b><u>A61L 31 /-</u></b>
<b><u>A01G 29 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A47L 13 /-</u></b>	2016404824		2017317423
2014395071	2015251501	2017312770 2018203583	<b><u>A61F 11 /-</u></b>		<b><u>A61L 9 /-</u></b>
<b><u>A01H 1 /-</u></b>	<b><u>A23C 3 /-</u></b>	<b><u>A47L 15 /-</u></b>	2015329878 2018201246		2017225423
2017254948	2017338985	2014332598 2016278522 2017249228	<b><u>A61F 13 /-</u></b>		<b><u>A61M 1 /-</u></b>
<b><u>A01H 5 /-</u></b>	<b><u>A23L 33 /-</u></b>	2016232963	2015269359 2016412538		2017203362 2018200046 2018203100
2017254948	2018206853	2017312770			
<b><u>A01J 5 /-</u></b>	<b><u>A41B 9 /-</u></b>	<b><u>A47L 17 /-</u></b>	<b><u>A61F 2 /-</u></b>		
2016330130	2016412538	2017312770	2014348469 2015229708 2015249561 2015300763 2015337845 2017203267 2017203663 2017354043 2018200730 2018201246 2019200373		
<b><u>A01J 7 /-</u></b>	<b><u>A44B 11 /-</u></b>	<b><u>A47L 25 /-</u></b>			
2016330130	2017248735	2017312770			
<b><u>A01K 11 /-</u></b>	<b><u>A45D 20 /-</u></b>	<b><u>A47L 5 /-</u></b>			
2016370370	2018201042	2017314600			
<b><u>A01K 45 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A47L 9 /-</u></b>			
2014233803	2018201042	2017266808			

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<b><u>A61M 11 /-</u></b>	2017221812	<b><u>A63F 7 /-</u></b>	<b><u>B05B 15 /-</u></b>	2017366138	<b><u>B44C 5 /-</u></b>
2015233157	<b><u>A61P 27 /-</u></b>	2017317004	2015207669	<b><u>B29C 49 /-</u></b>	2017228628
<b><u>A61M 16 /-</u></b>	2017236046	<b><u>A63H 27 /-</u></b>	<b><u>B05B 5 /-</u></b>	2016220908	<b><u>B44F 1 /-</u></b>
2015233157	2017251683	2013251191	2016301387	<b><u>B29C 55 /-</u></b>	2015306645
2014367362	<b><u>A61P 3 /-</u></b>	<b><u>B01D 1 /-</u></b>	<b><u>B05D 5 /-</u></b>	2017212317	<b><u>B60C 23 /-</u></b>
2014376810	2018203300	2016247882	2014348502	<b><u>B29C 59 /-</u></b>	2018201983
2015233157	<b><u>A61P 31 /-</u></b>	<b><u>B01D 21 /-</u></b>	<b><u>B05D 7 /-</u></b>	2015306645	<b><u>B60C 9 /-</u></b>
2018200584	2014265327	2016278711	2016247882	<b><u>B29C 61 /-</u></b>	2017248361
2018201283	2015256190	<b><u>B01D 29 /-</u></b>	2017243471	<b><u>B29C 65 /-</u></b>	<b><u>B60H 3 /-</u></b>
<b><u>A61M 25 /-</u></b>	<b><u>A61P 35 /-</u></b>	2014285115	<b><u>B07B 1 /-</u></b>	2018203340	<b><u>B60K 6 /-</u></b>
2014268215	2014264445	<b><u>B01D 33 /-</u></b>	2016401396	<b><u>B29C 70 /-</u></b>	2017402092
2015203608	2014330895	2015261833	2016247882	2015348417	<b><u>B60R 1 /-</u></b>
2016343922	2015238170	<b><u>B01D 53 /-</u></b>	<b><u>B08B 7 /-</u></b>	<b><u>B29D 7 /-</u></b>	2016340405
2017200549	2015256190	2015217098	2016247882	2017212317	<b><u>B60R 11 /-</u></b>
2017257701	2015257496	2016386524	<b><u>B21D 39 /-</u></b>	<b><u>B32B 21 /-</u></b>	2016340405
2017302459	2015259237	<b><u>B01D 61 /-</u></b>	2015390741	2017228628	2017200002
<b><u>A61M 35 /-</u></b>	2015352203	2015377810	<b><u>B23K 103 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60R 15 /-</u></b>
2016340898	2017268554	2016369505	2017350123	2015369396	2017200002
2016412538	2017279014	<b><u>B01D 65 /-</u></b>	<b><u>B23K 9 /-</u></b>	2015374480	<b><u>B60R 22 /-</u></b>
<b><u>A61M 37 /-</u></b>	2017283769	2016369505	2017350123	2016220908	2017232109
2015249561	2019203548	<b><u>B01D 67 /-</u></b>	<b><u>B25B 23 /-</u></b>	2016378200	<b><u>B60R 25 /-</u></b>
2017200549	<b><u>A61P 37 /-</u></b>	2017212317	2017204863	2017243471	<b><u>B60R 25 /-</u></b>
<b><u>A61M 39 /-</u></b>	2014264445	<b><u>B01D 69 /-</u></b>	<b><u>B25B 7 /-</u></b>	<b><u>B32B 3 /-</u></b>	2016201392
2016343922	2015256190	2015377810	2014200914	2015348417	<b><u>B60R 99 /-</u></b>
<b><u>A61M 5 /-</u></b>	2016207988	2017212317	<b><u>B25J 11 /-</u></b>	2017203044	2017200002
2014238267	2017216556	<b><u>B01D 71 /-</u></b>	2017266808	<b><u>B32B 5 /-</u></b>	<b><u>B60T 17 /-</u></b>
2014348700	2018200967	2017212317	<b><u>B01F 17 /-</u></b>	2015348417	2018253576
2014357686	<b><u>A61P 9 /-</u></b>	<b><u>B01D 77 /-</u></b>	2015348408	2015374480	<b><u>B60T 8 /-</u></b>
2015247346	2017239526	<b><u>B01J 8 /-</u></b>	<b><u>B01J 8 /-</u></b>	2015374480	2017252704
2015249561	2017283769	2017295491	<b><u>B25J 9 /-</u></b>	<b><u>B41F 16 /-</u></b>	<b><u>B61L 15 /-</u></b>
2015306681	<b><u>A61Q 11 /-</u></b>	<b><u>B02C 4 /-</u></b>	2017266808	2016347908	2014248722
2017202210	2015377810	2015282422	<b><u>B26B 21 /-</u></b>	<b><u>B41F 19 /-</u></b>	<b><u>B61L 23 /-</u></b>
2017257701	2017212317	2017208399	2015330925	2016347908	2014221300
2017334989	<b><u>B01D 69 /-</u></b>	<b><u>B03C 3 /-</u></b>	2015332483	<b><u>B42D 15 /-</u></b>	<b><u>B61L 29 /-</u></b>
2018204592	2015377810	2017201354	<b><u>B27N 7 /-</u></b>	2018203067	2015202515
<b><u>A61N 1 /-</u></b>	2017212317	<b><u>B04B 7 /-</u></b>	2017228628	<b><u>B42D 25 /-</u></b>	<b><u>B62H 5 /-</u></b>
2016364850	<b><u>A61Q 17 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B29B 15 /-</u></b>	2014346305	2016201392
2017259758	2018264055	2015207669	<b><u>B29C 43 /-</u></b>	<b><u>B44C 1 /-</u></b>	2017380096
2018247259	<b><u>A61Q 5 /-</u></b>	<b><u>B01J 8 /-</u></b>	2015306645	2015306645	<b><u>B63B 21 /-</u></b>
<b><u>A61N 5 /-</u></b>	2016318280	2017295491			
2017246249	<b><u>A62B 18 /-</u></b>	<b><u>B02C 4 /-</u></b>			
<b><u>A61P 1 /-</u></b>	2017248735	2015282422			
2017223154	<b><u>A62C 99 /-</u></b>	2017208399			
2018203694	2015334997	<b><u>B03C 3 /-</u></b>			
<b><u>A61P 11 /-</u></b>	<b><u>A62D 1 /-</u></b>	2017201354			
2016305695	2018267561	<b><u>B04B 7 /-</u></b>			
<b><u>A61P 19 /-</u></b>	<b><u>A63B 69 /-</u></b>	2015221427			
2017239526	2013360007	<b><u>B05B 12 /-</u></b>			
<b><u>A61P 25 /-</u></b>	<b><u>A63B 71 /-</u></b>	2015207669			
2015276256	2017317004				
2015296210					

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2015339585	<b><u>B65D 73 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C07D 221 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C08F 2 /-</u></b>
<b><u>B63B 22 /-</u></b>	2017210664	2015261833	2015240519	2017279014	2015258255
2015339585	<b><u>B65D 75 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 495 /-</u></b>	2015377810
<b><u>B63B 35 /-</u></b>	2015332727	2016278711	2016210091	2016246603	2017382915
2015339585	2017312770	<b><u>C02F 9 /-</u></b>	<b><u>C07D 239 /-</u></b>	<b><u>C07D 513 /-</u></b>	<b><u>C08F 220 /-</u></b>
<b><u>B63B 39 /-</u></b>	<b><u>B65D 81 /-</u></b>	2016278711	2017279014	2017283769	2015377810
2015339585	2015232363	<b><u>C04B 2 /-</u></b>	2018250429	<b><u>C07D 519 /-</u></b>	2017317423
2015339585	2016343757	2015314413	<b><u>C07D 251 /-</u></b>	2017268554	<b><u>C08F 8 /-</u></b>
<b><u>B63G 8 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C04B 28 /-</u></b>	2017279014	2017279014	2017269856
2017278274	2015332727	2015314413	<b><u>C07D 265 /-</u></b>	2017283769	<b><u>C08G 63 /-</u></b>
2019200833	2019200833	2015314413	<b><u>C07D 265 /-</u></b>	<b><u>C07H 15 /-</u></b>	2016225310
<b><u>B63J 4 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C04B 40 /-</u></b>	2015256190	2014317969	<b><u>C08J 11 /-</u></b>
2015261833	2015315432	2015314413	<b><u>C07D 279 /-</u></b>	<b><u>C07H 19 /-</u></b>	2017269856
<b><u>B64D 1 /-</u></b>	<b><u>B65G 39 /-</u></b>	<b><u>C07C 2 /-</u></b>	2015256190	2015352203	<b><u>C08J 3 /-</u></b>
2017277672	2018203717	2015204709	<b><u>C07D 307 /-</u></b>	<b><u>C07H 21 /-</u></b>	2015358476
<b><u>B64F 1 /-</u></b>	<b><u>B65G 43 /-</u></b>	<b><u>C07C 21 /-</u></b>	2016263079	2016235533	<b><u>C08J 5 /-</u></b>
2017238589	2017253775	2018267561	<b><u>C07D 311 /-</u></b>	2017213514	2015374480
<b><u>B65B 11 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C07C 211 /-</u></b>	2015240774	<b><u>C07J 17 /-</u></b>	2016378200
2017203044	2015318272	2015276256	2015256190	2016246603	2017212317
<b><u>B65D 1 /-</u></b>	2015322042	<b><u>C07C 233 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07K 1 /-</u></b>	2016378200
2015232363	<b><u>B65G 59 /-</u></b>	2015276256	2015256190	2015289100	2017212317
2015341110	2017203083	<b><u>C07C 235 /-</u></b>	2017283769	<b><u>C07K 14 /-</u></b>	<b><u>C08J 9 /-</u></b>
2016220908	<b><u>B66B 1 /-</u></b>	2015276256	<b><u>C07D 403 /-</u></b>	2013409200	2018267561
2016340898	2014414389	2015276256	2017221812	2015215001	<b><u>C08K 5 /-</u></b>
<b><u>B65D 19 /-</u></b>	<b><u>B66B 15 /-</u></b>	<b><u>C07C 237 /-</u></b>	2017283769	2015228844	2015374480
2015318272	2016312906	2015276256	<b><u>C07D 405 /-</u></b>	2015235852	2017269856
<b><u>B65D 21 /-</u></b>	<b><u>B66B 5 /-</u></b>	<b><u>C07C 255 /-</u></b>	2015259237	2015249390	2015251501
2015318272	2016286288	2015276256	2016305695	2015286604	<b><u>C08L 23 /-</u></b>
<b><u>B65D 23 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07C 275 /-</u></b>	<b><u>C07D 413 /-</u></b>	2015289100	2017269856
2017210664	2015204565	2017251683	2015256190	2017213514	<b><u>C08L 3 /-</u></b>
<b><u>B65D 25 /-</u></b>	<b><u>B82Y 20 /-</u></b>	<b><u>C07C 311 /-</u></b>	<b><u>C07D 417 /-</u></b>	2017254907	2018201455
2018204592	2014346305	2015276256	2015256190	2017256464	<b><u>C08L 33 /-</u></b>
2018222935	<b><u>C01B 3 /-</u></b>	<b><u>C07C 50 /-</u></b>	2016207988	2018201931	2017243471
<b><u>B65D 5 /-</u></b>	2017295491	2017206279	2016210091	2018203300	<b><u>C08L 71 /-</u></b>
2015339165	<b><u>C01F 11 /-</u></b>	<b><u>C07C 51 /-</u></b>	<b><u>C07D 471 /-</u></b>	2014269193	2015374480
2017215222	2015314413	2016225310	2015296210	2015215001	2015374480
<b><u>B65D 65 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 209 /-</u></b>	2017283769	2015249390	<b><u>C09B 57 /-</u></b>
2015369396	2014285115	2015240519	<b><u>C07D 473 /-</u></b>	2016281957	2015240774
2016220908	2015261833	2015276256	2016246603	2017216556	<b><u>C09C 1 /-</u></b>
2017203044	2016278711	<b><u>C07D 215 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017236046	2017234979
2017243471	2016369505	2015256190	2017268554	2017361887	<b><u>C09D 103 /-</u></b>
2019200833	2018202985		2017279014	<b><u>C07K 19 /-</u></b>	2018201455
<b><u>B65D 71 /-</u></b>			2017283769	2015215001	
2015339165				2018201931	
2017203044				<b><u>C08F 110 /-</u></b>	
				2017382915	

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<b>C09D 129 /-</b>	<b>C12G 1 /-</b>	2017279660	2016318239	2016401396	2017382926
2015374480	2018260789	<b>C40B 50 /-</b>	<b>E04F 15 /-</b>	<b>E21F 1 /-</b>	<b>F16F 9 /-</b>
<b>C09D 133 /-</b>	<b>C12M 1 /-</b>	2014354852	2015308270	2015204426	2017382926
2015377810	2014285115 2016238301	<b>D01D 5 /-</b>	<b>E04G 23 /-</b>	<b>E21F 15 /-</b>	<b>F16G 11 /-</b>
<b>C09D 165 /-</b>	<b>C12N 1 /-</b>	2018203340	2017276343	2016401396	2017248735
2017212317	2018201931	<b>D01F 9 /-</b>	<b>E04H 1 /-</b>	<b>E21F 7 /-</b>	<b>F16K 1 /-</b>
<b>C09D 167 /-</b>	<b>C12N 15 /-</b>	2017248361	2018213978	2015205856	2016277653
2018222935	2015249390	<b>D04H 13 /-</b>	<b>E05B 65 /-</b>	<b>F01C 1 /-</b>	<b>F16K 13 /-</b>
<b>C09D 17 /-</b>	2016235533	2015348417	2018213978	2016281184	2014342318
2017234979	2017202379 2017203027 2017204456	<b>D06F 39 /-</b>	<b>E05B 73 /-</b>	<b>F01C 17 /-</b>	<b>F16K 15 /-</b>
<b>C09D 4 /-</b>	<b>C12N 5 /-</b>	2014332598	2015209627	2016281184	2014342318
2015377810	2014244119	<b>D07B 1 /-</b>	<b>E05F 1 /-</b>	<b>F01C 20 /-</b>	<b>F16K 17 /-</b>
<b>C09D 5 /-</b>	2015228844	2017248361	2015239924	2016281184	2015247400
2015258255	2015249390	<b>E01B 27 /-</b>	<b>E06B 9 /-</b>	<b>F01K 23 /-</b>	<b>F16K 3 /-</b>
2017310274	2017202379 2017203027 2017239526 2017254948	2016234911	2015280291	2015413548	2013305865
<b>C09K 11 /-</b>	2017279660 2018200967	<b>E01B 29 /-</b>	<b>E21B 17 /-</b>	<b>F01K 7 /-</b>	<b>F16K 37 /-</b>
2016220527		2017250609	2017247105 2017355428	2015413548	2014412363
2017310274	<b>C12N 9 /-</b>	<b>E01F 9 /-</b>	<b>E21B 23 /-</b>	<b>F01L 7 /-</b>	<b>F16K 5 /-</b>
<b>C09K 3 /-</b>	2018201931	2017310274	2013305865 2016381245 2017355428	2016211303	2016211303
2018267561	<b>C12P 7 /-</b>	<b>E02B 17 /-</b>	<b>F01N 3 /-</b>	<b>F01N 3 /-</b>	<b>F16L 19 /-</b>
<b>C09K 5 /-</b>	2016225310	2017382926	<b>E21B 27 /-</b>	2015358899	2018201893
2018267561	<b>C12Q 1 /-</b>	<b>E02D 31 /-</b>	2015384246	<b>F01N 9 /-</b>	<b>F16L 23 /-</b>
<b>C09K 8 /-</b>	2013326980 2014317969 2015330841 2017254948	2018247349	<b>E21B 28 /-</b>	2015358899	2018204062
2015348408		<b>E02F 3 /-</b>	2017233218	<b>F02B 53 /-</b>	<b>F16L 27 /-</b>
2015350513	<b>C22B 15 /-</b>	2014203634	<b>E21B 34 /-</b>	2016281184	2015233157
<b>C10B 1 /-</b>	2015268083	<b>E02F 5 /-</b>	2013305865	<b>F02D 41 /-</b>	<b>F16L 35 /-</b>
2015239993	<b>C22B 3 /-</b>	2016340405	<b>E21B 43 /-</b>	2015358899	2016343922
<b>C10B 47 /-</b>	2015268083	<b>E02F 9 /-</b>	2015205856 2015348408 2015350513 2017233218 2017247105 2018247349	<b>F02M 25 /-</b>	<b>F16L 37 /-</b>
2015239993	<b>C22B 47 /-</b>	2016340405	<b>E21B 47 /-</b>	2017278274	2018201893
<b>C10G 1 /-</b>	2016360842	<b>E03B 9 /-</b>	2015384246 2016222867 2016355427 2016381245	<b>F03B 13 /-</b>	<b>F16L 51 /-</b>
2015348408	<b>C22B 7 /-</b>	2014412363	<b>E03F 7 /-</b>	2015326555	2015239993
2015350513	2015268083	<b>E03F 7 /-</b>	2016278711	<b>F04B 49 /-</b>	<b>F16L 55 /-</b>
<b>C10B 1 /-</b>	<b>C22C 18 /-</b>	2016278711	2015384246 2016222867 2016355427 2016381245	2016348649	2015204426
2015239993	2017350123	<b>E04B 1 /-</b>	<b>F16B 39 /-</b>	<b>F16B 39 /-</b>	<b>F16M 7 /-</b>
<b>C10B 47 /-</b>	<b>C22C 21 /-</b>	2018213978	2018201893	2018201893	2014332598
2015239993	2016209040	<b>E04F 11 /-</b>	<b>E21B 7 /-</b>	<b>F16C 25 /-</b>	<b>F21S 10 /-</b>
<b>C10G 1 /-</b>	<b>C40B 40 /-</b>	2015313847	2017233218	2018201092	2018201566
2016359795	2014354852	<b>E04F 13 /-</b>	<b>E21C 41 /-</b>	<b>F16F 5 /-</b>	<b>F21V 23 /-</b>
<b>C10G 15 /-</b>					
2017203043					
<b>C10G 3 /-</b>					
2016359795					
<b>C10G 45 /-</b>					
2016359795					
<b>C10J 3 /-</b>					
2015239993					

Applications Accepted - IPC Index cont'd

2018201566	2015292711	2016321171	2014200878	2015240515	2017251669
<b>F23G 5 /-</b>	<b>F28G 15 /-</b>	<b>G01P 3 /-</b>	2017254506	2016236176	2017251671
				2018204349	<b>G10L 21 /-</b>
2015239993	2015292711	2015235980	<b>G06F 17 /-</b>	<b>G06Q 50 /-</b>	
<b>F24C 15 /-</b>	<b>G01B 11 /-</b>	<b>G01R 19 /-</b>	2013370175		2016231284
			2014200878	2013370175	2017261514
2015239924	2016399114	2014357320	2014358700	2014308735	
<b>F24F 11 /-</b>	2018268608	2014364916	<b>G06F 21 /-</b>	<b>G06T 5 /-</b>	<b>G10L 25 /-</b>
	<b>G01C 21 /-</b>	<b>G01R 23 /-</b>			2017251669
2016392133		2017301441		2016368003	2017251671
2017351140	2015418445	2019205972	<b>G06F 3 /-</b>	2018206694	<b>G11B 27 /-</b>
<b>F24F 13 /-</b>	2017261594			<b>G06T 7 /-</b>	
	<b>G01D 5 /-</b>	<b>G01R 31 /-</b>			2014342430
2015204426		2014221300	2014200184	2013343203	2016315666
2016319451	2015235980	2014364916	2014201856	2016399114	<b>G16B 20 /-</b>
2016420909			2014226447	2016404824	
<b>F24F 7 /-</b>	<b>G01F 1 /-</b>	<b>G01S 11 /-</b>	2014329687	2018253501	2013326980
			2016276028		
2015204426	2017278274	2016320715	2018204351	<b>G07G 1 /-</b>	<b>G16H 10 /-</b>
<b>F24H 3 /-</b>	<b>G01J 5 /-</b>	<b>G01S 13 /-</b>	2018206694	2015209627	
			2018214074		2016364850
2017364275	2015202171	2015202515	<b>G06F 7 /-</b>	<b>G07G 3 /-</b>	<b>H01F 27 /-</b>
<b>F25B 13 /-</b>	<b>G01K 1 /-</b>	<b>G01S 5 /-</b>	2014240260	2015209627	
			2017239539	<b>G08B 13 /-</b>	2017203737
2017351140	2015202171	2015307177	2017333769		<b>H01F 41 /-</b>
<b>F25B 39 /-</b>	<b>G01L 13 /-</b>	2016320715	<b>G06F 9 /-</b>	2015209627	
		<b>G02B 21 /-</b>			2014257392
2016408458	2014351320	2015263108	2014201856	<b>G08B 19 /-</b>	<b>H01F 5 /-</b>
<b>F25B 41 /-</b>	<b>G01L 3 /-</b>		2015229732	2019204810	
		<b>G02B 26 /-</b>	2016315661		2014257392
2016408458	2015235980	2014346305	2017218936	<b>G08B 23 /-</b>	<b>H01G 11 /-</b>
2017351140	<b>G01M 3 /-</b>		2019204087	2014360585	2015277264
<b>F25B 49 /-</b>		<b>G02B 6 /-</b>	<b>G06K 17 /-</b>	<b>G08C 19 /-</b>	<b>H01J 49 /-</b>
	2014351320	2018203980	2014253681	2014221300	2015218336
2017351140	<b>G01N 1 /-</b>	<b>G02C 7 /-</b>	<b>G06K 19 /-</b>	<b>G08G 1 /-</b>	
<b>F25C 1 /-</b>					<b>H01L 31 /-</b>
2016339616	2014285115	2014348502	2015240515	2015418445	2016269044
<b>F25C 5 /-</b>	2014374822	<b>G05B 23 /-</b>	2018201983		
	2015217248		<b>G06K 7 /-</b>	<b>G08G 5 /-</b>	<b>H01L 51 /-</b>
2016339616	<b>G01N 21 /-</b>	2017264468	2014200248	2017238589	2016237482
<b>F25D 11 /-</b>		<b>G05D 1 /-</b>	<b>G06K 9 /-</b>	<b>G09B 29 /-</b>	<b>H01M 10 /-</b>
	2016238301				
2016339616	2017266883	2015418445	2013343203	2015418445	2015267390
<b>F25D 21 /-</b>	<b>G01N 23 /-</b>	<b>G05D 23 /-</b>	2013403805	<b>G09F 3 /-</b>	2017204391
			2015240515		
2017248463	2016321171	2016200428	2017261601	2016220908	<b>H01M 12 /-</b>
<b>F25D 23 /-</b>	<b>G01N 33 /-</b>	<b>G06F 1 /-</b>	<b>G06N 99 /-</b>	2017210664	
				<b>G09F 9 /-</b>	<b>H01M 2 /-</b>
2016389530	2013338039	2013334906	2015318047		
<b>F28F 19 /-</b>	2013359398	<b>G06F 12 /-</b>	<b>G06Q 10 /-</b>	2014346305	2017204391
	2016202916			<b>G09G 5 /-</b>	<b>H01M 4 /-</b>
2016247882	2016238301	2014235629	2019205972		
<b>F28F 9 /-</b>	2016321171	<b>G06F 13 /-</b>	<b>G06Q 20 /-</b>	2016264823	2015277264
	2017254907			2018206694	
2016408458	2017266883	2013260681	2015323425	<b>G10L 19 /-</b>	<b>H01P 1 /-</b>
<b>F28G 1 /-</b>	<b>G01N 35 /-</b>	<b>G06F 16 /-</b>	2016216833	2016231284	2017206716
			2016236176	2017216470	
	<b>G01N 9 /-</b>		<b>G06Q 30 /-</b>		
		2013403805			

Applications Accepted - IPC Index cont'd

<b><u>H01P 3 /-</u></b>		<b><u>H04W 16 /-</u></b>	<b><u>H05K 9 /-</u></b>
2016320715	<b><u>H04L 1 /-</u></b>	2016220173	2014405615
<b><u>H01Q 1 /-</u></b>	2016211823	<b><u>H04W 24 /-</u></b>	
2016328014	<b><u>H04L 12 /-</u></b>	2015294420	
2016353613	2015249674	<b><u>H04W 28 /-</u></b>	
<b><u>H01Q 5 /-</u></b>	2015268688	2016389822	
2016353613	2018250412	<b><u>H04W 4 /-</u></b>	
<b><u>H01Q 9 /-</u></b>	<b><u>H04L 25 /-</u></b>	2015323425	
2016353613	2016358881	2015326867	
<b><u>H01R 25 /-</u></b>	<b><u>H04L 27 /-</u></b>	2015355926	
2018236783	2016358881	2016216833	
<b><u>H02B 1 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2018236783	2015274511	2015326867	
<b><u>H02H 7 /-</u></b>	2015276544	<b><u>H04W 74 /-</u></b>	
2016394625	2016315661	2016220173	
<b><u>H02J 13 /-</u></b>	2017301441	<b><u>H04W 84 /-</u></b>	
2018204327	2018204713	2016358881	
<b><u>H02J 3 /-</u></b>	2018250412	<b><u>H04W 88 /-</u></b>	
2018204327	<b><u>H04L 5 /-</u></b>	2015355926	
<b><u>H02J 7 /-</u></b>	2015289462	<b><u>H04W 99 /-</u></b>	
2015267390	<b><u>H04L 9 /-</u></b>	2014200248	
<b><u>H02J 9 /-</u></b>	2014342788	<b><u>H05B 3 /-</u></b>	
2017203737	<b><u>H04M 1 /-</u></b>	2017364275	
<b><u>H02M 3 /-</u></b>	2016276028	<b><u>H05B 33 /-</u></b>	
2016394625	2016353613	2017231020	
<b><u>H02M 7 /-</u></b>	<b><u>H04N 1 /-</u></b>	<b><u>H05B 37 /-</u></b>	
2016354859	2016264823	2015211306	
2016386975	<b><u>H04N 21 /-</u></b>	2017231020	
2016394625	2014201856	2017231928	
<b><u>H04B 10 /-</u></b>	2015337321	2018201566	
2014395561	2016315666	<b><u>H05B 6 /-</u></b>	
2017206162	2017204101	2017246249	
<b><u>H04B 3 /-</u></b>	<b><u>H04N 5 /-</u></b>	2018201173	
2016354859	2016315666	<b><u>H05G 2 /-</u></b>	
<b><u>H04B 5 /-</u></b>	<b><u>H04N 7 /-</u></b>	2015255872	
2014253681	2015277507	<b><u>H05H 1 /-</u></b>	
2016320715	<b><u>H04R 1 /-</u></b>	2015376829	
<b><u>H04B 7 /-</u></b>	2015329878	2017259758	
2015274511	<b><u>H04W 12 /-</u></b>	<b><u>H05K 1 /-</u></b>	
<b><u>H04J 14 /-</u></b>	2015323425	2015379728	
2017254800	2015355926	<b><u>H05K 7 /-</u></b>	
		2015379728	
		2016200428	

**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) Apple Inc.  
 (11) AU-B-2018101855  
 (21) 2018101855 (22) 29.11.2018  
 (54) Activity and workout updates  
 (51) Int. Cl.  
     *G06F 3/0488* ( 2013.01 )  
     *A63B 71/00* ( 2006.01 )  
 (45) 15.08.2019  
 (62) 2018100158  
 (72) WILLIAMS, Aled Hywel; GRAHAM,  
     David Chance; WILSON, Christopher  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-B-2019100453  
 (21) 2019100453 (22) 29.04.2019  
 (54) Optical image stabilization with voice  
     coil motor for moving image sensor  
 (51) Int. Cl.  
     *G02B 7/08* ( 2006.01 )  
     *G02B 27/64* ( 2006.01 )  
     *G03B 5/00* ( 2006.01 )  
 (45) 15.08.2019  
 (62) 2018101333  
 (72) BRODIE, Douglas S.; MILLER, Scott  
     W.; HUBERT, Aurelien R.; SHARMA,  
     Shashank; YANG, Qiang  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-B-2019100525  
 (21) 2019100525 (22) 15.05.2019  
 (54) Voice communication method  
 (51) Int. Cl.  
     *G06F 3/0488* ( 2013.01 )  
     *G06F 1/16* ( 2006.01 )  
     *G06F 3/0362* ( 2013.01 )  
     *G06F 3/0481* ( 2013.01 )  
     *H04L 29/06* ( 2006.01 )  
     *H04M 1/2745* ( 2006.01 )  
     *H04M 1/56* ( 2006.01 )  
     *H04M 1/57* ( 2006.01 )  
     *H04M 1/725* ( 2006.01 )  
 (45) 15.08.2019  
 (62) PCT/US2018/033051  
 (72) JON, Tiffany S.; ANZURES, Freddy  
     Allen; LEMAY, Stephen O.; SUND-  
     STROM, Matthew J.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Aus Chairs Pty Ltd  
 (11) AU-B-2018101579  
 (21) 2018101579 (22) 22.10.2018  
 (54) Reinforcing Spacer  
 (51) Int. Cl.  
     *E04C 5/20* ( 2006.01 )  
 (45) 15.08.2019  
 (62) 2018206763  
 (72) Rajkovic, Bodin; Iaconis, Francesco  
 (74) MEYER WEST IP PTY LTD

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(71) PFL Spaces Pty Ltd  
 (11) AU-B-2016101426  
 (21) 2016101426 (22) 09.08.2016  
 (54) A LOCKER ASSEMBLY  
 (51) Int. Cl.  
     *A47B 96/16* ( 2006.01 )  
 (45) 15.08.2019  
 (72) Sires, Justin Louis; Downes, Anthony  
     Martin; Rossiter, Mark Anthony  
 (74) BOSH IP Pty Ltd

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(71) SKINPROTECT CORPORATION SDN  
     BHD  
 (11) AU-B-2019100151  
 (21) 2019100151 (22) 13.02.2019  
 (54) Elastomeric gloves and methods for  
     their production  
 (51) Int. Cl.  
     *A61B 42/10* ( 2016.01 )  
     *A41D 19/015* ( 2006.01 )  
     *C08L 13/02* ( 2006.01 )  
 (45) 15.08.2019  
 (62) 2018204560  
 (72) FOO, KHON PU; PRABHAKARAN, KU-  
     MARESAN  
 (74) Griffith Hack

**Numerical Index**

**2016101426** PFL Spaces Pty Ltd  
**2018101579** Aus Chairs Pty Ltd  
**2018101855** Apple Inc.  
**2019100151** SKINPROTECT CORPORATION SDN BHD  
**2019100453** Apple Inc.  
**2019100525** Apple Inc.

**IPC Index**

**A41D 19 /-**

2019100151

**A47B 96 /-**

2016101426

**A61B 42 /-**

2019100151

**A63B 71 /-**

2018101855

**C08L 13 /-**

2019100151

**E04C 5 /-**

2018101579

**G02B 27 /-**

2019100453

**G02B 7 /-**

2019100453

**G03B 5 /-**

2019100453

**G06F 1 /-**

2019100525

**G06F 3 /-**

2018101855

2019100525

**H04L 29 /-**

2019100525

**H04M 1 /-**

2019100525

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2016226812 **JFE Galvanizing & Coating Co., Ltd.; JFE Steel Corporation** ( BLUESCOPE STEEL LIMITED )

**Opposition Withdrawn - Proceed to Grant**

2016385890 **IMI Hydronic Engineering International SA** ( Alfa Laval Corporate AB )

**Patents Granted**

**Innovation Patents**

2014101655	2019100662	2019100698	2019100716
2019100717	2019100724	2019100734	2019100735
2019100737	2019100738	2019100739	2019100740
2019100741	2019100744	2019100746	2019100747
2019100748	2019100750	2019100752	2019100757
2019100758	2019100759	2019100760	2019100761
2019100762	2019100763	2019100764	2019100765
2019100766	2019100767	2019100769	2019100770
2019100771	2019100774	2019100777	2019100778
2019100779	2019100780	2019100781	

**Assignments Registered**

2002042444 Tyco Electronics Services GmbH The patent has been assigned to **CommScope Technologies LLC**.

2005202403 Waste Equipment Pty Ltd The patent has been assigned to **Clean Valley Pty Limited**

2006235810 BlackBerry Limited The patent has been assigned to **3G Licensing S.A.**

2006241314 Tyco Electronics Services GmbH The patent has been assigned to **CommScope Technologies LLC**.

2006314066 Yissum Research Development Company of the Hebrew University of Jerusalem The patent has been assigned to **BriefCam, Ltd.**

2007221785 BlackBerry Limited The patent has been assigned to **3G Licensing S.A.**

2007264783 Ollis, William; Chadwick, David The patent has been assigned to **Product Licensing Company Limited**

2007295116 Pap Limited The patent has been assigned to **Patent Agencies Limited**

2009209209 RealD LUXE, LLC The patent has been assigned to **RealD Inc.**

2010203367 Pfizer Italia S.r.l. The patent has been assigned to **Pfizer Consumer Healthcare Italy S.r.l**

2010215960 perQflo, LLC The patent has been assigned to **Medtronic Minimed, Inc.**

2010244976 Pendawell (2017) Limited The patent has been assigned to **Wildon, Michael; Paterson, Alexander**

2010250125 AMERICAN GREEN TECHNOLOGY, INC. The patent has been assigned to **MEDICAL ILLUMINATION INTERNATIONAL INC.**

**Assignments Registered**

2010257363 BlackBerry Limited The patent has been assigned to **3G Licensing S.A.**

2010263184 Dow AgroSciences, LLC The patent has been assigned to **Dow Global Technologies LLC**

2011305316 Perqflo, LLC The patent has been assigned to **Medtronic Minimed, Inc.**

2011346959 Axens; Total Raffinage Marketing The patent has been assigned to **Axens**

2011347041 Axens; Total Raffinage Marketing The patent has been assigned to **Axens**

2011347042 Axens; Total Raffinage Marketing The patent has been assigned to **Axens**

2012268669 Dow AgroSciences, LLC The patent has been assigned to **Dow Global Technologies LLC**

2014101603 Reckitt Benckiser (Brands) Limited The patent has been assigned to **Reckitt Benckiser Health Limited**

2014232508 iCeutica Inc. The patent has been assigned to **Sun Pharma Global FZE**

2014235607 Hydronovation, Inc.; Evoqua Water Technologies, LLC The patent has been assigned to **EVOQUA WATER TECHNOLOGIES PTE. LTD.; Hydronovation, Inc.**

2014287863 Pap Limited The patent has been assigned to **Patent Agencies Limited**

2014315280 Ralexar Therapeutics, Inc. The patent has been assigned to **Ellora Therapeutics, Inc.**

2015201858 Perqflo, LLC The patent has been assigned to **Medtronic Minimed, Inc.**

2015217239 RealD LUXE, LLC The patent has been assigned to **RealD Inc.**

2015224445 Dow AgroSciences, LLC The patent has been assigned to **Dow Global Technologies LLC**

2015335600 Singh Biotechnology, LLC The patent has been assigned to **Singh Molecular Medicine, LLC**

2015349641 Johnson, Richard; Hamacher, Guido; Hines, Braden; Neff, Russ The patent has been assigned to **Planet A Energy Inc.**

2017101088 Deep Exploration Technologies CRC Limited The patent has been assigned to **MINEX CRC LTD**

2017202267 Djamgoz, Mustafa The patent has been assigned to **Celex Oncology Ltd**

2017279738 Molloy, Bryce Alan; Couzyn, Nolan; Stenhouse, Damon Peter; Qin, Peter The patent has been assigned to **ASSA ABLOY New Zealand Limited**

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

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

2017101261 Diva Investments Pty Ltd ( Aldeck Group Pty Ltd )

2019100019 Diva Investments Pty Ltd ( Aldeck Group Pty Ltd )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2004287875 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jan 2019

For the goods XIIDRA lifitegrast

Address for service : Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

2006247136 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jan 2019

For the goods XIIDRA lifitegrast

Address for service : Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

2013361579 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jan 2019

For the goods XIIDRA lifitegrast

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Extensions granted**

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

2016216697 **Relypsa, Inc.**

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

For the goods VELTASSA patiromer (as sorbitex calcium)

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

**Corrigenda**

In Vol 29 , No 6 , Page(s) 1060 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name LG Electronics Inc., Application No. 2013312359, under INID (72) add co-inventor Murphy, Andrew J., Stevens, Sean and Yancopoulos, George D.

In Vol 31 , No 43 , Page(s) 6271 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Calithera BioSciences, Inc., Application No. 2016246521, under INID (72) correct the co-inventor to Parlati, Francesco

In Vol 32 , No 40 , Page(s) 5615 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Glen Hayden Pring, Application No. 2018236776, under INID (71) correct the applicant name to Glen Haydn Pring.

In Vol 33 , No 12 , Page(s) 1653 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2014** Delete all reference to 2014314116.

**Corrigenda**

In Vol 33 , No 14 , Page(s) 2037 under the heading **Applications Accepted - Name Index** Under the name Glen Hayden Pring, Application No. 2018236776, under INID (71) correct the applicant name to Glen Haydn Pring.

In Vol 33 , No 19 , Page(s) 2879 under the heading **Applications Accepted - Name Index** Under the name LG Electronics Inc., Application No. 2013312359, under INID (72) add co-inventor Murphy, Andrew J., Stevens, Sean and Yancopoulos, George D.

In Vol 33 , No 24 , Page(s) 3505 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Magic Leap, Inc., Application No. 2017382880, under INID (72) correct the co-inventor to Samec, Nicole Elizabeth

In Vol 33 , No 25 , Page(s) 3616 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Abiomed, Inc.; Oscar, Inc., Application No. 2017373953, under INID (71) correct the applicant name to Oscore, Inc.

In Vol 33 , No 29 , Page(s) 4250 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Mavupharma, Inc. Application No. 2017382297, under INID (71) correct the applicant name to Mavupharma, Inc.

In Vol 33 , No 30 , Page(s) 4333 under the heading **Amendments - Application for Amendments** Under the name ImmunoGen, Inc., Patent No. 2014331964 correct the date of the statements filed to read 04 June 2019 and 25 Jul 2019

In Vol 33 , No 30 , Page(s) 4335 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2014** Under the name IVER-IC bio, Inc., Application No. 2014286996, under INID (71) correct the applicant to read IVERIC bio, Inc.

In Vol 33 , No 30 , Page(s) 4361 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Celcuity LLC, Application No. 2018239989, under INID (71) correct the applicant name to Celcuity Inc.

**Specifications Republished**

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

2015209063	<b>Molecular Templates, Inc.</b>
2015334498	<b>Selle Royal S.p.A.</b>
2016368618	<b>Thales Management &amp; Services Deutschland GmbH</b>
2018217250	<b>Johnson &amp; Johnson Surgical Vision, Inc.</b>
2018223038	<b>Lawrence Livermore National Security, LLC</b>