



**Australian Government**

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**IP Australia**

**Supplement to the  
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) and the Supplement to the 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 & supplement 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**

Australian provisional applications are assigned a 2 letter code followed by 4 digits. This is a unique series of numbers. Australian patent applications are assigned a unique series of 5 digit numbers followed by the year of lodgement at filing. At acceptance the application is assigned a 6 digit number, this again is a unique series of numbers.

1. Provisional Applications are given a 2 letter code followed by 4 unique numbers  
e.g. PR1326
2. Standard Complete applications (including Petty patents) are given a 5 digit number. Followed by the year of lodgement  
e.g. 56490/99
3. At acceptance Standard Completes (including Petty patents) are given a 6 digit number  
e.g. 698745

### Document Numbering in the **Supplement to the Australian Official Journal**

Australian patent applications are assigned a 10 digit number at filing. Each Australian application will retain the same number throughout its life. The first four numbers of the application will be the year of lodgement followed by a unique series of numbers.

1. Provisional Applications are given a 10 digit number, this is the year of lodgement followed by a '9' then a series of unique numbers.  
e.g. 2012907896
2. Standard Complete applications are also given a 10 digit number. Standard Completes are identified by 4 digit year of lodgement followed by a '2' or '3' then a series of unique numbers. Innovations are identified by the 4 digit year of lodgement followed by a '1' then followed by a unique series of numbers.  
e.g. 2011236254 (Standard Complete)  
e.g. 2011158589 (Innovation)

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).

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 27 July 2017

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Reckitt Benckiser LLC v S. C. Johnson & Son, Inc.* [2017] APO 35

Patent Application: 2009215860

Title: Cleaning composition that provides residual benefits

Patent Applicant: S. C. Johnson & Son, Inc.

Opponent: Reckitt Benckiser LLC

Delegate: Isaac Tan

Decision Date: 13 July 2017

Hearing Date: 23 May 2017 via teleconference

Catchwords: **PATENTS** – opposition to the allowance of amendments under section 102(2)(a) and section 102(2)(b) of the *Patents Act* 1990 – Commissioner becomes *Functus officio* at the time a decision to refuse becomes operative – amendments are allowable – costs awarded against the opponent.

Representation:

**Applicant via video conference:**  
David Myers, patent attorney of Spruson & Ferguson  
Anna Goldys, patent attorney of Spruson & Ferguson

**Opponent via telephone:**  
Charles Tansey, patent attorney of Shelston IP

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 27 July 2017**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Discovery Life Limited [2017] APO 36***

Patent Application: 2016203283

Title: Method of managing a life insurance policy with a related medical scheme

Patent Applicant: Discovery Life Limited

Delegate: R Subbarayan

Decision Date: 18 July 2017

Hearing Date: Written record

Catchwords: **PATENTS** - examiner's objections – computer implemented method for of managing a life insurance policy with a related medical scheme – abstract idea or mere scheme – no patentable subject matter disclosed – application refused.

Representation: Patent attorney for the applicant: Shelston IP Pty Ltd.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Regeneron Pharmaceuticals v Kymab Limited* [2017] APO 37

Patent Application: 2011266843

Title: Animal models and therapeutic molecules

Patent Applicant: Kymab Limited

Opponent: Regeneron Pharmaceuticals

Delegate: Dr B. Akhurst

Decision Date: 19 July 2017

Hearing Date: Written submissions filed on 4, 18 and 26 April 2017.

Catchwords: **PATENTS** – opposition under section 104 – allowability under section 102(2) considered – opposition successful – amendment refused – no award of costs.

Representation: Patent attorney for the applicant: Griffith Hack.  
Patent attorney for the opponent: FB Rice.

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 11 Jul 2017 .

(71) ADAMS, G. (21) 2017902743 (22) 12.07.2017 (54) BORING TOOL	(71) Burnett, N. (21) 2017902733 (22) 12.07.2017 (54) EXPANSION JOINT	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2017902804 (22) 17.07.2017 (54) Aqueous polymer composition
(71) Advanced Agricultural Systems Pty Ltd (21) 2017902708 (22) 11.07.2017 (54) A data transfer system for an agricultural vehicle, and a cover for an agricultural vehicle	(71) Cayzer, J. (21) 2017902748 (22) 13.07.2017 (54) Collapsible Travel Support Device	(71) CSR Building Products Limited (21) 2017902732 (22) 12.07.2017 (54) MODULAR BARRIER SYSTEM
(71) Advanced Transmission Systems Holding Pty Ltd (21) 2017902759 (22) 13.07.2017 (54) A Pulley and Transmission System	(71) Centor Design Pty Ltd (21) 2017902739 (22) 12.07.2017 (54) System and Method for Transport and Installation of a Screen Assembly	(71) Cullen, S. (21) 2017902725 (22) 11.07.2017 (54) Alleviation of Snoring and Sleep Apnoea by Elastic Tension-Induced mandibular Advancement
(71) Azure 101 Pty Ltd (21) 2017902746 (22) 13.07.2017 (54) A FORUM CREATION TOOL	(71) CHRETIEN, P. (21) 2017902808 (22) 18.07.2017 (54) Helicopter Electric Tail Rotor Drive system with autorotation assistance	(71) DELLAVEDOVA FERTILISER SERVICES PTY LTD (21) 2017902789 (22) 17.07.2017 (54) The 'Crop Nutrient Analytic' app is a comprehensive, user friendly, information system that allows the calculation of nutrient levels both in crop and in soil, as well as incorporating key drivers to formulate an industry best estimate of nutrient requirements for the following seasons crop. The system will also facilitate conversion of nutrients required into cost effective application of fertiliser products.
(71) Bag A Bucket Australia Pty Ltd (21) 2017902768 (22) 14.07.2017 (54) A Carrying Device and System Thereof	(71) Clearview Property Management Pty Ltd (21) 2017902741 (22) 12.07.2017 (54) APPARATUS FOR ATTACHING A SIDE VIEW MIRROR TO A VEHICLE	
(71) Bellator Pty Ltd (21) 2017902766 (22) 14.07.2017 (54) A METHOD OF INNOVATION	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2017902756 (22) 13.07.2017 (54) Plants with modified traits	(71) Demertzi, P. (21) 2017902794 (22) 17.07.2017 (54) A portable low-power micro induction oven for power supply constrained reheating of food
(71) BIG IP PTY LTD (21) 2017902709 (22) 11.07.2017 (54) METHODS AND SYSTEMS FOR PREPARING PROMOTIONAL VIDEOS	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2017902769 (22) 14.07.2017 (54) PHOTOVOLTAIC APPARATUS AND METHOD	
(71) Blueprint Acoustics Pty Ltd (21) 2017902745 (22) 13.07.2017 (54) Acoustic filter for electro-acoustic transducer	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2017902787 (22) 17.07.2017 (54) MIXING APPARATUS AND METHOD OF OPERATION	(71) Dimerix Bioscience Pty Ltd (21) 2017902717 (22) 11.07.2017 (54) Dosage Regime for Treatment of Kidney Disease
(71) Bone Ligament Tendon Pty Ltd (21) 2017902800 (22) 17.07.2017 (54) Novel xenograft		

Provisional Applications Filed - Name Index cont'd

(71) Dimerix Bioscience Pty Ltd  
 (21) 2017902795 (22) 17.07.2017  
 (54) Dosage Regime for Treatment of Kid-  
 ney Disease

(71) DUNSTALL'S CLEARANCE WARE-  
 HOUSE PTY LTD  
 (21) 2017902719 (22) 11.07.2017  
 (54) iGlow is a range of Glow in the Dark  
 plastic injection moulded electric fencing  
 products.

(71) Ebob IP Pty Ltd  
 (21) 2017902811 (22) 18.07.2017  
 (54) WELLHEAD TOOL

(71) Ellume Pty Ltd  
 (21) 2017902750 (22) 13.07.2017  
 (54) Sample collection device

(71) EMBERTEC PTY LTD  
 (21) 2017902727 (22) 12.07.2017  
 (54) Micro Generation Diversion Apparatus  
 and Method

(71) Engineering Innovations Group Pty  
 Limited  
 (21) 2017902790 (22) 17.07.2017  
 (54) Connection system

(71) EXOTIC ORGANICS PTY LTD  
 (21) 2017902780 (22) 16.07.2017  
 (54) Community Farmer

(71) Factor Therapeutics Limited  
 (21) 2017902737 (22) 12.07.2017  
 (54) Treatment of ocular conditions

(71) Fairweather, P.  
 (21) 2017902734 (22) 12.07.2017  
 (54) A GRATE

(71) Flinders Partners Pty Ltd  
 (21) 2017902772 (22) 14.07.2017  
 (54) Thin Film vortex fluidic fabrication of  
 liposomes

(71) Foody, B.  
 (21) 2017902805 (22) 17.07.2017  
 (54) System and method for manipulating in-  
 formation on a touch-sensitive display

(71) Fraser, L.  
 (21) 2017902784 (22) 17.07.2017  
 (54) SYSTEM AND METHOD FOR IM-  
 PROVING USER INVOLVEMENT AT  
 AN EVENT

(71) Freeman, M.  
 (21) 2017902723 (22) 12.07.2017  
 (54) Thermal Diffused Air Sterilization (DAS)  
 Process

(71) Girven, R.  
 (21) 2017902764 (22) 14.07.2017  
 (54) An asset based monetary system  
 based upon a precise measure for hu-  
 man life force.

(71) Gomez, R.  
 (21) 2017902711 (22) 11.07.2017  
 (54) Non-liquid Electrolytic Storage and Re-  
 covery of Hydrogen

(71) Harmer, J.  
 (21) 2017902776 (22) 15.07.2017  
 (54) The Tuck-Away Horse Rug Combo

(71) Health Apps Pty Ltd  
 (21) 2017902791 (22) 17.07.2017  
 (54) A SYSTEM FOR AIDING EARLY DE-  
 TECTION AND MANAGEMENT OF  
 BREATHING RELATED DISORDERS

(71) Hobbs, O.  
 (21) 2017902730 (22) 12.07.2017  
 (54) A surface to sub-root irrigation convert-  
 ible irrigation device

(71) Hovel, J.  
 (21) 2017902773 (22) 14.07.2017  
 (54) Dodecagonal ER-type collet holder for  
 machining parts on a milling or grinding  
 machine

(71) INFUSION INNOVATIONS PTY LTD  
 (21) 2017902740 (22) 12.07.2017  
 (54) DATA HUB

(71) Integrity Engineering Solutions Pty Ltd  
 (21) 2017902718 (22) 11.07.2017  
 (54) BACKUP WRENCHES

(71) InvertedPower Pty Ltd  
 (21) 2017902796 (22) 17.07.2017  
 (54) A vehicle and a vehicle charging station

**Jord International Pty Ltd see The Uni-  
 versity of Newcastle**  
 (21) 2017902806

(71) Jovanovic, C.  
 (21) 2017902716 (22) 11.07.2017  
 (54) Self Loading, Self Ejecting Idle Roller  
 Conveying System

(71) Jurica Pty Ltd  
 (21) 2017902726 (22) 12.07.2017  
 (54) AIR MODIFYING DEVICE

(71) Kalman, R.  
 (21) 2017902799 (22) 17.07.2017  
 (54) A vehicular ignition switch security in-  
 terface

(71) Kambouris, A.  
 (21) 2017902712 (22) 11.07.2017  
 (54) Sealed cap for packing containers in-  
 cluding an integral powder or liquid

(71) Langan, V.  
 (21) 2017902807 (22) 17.07.2017  
 (54) Hydrocolloid Patches Containing Skin  
 Improving Ingredients

(71) Life Glass Pty Ltd  
 (21) 2017902724 (22) 12.07.2017  
 (54) Display System

**Mathews, T. see Owens, K.**  
 (21) 2017902770

(71) Merctech Pty Ltd  
 (21) 2017902783 (22) 17.07.2017  
 (54) A SYSTEM AND APPARATUS FOR  
 APPLYING A SEALING COMPOSI-  
 TION TO A TUBULAR FABRIC CAS-  
 ING

(71) MICHAEL, C.  
 (21) 2017902747 (22) 13.07.2017  
 (54) HANDHELD TWO-WAY VIDEO CON-  
 FERENCE SYSTEM

(71) Microsoil Pty Ltd  
 (21) 2017902752 (22) 13.07.2017  
 (54) Formulations for plant stress relief and  
 colour enhancement

(71) Monash University  
 (21) 2017902713 (22) 11.07.2017  
 (54) Chemical responsive compositions

(71) Monash University  
 (21) 2017902801 (22) 17.07.2017  
 (54) Angiotensin receptor agonists and uses  
 thereof

(71) Monash University  
 (21) 2017902803 (22) 17.07.2017  
 (54) Dimethoxymethane production via dir-  
 ect hydrogenation

Provisional Applications Filed - Name Index cont'd

(71) Mondal, A.  
(21) 2017902785 (22) 17.07.2017  
(54) A WATER EFFICIENT SYSTEM FOR GROWING PLANTS

(71) Munt, P.; Rennick, K.  
(21) 2017902758 (22) 13.07.2017  
(54) Remote Level Indicator and Trailer Light Test Unit

(71) Murphy, A.  
(21) 2017902797 (22) 17.07.2017  
(54) A liner insert for a gastronorm food tray

(71) Natoli, D.  
(21) 2017902792 (22) 17.07.2017  
(54) Garment

(71) NewSouth Innovations Pty Limited  
(21) 2017902774 (22) 14.07.2017  
(54) Lamellar structure

(71) Orion Holdings (Overseas) Limited  
(21) 2017902755 (22) 13.07.2017  
(54) Convertible furniture kit

(71) Orway Mineral Consultants (WA) Pty Ltd  
(21) 2017902744 (22) 12.07.2017  
(54) A Single Stage Pressure Leach Hydro-metallurgical Method for Upgrade of Copper Concentrates

(71) Owens, K.; Mathews, T.  
(21) 2017902770 (22) 14.07.2017  
(54) Cake Turning Device

(71) Palmer, G.  
(21) 2017902729 (22) 12.07.2017  
(54) Solar Powered Lightboard Illuminating sign

(71) Parsonage, H.  
(21) 2017902763 (22) 14.07.2017  
(54) A Portable Container

(71) PATHI, J.M.  
(21) 2017902778 (22) 16.07.2017  
(54) Couple Blanket

**Petridis, H. see Roubos, T.**  
(21) 2017902736

(71) PWA Mobility Pty Ltd  
(21) 2017902809 (22) 18.07.2017  
(54) A infant support

(71) Rain Harvesting Pty Ltd  
(21) 2017902771 (22) 14.07.2017  
(54) A DEVICE FOR USE IN SECURING GUTTER MESH

(71) Rajendran, A.  
(21) 2017902782 (22) 16.07.2017  
(54) Hair Growth Stimulator

(71) Raleigh Corporation Pty Ltd  
(21) 2017902777 (22) 15.07.2017  
(54) STATIC WHEEL CLEAN

(71) Red Pineapple Pty Ltd  
(21) 2017902760 (22) 13.07.2017  
(54) Line scanning optics for light collection from an increased sample volume

(71) Red Pineapple Pty Ltd  
(21) 2017902761 (22) 13.07.2017  
(54) System for photodetection of diffracted light

**Rennick, K. see Munt, P.**  
(21) 2017902758

(71) Roubos, T.; Petridis, H.  
(21) 2017902736 (22) 12.07.2017  
(54) An orthosis

(71) Samson Clinical Pty Ltd  
(21) 2017902722 (22) 12.07.2017  
(54) PROMOTING HAIR GROWTH AND TREATMENT OF HAIR LOSS OR EXCESSIVE HAIR SHEDDING

(71) smartDNA Pty Ltd  
(21) 2017902786 (22) 17.07.2017  
(54) Method of diagnosing a dysbiosis

(71) Smileyscope Pty. Ltd  
(21) 2017902751 (22) 13.07.2017  
(54) VIRTUAL REALITY APPARATUS

(71) Smith, G.  
(21) 2017902775 (22) 14.07.2017  
(54) Additional Ideas To My Ideas In My Pitch and Bowl Innovation Patent

(71) Smyth, Q.  
(21) 2017902798 (22) 17.07.2017  
(54) A surf leash

(71) Specialised Resource Products and Services Pty Ltd  
(21) 2017902762 (22) 13.07.2017  
(54) Down-hole Hammer Drilling Tool with Interchangeable Drill Head

(71) Spring-Grip Wire Strainers Pty Ltd  
(21) 2017902765 (22) 14.07.2017  
(54) A Tool for Joining Wire

(71) Steel Corp Engineering  
(21) 2017902810 (22) 18.07.2017  
(54) Loading Platform

(71) The Bionics Institute of Australia  
(21) 2017902753 (22) 13.07.2017  
(54) A hearing assessment system and method

(71) The Flinders University of South Australia  
(21) 2017902754 (22) 13.07.2017  
(54) METHODS AND COMPOSITIONS FOR TREATING OBESITY

(71) THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD  
(21) 2017902715 (22) 11.07.2017  
(54) IMPROVEMENTS TO TETHERING ACCESSORIES FOR WATER-SPORTS RECREATION BOARDS

(71) Theodoma Limited  
(21) 2017902728 (22) 12.07.2017  
(54) "THEODOMA CARBON DIOXIDE DISSOCIATION POWER GENERATION CYCLE"

(71) THE STEVEN REILLY FAMILY TRUST  
(21) 2017902721 (22) 12.07.2017  
(54) Mindchase is an app that allows people to create real life information tour guide, orientation, treasure hunt and similar maps (mindchases). Users are then able to use this maps. Each location may contain written, audio, video, virtual reality or augmented reality. Each location the user may be presented with a puzzle, questionnaire, etc or simply just have access to the content by being in the physical location. Mindchase will be operated through the use of agents (or possible franchisees), to ensure content is created, and managed and maintained in each location.

(71) The University of Melbourne  
(21) 2017902742 (22) 12.07.2017  
(54) A method of treatment

(71) The University of Newcastle; Jord International Pty Ltd  
(21) 2017902806 (22) 17.07.2017  
(54) Vibration Unit Assembly for a Belt Conveyor



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(71) The University of Sydney  
 (21) 2017902757 (22) 13.07.2017  
 (54) Method and apparatus to determine characteristics of particles of granular material

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(71) TOUCHTIER PTY LTD  
 (21) 2017902802 (22) 17.07.2017  
 (54) Cloud connected IoT device, to intercept, copy and repeat all printing communications from a target print source to any connected generic receipt printer without disturbing any operation and functionality of the print source and the target receipt printer.

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(71) Tranwilben Pty Ltd ATF Tranwilben Trust  
 (21) 2017902735 (22) 12.07.2017  
 (54) In-Wall Mixer Tap

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(71) TUNRA Ltd.  
 (21) 2017902767 (22) 14.07.2017  
 (54) An apparatus and method of feeding a feed slurry into a separating device

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(71) Valentine, B.  
 (21) 2017902779 (22) 16.07.2017  
 (54) Photo Voltaic Cell film pool blanket

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(71) Vassallo, S.  
 (21) 2017902720 (22) 11.07.2017  
 (54) Barrier Assembly

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(71) VIRYA GLOBAL PTY LTD  
 (21) 2017902738 (22) 12.07.2017  
 (54) A Heat Exchange Panel and a Solar Thermal System including a Heat Exchange Panel

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(71) Warin, M.  
 (21) 2017902781 (22) 16.07.2017  
 (54) A mechanism that absorbs the recoil forces in a projectile propulsion system is disclosed.

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(71) Wieland, H.  
 (21) 2017902731 (22) 12.07.2017  
 (54) A swivel joint mechanism for a hand tool

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(71) Wise Earth Pty Ltd  
 (21) 2017902788 (22) 17.07.2017  
 (54) SOLAR HOT WATER TANK

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(71) Wylie, M.  
 (21) 2017902714 (22) 11.07.2017  
 (54) Mining Pick

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<b>2017902714</b>	Wylie, M.	<b>2017902780</b>	EXOTIC ORGANICS PTY LTD
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<b>2017902754</b>	The Flinders University of South Australia		
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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jul 2017 .

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

<hr/> <p><b>8 Rivers Capital, LLC see Palmer Labs, LLC</b> (21) 2017204829</p> <hr/> <p>(71) A'Bear, A. (21) 2017204888 (22) 14.07.2017 (54) Wall Hanger (31) 2016902794 (32) 15.07.16 (33) AU</p> <hr/> <p>(71) ABB Schweiz AG (21) 2017206161 (22) 18.07.2017 (54) An arc fault detection arrangement for a DC electric bus (31) 16183705.9 (32) 11.08.16 (33) EP</p> <hr/> <p>(71) AbbVie Inc. (21) 2017206149 (22) 17.07.2017 (54) Apoptosis-inducing agents for the treatment of cancer and immune and autoimmune diseases (62) 2012322818</p> <hr/> <p>(71) Accenture Global Services Limited (21) 2017204762 (22) 11.07.2017 (54) DATA PROCESSOR FOR PROJECT DATA (62) 2016203818</p> <hr/> <p>(71) Aconex Limited (21) 2017204903 (22) 16.07.2017 (54) Further improved information management systems and methods (62) 2012276286</p> <hr/> <p>(71) Acorn Engineering Company (21) 2017204801 (22) 12.07.2017 (54) Ligature resistant roll holder assembly (31) 15/214,707 (32) 20.07.16 (33) US</p> <hr/> <p>(71) Airport Authority (21) 2017204768 (22) 12.07.2017 (54) IMPROVED CHECK-IN KIOSK AND SYSTEM (31) 16112551.8 (32) 01.11.16 (33) HK</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2017204908 (22) 17.07.2017 (54) HEAVY HYDROCARBON REMOVAL SYSTEM FOR LEAN NATURAL GAS LIQUEFACTION (31) 15/216,318 (32) 21.07.16 (33) US</p>	<hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2017204773 (22) 12.07.2017 (54) Assays and methods for determining activity of a therapeutic agent in a subject (62) 2012272908</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2017204823 (22) 13.07.2017 (54) Method for assembling a railway vehicle (31) 16 56873 (32) 19.07.16 (33) FR</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2017204760 (22) 11.07.2017 (54) LOG RECORD MANAGEMENT (62) 2014235367</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2017204853 (22) 13.07.2017 (54) Data security service (62) 2014216607</p> <hr/> <p>(71) AMS Research Corporation (21) 2017204891 (22) 14.07.2017 (54) Implantable mechanical support (62) 2015238931</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2017204824 (22) 13.07.2017 (54) TABLE GAME SYSTEM (62) 2013342969</p> <hr/> <p>(71) Aponia Laboratories, Inc. (21) 2017204878 (22) 14.07.2017 (54) Transdermal compositions of ibuprofen and methods of use thereof (62) 2012250664</p> <hr/> <p>(71) Apple Inc. (21) 2017204858 (22) 13.07.2017 (54) Accessory device with magnetic attachment (62) 2016203244</p> <hr/> <p>(71) Aquatic Enterprises Pty Ltd (21) 2017204834 (22) 13.07.2017 (54) Microfibre Pool Broom Head (31) 2017900503 (32) 16.02.17 (33) AU</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017204837 (22) 13.07.2017 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2015243040</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017204845 (22) 13.07.2017 (54) AN ASSEMBLY FOR A GAMING MACHINE AND PLAYER INTERFACE (62) 2015202874</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017204846 (22) 13.07.2017 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2015210368</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017204862 (22) 13.07.2017 (54) GAMING MACHINE WITH WAGERING FEATURES (62) 2016200403</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017206147 (22) 17.07.2017 (54) A GAMING SYSTEM AND A METHOD OF GAMING (31) 2016903114 (32) 08.08.16 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2017206166 (22) 18.07.2017 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (62) 2015261622</p> <hr/> <p>(71) ARRIS Enterprises LLC (21) 2017206162 (22) 18.07.2017 (54) SYSTEMS AND METHODS FOR CLIP PREVENTION IN A CATV NETWORK (62) 2015250202</p> <hr/> <p>(71) ARRIS Technology, Inc. (21) 2017204855 (22) 13.07.2017</p>
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(54) LOGO PRESENCE DETECTOR  
BASED ON BLENDING CHARACTER-  
ISTICS  
(62) 2014237866

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(71) Arrow International, Inc.  
(21) 2017204870 (22) 14.07.2017  
(54) SURFACE MODIFICATION FOR DIA-  
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(62) 2016200315

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(71) Bayer HealthCare LLC  
(21) 2017204884 (22) 14.07.2017  
(54) Radiation shield adapters  
(62) 2013284398

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**Bayer Intellectual Property GmbH see  
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(21) 2017206140

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(71) BAYER PHARMA AKTIENGESELL-  
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(21) 2017206140 (22) 17.07.2017  
(54) DISUBSTITUTED BENZOTHI-  
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ITORS  
(62) 2012350750

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(71) Beckman Coulter, Inc.  
(21) 2017204850 (22) 13.07.2017  
(54) Regulatory T Cells And Methods Of  
Identifying, Obtaining and Using to  
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(62) 2012279225

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(71) BELLATOR PTY LTD  
(21) 2017204897 (22) 14.07.2017  
(54) A METHOD OF INNOVATION

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(71) biOasis Technologies Inc.  
(21) 2017204756 (22) 11.07.2017  
(54) p97-antibody conjugates and methods  
of use  
(62) 2015271882

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(71) Biosense Webster (Israel) Ltd.  
(21) 2017204832 (22) 13.07.2017  
(54) BALLOON POSITIONING IN A SINU-  
PLASTY PROCEDURE  
(31) 15/228,607 (32) 04.08.16 (33) US

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(71) Bird, S.; Bosch, N.  
(21) 2017204865 (22) 13.07.2017  
(54) A Structural Assembly  
(62) 2013315346

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(71) BLUESCOPE STEEL LIMITED  
(21) 2017204910 (22) 17.07.2017

(54) An apparatus and method for the sep-  
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(62) 2015201774

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(71) BOARD OF REGENTS OF THE UNI-  
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(21) 2017204777 (22) 12.07.2017  
(54) Apparatuses and methods for the pro-  
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(62) 2012225311

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(71) Böme S.R.L.  
(21) 2017206145 (22) 17.07.2017  
(54) Mixer with disinfection of legionella  
(31) 102016000075076 (32) 18.07.16 (33) IT

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(21) 2017204865

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(71) Cabeau, Inc.  
(21) 2017204886 (22) 14.07.2017  
(54) Travel pillow  
(62) 2015202263

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(71) Cala Health, Inc.  
(21) 2017204831 (22) 13.07.2017  
(54) DEVICES AND METHODS FOR CON-  
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(62) 2014207265

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(71) Canon Kabushiki Kaisha  
(21) 2017204848 (22) 13.07.2017  
(54) Projecting rectified images on a surface  
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(71) Church & Dwight Co., Inc.  
(21) 2017204792 (22) 12.07.2017  
(54) Improved electronic analyte assaying  
device  
(62) 2011307356

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(71) CNH Industrial America LLC  
(21) 2017204895 (22) 14.07.2017  
(54) Cutter Guard Assembly For a Knife  
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(62) 2014260079

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(71) ConvaTec Technologies Inc.  
(21) 2017204860 (22) 13.07.2017  
(54) APPARATUS FOR PREVENTING  
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(62) 2012340411

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(71) COOL GEAR INTERNATIONAL, LLC  
(21) 2017204758 (22) 11.07.2017  
(54) LID HAVING COLLAPSIBLE STRAW  
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(62) 2014368954

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(71) Covidien LP  
(21) 2017204800 (22) 12.07.2017  
(54) Surgical adapter assemblies for use  
between surgical handle assembly and  
surgical end effectors  
(62) 2013206350

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(71) CZIEL, P.  
(21) 2017204766 (22) 11.07.2017  
(54) 1 - Solar panels glass-eva-solar cells-  
eva-glass construction with 4 holes sy-  
metrical holes for quick installation us-  
ing 4 bolts. Either symmetrical or with  
longer side being extended for overlap-  
ping roof tiles like purpose. Optional ex-  
tra 2 holes on shorter side for mount-  
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system or flat half thickness overlap-  
ping system. 2 - BIPV roof structure ar-  
rangement utilising above special solar  
panels, stepped vertical beams, vertical  
gutter system without any need of hori-  
zontal beams.

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(71) Dali Systems Co. Ltd.  
(21) 2017204786 (22) 12.07.2017  
(54) Soft hand-off and routing data in a virtu-  
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(62) 2012336027

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(71) Danha & Nachabe Pty Ltd  
(21) 2017204807 (22) 11.07.2017  
(54) Ladder Safety Lateral Support Stabil-  
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(71) DePuy Mitek, Inc.  
(21) 2017204795 (22) 12.07.2017  
(54) METHODS AND DEVICES FOR PRE-  
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(62) 2015227517

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(71) Digital Path, Inc.  
(21) 2017206150 (22) 17.07.2017  
(54) Methods and systems for high capacity  
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(62) 2013329141

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(71) Dolby International AB  
(21) 2017206142 (22) 17.07.2017  
(54) Improved Subband Block Based Har-  
monic Transposition  
(62) 2015203065

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(71) Domtar Paper Company LLC  
(21) 2017204835 (22) 13.07.2017  
(54) SURFACE ENHANCED PULP FIBERS  
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(62) 2015218812

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- (71) Dr. Reddy's Laboratories, S.A.  
(21) 2017204784 (22) 12.07.2017  
(54) Compositions and methods for controlling infestation  
(62) 2016200196
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- (71) Dynamic Closures (Aust) Pty Ltd  
(21) 2017204811 (22) 12.07.2017  
(54) ANTI-INTRUSION EXTRUSION  
(31) 2016902744 (32) 13.07.16 (33) AU
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- (71) Dynamic Engineering Solutions  
(21) 2017206165 (22) 18.07.2017  
(54) Shell Reservoir Damper  
(31) 2016902822 (32) 19.07.16 (33) AU
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- (71) E. I. du Pont de Nemours and Company  
(21) 2017204816 (22) 12.07.2017  
(54) ANIMAL PEST CONTROL METHOD  
(31) 15/207,999 (32) 12.07.16 (33) US  
(62) 2017203941
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- (71) Ecolab USA Inc.  
(21) 2017204778 (22) 12.07.2017  
(54) Composition and method for improvement in froth flotation  
(62) 2014250008
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- (71) EGALON, C.O.  
(21) 2017204902 (22) 14.07.2017  
(54) SIDE ILLUMINATED MULTI POINT MULTI PARAMETER OPTICAL FIBER SENSOR  
(62) 2015255212
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- (71) EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt  
(21) 2017204830 (22) 13.07.2017  
(54) Porous adsorbent structure for adsorption of CO2 from a gas mixture  
(62) 2012266365
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- (71) Empire Technology Development LLC  
(21) 2017204791 (22) 12.07.2017  
(54) Methods and compositions for dag mitigation  
(31) 15/273,143 (32) 22.09.16 (33) US
- 
- (71) Ethicon, Inc.  
(21) 2017204913 (22) 17.07.2017  
(54) FEATURES TO PREVENT CROSS-CONTAMINATION OF ENDOSCOPE FROM REPROCESSING SYSTEM  
(31) 15/230,661 (32) 08.08.16 (33) US
- 
- (71) EXELIXIS, INC.  
(21) 2017204877 (22) 14.07.2017  
(54) PROCESSES FOR PREPARING QUINOLINE COMPOUNDS AND
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- PHARMACEUTICAL COMPOSITIONS CONTAINING SUCH COMPOUNDS  
(62) 2012214322
- 
- (71) Facebook, Inc.  
(21) 2017204809 (22) 12.07.2017  
(54) Search intent for queries  
(31) 15/295,696 (32) 17.10.16 (33) US  
(62) 2016204493
- 
- (71) Facebook, Inc.  
(21) 2017204810 (22) 12.07.2017  
(54) Rewriting search queries on online social networks  
(31) 15/337,452 (32) 28.10.16 (33) US  
(62) 2014296446
- 
- (71) FaceCake Marketing Technologies, Inc.  
(21) 2017204751 (22) 11.07.2017  
(54) Targeted marketing system and method  
(62) 2012236092
- 
- (71) FAS Wilson Pty Ltd  
(21) 2017204799 (22) 12.07.2017  
(54) Retaining system  
(62) 2013302293
- 
- (71) Fisher & Paykel Healthcare Limited  
(21) 2017204993 (22) 17.07.2017  
(54) Patient interfaces with condensation reducing or compensating arrangements  
(62) 2014226645
- 
- (71) Fisher & Paykel Healthcare Limited  
(21) 2017206137 (22) 17.07.2017  
(54) COMPONENTS FOR MEDICAL CIRCUITS  
(62) 2010334464
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- FUZHOU MINGFANG AUTOMOBILE PARTS INDUSTRY CO. LTD. see HSIN CHONG MACHINERY WORKS CO. LTD.  
(21) 2017206157
- 
- (71) Galapagos NV  
(21) 2017204744 (22) 10.07.2017  
(54) 5-phenyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl carboxamides as JAK inhibitors  
(62) 2015218544
- 
- (71) Gallagher Group Limited  
(21) 2017206168 (22) 18.07.2017  
(54) A Line Strainer  
(62) 2015204345
- 
- (71) Garrett Thermal Systems Limited  
(21) 2017204851 (22) 13.07.2017  
(54) Improvements to particle detectors  
(62) 2015249058
- 
- (71) General Electric Company  
(21) 2017204806 (22) 12.07.2017  
(54) SYSTEM AND METHOD FOR COMMUNICATING IN A VEHICLE CON-SIST  
(62) 2015238861
- 
- (71) GeNO LLC  
(21) 2017204852 (22) 13.07.2017  
(54) Dual Platform System for the Delivery of Nitric Oxide  
(62) 2013337269
- 
- (71) Gibb, J.  
(21) 2017204771 (22) 12.07.2017  
(54) Infant Cradle for a Seating Device  
(31) 2016902959 (32) 28.07.16 (33) AU
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- (71) Global Esprit Inc.  
(21) 2017204843 (22) 13.07.2017  
(54) Swimming Goggle Structure
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- (71) Global Mark Plastic Limited  
(21) 2017204881 (22) 14.07.2017  
(54) WASTE STORAGE DEVICE WITH SMELL PROTECTION  
(31) EP17153674 (32) 30.01.17 (33) EP
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- (71) Globaltech Corporation Pty Ltd  
(21) 2017204882 (22) 14.07.2017  
(54) CORE ORIENTATION SYSTEM  
(62) 2016201854
- 
- (71) Google Inc.  
(21) 2017204864 (22) 13.07.2017  
(54) PROVIDING KNOWLEDGE PANELS WITH SEARCH RESULTS  
(62) 2012289936
- 
- (71) Gro-Group Holdings Limited  
(21) 2017206156 (22) 18.07.2017  
(54) INFANT SLEEP BAG AND SWADDLING APPARATUS  
(31) 1700 698.2 (32) 16.01.17 (33) GB  
1612489.3 19.07.16 GB
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- (71) Gruppo Cimbali S.p.A.  
(21) 2017204820 (22) 13.07.2017  
(54) DEVICE FOR CONTINUOUS HEATING OF FLUIDS  
(31) 102016000077849 (32) 25.07.16 (33) IT
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- (71) H.E.F.  
(21) 2017206158 (22) 14.07.2017  
(54) Self-Lubricating Hinge Assembly made from Composite Material and Operating under High Dynamic Loads  
(62) 2013336532
- 
- (71) Halliburton Energy Services, Inc.  
(21) 2017206139 (22) 17.07.2017

Complete Applications Filed - Name Index cont'd

(54) INTEGRATED COMPUTATIONAL ELEMENTS WITH FREQUENCY SELECTIVE SURFACE  
(62) 2013393869

(71) Halliburton Energy Services, Inc.  
(21) 2017206143 (22) 17.07.2017  
(54) SYSTEMS AND METHODS OF A SAMPLE BOTTLE ASSEMBLY  
(62) 2015258318

(71) Heraeus Medical GmbH  
(21) 2017204890 (22) 14.07.2017  
(54) Bone cement applicator with three-way valve for pressure relief  
(31) 10 2016 113 467.8 (32) 21.07.16 (33) DE

(71) Heraeus Medical GmbH  
(21) 2017204900 (22) 14.07.2017  
(54) Bone cement applicator with three-way valve for pressure relief  
(31) 10 2016 113 468.6 (32) 21.07.16 (33) DE

(71) Herman Miller, Inc.  
(21) 2017204815 (22) 12.07.2017  
(54) Partition system and accessories for use therewith  
(62) 2013308980

(71) HSIN CHONG MACHINERY WORKS CO. LTD.; FUZHOU MINGFANG AUTOMOBILE PARTS INDUSTRY CO. LTD.  
(21) 2017206157 (22) 18.07.2017  
(54) CAR WINDOW LOCK AND WINDOW LOCKING DEVICE HAVING THE SAME

(71) Hunter Douglas Inc.  
(21) 2017206152 (22) 17.07.2017  
(54) Mounting assembly for an architectural covering  
(31) 62/364,852 (32) 20.07.16 (33) US  
62/455,554 06.02.17 US

(71) HZW Holdings Pty Ltd  
(21) 2017204859 (22) 13.07.2017  
(54) A gravimetry assembly  
(31) 2016904026 (32) 04.10.16 (33) AU

(71) Illinois Tool Works Inc.  
(21) 2017204788 (22) 12.07.2017  
(54) Trusses for use in building construction  
(61) 2015252101

(71) Infastech Intellectual Properties Pte. Ltd  
(21) 2017204743 (22) 10.07.2017  
(54) Negative drive angle  
(62) 2012299056

(71) Infastech Intellectual Properties Pte. Ltd.  
(21) 2017204863 (22) 13.07.2017  
(54) Tapered lobular driver and fastener  
(62) 2012298762

(71) Inovio Pharmaceuticals, Inc  
(21) 2017204802 (22) 12.07.2017  
(54) A minimally invasive dermal electroporation device  
(62) 2015203882

(71) Inventio AG  
(21) 2017204892 (22) 14.07.2017  
(54) Energy settings for transportation systems  
(62) 2012300968

(71) Ionis Pharmaceuticals, Inc.  
(21) 2017204772 (22) 12.07.2017  
(54) COMPOSITIONS AND THEIR USES DIRECTED TO HUNTINGTIN  
(62) 2013203297

(71) Ishida Co., Ltd.  
(21) 2017204754 (22) 11.07.2017  
(54) BOXING APPARATUS  
(31) 2016-138041 (32) 12.07.16 (33) JP

(71) Janssen Pharmaceutica NV  
(21) 2017206153 (22) 17.07.2017  
(54) P2X7 modulators  
(62) 2014239291

(71) Jiangnan University; Jiangnan University (Yangzhou) Food Biotechnology Institute  
(21) 2017204856 (22) 13.07.2017  
(54) HIGH-STABILITY MUSTARD OIL NANOEMULSION AND PREPARATION METHOD THEREFOR  
(31) 201610720529.X (32) 25.08.16 (33) CN

Jiangnan University (Yangzhou) Food Biotechnology Institute see Jiangnan University  
(21) 2017204856

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2017204759 (22) 11.07.2017  
(54) ESTERS FOR TREATMENT OF OCULAR INFLAMMATORY CONDITIONS  
(62) 2012275760

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2017204838 (22) 13.07.2017  
(54) ESTERS FOR TREATMENT OF OCULAR INFLAMMATORY CONDITIONS  
(62) 2012275759

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2017206167 (22) 18.07.2017  
(54) VARIABLE OPTIC OPHTHALMIC DEVICE INCLUDING LIQUID CRYSTAL ELEMENTS  
(31) 15/245,532 (32) 24.08.16 (33) US

(71) Joy MM Delaware, Inc.  
(21) 2017204822 (22) 13.07.2017  
(54) Crawler track  
(62) 2013206001

(71) Kal-Fire Beheer B.V.  
(21) 2017204841 (22) 13.07.2017  
(54) Gas hearth  
(31) 2017184 (32) 18.07.16 (33) NL

Koszinowski, U. see Thirion, C.  
(21) 2017204774

(71) K-PAX Pharmaceuticals, Inc.  
(21) 2017204833 (22) 13.07.2017  
(54) Compositions and methods for treatment of chronic fatigue  
(62) 2012272731

(71) Kyungpook National University Industry-Academic Cooperation Foundation  
(21) 2017204817 (22) 12.07.2017  
(54) PHARMACEUTICAL COMPOSITION COMPRISING PLATYCODON GRANDIFLORUM EXTRACT FOR PREVENTING OR TREATING OBESITY

(71) Lennox Industries Inc.  
(21) 2017204857 (22) 13.07.2017  
(54) HVAC systems and methods with refrigerant leak detection  
(62) 2015202605

(71) Leo Laboratories Limited  
(21) 2017204871 (22) 14.07.2017  
(54) Therapeutic compositions  
(62) 2014268234

(71) LG Electronics Inc.  
(21) 2017206144 (22) 17.07.2017  
(54) Water purifier  
(31) 10-2016-0090827 (32) 18.07.16 (33) KR

(71) Lightlab Imaging, Inc  
(21) 2017206136 (22) 17.07.2017  
(54) METHOD AND APPARATUS FOR AUTOMATED DETERMINATION OF A LUMEN CONTOUR OF A BLOOD VESSEL  
(62) 2013360356

(71) Lutnick, H.  
(21) 2017204904 (22) 16.07.2017

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(54) PRODUCTS AND PROCESSES FOR PROCESSING INFORMATION RELATED TO WEATHER AND OTHER EVENTS  
(62) 2015203642

(71) Major, S.  
(21) 2017204763 (22) 11.07.2017  
(54) AN ITEM OF SECURITY APPAREL

(71) MasterCard International Incorporated  
(21) 2017204847 (22) 13.07.2017  
(54) METHOD AND SYSTEM OF DETECTING AND USING GEOFENCING FOR FRAUD DETECTION AND MODELING  
(62) 2014249533

(71) Mavrik Dental Systems Ltd.  
(21) 2017204885 (22) 14.07.2017  
(54) Devices, Systems and Methods for the Whitening of Teeth  
(62) 2012309847

(71) McNeil-PPC, Inc.  
(21) 2017204804 (22) 12.07.2017  
(54) Combined portable thermal and vibratory treatment device  
(62) 2015202395

(71) MED-EL Elektromedizinische Geraete GmbH  
(21) 2017204812 (22) 12.07.2017  
(54) Electrode lead with integrated attachment mechanism  
(62) 2014360383

(71) Melinta Therapeutics, Inc.  
(21) 2017204803 (22) 12.07.2017  
(54) Antimicrobial Compounds And Methods Of Making And Using The Same  
(62) 2012271228

(71) Merck Sharp & Dohme Corp.  
(21) 2017204893 (22) 14.07.2017  
(54) Method for purifying Fc-fusion protein  
(62) 2012282960

(71) Microbiotix, Inc.  
(21) 2017204761 (22) 11.07.2017  
(54) Antimicrobial potentiators  
(62) 2014259608

(71) Milux Holding S.A.  
(21) 2017204861 (22) 13.07.2017  
(54) Apparatus for controlling flow of intestinal contents in a patient's intestines  
(62) 2015200333

(71) Mitsubishi Electric Corporation  
(21) 2017204798 (22) 12.07.2017

(54) Heat insulating box body and refrigerator or  
(62) 2016216581

Mohr, C. see Thirion, C.  
(21) 2017204774

(71) Molecular Health GmbH  
(21) 2017204896 (22) 14.07.2017  
(54) Novel tissue protective erythropoietin receptor (NEPOR) and methods of use  
(62) 2015203694

(71) Multisteps Pty Ltd  
(21) 2017204872 (22) 14.07.2017  
(54) An Enhanced Produce Container  
(31) 2016902796 (32) 15.07.16 (33) AU

(71) MX PRODUCTION  
(21) 2017204749 (22) 11.07.2017  
(54) Command and control device for sails of sailboats or kite sails  
(31) 1656874 (32) 19.07.16 (33) FR

(71) National Yang-Ming University  
(21) 2017204887 (22) 14.07.2017  
(54) COMPOUNDS AND METHODS FOR ENHANCING ERYTHROPOIESIS  
(62) 2013201714

(71) Nevro Corporation  
(21) 2017204827 (22) 13.07.2017  
(54) SELECTIVE HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN WITH REDUCED SIDE EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS  
(62) 2015201052

(71) Nexus Spine, L.L.C.  
(21) 2017204899 (22) 14.07.2017  
(54) Surgical Construct Coupling System  
(62) 2013334732

(71) Nicholson, V.  
(21) 2017206151 (22) 17.07.2017  
(54) A system for oxidation of water contaminants  
(31) 2016903181 (32) 12.08.16 (33) AU

(71) Nicira, Inc.  
(21) 2017204764 (22) 11.07.2017  
(54) Chassis controllers for converting universal flows  
(62) 2015258164

(71) Nicira, Inc.  
(21) 2017204765 (22) 11.07.2017  
(54) Network control system for configuring middleboxes  
(62) 2015258160

(71) Nifty Lift Pty Ltd  
(21) 2017204783 (22) 12.07.2017  
(54) Controller for a platform of an elevating work platform  
(31) 2016902781 (32) 15.07.16 (33) AU

(71) Novartis AG  
(21) 2017204894 (22) 14.07.2017  
(54) Prediction of treatment response to JAK/STAT inhibitor  
(62) 2013295855

(71) Novozymes Bioag A/S  
(21) 2017204787 (22) 12.07.2017  
(54) Seed treatment methods and compositions  
(62) 2016200540

Novozymes BioAg A/S see Novozymes Biologicals, Inc.  
(21) 2017204796

(71) Novozymes Biologicals, Inc.; Novozymes BioAg A/S  
(21) 2017204796 (22) 12.07.2017  
(54) Combinations of lipo-chitooligosaccharides and methods for use in enhancing plant growth  
(62) 2016201191

(71) NTT DOCOMO, INC.  
(21) 2017204898 (22) 14.07.2017  
(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) 2016201031

(71) Oculeve, Inc.  
(21) 2017204782 (22) 12.07.2017  
(54) Nasal stimulation devices and methods  
(62) 2015203275

(71) One World LED Pty Ltd  
(21) 2017204785 (22) 12.07.2017  
(54) MEDIA CONTROL METHOD AND SYSTEM  
(31) 2016902736 (32) 12.07.16 (33) AU

(71) OUT OF THE BOX BOAT TRAILERS PTY LTD  
(21) 2017204836 (22) 13.07.2017  
(54) MULTI-PURPOSE TRAILER

(71) Palmer Labs, LLC; 8 Rivers Capital, LLC  
(21) 2017204829 (22) 13.07.2017

Complete Applications Filed - Name Index cont'd

(54) System and method for high efficiency power generation using a carbon dioxide circulating working fluid  
(62) 2014233697

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(71) Parsonage, H.  
(21) 2017204750 (22) 11.07.2017  
(54) A Portable Container  
(31) 2016902740 (32) 13.07.16 (33) AU

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(71) Patent Investment & Licensing Company  
(21) 2017206146 (22) 17.07.2017  
(54) Generating a Score Related to Play on Gaming Devices  
(62) 2015205891

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(71) PayPal, Inc.  
(21) 2017204849 (22) 13.07.2017  
(54) Persistent location tracking on mobile devices and location profiling  
(62) 2016200873

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(71) PayPal Inc.  
(21) 2017204769 (22) 12.07.2017  
(54) Differential client-side encryption of information originating from a client  
(62) 2012315382

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(71) Progel Pty Ltd  
(21) 2017204844 (22) 13.07.2017  
(54) Coating composition  
(62) 2013350329

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(71) Progress Profiles SpA  
(21) 2017204790 (22) 12.07.2017  
(54) Profiled element for laying raised floors, and raised floor comprising such profiled element  
(31) 102016000081448 (32) 03.08.16 (33) IT

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(71) Pulse Technologies, Inc.  
(21) 2017206164 (22) 18.07.2017  
(54) Titanium based ceramic reinforced alloy  
(31) 62/363,497 (32) 18.07.16 (33) US

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(71) Radio Systems Corporation  
(21) 2017204821 (22) 13.07.2017  
(54) Apparatus, systems and methods for generating voltage excitation waveforms  
(31) 15/210,498 (32) 14.07.16 (33) US

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(71) Reid, C.  
(21) 2017204866 (22) 13.07.2017  
(54) A METHOD FOR PRODUCING MULTIPOTENT, PLURIPOTENT, AND/OR SELF-RENEWING CELLS FROM THE SELECTED CELLS  
(62) 2014271317

(71) ResMed Sensor Technologies Limited  
(21) 2017204883 (22) 14.07.2017  
(54) Contactless and minimal-contact monitoring of quality of life parameters for assessment and intervention  
(62) 2016204801

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(71) RION CO., LTD.  
(21) 2017204828 (22) 13.07.2017  
(54) Manufacturing device of nerve conduits  
(31) 10-2017-0052372 (32) 24.04.17 (33) KR

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(71) Risco USA Corporation  
(21) 2017204880 (22) 14.07.2017  
(54) Machine and method for high speed cutting and portioning of extruded products  
(62) 2012267912

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(71) Rohm and Haas Company  
(21) 2017204813 (22) 12.07.2017  
(54) PAINT COMPOSITION  
(31) 62/372,056 (32) 08.08.16 (33) US

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(71) Rolling Optics AB  
(21) 2017204911 (22) 17.07.2017  
(54) HIGH-SPEED MANUFACTURING OF PRINTED PRODUCT MICRO FEATURES  
(62) 2013338691

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(71) Rovi Guides, Inc.  
(21) 2017204770 (22) 12.07.2017  
(54) Client-Server Electronic Program Guide  
(62) 2015221530

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**Ruzsics, Z. see Thirion, C.**  
(21) 2017204774

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(71) Samsung Electronics Co., Ltd.  
(21) 2017204781 (22) 12.07.2017  
(54) REFRIGERATOR  
(31) 10-2016-0088473 (32) 13.07.16 (33) KR

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(71) SAS Systems Australia Pty Ltd  
(21) 2017204842 (22) 13.07.2017  
(54) Methods and Apparatus for Interconnecting Aluminium Extrusions  
(31) 2016902743 (32) 13.07.16 (33) AU

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(71) Selecta Biosciences, Inc.  
(21) 2017204814 (22) 12.07.2017  
(54) CONTROLLED RELEASE OF IMMUNOSUPPRESSANTS FROM SYNTHETIC NANOCARRIERS  
(62) 2012249419

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**Shandong Energy Heavy Equipment Group Dazhu Remanufacturing Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.**

(21) 2017204780

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**Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.**  
(21) 2017204780

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(71) Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.; Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd.; Shandong Energy Heavy Equipment Group Dazhu Remanufacturing Co., Ltd.  
(21) 2017204780 (22) 12.07.2017  
(54) A METHOD FOR IMPROVING THE WEAR RESISTANCE OF THE METAL SURFACE  
(31) 201610907010.2 (32) 18.10.16 (33) CN

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(71) Shin-Etsu Chemical Co., Ltd.  
(21) 2017204873 (22) 14.07.2017  
(54) Sustained Release Pheromone Formulation  
(62) 2013248249

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(71) Simpson Strong-Tie Company, Inc.  
(21) 2017204808 (22) 12.07.2017  
(54) Teardrop and offset notch bridging connector  
(62) 2013384149

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(71) Smart Payment Solutions Pty Ltd  
(21) 2017204901 (22) 14.07.2017  
(54) COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR PROCESSING HEALTHCARE TRANSACTIONS  
(31) 2016902792 (32) 15.07.16 (33) AU

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(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION  
(21) 2017206155 (22) 17.07.2017  
(54) GENERALISED JET-EFFECT  
(31) 15/648,469 (32) 13.07.17 (33) US

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(71) Sony Corporation  
(21) 2017204793 (22) 12.07.2017  
(54) Image-processing device and method  
(62) 2013327962

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(71) Sony Corporation  
(21) 2017204879 (22) 14.07.2017  
(54) Electronic apparatus in wireless communications system, and mobility measurement method  
(62) 2015281599

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(71) Stratatech Corporation  
(21) 2017206148 (22) 17.07.2017  
(54) Cryopreservation of viable human skin substitutes  
(62) 2014244264



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(71) Stryker European Holdings I, LLC  
 (21) 2017204876 (22) 14.07.2017  
 (54) SPINAL FIXATION ASSEMBLY  
 (31) 62/362,690 (32) 15.07.16 (33) US

(71) Sulzer Management AG  
 (21) 2017206163 (22) 18.07.2017  
 (54) Inlet device for a vertical pump and an arrangement comprising such an inlet device  
 (31) 16184145.7 (32) 15.08.16 (33) EP

(71) Tata Consultancy Services Limited  
 (21) 2017205114 (22) 17.07.2017  
 (54) METHOD AND SYSTEM FOR VEHICLE SPEED PROFILE GENERATION  
 (31) 201621024234 (32) 15.07.16 (33) IN

(71) Tech 21 Licensing Limited  
 (21) 2017204854 (22) 13.07.2017  
 (54) A case for a portable electronic device  
 (31) 1612241.8 (32) 14.07.16 (33) GB

(71) Tekmira Pharmaceuticals Corporation  
 (21) 2017206154 (22) 17.07.2017  
 (54) SITE-SPECIFIC DELIVERY OF NUCLEIC ACIDS BY COMBINING TARGETING LIGANDS WITH ENDOSOMOLYTIC COMPONENTS  
 (62) 2015252117

(71) TEKO TELECOM S.r.l.  
 (21) 2017204747 (22) 11.07.2017  
 (54) Optical Transceiver Module for Communications in DAS Systems  
 (31) 102016000073455 (32) 13.07.16 (33) IT

(71) Tepha, Inc.  
 (21) 2017204789 (22) 12.07.2017  
 (54) Absorbable implants for plastic surgery  
 (62) 2014286999

(71) Tersus Pharmaceuticals, LLC  
 (21) 2017206159 (22) 18.07.2017  
 (54) Compositions and methods comprising C16:1n7-palmitoleate  
 (62) 2015238924

(71) The Boeing Company  
 (21) 2017204867 (22) 14.07.2017  
 (54) Apparatus and methods to deploy a fluid flow channel  
 (31) 15/296,857 (32) 18.10.16 (33) US

(71) The Boeing Company  
 (21) 2017204875 (22) 14.07.2017  
 (54) Wing and method of manufacturing  
 (31) 15/245,769 (32) 24.08.16 (33) US

(71) The General Hospital Corporation  
 (21) 2017204819 (22) 13.07.2017  
 (54) METHODS OF TRANSCRIPTION ACTIVATOR LIKE EFFECTOR ASSEMBLY  
 (62) 2012284365

(71) The General Hospital Corporation  
 (21) 2017204909 (22) 17.07.2017  
 (54) USING RNA-GUIDED FOKI NUCLEASES (RFNS) TO INCREASE SPECIFICITY FOR RNA-GUIDED GENOME EDITING  
 (62) 2014227653

(71) The Gillette Company LLC  
 (21) 2017204757 (22) 11.07.2017  
 (54) RAZOR CARTRIDGE GUARD STRUCTURE  
 (62) 2014348643

(71) The Penn State Research Foundation  
 (21) 2017204776 (22) 12.07.2017  
 (54) RADIO FREQUENCY TREATMENT TO PHYTOSANITIZE WOOD PACKAGING MATERIALS USED IN INTERNATIONAL SHIPPING  
 (31) 62/439,314 (32) 27.12.16 (33) US

(71) THF Innovation Pty Ltd  
 (21) 2017204889 (22) 14.07.2017  
 (54) Ballistic shield  
 (31) 2016902788 (32) 15.07.16 (33) AU

(71) Thirion, C.; Koszinowski, U.; Mohr, C.; Ruzsics, Z.  
 (21) 2017204774 (22) 12.07.2017  
 (54) VACCINE AGAINST BETA-HERPESVIRUS INFECTION AND USE THEREOF  
 (62) 2015215948

(71) Toskas, C.  
 (21) 2017204746 (22) 10.07.2017  
 (54) Red or Black  
 (31) 2017900344 (32) 03.02.17 (33) AU

(71) Toyota Jidosha Kabushiki Kaisha  
 (21) 2017204868 (22) 14.07.2017  
 (54) Control device for vehicle and control method for vehicle  
 (31) 2016-145573 (32) 25.07.16 (33) JP

(71) Uniline Australia Limited  
 (21) 2017204755 (22) 11.07.2017  
 (54) A Track Guided Blind or Awning System  
 (31) 2016902734 (32) 12.07.16 (33) AU

(71) University of Leicester  
 (21) 2017204869 (22) 14.07.2017  
 (54) METHODS AND APPARATUS FOR X-RAY DIFFRACTION  
 (62) 2013250980

(71) University of Washington Center for Commercialization  
 (21) 2017204805 (22) 12.07.2017  
 (54) Chromophoric polymer dots  
 (62) 2015204342

(71) Valve Medical Ltd  
 (21) 2017204775 (22) 12.07.2017  
 (54) Method and apparatus for fine adjustment of a percutaneous valve structure  
 (62) 2015202054

(71) Vascular Insights LLC  
 (21) 2017204839 (22) 13.07.2017  
 (54) Direction reversing vascular treatment device  
 (62) 2015203121

(71) Vaxii Therapeutics, LLC  
 (21) 2017204745 (22) 10.07.2017  
 (54) THERAPEUTIC COMPOSITIONS AND METHODS FOR ANTIBODY AND FC-CONTAINING TARGETING MOLECULE-BASED TARGETED DELIVERY OF BIOACTIVE MOLECULES BY BACTERIAL MINICELLS  
 (62) 2012217728

(71) Vayeron Technologies Pty Ltd  
 (21) 2017206138 (22) 17.07.2017  
 (54) Improvements In Rotating Shaft and Component Monitoring, Methods and Communications Systems Therefor  
 (31) 2016902809 (32) 18.07.16 (33) AU

(71) Vidacare LLC  
 (21) 2017204794 (22) 12.07.2017  
 (54) Intraosseous device handles, systems, and methods  
 (62) 2013381963

(71) Video Carsales Pty Ltd  
 (21) 2017204593 (22) 05.07.2017  
 (54) Car sales app that provides a live video experience of car products. Sellers can upload videos of their cars to create a visual experience for purchasers.

(71) Vitel Australia Pty Ltd  
 (21) 2017204912 (22) 17.07.2017  
 (54) Spray Drift Adjuvant Formulation and Method of Use  
 (62) 2013315338

(71) W. L. Gore & Associates, Inc.  
 (21) 2017204779 (22) 12.07.2017

Complete Applications Filed - Name Index cont'd

(54) Coating for substrate  
(62) 2014211351

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(71) Weatherford Technology Holdings, LLC  
(21) 2017204825 (22) 13.07.2017  
(54) Bidirectional downhole isolation valve  
(62) 2014302291

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(71) WisTa Laboratories Ltd  
(21) 2017206141 (22) 17.07.2017  
(54) Methods of chemical synthesis of  
diaminophenothiazinium compounds  
including methylthionium chloride  
(MTC)  
(62) 2014333610

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(71) Wolzien LLC  
(21) 2017204840 (22) 13.07.2017  
(54) Video Call Center  
(62) 2013306175

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(71) Xencor, Inc.  
(21) 2017204797 (22) 12.07.2017  
(54) Antibodies with modified isoelectric  
points  
(62) 2011283694

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(71) Yale University  
(21) 2017204748 (22) 11.07.2017  
(54) (-)-Huperzine A processes and related  
compositions and methods of treatment  
(62) 2012226251

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(71) ZELAM LIMITED  
(21) 2017204767 (22) 12.07.2017  
(54) HERBICIDAL COMPOSITIONS  
(62) 2014203831

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(71) Zimmer, Inc.  
(21) 2017204826 (22) 13.07.2017  
(54) ELBOW PROSTHESIS  
(62) 2013277131

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2017204593	Video Carsales Pty Ltd	2017204807	Danha & Nachabe Pty Ltd
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2017204745	Vaxion Therapeutics, LLC	2017204810	Facebook, Inc.
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2017204748	Yale University	2017204813	Rohm and Haas Company
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2017204750	Parsonage, H.	2017204815	Herman Miller, Inc.
2017204751	FaceCake Marketing Technologies, Inc.	2017204816	E. I. du Pont de Nemours and Company
2017204754	Ishida Co., Ltd.	2017204817	Kyungpook National University Industry-Academic Co-operation Foundation
2017204755	Uniline Australia Limited	2017204819	The General Hospital Corporation
2017204756	bioOasis Technologies Inc.	2017204820	Gruppo Cimbali S.p.A.
2017204757	The Gillette Company LLC	2017204821	Radio Systems Corporation
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2017204764	Nicira, Inc.	2017204828	RION CO., LTD.
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2017204766	CZIEL, P.	2017204830	EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt
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2017204768	Airport Authority	2017204832	Biosense Webster (Israel) Ltd.
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2017204772	Ionis Pharmaceuticals, Inc.	2017204836	OUT OF THE BOX BOAT TRAILERS PTY LTD
2017204773	Alnylam Pharmaceuticals, Inc.	2017204837	Aristocrat Technologies Australia Pty Limited
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2017204778	Ecolab USA Inc.	2017204842	SAS Systems Australia Pty Ltd
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2017204790	Progress Profiles SpA	2017204854	Tech 21 Licensing Limited
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2017204804	McNeil-PPC, Inc.	2017204868	The Boeing Company
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		2017204871	Arrow International, Inc.
		2017204872	Leo Laboratories Limited
			Multisteps Pty Ltd

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2017206157	HSIN CHONG MACHINERY WORKS CO. LTD.; FUZHOU MINGFANG AUTOMOBILE PARTS INDUSTRY CO. LTD.		
2017206158	H.E.F.		
2017206159	Tersus Pharmaceuticals, LLC		
2017206161	ABB Schweiz AG		
2017206162	ARRIS Enterprises LLC		
2017206163	Sulzer Management AG		
2017206164	Pulse Technologies, Inc.		
2017206165	Dynamic Engineering Solutions		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jul 2017 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) 3D PROPERTY VIEW PTY. LTD. (21) 2017100955 (22) 12.07.2017 (54) An Electronic Multi-page Signboard with Solar Power and A/C Power options.</p> <hr/> <p>(71) 4 Ken Pty Ltd (21) 2017100965 (22) 14.07.2017 (54) Safety Barrier System for Buildings (31) 2016902795 (32) 15.07.16 (33) AU</p> <hr/> <p>(71) Batt, P.; Stagoll, C.; Boyle, H. (21) 2017100952 (22) 11.07.2017 (54) Creation of a mobile APP called Let's TALK. The mobile device Application is for either apple or android operating system. The APP is designed around helping the close inner circle of a young teen who may be suffering from a mental health. The APP will provide information for how a parent or friend, can help or identify what to say when encountering that situation. The APP will include areas to list the information. For example it will have a 'What to say?' area which will list questions parents for friends should say in providing support to a teenager suffering from mental health issues.</p> <hr/> <p>(71) Borg, J. (21) 2017100961 (22) 13.07.2017 (54) LOCATION-BASED SYSTEMS AND METHODS FOR FACILITATING AN IN-STORE SALES TRANSACTION</p> <hr/> <p><b>Boyle, H. see Batt, P.</b> (21) 2017100952</p> <hr/> <p>(71) Buildsafe Equipment Sales Pty Ltd (21) 2017100956 (22) 12.07.2017 (54) Reinforcement Insert</p> <hr/> <p>(71) Camec Pty Ltd (21) 2017100962 (22) 13.07.2017 (54) POWER POINT FOR RECREATIONAL VEHICLE</p> <hr/> <p>(71) Chavaux, M. (21) 2017100958 (22) 12.07.2017 (54) Headrest used when sitting. Used on flights.</p> <hr/>	<p>(71) dokami, s. (21) 2017100967 (22) 16.07.2017 (54) Tooth Shape Dental Implant</p> <hr/> <p>(71) Durairaj, N.; Natesan, S. (21) 2017100951 (22) 11.07.2017 (54) A method of rapid production of chemical free organic salami</p> <hr/> <p><b>Eldridge, D. see Filewood, P.</b> (21) 2017100949</p> <hr/> <p>(71) Filewood, P.; Eldridge, D. (21) 2017100949 (22) 11.07.2017 (54) TEMPORARY PAVEMENT MARKING SYSTEM</p> <hr/> <p>(71) Fitness Engineers Pty Ltd (21) 2017100971 (22) 17.07.2017 (54) Remote configuration and operation of fitness studios from a central server (62) 2016101429</p> <hr/> <p>(71) GINARD, G. (21) 2017100975 (22) 14.07.2017 (54) "FORE!" WARNED (A BACKUP ELECTRONIC WIRELESS DEVICE AS TO WARN PEOPLE ON THE GOLF COURSE OF A WAYWARD HIT GOLF BALL) (31) 2017900253 (32) 19.01.17 (33) AU</p> <hr/> <p>(71) IgGENE Ltd (21) 2017100957 (22) 12.07.2017 (54) IGM antibody, composition and kit comprising it for treatment or diagnosis of a disease (31) 202016104050.7 (32) 25.07.16 (33) DE</p> <hr/> <p>(71) Liqwd, Inc. (21) 2017100950 (22) 11.07.2017 (54) Methods and formulations for curling hair (31) 62/361,366 (32) 12.07.16 (33) US 15/282,795 30.09.16 US 62/380,020 26.08.16 US</p> <hr/> <p>(71) Macau University of Science and Technology (21) 2017100960 (22) 13.07.2017 (54) Method of identifying a gene associated with a disease or pathological condition of the disease</p> <hr/>	<p>(71) Macau University of Science and Technology (21) 2017100972 (22) 17.07.2017 (54) Systems and Methods for Reducing Computer Resources Consumption to Reconstruct Shape of Multi-Object Image (31) 15/635,217 (32) 28.06.17 (33) US</p> <hr/> <p><b>Natesan, S. see Durairaj, N.</b> (21) 2017100951</p> <hr/> <p><b>Nieuwoudt, M. see Nieuwoudt, L.</b> (21) 2017100970</p> <hr/> <p>(71) Nieuwoudt, L.; Nieuwoudt, M. (21) 2017100970 (22) 17.07.2017 (54) Modular Pet Maze</p> <hr/> <p>(71) Parks Industries Pty Ltd (21) 2017100963 (22) 14.07.2017 (54) Light Tower</p> <hr/> <p><b>Shandong Energy Heavy Equipment Group Dazu Remanufacturing Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.</b> (21) 2017100953</p> <hr/> <p><b>Shandong Energy Heavy Equipment Group Dazu Remanufacturing Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.</b> (21) 2017100954</p> <hr/> <p><b>Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.</b> (21) 2017100953</p> <hr/> <p><b>Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd. see Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.</b> (21) 2017100954</p> <hr/> <p>(71) Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.; Shandong Energy Heavy Equipment Group Dazu Remanufacturing Co., Ltd.; Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd. (21) 2017100953 (22) 12.07.2017</p>
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(54) AN EMBOSSED STRUCTURE ON  
THE METAL SURFACE  
(31) 201610907009.X (32) 18.10.16 (33) CN

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(71) Shandong Energy Heavy Equipment  
Manufacturing Group Co., Ltd.; Shan-  
dong Energy Heavy Equipment Group  
Dazu Remanufacturing Co., Ltd.; Shan-  
dong Energy Heavy Equipment Group  
Hengtu Technology Co., Ltd.  
(21) 2017100954 (22) 12.07.2017  
(54) A SCRAPER AND A REVERSED  
LOADER WITH THE CLADDED TEX-  
TURE  
(31) 201610907673.4 (32) 18.10.16 (33) CN

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(71) Slaven, K.  
(21) 2017100969 (22) 16.07.2017  
(54) GaiaMon: Fictional creatures that  
live in the wilderness but are curious  
about humans. Humans can trap/catch  
and tame them. Taming is a lengthy  
process. Once tamed, the GaiaMon  
are fiercely loyal and loving of their  
Tamer. GaiaMon draw their powers  
from Nature. There are many Famil-  
ies with various Species within each  
Family. GaiaMon hatch and grow from  
baby, adolescent to adult stages by bat-  
tling and gaining power from Nature.  
Two adults can 'merge' with other Fam-  
ilies/Species to 'transform' into one of  
a combined Species much more power-  
ful than the two. GaiaMon keep Nature  
balanced.

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Stagoll, C. see Batt, P.  
(21) 2017100952

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(71) The Trustee for Aquino Family Trust  
(21) 2017100966 (22) 16.07.2017  
(54) Relief Staff Maestro - Education (1st  
Phase)  
(31) 2016902797 (32) 15.07.16 (33) AU

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(71) TRANSPORTME Pty Ltd  
(21) 2017100964 (22) 14.07.2017  
(54) Systems and methods for a convey-  
ance  
(62) 2015101437

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(71) Valley Longwall International Pty Ltd  
(21) 2017100948 (22) 11.07.2017  
(54) Supercharger clutch  
(62) 2014406103

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<b>2017100948</b>	Valley Longwall International Pty Ltd	<b>2017100956</b>	Buildsafe Equipment Sales Pty Ltd
<b>2017100949</b>	Filewood, P.; Eldridge, D.	<b>2017100957</b>	IgGENE Ltd
<b>2017100950</b>	Liqwd, Inc.	<b>2017100958</b>	Chavaux, M.
<b>2017100951</b>	Durairaj, N.; Natesan, S.	<b>2017100960</b>	Macau University of Science and Technology
<b>2017100952</b>	Batt, P.; Stagoll, C.; Boyle, H.	<b>2017100961</b>	Borg, J.
<b>2017100953</b>	Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.; Shandong Energy Heavy Equipment Group Dazu Remanufacturing Co., Ltd.; Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd.	<b>2017100962</b>	Camec Pty Ltd
<b>2017100954</b>	Shandong Energy Heavy Equipment Manufacturing Group Co., Ltd.; Shandong Energy Heavy Equipment Group Dazu Remanufacturing Co., Ltd.; Shandong Energy Heavy Equipment Group Hengtu Technology Co., Ltd.	<b>2017100963</b>	Parks Industries Pty Ltd
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		<b>2017100965</b>	4 Ken Pty Ltd
		<b>2017100966</b>	The Trustee for Aquino Family Trust
		<b>2017100967</b>	dokami, s.
		<b>2017100969</b>	Slaven, K.
		<b>2017100970</b>	Nieuwoudt, L.; Nieuwoudt, M.
		<b>2017100971</b>	Fitness Engineers Pty Ltd
		<b>2017100972</b>	Macau University of Science and Technology
		<b>2017100975</b>	GINARD, G.

**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

**2001**

2001226086 ( 14 )

**2002**

2002216844 ( 14 )    2002243476 ( 14 )    2002364046 ( 14 )

**2003**

2003200007 ( 14 )    2003288764 ( 14 )    2003288788 ( 14 )  
 2003290402 ( 14 )    2003290424 ( 14 )    2003298477 ( 14 )  
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 2011350656 ( 4C )    2011350979 ( 4C )    2011352037 ( 4C )  
 2011352077 ( 4C )    2011352131 ( 4C )    2011353122 ( 4C )  
 2011353205 ( 4C )    2011353419 ( 14 )    2011353517 ( 4C )  
 2011354100 ( 4C )    2011354196 ( 14 )    2011354197 ( 14 )  
 2011354198 ( 14 )    2011359822 ( 4C )    2011383563 ( 14 )

**2012**

2012200019 ( 4C )    2012200048 ( 14 )    2012201956 ( 14 )  
 2012202925 ( 5C )    2012203778 ( 4D )    2012204404 ( 4C )  
 2012204871 ( 4C )    2012206690 ( 4C )    2012210565 ( 25D )  
 2012211044 ( 5C )    2012216362 ( 5C )    2012236739 ( 5C )  
 2012239864 ( 5C )    2012244227 ( 5C )    2012245002 ( 5C )  
 2012257428 ( 5C )    2012257469 ( 5C )    2012261972 ( 5C )  
 2012262681 ( 5C )    2012268902 ( 14 )    2012268906 ( 14 )  
 2012270056 ( 5C )    2012271814 ( 5C )    2012272860 ( 5C )  
 2012273589 ( 5C )    2012277738 ( 5C )    2012279202 ( 5C )  
 2012282238 ( 5C )    2012284571 ( 5C )    2012287345 ( 5C )  
 2012289065 ( 5C )    2012290342 ( 5C )    2012291150 ( 5C )  
 2012292945 ( 5C )    2012298213 ( 5C )    2012303372 ( 5C )  
 2012303609 ( 5C )    2012304412 ( 5C )    2012308087 ( 5C )  
 2012311020 ( 5C )    2012313968 ( 5C )    2012314020 ( 5C )  
 2012327514 ( 5C )    2012328075 ( 5C )    2012328199 ( 5C )  
 2012331963 ( 14 )    2012340763 ( 5C )    2012344015 ( 5C )  
 2012352971 ( 5C )    2012357895 ( 25D )    2012357931 ( 25D )  
 2012360818 ( 4C )    2012362200 ( 4C )    2012362284 ( 4C )  
 2012362326 ( 4C )    2012380672 ( 14 )    2012384575 ( 5C )  
 2012388629 ( 14 )    2012396638 ( 14 )    2012397797 ( 4C )  
 2012397798 ( 4C )    2012397799 ( 4C )    2012397897 ( 4C )  
 2012397901 ( 14 )

**2013**

2013100862 ( 22E )    2013101683 ( 22E )    2013101720 ( 22E )  
 2013200002 ( 14 )    2013200014 ( 4C )    2013200016 ( 4C )  
 2013200032 ( 4C )    2013200037 ( 4B )    2013200055 ( 14 )  
 2013200081 ( 14 )    2013200925 ( 14 )    2013205134 ( 14 )  
 2013206680 ( 5C )    2013206702 ( 5C )    2013206703 ( 5C )  
 2013206845 ( 4C )    2013206935 ( 4C )    2013207466 ( 4B )  
 2013207510 ( 4C )    2013207630 ( 1B )    2013208273 ( 14 )  
 2013209269 ( 5C )    2013209341 ( 1B )    2013229177 ( 25D )  
 2013231115 ( 14 )    2013231148 ( 14 )    2013271788 ( 5C )



2013280549 ( 25D ) 2013283524 ( 25D ) 2013287307 ( 5C )  
 2013289037 ( 5C ) 2013292027 ( 5C ) 2013295603 ( 1B )  
 2013295628 ( 1B ) 2013295634 ( 1B ) 2013295755 ( 1B )  
 2013297707 ( 1B ) 2013298325 ( 1B ) 2013313724 ( 5C )  
 2013327485 ( 5C ) 2013328679 ( 1B ) 2013328953 ( 1B )  
 2013329241 ( 1B ) 2013329379 ( 1B ) 2013329615 ( 1B )  
 2013331137 ( 1B ) 2013331212 ( 1B ) 2013344660 ( 5C )  
 2013390618 ( 5C ) 2013394505 ( 25D )

**2014**

2014100003 ( 22E ) 2014100012 ( 22E ) 2014101530 ( 22E )  
 2014202653 ( 5C ) 2014221297 ( 4C ) 2014227664 ( 1B )  
 2014230098 ( 1B ) 2014233116 ( 1B ) 2014233229 ( 1B )  
 2014233420 ( 1B ) 2014233503 ( 1B ) 2014237330 ( 1B )  
 2014237511 ( 5C ) 2014237614 ( 25D ) 2014238377 ( 1B )  
 2014239852 ( 5C ) 2014239972 ( 1B ) 2014243465 ( 25D )  
 2014249931 ( 5C ) 2014250703 ( 5C ) 2014255597 ( 25D )  
 2014260863 ( 5C ) 2014265120 ( 5C ) 2014270027 ( 5C )  
 2014272390 ( 5C ) 2014286661 ( 5C ) 2014289961 ( 5C )  
 2014290506 ( 5C ) 2014318027 ( 5C ) 2014368881 ( 1B )  
 2014380147 ( 5C )

**2015**

2015100002 ( 22E ) 2015200852 ( 5C ) 2015201393 ( 5C )  
 2015201873 ( 5C ) 2015202137 ( 4C ) 2015202637 ( 5C )  
 2015202761 ( 5C ) 2015203019 ( 1B ) 2015203404 ( 4C )  
 2015203580 ( 5C ) 2015203598 ( 5C ) 2015204371 ( 5C )  
 2015204386 ( 5C ) 2015205870 ( 5C ) 2015207948 ( 5C )  
 2015210479 ( 5C ) 2015215935 ( 5C ) 2015218430 ( 5C )  
 2015218559 ( 5C ) 2015221450 ( 5C ) 2015224499 ( 5C )  
 2015234305 ( 5C ) 2015234317 ( 5C ) 2015242952 ( 5C )  
 2015245954 ( 5C ) 2015258276 ( 5C ) 2015258281 ( 5C )  
 2015261680 ( 5C ) 2015268657 ( 5C ) 2015268716 ( 4C )  
 2015286832 ( 1B )

**2016**

2016200714 ( 25D ) 2016202727 ( 5C ) 2016202971 ( 5CN )  
 2016203202 ( 5C ) 2016203346 ( 12C ) 2016203857 ( 5C )  
 2016902842 ( 17AN ) 2016902843 ( 17AN )

**2017**

2017100456 ( 18AN ) 2017100465 ( 18AN ) 2017202590 ( 1B )  
 2017202630 ( 1B ) 2017202756 ( 7AN ) 2017204750 ( 12AN )  
 2017901712 ( 17AN )

**Assignments before Grant, Section 113**

**2012**

2012219026 National ICT Australia Limited The application has been assigned to **iOmniscient Pty Ltd**

2012340677 SimpliVity Corporation The application has been assigned to **Hewlett Packard Enterprise Development LP**

**2013**

2013222310 SimpliVity Corporation The application has been assigned to **Hewlett Packard Enterprise Development LP**

2013243286 Geomatters, LLC The application has been assigned to **INGIOS GEOTECHNICS, INC.**

2013335374 Fisher & Paykel Healthcare Limited; Hanley, Colette; McFedries, Jonathan The application has been assigned to **Fisher & Paykel Healthcare Limited**

**Assignments before Grant, Section 113**

2013403995 Halliburton Energy Services, Inc. The application has been assigned to **PETRÓLEO BRASILEIRO S.A. – PETROBRAS; Halliburton Energy Services, Inc.**

**2014**

2014211815 Schmidt, Patrick; Potters, Katja The application has been assigned to **Schmidt, Patrick**

2014252898 Fridgeland UK Limited The application has been assigned to **Aerofoil Energy Limited**

2014293011 Update Pharma Inc. The application has been assigned to **Race Oncology Ltd.**

2014293013 Update Pharma Inc. The application has been assigned to **Race Oncology Ltd.**

2014293140 Allergan, Inc. The application has been assigned to **Serenity Pharmaceuticals LLC**

2014293141 Allergan, Inc. The application has been assigned to **Serenity Pharmaceuticals LLC**

2014302291 Weatherford/Lamb, Inc. The application has been assigned to **Weatherford Technology Holdings, LLC**

2014308568 Wallis Coombe Pty Ltd as trustee for Sleuky Family Trust The application has been assigned to **Innovgas Pty Ltd**

2014308938 SimpliVity Corporation The application has been assigned to **Hewlett Packard Enterprise Development LP**

2014336976 Wallis Coombe Pty Ltd as trustee for Sleuky Family Trust The application has been assigned to **Innovgas Pty Ltd**

2014369819 Majeed, Muhammed The application has been assigned to **Sami Labs Limited**

2014377527 HTCeramix S.A. The application has been assigned to **EZ-Energies GmBH**

**2015**

2015243006 STRAUS HOLDINGS INC. The application has been assigned to **First Light Biosciences, Inc.**

2015255248 Mine Equipment Pty Ltd The application has been assigned to **JUSAND NOMINEES PTY LTD**

2015261630 Allergan, Inc. The application has been assigned to **Serenity Pharmaceuticals LLC**

2015263286 Helsingin Yliopisto The application has been assigned to **Valo Therapeutics Oy**

2015263981 Google Inc. The application has been assigned to **Waymo LLC**

**Assignments before Grant, Section 113**

2015268770 Eureka Navigation Solutions AG The application has been assigned to **ASTO Telematics GmbH**

2015268776 F. Hoffmann-La Roche AG The application has been assigned to **Genentech, Inc.**

2015309681 Wallis Coombe Pty Ltd as trustee for Sleuky Family Trust The application has been assigned to **Innovgas Pty Ltd**

2015343392 Graco Fluid Handling (B) Inc. The application has been assigned to **Graco Minnesota Inc.**

2015343395 Graco Fluid Handling (B) Inc. The application has been assigned to **Graco Minnesota Inc.**

2015371172 MorphoSys AG The application has been assigned to **LanthioPep B.V.**

**2016**

2016204306 Allergan, Inc. The application has been assigned to **Serenity Pharmaceuticals LLC**

2016206826 SimpliVity Corporation The application has been assigned to **Hewlett Packard Enterprise Development LP**

2016244206 Central Machinery Services Pty Ltd The application has been assigned to **CMS Sales Pty Ltd**

2016244324 Gilead Sciences, Inc. The application has been assigned to **Amygdala Neurosciences, Inc.**

2016263122 Soneter, Inc. The application has been assigned to **Reliance Worldwide Corporation**

2016902785 Nevgi, Umesh The application has been assigned to **Trimiti Moebius Design Pty Ltd**

2016902954 Kannar, David The application has been assigned to **Nutrition Science Design Pte. Ltd.**

2016902955 Kannar, David The application has been assigned to **Nutrition Science Design Pte. Ltd.**

2016902957 Kannar, David The application has been assigned to **Nutrition Science Design Pte. Ltd.**

**2017**

2017900009 4 Signs Pty Ltd The application has been assigned to **Sign Track Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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

**2003**

2003200816 **Quantax Pty Ltd** An application to extend the time from 15 Oct 2016 to 15 May 2017 in which to pay a renewal fee has been filed . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh St Sydney NSW 2000 AU

**2006**

2006316430 **Heikkila, M.** An application to extend the time from 27 Nov 2016 to 27 Jul 2017 in which to pay a renewal fee has been filed . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

**2011**

2011264426 **Bulk Handling Australia Group Pty Ltd** An application to extend the time from 22 Dec 2016 to 22 Dec 2017 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Morcom Pernat SE 10 475 Blackburn Rd Mount Waverley VIC 3149 AU

**2012**

2012244272 **Legend Corporate Services Pty Ltd** An application to extend the time from 30 Oct 2016 to 30 May 2017 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

**2014**

2014101433 **So, T.** An application to extend the time from 22 Dec 2016 to 22 Jul 2017 in which to pay a renewal fee has been filed . Address for service - Tze Lung So 122 Vimiera Road Marsfield NSW 2122 AU

**2016**

2016203658 **Tusker Medical, Inc.** An application to extend the time from 02 Dec 2016 to 02 Aug 2017 in which to pay a continuation fee has been filed . Address for service - Fisher Adams Kelly Callinans Level 6 175 Eagle Street BRISBANE QLD 4000 AU

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

**2013**

2013228051 **Goninan, B.** The time in which to pay the acceptance fee has been extended to 01 Apr 2017 . Address for service - CYCLOWATER GLOBAL PTY LTD 197 Stannix Park Rd Wilberforce NSW 2756 AU

2013318585 **Seldner, J.** The time in which to pay the acceptance fee has been extended to 23 Jun 2017 . Address for service - Michael D Eisenberg 10th Floor Selborne/Wentworth Chambers 174 Phillip Street Sydney NSW 2000 AU

**2017**

2017202039 **MOVING WATER ENTERPRISES PTY LTD** The time in which to request Examination has been extended to 04 Jul 2017 . Address for service - MOVING WATER ENTERPRISES PTY LTD 39 Fisher Street Portarlington VIC 3223 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.

**2008**

2008339910 Agents targeting CD138 and uses thereof **Biotest AG** The nature of the amendment is: Amend the name of the inventor to read Kraus, Elmar; Bruecher, Christoph; Daelken, Benjamin; Germer, Matthias; Zeng, Steffen; Osterroth, Frank; Uherek, Christoph; Aigner, Silke and Schulz, Gregor . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2009**

2009328318 Anti-cMet antibody **Pierre Fabre Medicament** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2011**

2011268072 ANTIBODIES USEFUL IN PASSIVE INFLUENZA IMMUNIZATION **Trellis Bioscience, LLC** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2011268899 Injectable formulation of a macrocyclic lactone and levamisole **Intervet International B.V.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

**2012**

2012343819 Apparatus and method for merging geometry-based spatial audio coding streams **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2013**

2013286998 Low-VOC cleaning substrates and compositions **The Clorox Company** The nature of the amendment is as shown in the statement(s) filed 18 May 2017 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2013348215 Fluid container cover **Lifefactory, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 May 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013363172 Truncated leaflet for prosthetic heart valves **W.L. Gore & Associates, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2013390586 Progressive cavity pump and method for operating same in boreholes **Husky Oil Operations Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2017 . Ad-

**Amendments**

dress for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014295833 Crash Cushion **Shinsung Control Co., Ltd.** The nature of the amendment is: Amend the priority details to read 10-2014-0057896 14 May 2014 KR and 10-2013-0133698 05 Nov 2013 KR . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2014364930 Micromolded or 3-D printed pulsatile release vaccine formulations **Tokitae LLC ; Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read Jaklenec, Ana; Gates, William; Eckhoff, Philip A.; Nikolic, Boris; Wood, Lowell L.; Langer, Robert S.; Nguyen, Thanh Duc; Tzeng, Stephany Yi; Norman, James J. and McHugh, Kevin . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2015**

2015275328 METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO DETERMINING INTER-PREDICTION REFERENCE PICTURE LIST DEPEND-ING ON BLOCK SIZE **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2017 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016204921 Portable electronic device, method, and graphical user interface for displaying structured electronic documents **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2017 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2017**

2017100548 Cable outlet device **Illinois Tool Works Inc.** The nature of the amendment is: Amend the name of the inventor to read Wheatley, Jason; Resanovic, Melisa; Marshall, Bryan Hugh; Wana, Andy; Stebbing, Brad; Wallworth, Tasman and Hanna, Zachary . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017100550 Cable storage device **Illinois Tool Works Inc.** The nature of the amendment is: Amend the name of the inventor to read Wheatley, Jason; Resanovic, Melisa; Marshall, Bryan Hugh; Wana, Andy; Stebbing, Brad; Wallworth, Tasman and Hanna, Zachary . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017100551 Aparatus for cable management **Illinois Tool Works Inc.** The nature of the amendment is: Amend the name of the inventor to read Wheatley, Jason; Resanovic, Melisa; Marshall, Bryan Hugh; Wana, Andy; Stebbing, Brad; Wallworth, Tasman and Hanna, Zachary . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017100555 Cable station **Illinois Tool Works Inc.** The nature of the amendment is: Amend the name of the inventor to read Wheatley, Jason; Resanovic, Melisa; Marshall, Bryan Hugh; Wana, Andy; Stebbing, Brad; Wallworth, Tasman and Hanna, Zachary . Address

**Amendments**

for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments Made**

**2012**

2012305570 **Takazono Technology Incorporated** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2017

2012358929 **E. I. du Pont de Nemours and Company; Sugar Research Australia Limited** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2017

**2013**

2013200095 **Esco Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2017

2013202912 **SENOMYX, INC** The nature of the amendment is: Amend the name of the inventor to read Tachdjian, Catherine; Karanewsky, Donald S.; Tang, Xiao-Qing; Zhang, Feng; Servant, Guy; Chen, Qing; Darmohusodo, Vincent; Fine, Richard; Fotsing, Joseph R.; Hammaker, Jeffrey Robert; Kimmich, Rachel D.A.; Klebansky, Boris; Liu, Haitian; Petrovic, Goran; Rinnova, Marketa; Adamski-Werner, Sara; Yamamoto, Jeffrey; Zhang, Hong; Zlotnik, Albert; Zoller, Mark; LI, Xiaodong and KANG, Xinshan

2013203272 **Agriculture Victoria Services Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Mar 2017

2013214295 **Fresenius Kabi Deutschland GmbH** The nature of the amendment is as shown in the statement(s) filed 07 Apr 2017

2013246648 **UCL Business PLC** The nature of the amendment is: Amend the name of the inventor to read Pule, Martin and Philip, Brian

2013251633 **Delmar Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2017

2013298462 **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e. V.** The nature of the amendment is: Amend the name of the inventor to read Kastner, Thorsten; Herre, Juergen; Terentiv, Leon and Hellmuth, Oliver

2013307505 **BD Switzerland Sarl** The nature of the amendment is: Amend the name of the inventor to read Lokkers, Eddy R.; Van De Koot, John; Van Wijngaarden, Arie; Boomsma, Sjoerd; Ganter, Stephan and Jorritsma, Minne

**2014**

2014201152 **Bayer New Zealand Limited** The nature of the amendment is: Amend the name of the inventor to read Leech, Wayne Frederick; Li, Steve; Li, Man Yik; Al Alawi, Fadil and NANJAN, Karthi-geyan

2014203277 **Ferring International Center SA** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2017

2014213759 **Chemsent Limited** The nature of the amendment is as shown in the statement(s) filed 08 Mar 2017

**Amendments**

2014224445 **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2017

2014271269 **OPKO HEALTH, INC.** The nature of the amendment is: Amend the name of the inventor to read WAN, Jiansheng; GUPTA, Pranav; MONTEITH, David and BHATTACHARYA, Soumendu

2014274931 **Warren, D.** The nature of the amendment is: Application is to proceed under the number 2014101613

2014292933 **Cardiovascular Systems, Inc.** The nature of the amendment is: Amend the name of the inventor to read Schoenle, Victor L.

2014344726 **Vasconcelos, S.; Zhang, B.; Miklas, J.; Xiao, Y.; Radisic, M.; Thavandiran, N.; Zhao, Y.** The nature of the amendment is as shown in the statement(s) filed 24 May 2016

2014413311 **Dalian Institute of Chemical Physics, Chinese Academy of Sciences** The nature of the amendment is: Amend the invention title to read Method for synthesizing nanoscale ZSM-5 molecular sieve

**2015**

2015100994 **WiseTech Global Limited** The nature of the amendment is: Amend the name of the inventor to read BUSSING, Mathew and SHAW, Ryan

2015100995 **WiseTech Global Limited** The nature of the amendment is: Amend the name of the inventor to read BUSSING, Mathew and SHAW, Ryan

2015100996 **WiseTech Global Limited** The nature of the amendment is: Amend the name of the inventor to read BUSSING, Mathew and SHAW, Ryan

2015100997 **WiseTech Global Limited** The nature of the amendment is: Amend the name of the inventor to read BUSSING, Mathew and SHAW, Ryan

2015201037 **Pearl Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2017

2015201790 **K4 Integration Inc.** The nature of the amendment is: Amend the name of the inventor to read Arsenault, Gilles and Houle, Marcel

2015213324 **Corn Products Development, Inc.** The nature of the amendment is: Amend the priority details to read 55/330,964 01 Aug 2015 US; 14/788,872 01 Jul 2015 US and 62/037,840 15 Aug 2014 US

2015213324 **Corn Products Development, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hanchett, Douglas J.; Odoriso, Christina and Chae, Hanjoo

2015221560 **Ab Initio Technology LLC** The nature of the amendment is as shown in the statement(s) filed 16 Apr 2017

2015296920 **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read Charles, Steven T. and Papac, Michael

**Amendments**

2015307306 **Dezima Pharma B.V.** The nature of the amendment is: Amend the name of the inventor to read Ford, John; Round, Patrick and Kastelein, John

2015340298 **Battelle Memorial Institute** The nature of the amendment is: Amend the name of the inventor to read Lilga, Michael; Hallen, Richard; Albrecht, Karl; Cooper, Alan; Frye, John and Ramasamy, Karthikeyan Kallupalayam

2015341734 **Ferring B.V.** The nature of the amendment is: Amend the name of the inventor to read Halliday, Janet; Carr, Denis; Ross, Alistair; Young, Claire; McDonald, Paul; Qadir, Mohammad; Cochrane, Robert; RABANI, Gouher; ARCE SAEZ, Joan Carles and PETRI, Axel Niclas

2015342341 **Guangdong Pharmaceutical University** The nature of the amendment is: Amend the invention title to read Novel Growth Hormone-Releasing Hormone Analogs and Application Thereof in Preparation of Drugs for Treating Infertility

2015342805 **Carnegie Mellon University; University of Pittsburgh - Of the Commonwealth System of Higher Education** The nature of the amendment is: Amend the name of the inventor to read Faló Jr., Louis D.; Erdos, Geza and Ozdoganlar, O. Burak

2015357703 **S2P AG Straw - Pulp & Paper** The nature of the amendment is: Amend the invention title to read Method for producing a fertilizer from a biopolymer and fertilizer

2015358016 **Institute Of Electronics, Chinese Academy Of Sciences** The nature of the amendment is: Amend the invention title to read METHOD FOR INSAR INTERFEROMETRIC PHASE FILTERING IN WAVELET DOMAIN IN CONJUNCTION WITH LOCAL FREQUENCY ESTIMATION

2015358534 **University of Utah Research Foundation** The nature of the amendment is: Amend the name of the inventor to read Fang, Zhigang Zak; Xia, Yang; Sun, Pei and Zhang, Ying

2015365587 **CMG Pharmaceutical Co., Ltd.; Handok Inc.** The nature of the amendment is: Amend the invention title to read Fused ring heteroaryl compounds and their use as TRK inhibitors

2015365587 **CMG Pharmaceutical Co., Ltd.; Handok Inc.** The nature of the amendment is: Amend the name of the inventor to read Kim, Moonsoo; Lee, Chaewoon; Lee, Gilnam; Yoon, Cheolhwan; Seo, Jeongbeob; Kim, Jay Hak; Lee, Minwoo; Jeong, Hankyul; Choi, Hyang; Jung, Myung Eun; Lee, Ki Nam; Kim, Hyun Jung; Kim, Hye Kyoung; Lee, Jae Il; Kim, Misoon and Choi, Soongyu

2015368014 **Samsung Electronics Co., Ltd.** The nature of the amendment is: Amend the invention title to read VACUUM CLEANER AND CONTROL METHOD FOR THE SAME

2015368496 **Nitto Denko Corporation** The nature of the amendment is: Amend the invention title to read Cell death-inducing agent, cell growth-inhibiting agent, and pharmaceutical composition for treatment of disease caused by abnormal cell growth

2015371849 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA READING METHOD AND APPARATUS

**Amendments**

2015372704 **LG Chem, Ltd.** The nature of the amendment is: Amend the invention title to read A METHOD FOR CONTROLLING GLYCOSYLATION OF RECOMBINANT GLYCOPROTEIN

2015372801 **LG Chem, Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR PREPARING TNFR-FC FUSION PROTEIN CONTAINING TARGET CONTENT OF IMPURITIES

2015372818 **Hanmi Pharm. Co., Ltd.** The nature of the amendment is: Amend the invention title to read Glucagon derivatives with improved stability

2015376361 **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to read Lin, Baiquan; Zou, Quanle; Liu, Ting; Guo, Chang; Zhu, Chuanjie; Kong, Jia; Yan, Fazhi; Yao, Hao and Hong, Yidu

**2016**

2016201432 **Novelion Therapeutics Inc.** The nature of the amendment is: Amend the name of the inventor to read Strong, H. Andrew; Cadden, Suzanne and Boch, Ronald Erwin

2016213009 **Terumo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read PROTECTION DEVICE AND MEDICAL EQUIPMENT ASSEMBLED BODY

2016215248 **Med-EI Elektromedizinische Geraete GmbH** The nature of the amendment is: Application is to proceed under the number 2016102348

2016222279 **Fuji Xerox Australia Pty Limited** The nature of the amendment is: Amend the name of the inventor to read COAD, Matthew

**2017**

2017202717 **Apple Inc.** The nature of the amendment is: Amend the invention title to read Audio system with configurable zones

2017202861 **Apple Inc.** The nature of the amendment is: Amend the invention title to read Loudspeaker with reduced audio coloration caused by reflections from a surface

2017204191 **MERCK PATENT GMBH** The nature of the amendment is: Amend the name of the inventor to read RICHARDSON, Thomas E.; FOGLESONG, Robert James; DESELM, Lizbeth Celeste; GOUTOPOULOS, Andreas and YU, Henry

2017204239 **Facebook, Inc.** The nature of the amendment is: Amend the priority details to read 15/379,278 14 Dec 2016 US

2017204490 **Anglo American Services (UK) Ltd** The nature of the amendment is: Amend the invention title to read Maximise the value of a sulphide ore resource through sequential waste rejection

2017902380 **Advance Fluid Systems Pty Ltd** The nature of the amendment is: Amend the invention title to read A pulsated propulsion system and method of propelling a watercraft

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

**Amendments**

**2002**

2002244957 Fuji Jukogyo Kabushiki Kaisha The name of the patentee has been altered to **Subaru Corporation**

**2007**

2007324081 Red.com, Inc. The name of the patentee has been altered to **RED.COM, LLC**

**2009**

2009332963 Upsher-Smith Laboratories, Inc. The name of the patentee has been altered to **Upsher-Smith Laboratories, LLC**

2009333038 RED. COM, INC. The name of the patentee has been altered to **RED.COM, LLC**

2009352681 Upsher-Smith Laboratories, Inc. The name of the patentee has been altered to **Upsher-Smith Laboratories, LLC**

**2011**

2011201237 Fuji Jukogyo Kabushiki Kaisha The name of the patentee has been altered to **Subaru Corporation**

2011202027 ) Fuji Jukogyo Kabushiki Kaisha; NHK Spring Co., Ltd. The name of the patentee has been altered to **NHK Spring Co., Ltd.; Subaru Corporation**

2011242956 Metabolic Solutions Development Company, LLC The name of the patentee has been altered to **Cirius Therapeutics, Inc.**

2011271429 Upsher-Smith Laboratories, Inc. The name of the patentee has been altered to **Upsher-Smith Laboratories, LLC**

**2012**

2012216606 Red.com, Inc. The name of the patentee has been altered to **RED.COM, LLC**

2012251468 Diagnodus Limited The name of the applicant has been altered to **Diagnodus Limited**

2012302666 Japan as represented by Director-General of National Institute of Infectious Diseases; Toray Industries, Inc.; INSERM - Institut National de la Sante et de la Recherche Medicale The name of the applicant has been altered to **Japan as represented by Director-General of National Institute of Infectious Diseases; Toray Industries, Inc.; INSERM Institut National de la Sante et de la Recherche Medicale**

2012329620 Cofely Experts B.V. The name of the applicant has been altered to **ENGIE Electroproject B.V.**

2012334829 Soprano Design Pty Limited The name of the patentee has been altered to **Soprano Design Limited**

**2013**

2013266488 Vipaar, LLC; UAB Research Foundation The name of the applicant has been altered to **Help Lightning, Inc.; UAB Research Foundation**

**Amendments**

2013364549 Cofely Experts B.V. The name of the applicant has been altered to **ENGIE Electroproject B.V.**

2013370334 Vipaar, LLC The name of the applicant has been altered to **Help Lightning, Inc.**

2013394872 Mark Anton Proett ; Halliburton Energy Services, Inc.; Li Gao ; James Masino ; Michael T. Pelletier The name of the applicant has been altered to **Halliburton Energy Services, Inc.**

**2014**

2014101384 Appy People Pty Ltd The name of the patentee has been altered to **AppyPeople Pty Ltd**

2014246703 Binutra Incorporated The name of the applicant has been altered to **ComboCap, Inc.**

2014253936 Sandp Ingredient Development, LLC The name of the patentee has been altered to **S & P Ingredient Development LLC**

2014260382 Nuvera Fuel Cells, Inc. The name of the applicant has been altered to **NUVERA FUEL CELLS, LLC**

2014264434 Immodulon Therapeutics The name of the applicant has been altered to **Immodulon Therapeutics Limited**

2014274538 Complii Pty Ltd The name of the applicant has been altered to **COMPLII FINTECH SOLUTIONS LTD**

2014274865 R-NAV, LLC The name of the applicant has been altered to **Serene, LLC**

2014308743 Ghostery, Inc The name of the applicant has been altered to **Evidon, Inc.**

2014374398 Smart Vision Labs The name of the applicant has been altered to **Smart Vision Labs, Inc.**

**2015**

2015202133 Ocean Grown Abalone Pty Ltd The name of the applicant has been altered to **Ocean Grown Abalone Limited**

2015226203 Universitat de Girona; Institut d'Investigacio Biomedica de Girona Dr. Josep Trueta The name of the applicant has been altered to **Universitat de Girona; Fundació Institut d'Investigació Biomèdica de Girona Dr. Josep Trueta**

2015288757 Mitsubishi Rayon Co., Ltd.; Mitsubishi Chemical Engineering Corporation The name of the applicant has been altered to **Mitsubishi Chemical Corporation; Mitsubishi Chemical Engineering Corporation**

2015369924 Bayer CorpScience LP The name of the applicant has been altered to **Bayer CropScience LP**

2015371617 ABB Technology AG The name of the applicant has been altered to **ABB Schweiz AG**

**Amendments****2016**

2016201639 RED.COM, Inc. The name of the patentee has been altered to **RED.COM, LLC**

2016209963 FLSmidth A/S; Zdenko Baric The name of the applicant has been altered to **FLSmidth A/S**

2016213747 Red.com, Inc. The name of the applicant has been altered to **RED.COM, LLC**

2016238851 Dominion Resources Services, Inc. ; Virginia Electric and Power Company The name of the applicant has been altered to **Virginia Electric and Power Company; Dominion Resources, Inc.**

2016902685 Vinidex Pty Limited The name of the applicant has been altered to **Vinidex Pty Limited; F.B.BALZANELLI AVVOLGITORI S.P.A.**

2016902745 Ramtaps Pty Ltd The name of the applicant has been altered to **Rogers Seller & Myhill Pty Ltd; Ramtaps Pty Ltd**

**2017**

2017100212 Appy People Pty Ltd The name of the patentee has been altered to **AppyPeople Pty Ltd**

2017901173 AquaTech Water Imaging Pty Ltd The name of the applicant has been altered to **AquaTech (NSW) Pty Limited**

2017902407 Western Sydney Local Health District The name of the applicant has been altered to **The University of Sydney; Western Sydney Local Health District**

Applications Open to Public Inspection

Name Index

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

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(71) 2266170 Ontario Inc.  
 (11) AU-A-2017204650  
 (21) 2017204650 (22) 07.07.2017  
 (54) CAPSULE WITH SENSORY ATTRIBUTES  
 (51) Int. Cl.  
     **B65D 85/804** ( 2006.01 )  
     **A47J 31/06** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014366767  
 (72) Trombetta, Liberatore A.  
 (74) Fisher Adams Kelly Callinans

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(71) Accenture Global Services Limited  
 (11) AU-A-2017204666  
 (21) 2017204666 (22) 07.07.2017  
 (54) EVENT CORRELATION ACROSS HETEROGENEOUS OPERATIONS  
 (51) Int. Cl.  
     **G06F 21/00** ( 2013.01 )  
     **G06F 11/32** ( 2006.01 )  
     **H04L 12/22** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2016202191  
 (72) HASSANZADEH, Amin; MODI, Shimon; MULCHANDANI, Shaan; NEGM, Walid  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2016269470  
 (21) 2016269470 (22) 07.12.2016  
 (54) MACHINE FOR DIGITAL IMPACT MATRIX DEVELOPMENT  
 (51) Int. Cl.  
     **G06Q 10/06** ( 2012.01 )  
     **G06Q 10/04** ( 2012.01 )  
 (31) 201641001199 (32) 13.01.16 (33) IN  
 (43) 27.07.2017  
 (72) LEHMANN, Silke; SAXENA, Ankur  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adobe Systems Incorporated  
 (11) AU-A-2016256753  
 (21) 2016256753 (22) 10.11.2016  
 (54) IMAGE CAPTIONING USING WEAK SUPERVISION AND SEMANTIC NATURAL LANGUAGE VECTOR SPACE  
 (51) Int. Cl.  
     **G06F 17/00** ( 2006.01 )  
     **G06F 19/00** ( 2011.01 )  
 (31) 14/995,032 (32) 13.01.16 (33) US  
 (43) 27.07.2017  
 (72) Wang, Zhaowen; You, Quanzeng; Jin, Hailin; Fang, Chen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aihol Corporation  
 (11) AU-A-2017204619  
 (21) 2017204619 (22) 06.07.2017  
 (54) COMPOUND OF GLYCOSAMINOGLYCAN AND ITS PREPARATION METHOD AS WELL AS APPLICATION  
 (51) Int. Cl.  
     **A61K 31/415** ( 2006.01 )  
     **A61K 47/36** ( 2006.01 )  
     **A61P 29/00** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014311302  
 (72) Lin, Hua-Yang  
 (74) Madderns Patent & Trade Mark Attorneys

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(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2017204773  
 (21) 2017204773 (22) 12.07.2017  
 (54) Assays and methods for determining activity of a therapeutic agent in a subject  
 (51) Int. Cl.  
     **C12N 15/113** ( 2010.01 )  
     **C12Q 1/68** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2012272908  
 (72) Sah, Dinah; Bumcrot, David; Sehgal, Alfica  
 (74) FB Rice Pty Ltd

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(71) Alharma Pharmaceuticals, LLC  
 (11) AU-A-2017204639  
 (21) 2017204639 (22) 07.07.2017  
 (54) Pharmaceutical composition comprising opioid agonist and sequestered antagonist  
 (51) Int. Cl.  
     **A61K 9/50** ( 2006.01 )  
     **A61K 31/485** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2016200708  
 (72) Wilson, Edward Scott  
 (74) Davies Collison Cave Pty Ltd

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2017204760  
 (21) 2017204760 (22) 11.07.2017  
 (54) LOG RECORD MANAGEMENT  
 (51) Int. Cl.  
     **G06F 17/30** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014235367  
 (72) Madhavarapu, Pradeep Jnana; Fachan, Neal; Gupta, Anurag Windlass; McKelvie, Samuel James  
 (74) Phillips Ormonde Fitzpatrick

(71) Amcol International Corporation  
 (11) AU-A-2017204576  
 (21) 2017204576 (22) 04.07.2017  
 (54) Produced Fluid Heating and Separation  
 (51) Int. Cl.  
     **C02F 1/16** ( 2006.01 )  
     **C02F 1/40** ( 2006.01 )  
     **E21B 43/34** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2012201768  
 (72) HORST, Jason; DOUCET, Keith  
 (74) Griffith Hack

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(71) Amsted Rail Company, Inc.  
 (11) AU-A-2017200117  
 (21) 2017200117 (22) 09.01.2017  
 (54) PRESSURE CONTROL SYSTEM AND MEANS FOR PRESSURE POURING OF CAST STEEL WHEELS  
 (51) Int. Cl.  
     **G05D 16/00** ( 2006.01 )  
     **B22D 17/32** ( 2006.01 )  
 (31) 201610019713.1 (32) 10.01.16 (33) CN  
 (43) 27.07.2017  
 (72) Du, Zhongxian; Ma, Hongwei; Strickland, James Harold; Zhang, Sijin; Yan, Chengqun; Sun, Jianfei; Cao, Fuyang; Chen, Hongjun  
 (74) Fisher Adams Kelly Callinans

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2017204645  
 (21) 2017204645 (22) 07.07.2017  
 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS  
 (51) Int. Cl.  
     **A63F 1/06** ( 2006.01 )  
     **A63F 1/18** ( 2006.01 )  
     **G07F 17/32** ( 2006.01 )  
     **A63F 9/24** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014303946  
 (72) SHIGETA, Yasushi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Anthrogenesis Corporation  
 (11) AU-A-2017204617  
 (21) 2017204617 (22) 06.07.2017  
 (54) CHIMERIC ANTIGEN RECEPTORS  
 (51) Int. Cl.  
     **C07K 19/00** ( 2006.01 )  
     **A61K 38/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07K 14/705** ( 2006.01 )  
     **C12N 5/0783** ( 2010.01 )  
     **C12N 5/10** ( 2006.01 )



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 (62) 2015210373  
 (72) Abbot, Stewart; Liang, Bitao; Li, Tianji-an  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Apple Inc.  
 (11) AU-A-2017204624  
 (21) 2017204624 (22) 06.07.2017  
 (54) Method of using one device to unlock another device  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*G06F 21/00* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2015218507  
 (72) SAUERWALD, Conrad; LEDWITH, Alexander; IAROCCHI, John J.; KROCHMAL, Marc J.; BENSON, Wade; NOVICK, Gregory; WITHERSPOON, Noah A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-A-2017204627  
 (21) 2017204627 (22) 06.07.2017  
 (54) Methods and apparatuses for operating a portable device based on an accelerometer  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*G06F 3/033* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2015203265  
 (72) LEIBA, Aaron; FALKENBURG, David R.; GERBARG, Louis G.; WEHRENBURG, Paul J.; CHANG, Ray L.; WILLIAMS, Richard C.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Architectural Window Systems Pty Ltd  
 (11) AU-A-2016256707  
 (21) 2016256707 (22) 09.11.2016  
 (54) A sub-head assembly for a door or window  
 (51) Int. Cl.  
*E06B 1/02* ( 2006.01 )  
*E06B 1/04* ( 2006.01 )  
*E06B 7/00* ( 2006.01 )
- (31) 2016900082 (32) 12.01.16 (33) AU  
 (43) 27.07.2017  
 (72) McCleary, David  
 (74) Spruson & Ferguson
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017204560  
 (21) 2017204560 (22) 04.07.2017  
 (54) A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME  
 (51) Int. Cl.  
*A63F 13/55* ( 2014.01 )  
*A63F 13/45* ( 2014.01 )
- (43) 27.07.2017  
 (62) 2016202727  
 (72) OLIVE, Scott Christopher  
 (74) Griffith Hack

- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017204621  
 (21) 2017204621 (22) 06.07.2017  
 (54) A GAMING SYSTEM, A METHOD OF GAMING AND A JACKPOT CONTROLLER  
 (51) Int. Cl.  
*G06Q 50/34* ( 2012.01 )  
*A63F 13/00* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2015203394  
 (72) Bramble, Paul Francis Jason  
 (74) Griffith Hack
- 
- (71) Aruze Gaming (Hong Kong) Limited; Universal Entertainment Corporation  
 (11) AU-A-2016277691  
 (21) 2016277691 (22) 22.12.2016  
 (54) Gaming machine  
 (51) Int. Cl.  
*A63F 13/00* ( 2014.01 )  
*A63F 9/00* ( 2006.01 )
- (31) 2016-004687 (32) 13.01.16 (33) JP  
 2016-004588 13.01.16 JP  
 2016-004684 13.01.16 JP  
 2016-004644 13.01.16 JP
- (43) 27.07.2017  
 (72) Fujisawa, Masumi; Inamura, Yukinori; Kitamura, Kenta  
 (74) Davies Collison Cave Pty Ltd
- 
- Aruze Gaming (Hong Kong) Limited see Universal Entertainment Corporation**  
 (21) 2017200181
- 
- (71) Auvenco Pty Ltd  
 (11) AU-A-2016200130  
 (21) 2016200130 (22) 08.01.2016  
 (54) COMPOSITE STRUCTURAL MEMBER FOR A BUILDING STRUCTURE  
 (51) Int. Cl.  
*E04C 3/06* ( 2006.01 )
- (43) 27.07.2017  
 (72) Webb, Ronald Joseph; Webb, Hamish John  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
- 
- Baroni, G. see Khouri, R.**  
 (21) 2017204616
- 
- (71) BASF Australia Ltd  
 (11) AU-A-2017203194  
 (21) 2017203194 (22) 12.05.2017  
 (54) Treatment of Aqueous Suspensions  
 (51) Int. Cl.  
*C02F 11/00* ( 2006.01 )  
*B03D 3/06* ( 2006.01 )  
*C02F 1/56* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2015201107  
 (72) MCCOLL, Philip; SCAMMELL, Stephen  
 (74) Griffith Hack

- (71) Bayer HealthCare LLC  
 (11) AU-A-2017204578  
 (21) 2017204578 (22) 04.07.2017  
 (54) Sterility retaining medical connector assembly and method  
 (51) Int. Cl.  
*A61M 25/16* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2012325975  
 (72) Uber III, Arthur E.; Cowan, Kevin P.; Dedig, James A.; Griffiths, David M.; Hoffman, Raymond C.; Rhinehart, Edward J.; Swantner, Michael J.; Taggart, Benjamin; Trocki, Mark; Yanniello, Michael J.  
 (74) MINTER ELLISON
- 
- (71) Bei, S.  
 (11) AU-A-2016200299  
 (21) 2016200299 (22) 19.01.2016  
 (54) A VEHICLE AIR CONDITIONING UNIT  
 (51) Int. Cl.  
*B60H 1/00* ( 2006.01 )
- (31) 201610017777.8 (32) 11.01.16 (33) CN  
 (43) 27.07.2017  
 (72) Bei, Shihong  
 (74) Madderns Patent & Trade Mark Attorneys
- 
- (71) Berg LLC  
 (11) AU-A-2017204567  
 (21) 2017204567 (22) 04.07.2017  
 (54) Inhalable pharmaceutical compositions  
 (51) Int. Cl.  
*A61K 9/127* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 47/24* ( 2006.01 )
- (43) 27.07.2017  
 (62) 2012271274  
 (72) NARAIN, Niven Rajin; McCOOK, John Patrick  
 (74) Spruson & Ferguson
- 
- (71) Biguang, L.  
 (11) AU-A-2016277686  
 (21) 2016277686 (22) 15.04.2016  
 (54) A direct-lighting mode and soft-lighting mode interchangeable photography LED illuminating lamp  
 (51) Int. Cl.  
*F21S 8/00* ( 2006.01 )
- (31) 201610007562.8 (32) 07.01.16 (33) CN  
 (43) 27.07.2017  
 (72) Lin, Biguang  
 (74) Franke Hyland
- 
- (71) biOasis Technologies Inc.  
 (11) AU-A-2017204756  
 (21) 2017204756 (22) 11.07.2017  
 (54) p97-antibody conjugates and methods of use  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*C12N 9/00* ( 2006.01 )

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 (72) Vitalis, Timothy Z.; Gabathuler, Reinhard; Jeffries, Wilfred  
 (74) Davies Collison Cave Pty Ltd

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2016277627  
 (21) 2016277627 (22) 21.12.2016  
 (54) TISSUE DEPTH ESTIMATION USING GATED ULTRASOUND AND FORCE MEASUREMENTS

(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (31) 14/992,389 (32) 11.01.16 (33) US  
 (43) 27.07.2017  
 (72) Govari, Assaf; Altmann, Andres Claudio; Ephrath, Yaron; Gliner, Vadim  
 (74) Fisher Adams Kelly Callinans

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 (11) AU-A-2017204777  
 (21) 2017204777 (22) 12.07.2017  
 (54) Apparatuses and methods for the production of fibers  
 (51) Int. Cl.  
**D01D 5/18** ( 2006.01 )  
**D01D 4/00** ( 2006.01 )  
**D01D 13/00** ( 2006.01 )  
**D03D 15/00** ( 2006.01 )  
**D04H 1/4318** ( 2012.01 )

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 (72) Rane, Yatinkumar; Bell, Nelson; Lozano, Karen  
 (74) Griffith Hack

(71) Boston Scientific Neuromodulation Corporation  
 (11) AU-A-2017204544  
 (21) 2017204544 (22) 03.07.2017  
 (54) Systems for delivering subthreshold therapy to a patient  
 (51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**A61B 5/055** ( 2006.01 )

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 (72) Vansickle, Dennis Allen; Lee, Dongchul; Kothandaraman, Sridhar; Doan, Que T.; Zhu, Changfang; Parramon, Jordi; Holley, Justin; Hershey, Bradley L.; Gillespie, Christopher E.; Carbanaru, Rafael; Wahab, Nazim  
 (74) Davies Collison Cave Pty Ltd

California Institute of Technology see The Rockefeller University  
 (21) 2017204563

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2016277630  
 (21) 2016277630 (22) 21.12.2016

(54) Liquid discharge head and liquid discharge method  
 (51) Int. Cl.  
**B41J 2/165** ( 2006.01 )  
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(71) Canon Kabushiki Kaisha  
 (11) AU-A-2016277743  
 (21) 2016277743 (22) 23.12.2016  
 (54) Liquid ejection substrate, liquid ejection head, and liquid ejection apparatus  
 (51) Int. Cl.  
**B41J 2/01** ( 2006.01 )  
**B41J 27/00** ( 2006.01 )

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 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2016277746  
 (21) 2016277746 (22) 23.12.2016  
 (54) Liquid ejection head, liquid ejection apparatus, and method of supplying liquid  
 (51) Int. Cl.  
**B41J 2/01** ( 2006.01 )  
**B41J 27/00** ( 2006.01 )

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 (72) OKUSHIMA, Shingo; KARITA, Seiichiro; AOKI, Takatsuna; NAGAI, Noriyasu; NISHITANI, Eisuke; NAKAGAWA, Yoshiyuki  
 (74) Spruson & Ferguson

(71) Caterpillar Inc.  
 (11) AU-A-2016273989  
 (21) 2016273989 (22) 16.12.2016  
 (54) AUTONOMOUS METHOD FOR DETECTING A PILE  
 (51) Int. Cl.  
**G05D 13/00** ( 2006.01 )  
**E02F 3/04** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )

(31) 14/990,857 (32) 08.01.16 (33) US  
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 (72) DARUKHANAVALA, Carl P.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Cellestis Limited  
 (11) AU-A-2017204590  
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 (54) An assay for measuring cell-mediated immunoresponsiveness  
 (51) Int. Cl.  
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 (74) Davies Collison Cave Pty Ltd

(71) Centurion Medical Products Corporation  
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 (54) Prefilled container systems  
 (51) Int. Cl.  
**A61J 1/05** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**B65B 3/00** ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.

(71) China University of Mining and Technology  
 (11) AU-A-2017204543  
 (21) 2017204543 (22) 03.07.2017  
 (54) SYSTEM FOR DYNAMICALLY MONITORING ROADWAY ROOF SEPARATION BASED ON FIBRE GRATING AND PRE-WARNING METHOD  
 (51) Int. Cl.  
**E21F 17/18** ( 2006.01 )

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 (72) FANG, Xinqiu; LIANG, Minfu; LIU, Xiaoning; WU, Gang; FAN, Hailiang  
 (74) Adam Law Patent & Trade Mark Attorney

(71) Church & Dwight Co., Inc.  
 (11) AU-A-2017204792  
 (21) 2017204792 (22) 12.07.2017  
 (54) Improved electronic analyte assaying device  
 (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 30/00** ( 2006.01 )

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 (72) STURMAN, Andy; ZIN, Benedict; NAZARETH, Albert; BELL, Henry  
 (74) Spruson & Ferguson

(71) Cireca Theranostics, LLC; Northeastern University  
 (11) AU-A-2017204736  
 (21) 2017204736 (22) 10.07.2017  
 (54) METHOD FOR ANALYZING BIOLOGICAL SPECIMENS BY SPECTRAL IMAGING

(51) Int. Cl.  
**G01N 21/35** ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2015224495  
 (72) Diem, Max; Bird, Benjamin; Miljkovic, Milos; Remiszewski, Stanley H.  
 (74) Phillips Ormonde Fitzpatrick

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(71) Connect Financial LLC  
 (11) AU-A-2017200066  
 (21) 2017200066 (22) 05.01.2017  
 (54) Computer processing of financial product information and information about consumers of financial products  
 (51) Int. Cl.  
*G06Q 20/00* ( 2012.01 )  
*G06Q 20/42* ( 2012.01 )  
*G06Q 40/00* ( 2012.01 )  
 (31) 14/989,935 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Ranft, Joseph Thomas; Collins, Sean; Moriarty, Kerri Ann; Baker IV, Charles F.  
 (74) Davies Collison Cave Pty Ltd

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(71) Connell, R.  
 (11) AU-A-2017204661  
 (21) 2017204661 (22) 07.07.2017  
 (54) Building Construction  
 (51) Int. Cl.  
*E04H 9/14* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2011250714  
 (72) Connell, Ross Malcolm  
 (74) Sandercock & Cowie

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(71) COOL GEAR INTERNATIONAL, LLC  
 (11) AU-A-2017204758  
 (21) 2017204758 (22) 11.07.2017  
 (54) LID HAVING COLLAPSIBLE STRAW FOR BOTTLE  
 (51) Int. Cl.  
*B65D 77/28* ( 2006.01 )  
*B65D 47/06* ( 2006.01 )  
*B65D 47/08* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014368954  
 (72) Mason, John Douglas  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Corning Optical Communications LLC  
 (11) AU-A-2017204601  
 (21) 2017204601 (22) 05.07.2017  
 (54) FIBER OPTIC EQUIPMENT SUPPORTING MOVEABLE FIBER OPTIC EQUIPMENT TRAY(S) AND MODULE(S), AND RELATED E  
 (51) Int. Cl.  
*G02B 6/00* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2015203581  
 (72) Cooke, Terry L.; Dagley, Mark R.; Dean Jr., David I.; Klavuhn, Tory A.; Garcia Martinez, Juan; Rodriguez, Diana; Beltran Salinas, Octavio; Lopez Sanchez, Manuel A.; Strause, Kevin L.  
 (74) Phillips Ormonde Fitzpatrick

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(71) Corning Optical Communications LLC  
 (11) AU-A-2017204737  
 (21) 2017204737 (22) 10.07.2017

(54) METHODS OF MAKING AND ACCESSING CABLES HAVING ACCESS FEATURES  
 (51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2016200224  
 (72) Bringuier, Ann Germaine; Gimblet, Michael J.; Greenwood III, Julian Latelle; Navé, Samuel Don  
 (74) Phillips Ormonde Fitzpatrick

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(71) Covidien LP  
 (11) AU-A-2016277582  
 (21) 2016277582 (22) 20.12.2016  
 (54) Motorised chest drainage system  
 (51) Int. Cl.  
*A61M 1/00* ( 2006.01 )  
 (31) 62/275,829 (32) 07.01.16 (33) US  
 15/378,532 14.12.16 US  
 (43) 27.07.2017  
 (72) MUKHERJEE, Nilay; SHAH, Sachin; RACENET, David  
 (74) Spruson & Ferguson

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(71) Covidien LP  
 (11) AU-A-2016277583  
 (21) 2016277583 (22) 20.12.2016  
 (54) Adapter assembly including a removable trocar assembly  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
 (31) 14/994,457 (32) 13.01.16 (33) US  
 (43) 27.07.2017  
 (72) SGROI, Anthony  
 (74) Spruson & Ferguson

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(71) Covidien LP  
 (11) AU-A-2016277586  
 (21) 2016277586 (22) 20.12.2016  
 (54) Curvilinear surgical staples  
 (51) Int. Cl.  
*A61B 17/064* ( 2006.01 )  
 (31) 14/994,370 (32) 13.01.16 (33) US  
 (43) 27.07.2017  
 (72) SGROI, Anthony  
 (74) Spruson & Ferguson

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(71) Covidien LP  
 (11) AU-A-2017204800  
 (21) 2017204800 (22) 12.07.2017  
 (54) Surgical adapter assemblies for use between surgical handle assembly and surgical end effectors  
 (51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
*F16H 25/00* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013206350  
 (72) PRIBANIC, Russell; MARCZYK, Stanislaw  
 (74) Spruson & Ferguson

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(71) Cytec Technology Corp.  
 (11) AU-A-2017204658  
 (21) 2017204658 (22) 07.07.2017

(54) Composite materials  
 (51) Int. Cl.  
*B29B 11/16* ( 2006.01 )  
*B29C 70/88* ( 2006.01 )  
*B32B 5/22* ( 2006.01 )  
*B32B 7/02* ( 2006.01 )  
*B32B 27/12* ( 2006.01 )  
*B29B 9/12* ( 2006.01 )  
*B29C 70/02* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013289104  
 (72) RESTUCCIO, Carmelo Luca; FRULLONI, Emiliano; LENZI, Fiorenzo  
 (74) Spruson & Ferguson

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(71) Dali Systems Co. Ltd.  
 (11) AU-A-2017204786  
 (21) 2017204786 (22) 12.07.2017  
 (54) Soft hand-off and routing data in a virtualized distributed antenna system  
 (51) Int. Cl.  
*G01S 3/02* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2012336027  
 (72) MEERKERK, Daryl; STAPLETON, Shawn Patrick  
 (74) Spruson & Ferguson

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(71) DePuy Mitek, Inc.  
 (11) AU-A-2017204795  
 (21) 2017204795 (22) 12.07.2017  
 (54) METHODS AND DEVICES FOR PREPARING AND IMPLANTING TISSUE SCAFFOLDS  
 (51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2015227517  
 (72) Sengun, Mehmet Z.; DiMatteo, Kristian  
 (74) Fisher Adams Kelly Callinans

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(71) Depuy Synthes Products, LLC  
 (11) AU-A-2017204607  
 (21) 2017204607 (22) 06.07.2017  
 (54) SURGICAL METHOD FOR IMPLANTING A STEMLESS HUMERAL COMPONENT TO THE HUMERUS OF A PATIENT  
 (51) Int. Cl.  
*A61F 2/40* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013240341  
 (72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
 (74) Fisher Adams Kelly Callinans

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(71) Depuy Synthes Products, LLC  
 (11) AU-A-2017204608  
 (21) 2017204608 (22) 06.07.2017  
 (54) SIZING INSTRUMENT AND PUNCH FOR USE IN A SURGICAL PROCEDURE

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URE TO IMPLANT A STEMLESS HUMER-  
MERAL COMPONENT

- (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013240341  
(72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
(74) Fisher Adams Kelly Callinans

(71) Depuy Synthes Products, LLC  
(11) AU-A-2017204609  
(21) 2017204609 (22) 06.07.2017  
(54) DRILL GUIDE FOR USE IN A SUR-  
GICAL PROCEDURE TO IMPLANT A  
STEMLESS HUMERAL COMPONENT

- (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013240341  
(72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
(74) Fisher Adams Kelly Callinans

(71) Depuy Synthes Products, LLC  
(11) AU-A-2017204610  
(21) 2017204610 (22) 06.07.2017  
(54) IMPLANT INSERTION TOOL FOR  
USE IN A SURGICAL PROCEDURE  
TO IMPLANT A STEMLESS HUMER-  
AL COMPONENT

- (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013240341  
(72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
(74) Fisher Adams Kelly Callinans

(71) Depuy Synthes Products, LLC  
(11) AU-A-2017204612  
(21) 2017204612 (22) 06.07.2017  
(54) STEMLESS HUMERAL COMPONENT  
OF AN ORTHOPAEDIC SHOULDER  
PROSTHESIS

- (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013240341  
(72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
(74) Fisher Adams Kelly Callinans

(71) Depuy Synthes Products, LLC  
(11) AU-A-2017204614  
(21) 2017204614 (22) 06.07.2017  
(54) SIZING INSTRUMENT AND PUNCH  
FOR USE IN A SURGICAL PROCED-  
URE TO IMPLANT A STEMLESS HU-  
MERAL COMPONENT

- (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013240341  
(72) Anthony, Sarah; Long, Jack F.; Poncet, Didier; Warlop, David M.; Lawrence, Chad; Lubensky, Scott A.; Jensen, Kirk L.; Iannotti, Joseph P.; Zanchin, Laurent; Ekelund, Anders; Stone, Matthew T.; Lewis, Jeremiah M.  
(74) Fisher Adams Kelly Callinans

(71) Dow AgroSciences, LLC  
(11) AU-A-2017204591  
(21) 2017204591 (22) 05.07.2017  
(54) Synergistic weed control from applica-  
tions of aminopyralid and clopyralid

- (51) Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
(43) 27.07.2017  
(62) 2016200590  
(72) Brinkworth, Louis; Cummings, Daniel C.; Masters, Robert A.  
(74) FPA Patent Attorneys Pty Ltd

(71) Dr. Reddy's Laboratories, S.A.  
(11) AU-A-2017204784  
(21) 2017204784 (22) 12.07.2017  
(54) Compositions and methods for con-  
trolling infestation

- (51) Int. Cl.  
**A01N 35/04** ( 2006.01 )  
**A01N 35/10** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/42** ( 2006.01 )  
(43) 27.07.2017  
(62) 2016200196  
(72) Bowles, Vernon Morrison; MacLeman, Paul  
(74) Davies Collison Cave Pty Ltd

(71) Dropbox, Inc.  
(11) AU-A-2017204625  
(21) 2017204625 (22) 06.07.2017  
(54) Content item templates

- (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
(43) 27.07.2017  
(62) 2016201019  
(72) BEAUSOLEIL, Sean; PAN, Matteus; GREZE, Jean-Denis; DEVINCENZI, Anthony  
(74) FPA Patent Attorneys Pty Ltd

(71) Dropbox, Inc.  
(11) AU-A-2017204647  
(21) 2017204647 (22) 07.07.2017

(54) Storage constrained synchronization of  
shared content items

- (51) Int. Cl.  
**G06F 17/30** ( 2006.01 )  
(43) 27.07.2017  
(62) 2015379551  
(72) NEWHOUSE, Benjamin  
(74) FPA Patent Attorneys Pty Ltd

(71) Dropbox, Inc.  
(11) AU-A-2017204654  
(21) 2017204654 (22) 07.07.2017  
(54) Storage constrained synchronization of  
shared content items

- (51) Int. Cl.  
**G06F 17/30** ( 2006.01 )  
(43) 27.07.2017  
(62) 2015379551  
(72) NEWHOUSE, Benjamin  
(74) FPA Patent Attorneys Pty Ltd

(71) E. I. du Pont de Nemours and Com-  
pany  
(11) AU-A-2017204816  
(21) 2017204816 (22) 12.07.2017  
(54) ANIMAL PEST CONTROL METHOD

- (51) Int. Cl.  
**A01N 43/76** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**A61P 33/14** ( 2006.01 )  
(31) 15/207,999 (32) 12.07.16 (33) US  
(43) 27.07.2017  
(62) 2017203941  
(72) LAHM, George Philip; LONG, Jeffrey Keith; XU, Ming  
(74) Houlihan<sup>2</sup> Pty Ltd

(71) Ecolab USA Inc.  
(11) AU-A-2017204778  
(21) 2017204778 (22) 12.07.2017  
(54) Composition and method for improve-  
ment in froth flotation

- (51) Int. Cl.  
**B01D 19/02** ( 2006.01 )  
**B01D 17/00** ( 2006.01 )  
**B03D 1/001** ( 2006.01 )  
(43) 27.07.2017  
(62) 2014250008  
(72) Kouznetsov, Dmitri L.; Liu, Jianjun; Zhang, Jinming  
(74) Shelston IP Pty Ltd.

(71) Eisai R & D Management Co., Ltd.  
(11) AU-A-2017204586  
(21) 2017204586 (22) 05.07.2017  
(54) Tetrahydroprazolopyrimidine com-  
pounds

- (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
(43) 27.07.2017  
(62) 2013267204  
(72) HAWKINS, Lynn D.; BOIVIN, Roch; CARLSON, Eric; ENDO, Atsushi; HANSEN, Hans; ISHIKAWA, Sally;

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- MACKEY, Matthew; NARAYAN, Sridhar; SATOH, Takashi; SCHILLER, Shawn  
**(74)** Spruson & Ferguson
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- (71)** Elastagen Pty Ltd  
**(11)** AU-A-2017204582  
**(21)** 2017204582 **(22)** 05.07.2017  
**(54)** In vivo synthesis of elastic fiber  
**(51)** Int. Cl.  
**A61K 38/39** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012315489  
**(72)** Weiss, Anthony; Mithieux, Suzanne  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Electro-Motive Diesel, Inc  
**(11)** AU-A-2016273978  
**(21)** 2016273978 **(22)** 16.12.2016  
**(54)** TRAIN SYSTEM HAVING AUTOMATICALLY-ASSISTED TRIP SIMULATION  
**(51)** Int. Cl.  
**G06F 19/00** ( 2011.01 )  
**B61L 99/00** ( 2006.01 )  
**(31)** 14/991,806 **(32)** 08.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** ROENSPIES, David Matthew; SEATON, James David; SHUBS Jr., Alexander  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** European Intelligence B.V.  
**(11)** AU-A-2017200008  
**(21)** 2017200008 **(22)** 03.01.2017  
**(54)** Mooring unit for mooring a ship  
**(51)** Int. Cl.  
**B63B 21/04** ( 2006.01 )  
**(31)** 2016062 **(32)** 07.01.16 **(33)** NL  
**(43)** 27.07.2017  
**(72)** AL ZUHAIRY, Nezhah; MAMPAEIJ, Gerardus Antonius Jozef; BOERLEIDER, Johan Marlon  
**(74)** Griffith Hack
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- (71)** Evergreen Land Limited  
**(11)** AU-A-2016277701  
**(21)** 2016277701 **(22)** 22.12.2016  
**(54)** Aqueous formulation comprising a lipophilic composition  
**(51)** Int. Cl.  
**A61K 8/19** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
**(31)** FR-16 50158 **(32)** 08.01.16 **(33)** FR  
**(43)** 27.07.2017  
**(72)** VIDAL, Nicholas; LESGARDS, Jean-Francois  
**(74)** Spruson & Ferguson
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- (71)** Facebook, Inc.  
**(11)** AU-A-2017204633  
**(21)** 2017204633 **(22)** 06.07.2017  
**(54)** Tilting to scroll  
**(51)** Int. Cl.
- G06F 3/048** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2014236107  
**(72)** MATAS, Michael; AMERIGE, Brian D.  
**(74)** Cotters Patent & Trade Mark Attorneys
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- (71)** Facebook, Inc.  
**(11)** AU-A-2017204809  
**(21)** 2017204809 **(22)** 12.07.2017  
**(54)** Search intent for queries  
**(51)** Int. Cl.  
**G06Q 50/30** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
**(31)** 15/295,696 **(32)** 17.10.16 **(33)** US  
**(43)** 27.07.2017  
**(62)** 2016204493  
**(72)** RAINA, Rajat; DHAMDHERE, Kedar; CHATOT, Olivier  
**(74)** Cotters Patent & Trade Mark Attorneys
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- (71)** Facebook, Inc.  
**(11)** AU-A-2017204810  
**(21)** 2017204810 **(22)** 12.07.2017  
**(54)** Rewriting search queries on online social networks  
**(51)** Int. Cl.  
**G06F 17/30** ( 2006.01 )  
**G06Q 50/30** ( 2012.01 )  
**(31)** 15/337,452 **(32)** 28.10.16 **(33)** US  
**(43)** 27.07.2017  
**(62)** 2014296446  
**(72)** RAINA, Rajat; STEWART, Allan; MASHIACH, Li-Tal  
**(74)** Cotters Patent & Trade Mark Attorneys
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- (71)** FaceCake Marketing Technologies, Inc.  
**(11)** AU-A-2017204751  
**(21)** 2017204751 **(22)** 11.07.2017  
**(54)** Targeted marketing system and method  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
**(43)** 27.07.2017  
**(62)** 2012236092  
**(72)** Smith, Linda  
**(74)** Shelston IP Pty Ltd.
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- (71)** FAS Wilson Pty Ltd  
**(11)** AU-A-2017204799  
**(21)** 2017204799 **(22)** 12.07.2017  
**(54)** Retaining system  
**(51)** Int. Cl.  
**E01F 7/02** ( 2006.01 )  
**E01F 15/00** ( 2006.01 )  
**E04H 17/02** ( 2006.01 )  
**E04H 17/12** ( 2006.01 )  
**E04H 17/20** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2013302293  
**(72)** Wilson, Malcolm  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2017204480  
**(21)** 2017204480 **(22)** 30.06.2017
- (54)** Apparatus for Supplying Gases to a Patient  
**(51)** Int. Cl.  
**A61M 16/16** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015201563  
**(72)** KRAMER, Martin Paul Friedrich; O'DONNELL, Kevin Peter; TATKOV, Stanislav; CLARK, Therese; BARKER, Dean  
**(74)** AJ PARK
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- (71)** Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.  
**(11)** AU-A-2017204613  
**(21)** 2017204613 **(22)** 06.07.2017  
**(54)** Time scaler, audio decoder, method and a computer program using a quality control  
**(51)** Int. Cl.  
**G10L 21/04** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2014283256  
**(72)** Reuschl, Stefan; DÖEHLA, Stefan; Lecomte, Jérémie; Jander, Manuel; FÄERBER, Nikolaus  
**(74)** Griffith Hack
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- (71)** Fujitsu General Limited  
**(11)** AU-A-2016234910  
**(21)** 2016234910 **(22)** 28.09.2016  
**(54)** Air conditioner  
**(51)** Int. Cl.  
**F25D 19/00** ( 2006.01 )  
**F24F 11/00** ( 2006.01 )  
**F25B 13/00** ( 2006.01 )  
**F25B 41/04** ( 2006.01 )  
**F25B 49/02** ( 2006.01 )  
**(31)** 2016-002698 **(32)** 08.01.16 **(33)** JP  
**(43)** 27.07.2017  
**(72)** Oka, Yasuhiro; Tomioka, Satoshi; Shimotani, Makoto; Matsunaga, Takahiro  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Fuji Xerox Co., Ltd.  
**(11)** AU-A-2016216549  
**(21)** 2016216549 **(22)** 16.08.2016  
**(54)** Terminal device, diagnosis system and information output method  
**(51)** Int. Cl.  
**B41J 19/04** ( 2006.01 )  
**B41J 29/46** ( 2006.01 )  
**(31)** 2016-002189 **(32)** 08.01.16 **(33)** JP  
**(43)** 27.07.2017  
**(72)** Okamoto, Seiji; Hirota, Junichi; Udaka, Tsutomu; Mitsuhashi, Tomoyuki  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Fuji Xerox Co., Ltd.  
**(11)** AU-A-2016222349  
**(21)** 2016222349 **(22)** 30.08.2016  
**(54)** Terminal device and information output method  
**(51)** Int. Cl.  
**G06F 3/16** ( 2006.01 )  
**B41J 29/46** ( 2006.01 )

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**G03G 21/00** ( 2006.01 )  
**(31)** 2016/002188 **(32)** 08.01.16 **(33)** JP  
**(43)** 27.07.2017  
**(72)** Okamoto, Seiji; Udaka, Tsutomu; Mitsuhashi, Tomoyuki; Hirota, Junichi  
**(74)** Shelston IP Pty Ltd.

**(71)** G.A.M. Manshanden Management B.V.  
**(11)** AU-A-2017204587  
**(21)** 2017204587 **(22)** 05.07.2017  
**(54)** Ship screw, pump screw or turbine screw  
**(51)** Int. Cl.  
**B63H 1/14** ( 2006.01 )  
**A61M 1/10** ( 2006.01 )  
**B63H 1/16** ( 2006.01 )  
**B63H 1/26** ( 2006.01 )  
**B63H 11/08** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2013272345  
**(72)** Manshanden, Gerardus Augustinus Maria  
**(74)** Shelston IP Pty Ltd.

**(71)** Galapagos NV  
**(11)** AU-A-2017204744  
**(21)** 2017204744 **(22)** 10.07.2017  
**(54)** 5-phenyl-[1,2,4]triazolo[1,5-a]pyridin-2-yl carboxamides as JAK inhibitors  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015218544  
**(72)** Menet, Christel Jeanne Marie; Smits, Koen Kurt  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Ganymed Pharmaceuticals AG; Johannes Gutenberg-Universität Mainz  
**(11)** AU-A-2017204663  
**(21)** 2017204663 **(22)** 07.07.2017  
**(54)** ANTIBODIES FOR TREATMENT OF CANCER EXPRESSING CLAUDIN 6  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012258087  
**(72)** Sahin, Ugur; Türeci, Özlem; Koslowski, Michael; Walter, Korden; Wöll, Stefan; Kreuzberg, Maria; Hubner, Bernd; Erdeljan, Michael; Weichel, Michael  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** GENENTECH, INC.  
**(11)** AU-A-2017204592  
**(21)** 2017204592 **(22)** 05.07.2017  
**(54)** Diagnostic methods and compositions for treatment of cancer  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

**(43)** 27.07.2017  
**(62)** 2013240234  
**(72)** HEGDE, Priti; SCHMIDT, Maik; YEH, Ru-fang  
**(74)** Griffith Hack

**(71)** General Electric Company  
**(11)** AU-A-2017204806  
**(21)** 2017204806 **(22)** 12.07.2017  
**(54)** SYSTEM AND METHOD FOR COMMUNICATING IN A VEHICLE CONSIST  
**(51)** Int. Cl.  
**B61L 3/02** ( 2006.01 )  
**H04W 84/06** ( 2009.01 )  
**(43)** 27.07.2017  
**(62)** 2015238861  
**(72)** Cooper, Jared Klineman; Smith, Eugene  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** GE Oil & Gas, Inc  
**(11)** AU-A-2017200185  
**(21)** 2017200185 **(22)** 11.01.2017  
**(54)** REDUCING REFRIGERATION DUTY ON A REFRIGERATION UNIT IN A GAS PROCESSING SYSTEM  
**(51)** Int. Cl.  
**F25J 1/02** ( 2006.01 )  
**F25J 3/08** ( 2006.01 )  
**(31)** 14/992,665 **(32)** 11.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Andrade, Eduardo; Davani, Negar; Kennedy, David Allen; Zigtema, John Raymond  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** GE Renewable Technologies  
**(11)** AU-A-2017200206  
**(21)** 2017200206 **(22)** 12.01.2017  
**(54)** DEVICE FOR REVERSING A BLADE OF A RUNNER UNIT  
**(51)** Int. Cl.  
**F03B 3/14** ( 2006.01 )  
**F03B 3/06** ( 2006.01 )  
**F03B 13/26** ( 2006.01 )  
**(31)** 16290007.0 **(32)** 12.01.16 **(33)** EP  
**(43)** 27.07.2017  
**(72)** Mathieu, Alain; Pein, Erwan  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Google Technology Holdings LLC  
**(11)** AU-A-2017204734  
**(21)** 2017204734 **(22)** 10.07.2017  
**(54)** TAGGING VISUAL MEDIA ON A MOBILE DEVICE  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06F 17/30** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015259585  
**(72)** Shakib, Bakak Robert; Otchenashko, Denis; Tsarov, Andrii  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Gowey Research Group PLLC  
**(11)** AU-A-2017200088  
**(21)** 2017200088 **(22)** 06.01.2017  
**(54)** Herbal formulations of carnivorous plants and methods for treating inflammation  
**(51)** Int. Cl.  
**A61K 36/18** ( 2006.01 )  
**A61K 31/7008** ( 2006.01 )  
**A61P 29/02** ( 2006.01 )  
**(31)** 14/990,107 **(32)** 07.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Gowey, Brandie  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Graco Minnesota Inc.  
**(11)** AU-A-2017200180  
**(21)** 2017200180 **(22)** 11.01.2017  
**(54)** INTEGRATED PUMP GUARD AND CONTROL INTERLOCK  
**(51)** Int. Cl.  
**B05B 9/043** ( 2006.01 )  
**B05B 15/00** ( 2006.01 )  
**(31)** 62/277,813 **(32)** 12.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Carideo, Max; Dalton, James M.; Johnston, Justin G.; Lins, Christopher A.; Wrobel, Steve J.  
**(74)** Fisher Adams Kelly Callinans

**(71)** Graco Minnesota Inc.  
**(11)** AU-A-2017200196  
**(21)** 2017200196 **(22)** 12.01.2017  
**(54)** PISTON ROD HAVING CAP RECESS  
**(51)** Int. Cl.  
**F04B 3/00** ( 2006.01 )  
**B05B 11/02** ( 2006.01 )  
**(31)** 62/277,832 **(32)** 12.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Johnston, Justin G.; Kopel, Andrew J.; Mulgrew, Brian M.; Wrobel, Steve J.  
**(74)** Fisher Adams Kelly Callinans

**(71)** Grünenthal GmbH  
**(11)** AU-A-2017204572  
**(21)** 2017204572 **(22)** 04.07.2017  
**(54)** Crystalline (1r,4r)-6'-fluoro-N,N-dimethyl-4-phenyl-4',9'-dihydro-3'H-spiro[cyclohexane-1,1'-pyrano[3,4,b]indol]-4-amine  
**(51)** Int. Cl.  
**C07D 491/10** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012283449  
**(72)** GRUSS, Michael; KLUGE, Stefan; PRUHS, Stefan  
**(74)** Spruson & Ferguson

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2017204581  
**(21)** 2017204581 **(22)** 04.07.2017  
**(54)** Nuclear magnetic resonance tool calibration  
**(51)** Int. Cl.  
**G01N 24/08** ( 2006.01 )

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 (62) 2013390618  
 (72) Jachmann, Rebecca Corina; Yang, Jie  
 (74) FB Rice Pty Ltd
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2017204596  
 (21) 2017204596 (22) 05.07.2017  
 (54) System, method and computer program product for photometric system design and environmental ruggedization  
 (51) Int. Cl.  
*F21V 13/00* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013381041  
 (72) Shen, Jing; Jones, Christopher Michael; Chen, Dingding; Zhang, Wei; Perkins, David L.  
 (74) FB Rice Pty Ltd
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- (71) Hanna, I.  
 (11) AU-A-2016277758  
 (21) 2016277758 (22) 26.12.2016  
 (54) SYNERGIC METHOD FOR HYDRO-DYNAMIC ENERGY GENERATION WITH NEUTRALIZED HEAD PRESSURE PUMP  
 (51) Int. Cl.  
*F03B 13/10* ( 2006.01 )  
*F03B 13/06* ( 2006.01 )  
*F03B 15/14* ( 2006.01 )  
 (31) 14/993,945 (32) 12.01.16 (33) US  
 (43) 27.07.2017  
 (72) Hanna, Ibrahim  
 (74) KAnalysis
- 
- (71) HEAR IP Pty Ltd  
 (11) AU-A-2017204569  
 (21) 2017204569 (22) 04.07.2017  
 (54) Biocompatible electrode component and method for fabrication thereof  
 (51) Int. Cl.  
*A61F 11/04* ( 2006.01 )  
*A61N 1/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
*H01L 21/683* ( 2006.01 )  
*H01L 23/12* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2012308087  
 (72) MERGEN, Silvana; NEWBOLD, Carrie  
 (74) Churchill Attorneys
- 
- (71) Herman Miller, Inc.  
 (11) AU-A-2017204815  
 (21) 2017204815 (22) 12.07.2017  
 (54) Partition system and accessories for use therewith  
 (51) Int. Cl.  
*H02G 3/38* ( 2006.01 )  
*A47B 21/00* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013308980  
 (72) PLIKAT, Claudia; SCHMITZ, Johann Burkhard; ZWICK, Carola Eva Marianne; ZWICK, Roland Rolf Otto; MAIDL, Janja  
 (74) Griffith Hack
- 
- (71) Hitachi Zosen Inova AG  
 (11) AU-A-2017200128  
 (21) 2017200128 (22) 09.01.2017  
 (54) Method and device for producing superheated steam by means of the heat produced in the boiler of an incineration plant  
 (51) Int. Cl.  
*F22G 7/10* ( 2006.01 )  
*F22B 37/10* ( 2006.01 )  
 (31) 16 150 949.2 (32) 12.01.16 (33) EP  
 (43) 27.07.2017  
 (72) Buhler, Niculin; Koller, Felix; Szepe-shazy, Istvan  
 (74) Shelston IP Pty Ltd.
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- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200101  
 (21) 2017200101 (22) 06.01.2017  
 (54) ARRANGEMENT IN CONNECTION WITH LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 9/00* ( 2006.01 )  
*A61H 7/00* ( 2006.01 )  
*A61M 1/00* ( 2006.01 )  
 (31) 62/275,814 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
- 
- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200102  
 (21) 2017200102 (22) 06.01.2017  
 (54) METHOD FOR ENHANCING POST-OPERATIVE HEALING USING LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )  
 (31) 62/275,813 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
- 
- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200104  
 (21) 2017200104 (22) 06.01.2017  
 (54) TREATMENT OF NERVE FUNCTION USING LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )  
 (31) 62/275,812 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
- 
- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200105  
 (21) 2017200105 (22) 06.01.2017  
 (54) TREATMENT OF NEUROPATHIC PAIN USING LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )
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- (31) 62/275,811 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
- 
- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200107  
 (21) 2017200107 (22) 06.01.2017  
 (54) TREATMENT METHOD APPLYING LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )  
 (31) 62/275,809 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
- 
- (71) HLD Healthy Life Devices Oy  
 (11) AU-A-2017200108  
 (21) 2017200108 (22) 06.01.2017  
 (54) TREATMENT OF HEAD AND NECK LYMPHEDEMA USING LOW PRESSURE SUCTION APPARATUS  
 (51) Int. Cl.  
*A61H 7/00* ( 2006.01 )  
 (31) 62/275,808 (32) 07.01.16 (33) US  
 (43) 27.07.2017  
 (72) Palomaki, Kalle; Basta, Steven  
 (74) Fisher Adams Kelly Callinans
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- (71) Huawei Device Co., Ltd.  
 (11) AU-A-2017204611  
 (21) 2017204611 (22) 06.07.2017  
 (54) Widget setting method and terminal device  
 (51) Int. Cl.  
*G06F 3/0481* ( 2013.01 )  
*G06F 3/041* ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2013284256  
 (72) LIU, Weijie  
 (74) Watermark Intellectual Property Pty Ltd
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- (71) HUBBLE, P.  
 (11) AU-A-2017200087  
 (21) 2017200087 (22) 06.01.2017  
 (54) A modular construction system and method  
 (51) Int. Cl.  
*E04B 1/38* ( 2006.01 )  
*E04B 1/343* ( 2006.01 )  
*E04B 1/348* ( 2006.01 )  
*E04B 1/66* ( 2006.01 )  
 (31) 2016900055 (32) 08.01.16 (33) AU  
 (43) 27.07.2017  
 (72) HUBBLE, Patrick Martin  
 (74) Patenteur Pty Ltd
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- (71) Hunt Energy Enterprises, L.L.C.  
 (11) AU-A-2017204662  
 (21) 2017204662 (22) 07.07.2017  
 (54) METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS  
 (51) Int. Cl.  
*H01L 31/04* ( 2006.01 )

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**C01G 23/04** ( 2006.01 )  
**H01L 31/18** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015296288  
**(72)** Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Hunter Douglas Inc.  
**(11)** AU-A-2017200179  
**(21)** 2017200179 **(22)** 11.01.2017  
**(54)** Cord drive assembly for an architectural covering with a braking member and associated biasing element  
**(51)** Int. Cl.  
**E06B 9/322** ( 2006.01 )  
**(31)** 62/277,638 **(32)** 12.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** Anderson, Richard N.  
**(74)** Shelston IP Pty Ltd.

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**(71)** Hussmann Corporation  
**(11)** AU-A-2017200023  
**(21)** 2017200023 **(22)** 04.01.2017  
**(54)** Heat exchanger including coil end close-off cover  
**(51)** Int. Cl.  
**F28F 1/00** ( 2006.01 )  
**(31)** 14/993,715 **(32)** 12.01.16 **(33)** US  
**(43)** 27.07.2017  
**(72)** REDE, Jacob J.  
**(74)** Griffith Hack

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**(71)** Hydropac/Lab Products, Inc.  
**(11)** AU-A-2017204521  
**(21)** 2017204521 **(22)** 30.06.2017  
**(54)** FLUID DELIVERY VALVE SYSTEM AND METHOD  
**(51)** Int. Cl.  
**A01K 7/00** ( 2006.01 )  
**A01K 7/06** ( 2006.01 )  
**F16K 31/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2014232965  
**(72)** Gabriel, George S.; Campbell, Neil E.; Irwin, Lynn; Gerringer, Rodney; Eldreth, Edward K.  
**(74)** Fisher Adams Kelly Callinans

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**(71)** ImmunoBiology Limited  
**(11)** AU-A-2017203173  
**(21)** 2017203173 **(22)** 12.05.2017  
**(54)** Method For The Production Of Protein Complexes And Vaccine Compositions Comprising The Same  
**(51)** Int. Cl.  
**A61K 39/385** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012232878  
**(72)** Colaco, Camilo; McEntee, Ian  
**(74)** WRAYS PTY LTD

**(71)** Infastech Intellectual Properties Pte. Ltd  
**(11)** AU-A-2017204743  
**(21)** 2017204743 **(22)** 10.07.2017  
**(54)** Negative drive angle  
**(51)** Int. Cl.  
**F16B 35/06** ( 2006.01 )  
**E01B 9/10** ( 2006.01 )  
**F16B 33/00** ( 2006.01 )  
**F16B 35/00** ( 2006.01 )  
**F16B 43/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012299056  
**(72)** Lukes, Richard W.; Luzum, Randy; Theismann, Mark; Osborn, Doug; Smith, Robert; Blaess, Donald K.  
**(74)** MINTER ELLISON

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**(71)** Inotek Pharmaceuticals Corporation  
**(11)** AU-A-2017204674  
**(21)** 2017204674 **(22)** 10.07.2017  
**(54)** ANHYDROUS POLYMORPHS OF [(2R,3S,4R,5R)-5-(6-(CYCLOPENTYLAMINO)-9H-PURIN-9-YL)-3,4-DIHYDROXYTETRAHYDROFURAN-2-YL] METHYL NITRATE AND PROCESSES OF PREPARATION THEREOF  
**(51)** Int. Cl.  
**C07H 19/167** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 27/06** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2013211957  
**(72)** McVicar, William K.  
**(74)** In-Legal Limited

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**(71)** Inovio Pharmaceuticals, Inc  
**(11)** AU-A-2017204802  
**(21)** 2017204802 **(22)** 12.07.2017  
**(54)** A minimally invasive dermal electroporation device  
**(51)** Int. Cl.  
**A61N 1/30** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015203882  
**(72)** Broderick, Kate; Kemmerrer, Stephen; McCoy, Jay  
**(74)** FB Rice Pty Ltd

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**(71)** Ionis Pharmaceuticals, Inc.  
**(11)** AU-A-2017204772  
**(21)** 2017204772 **(22)** 12.07.2017  
**(54)** COMPOSITIONS AND THEIR USES DIRECTED TO HUNTINGTIN  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(43)** 27.07.2017  
**(62)** 2013203297  
**(72)** Freier, Susan M.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** IP Science Limited  
**(11)** AU-A-2017204740  
**(21)** 2017204740 **(22)** 10.07.2017

**(54)** CAROTENOID PARTICLES AND USES THEREOF  
**(51)** Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 31/355** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012213235  
**(72)** Petyaev, Ivan  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Itron, Inc.  
**(11)** AU-A-2017204562  
**(21)** 2017204562 **(22)** 04.07.2017  
**(54)** Visualizing energy consumption and cost trends using virtual billing cycle calculations and statistical analysis  
**(51)** Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**G06Q 30/04** ( 2012.01 )  
**(43)** 27.07.2017  
**(62)** 2014235447  
**(72)** ANGELIS, Bruce Christopher; WALKER, Andrew Ray  
**(74)** Spruson & Ferguson

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**(71)** Ivenix, Inc.  
**(11)** AU-A-2017204557  
**(21)** 2017204557 **(22)** 04.07.2017  
**(54)** Fluid flow measurement and control  
**(51)** Int. Cl.  
**A61M 5/168** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2014215580  
**(72)** AMBROSINA, Jesse E.; POWERS, Benjamin G.; SHAJII, Ali  
**(74)** Spruson & Ferguson

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**(71)** Janssen Pharmaceutica NV  
**(11)** AU-A-2017204598  
**(21)** 2017204598 **(22)** 05.07.2017  
**(54)** Meglumine salt formulations of 1-(5,6-dichloro-1H-benzo[d]imidazol-2-yl)-1H-pyrazole-4-carboxylic acid  
**(51)** Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012328763  
**(72)** Sepassi, Kia; Rizzolio, Michele C.  
**(74)** Shelston IP Pty Ltd.

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**Johannes Gutenberg-Universität Mainz**  
**see Ganymed Pharmaceuticals AG**  
**(21)** 2017204663

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**(71)** Johnson & Johnson Vision Care, Inc.  
**(11)** AU-A-2017204759  
**(21)** 2017204759 **(22)** 11.07.2017  
**(54)** ESTERS FOR TREATMENT OF OCULAR INFLAMMATORY CONDITIONS  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/201** ( 2006.01 )



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**A61K 31/202** ( 2006.01 )  
**A61K 31/203** ( 2006.01 )  
**A61K 31/557** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 27/04** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012275760  
**(72)** Gallois, Annabelle  
**(74)** Fisher Adams Kelly Callinans

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**(71)** Kabbage, Inc.  
**(11)** AU-A-2017204644  
**(21)** 2017204644 **(22)** 07.07.2017  
**(54)** Method and apparatus to evaluate and provide funds in online environments  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**(43)** 27.07.2017  
**(62)** 2012242526  
**(72)** FROHWEIN, Robert James;  
 PETRALIA, Kathryn Tison  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Kang, C.G.  
**(11)** AU-A-2016202389  
**(21)** 2016202389 **(22)** 15.04.2016  
**(54)** Method of providing sales-based discount  
**(51)** Int. Cl.  
**G06Q 30/00** ( 2012.01 )  
**G06Q 20/00** ( 2012.01 )  
**(31)** 10-2016-0003693 **(32)** 12.01.16 **(33)** KR  
**(43)** 27.07.2017  
**(72)** Kang, Chan Go  
**(74)** Spruson & Ferguson

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**Kehoe, M. see McCarthy, W.**  
**(21)** 2017204605

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**(71)** Khouri, R.; Rigotti, G.; Baroni, G.  
**(11)** AU-A-2017204616  
**(21)** 2017204616 **(22)** 06.07.2017  
**(54)** METHOD AND DEVICES FOR TISSUE EXPANSION  
**(51)** Int. Cl.  
**A61F 2/52** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015203687  
**(72)** Khouri, Roger K.; Baroni, Guido; Rigotti, Gino  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**Koszinowski, U. see Thirion, C.**  
**(21)** 2017204774

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**(71)** Le Griffon, K.  
**(11)** AU-A-2016200134  
**(21)** 2016200134 **(22)** 09.01.2016  
**(54)** A latch for containers with lids to automatically and selectively prevent or allow lid opening depending on container orientation  
**(51)** Int. Cl.  
**B65F 1/16** ( 2006.01 )

**B65D 45/16** ( 2006.01 )  
**(43)** 27.07.2017  
**(72)** Le Griffon, Ken  
**(74)** Ken Le Griffon

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**(71)** LIN, H.  
**(11)** AU-A-2017204599  
**(21)** 2017204599 **(22)** 05.07.2017  
**(54)** Gas generator for health use  
**(51)** Int. Cl.  
**A61L 9/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2016200336  
**(72)** LIN, Hsin-Yung  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(71)** Linde Aktiengesellschaft  
**(11)** AU-A-2017200194  
**(21)** 2017200194 **(22)** 12.01.2017  
**(54)** A cylinder for pressurised liquefied gas and a method of calculating the liquid volume  
**(51)** Int. Cl.  
**G01F 23/26** ( 2006.01 )  
**(31)** 1600561.3 **(32)** 12.01.16 **(33)** GB  
**(43)** 27.07.2017  
**(72)** Bayerl, Wilhelm  
**(74)** Shelston IP Pty Ltd.

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**(71)** Lpath, Inc.  
**(11)** AU-A-2017204635  
**(21)** 2017204635 **(22)** 06.07.2017  
**(54)** Methods and kits for detecting and diagnosing neurotrauma  
**(51)** Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015264913  
**(72)** Sabbadini, Roger A.  
**(74)** WRAYS PTY LTD

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**(71)** Magic Leap, Inc.  
**(11)** AU-A-2017204738  
**(21)** 2017204738 **(22)** 10.07.2017  
**(54)** Massive simultaneous remote digital presence world  
**(51)** Int. Cl.  
**G06F 15/16** ( 2006.01 )  
**G06F 3/00** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2012253797  
**(72)** Abovitz, Rony  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Magic Leap, Inc.  
**(11)** AU-A-2017204739  
**(21)** 2017204739 **(22)** 10.07.2017  
**(54)** Massive simultaneous remote digital presence world  
**(51)** Int. Cl.  
**G06F 15/16** ( 2006.01 )  
**G06F 3/00** ( 2006.01 )

**(43)** 27.07.2017  
**(62)** 2012253797  
**(72)** Abovitz, Rony  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Mallinckrodt Hospital Products IP Limited  
**(11)** AU-A-2017204422  
**(21)** 2017204422 **(22)** 29.06.2017  
**(54)** Gas delivery device and system  
**(51)** Int. Cl.  
**A61M 16/10** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )  
**(43)** 27.07.2017  
**(62)** 2015200792  
**(72)** Bathe, Duncan P.; Klaus, John; Christensen, David  
**(74)** Dark IP

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**(71)** Martin, A.  
**(11)** AU-A-2017204588  
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**(54)** CONVEYOR STRUCTURE AND METHOD FOR HANDLING  
**(51)** Int. Cl.  
**B65G 21/10** ( 2006.01 )  
**B65G 41/00** ( 2006.01 )  
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**(72)** Martin, Andrew Jon  
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**(11)** AU-A-2017204735  
**(21)** 2017204735 **(22)** 10.07.2017  
**(54)** Fracture water treatment method and system  
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**E21B 43/34** ( 2006.01 )  
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**A63B 21/16** ( 2006.01 )  
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**A61H 23/02** ( 2006.01 )  
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**A61N 1/05** ( 2006.01 )  
**A61F 11/00** ( 2006.01 )  
**A61M 39/02** ( 2006.01 )

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**C07D 487/04** ( 2006.01 )  
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**A61P 31/00** ( 2006.01 )  
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**C07K 14/415** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
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**A23L 7/10** ( 2016.01 )  
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**A61L 9/00** ( 2006.01 )  
**B01J 8/02** ( 2006.01 )  
**B01J 23/10** ( 2006.01 )  
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**H04L 12/28** ( 2006.01 )  
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*F01D 25/16* ( 2006.01 )  
*F16C 39/06* ( 2006.01 )  
*H02K 7/09* ( 2006.01 )  
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*A61F 7/12* ( 2006.01 )  
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*A61N 1/36* ( 2006.01 )  
*A61F 7/12* ( 2006.01 )  
*A61H 1/00* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
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 (54) System for Promoting Play on Electronic Gaming Devices and Engagement with Casino Personnel  
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*A63F 13/00* ( 2014.01 )  
*A63F 13/85* ( 2014.01 )  
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*A01H 5/00* ( 2006.01 )  
*A01H 4/00* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2017200062 (22) 05.01.2017  
 (54) Cotton variety PX499CB5W3FE  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )  
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     A01H 5/00 ( 2006.01 )  
     A01H 4/00 ( 2006.01 )  
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 (54) Cotton variety PX8188RF-HB  
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 (54) Cotton variety PX2037-18WRF  
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     A01H 5/00 ( 2006.01 )  
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 (54) Cotton variety PX2045-11WRF  
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     A01H 5/00 ( 2006.01 )  
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     ASSEMBLY  
 (51) Int. Cl.  
     G02B 5/30 ( 2006.01 )  
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     compositions  
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     A61K 36/28 ( 2006.01 )  
     A61K 9/70 ( 2006.01 )  
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     A61K 35/407 ( 2006.01 )  
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     drochloride having less than 25 ppm  
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     C07D 489/00 ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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     function  
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 (54) Product management display system  
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     A47F 1/12 ( 2006.01 )  
     A47F 3/14 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 9/16 ( 2006.01 )  
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 B03C 1/00 ( 2006.01 )  
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**C07K 16/08** ( 2006.01 )  
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**A61L 2/10** ( 2006.01 )  
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**F16D 11/16** ( 2006.01 )  
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**A61K 31/53** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
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 A61K 39/02 ( 2006.01 )  
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 (72) Medoff, Marshall; Masterman, Thomas; Bae, Seula; Wallick, Kelly  
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(71) Yale University  
 (11) AU-A-2017204640  
 (21) 2017204640 (22) 07.07.2017  
 (54) SMALL-MOLECULE HYDROPHOBIC TAGGING OF FUSION PROTEINS AND INDUCED DEGRADATION OF SAME  
 (51) Int. Cl.  
 C07K 17/02 ( 2006.01 )  
 A61K 31/66 ( 2006.01 )  
 A61K 31/7076 ( 2006.01 )  
 A61K 31/708 ( 2006.01 )  
 A61P 31/00 ( 2006.01 )

(43) 27.07.2017  
 (62) 2011338615  
 (72) Crews, Craig M.; Tae, Hyun Seop; Schneekloth, Ashley R.; Neklesa, Taavi; Sundberg, Thomas  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Yale University  
 (11) AU-A-2017204748  
 (21) 2017204748 (22) 11.07.2017  
 (54) (--)Huperzine A processes and related compositions and methods of treatment  
 (51) Int. Cl.  
 C07D 221/20 ( 2006.01 )  
 A61K 31/439 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2012226251  
 (72) Herzon, Seth; Tun, Maung Kway Moe  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) ZELAM LIMITED  
 (11) AU-A-2017204767  
 (21) 2017204767 (22) 12.07.2017  
 (54) HERBICIDAL COMPOSITIONS  
 (51) Int. Cl.  
 A01N 41/02 ( 2006.01 )  
 A01N 33/26 ( 2006.01 )  
 (43) 27.07.2017  
 (62) 2014203831  
 (72) LOBB, Paul Garry; HARRIS, Gordon William; GUY, Meredith Ann; MILLWARD, Stephen; MOLLOY, Christopher; RAE, Wallace James  
 (74) PIPERS

(71) Zimmer, Inc.  
 (11) AU-A-2017204637  
 (21) 2017204637 (22) 07.07.2017  
 (54) BONE PLATE FOR ELASTIC OSTEO-SYNTHESIS  
 (51) Int. Cl.  
 A61B 17/70 ( 2006.01 )  
 A61B 17/76 ( 2006.01 )  
 A61F 2/28 ( 2006.01 )



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**(43)** 27.07.2017

**(62)** 2013214894

**(72)** Bottlang, Michael; Madey, Steven M.;  
Wirtz, Kyle; Tsai, Stanley

**(74)** Phillips Ormonde Fitzpatrick

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<b>B65G 41 /-</b> 2017204588	<b>C12N 1 /-</b> 2017204745	<b>E04B 2 /-</b> 2017204808	<b>F16M 11 /-</b> 2016200150	<b>G01N 33 /-</b> 2017204590 2017204635 2017204792	<b>G06Q 20 /-</b> 2016202389 2017200066 2017204644
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**H01L 23 /-**

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**No IPC Mark**

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 (54) Virtual assistant activation  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Competing devices responding to voice triggers  
 (51) Int. Cl.  
*G06F 3/16* ( 2006.01 )  
*G10L 15/22* ( 2006.01 )  
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 (54) Window Commercial Cleaner  
 (51) Int. Cl.

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 (54) Pantry Buddy is a domestic device to help people keep stock of the contents of their pantry. An electronic, online (WiFi connected) application which can be accessed from ones mobile devices if you are not home and need to check the contents of your pantry. Electronic device installed in my pantry which can be used to scan products in and out of my pantry, create min quantities and create an order sheet of items out of stock to make stock take and re ordering simple.  
 (51) Int. Cl.  
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 (54) Tooling for turning a boss for a box which allows for compensation for manufacturing tolerance  
 (51) Int. Cl.  
**B23Q 23/00** ( 2006.01 )  
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 (51) Int. Cl.  
**B23Q 23/00** ( 2006.01 )  
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 (54) Reliably-fixed structure for fixing a carbon brush leading-out wire  
 (51) Int. Cl.  
**H02K 13/10** ( 2006.01 )  
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 (72) JIN, Yongbo  
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 (54) Anti-loosening structure for fixing a carbon brush leading-out wire  
 (51) Int. Cl.  
**H02K 13/10** ( 2006.01 )  
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 (54) Insulating structure for a terminal of a DC motor  
 (51) Int. Cl.  
**G01R 1/04** ( 2006.01 )  
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 (72) JIN, Yongbo  
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 (51) Int. Cl.  
**G09B 5/06** ( 2006.01 )  
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 (72) Edwards, Sharona Dianne  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Fujian Xihe Sanitary Ware Technology Co., Ltd.  
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 (51) Int. Cl.  
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 (11) AU-A-2017100837  
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 (54) Ultrathin Super Liquid-Absorbing Baby Diaper  
 (51) Int. Cl.  
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 (72) Li, Xinhua  
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (54) A system for underground mine environment humidification for dust suppression  
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 (72) Hatch, Mark; Renwick, Brett  
 (74) Patentec Patent Attorneys

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 (54) Device for assembling a shaft pin on a shaft by pressing  
 (51) Int. Cl.  
**B23P 11/00** ( 2006.01 )  
 (45) 27.07.2017  
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 (11) AU-A-2017100854  
 (21) 2017100854 (22) 26.06.2017  
 (54) Easily-used device for assembling a shaft pin on a shaft by pressing  
 (51) Int. Cl.  
**B23P 19/02** ( 2006.01 )  
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 (54) Reliable device for assembling a shaft pin on a shaft by pressing  
 (51) Int. Cl.  
**B23P 19/02** ( 2006.01 )  
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 (21) 2017100856 (22) 26.06.2017  
 (54) High-precision device for assembling a shaft pin on a shaft by pressing  
 (51) Int. Cl.  
**B23P 19/02** ( 2006.01 )  
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 (54) Easily-processed device for assembling a shaft pin on a shaft by pressing  
 (51) Int. Cl.  
**B23P 19/02** ( 2006.01 )  
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 (54) Fixture for multi-station processing a bearing hole on an end face of a box  
 (51) Int. Cl.  
**B23Q 3/00** ( 2006.01 )  
**B23P 19/02** ( 2006.01 )

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 (21) 2017100859 (22) 26.06.2017  
 (54) High-precision fixture for multi-station processing a bearing hole on an end face of a box  
 (51) Int. Cl.  
**B23Q 39/04** ( 2006.01 )  
**B23Q 3/02** ( 2006.01 )

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 (11) AU-A-2017100860  
 (21) 2017100860 (22) 26.06.2017  
 (54) Fixture for multi-station processing a bearing hole on an end face of a box showing reliable fixation of workpieces  
 (51) Int. Cl.  
**B23Q 39/04** ( 2006.01 )  
**B23Q 3/02** ( 2006.01 )

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(71) INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP  
 (11) AU-A-2017100861

(21) 2017100861 (22) 26.06.2017  
 (54) Inclination-prevention fixture for multi-station processing a bearing hole on an end face of a box  
 (51) Int. Cl.  
**B23Q 39/04** ( 2006.01 )  
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 (11) AU-A-2017100862  
 (21) 2017100862 (22) 26.06.2017  
 (54) Fixture for multi-station processing a bearing hole on an end face of a box which is convenient for picking and placing workpieces

(51) Int. Cl.  
**B23Q 39/04** ( 2006.01 )  
**B23Q 3/02** ( 2006.01 )  
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(71) INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP  
 (11) AU-A-2017100863  
 (21) 2017100863 (22) 26.06.2017  
 (54) Easily-fixed fixture for multi-station processing a bearing hole on an end face of a box

(51) Int. Cl.  
**B23Q 39/04** ( 2006.01 )  
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 (54) Shaft extension length detection device

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**G01B 3/00** ( 2006.01 )  
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 (21) 2017100868 (22) 26.06.2017  
 (54) Easily-assembled shaft extension length detection device

(51) Int. Cl.  
**G01B 5/00** ( 2006.01 )  
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 (54) High-stability shaft extension length detection device  
 (51) Int. Cl.  
**G01B 5/02** ( 2006.01 )  
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 (54) Anti-shift shaft extension length detection device  
 (51) Int. Cl.  
**G01B 5/02** ( 2006.01 )  
**G01B 3/00** ( 2006.01 )  
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 (54) Easily-operated shaft extension length detection device  
 (51) Int. Cl.  
**G01B 5/02** ( 2006.01 )  
**F02B 77/00** ( 2006.01 )

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 (21) 2017100873 (22) 26.06.2017  
 (54) High-reliability shaft extension length detection device  
 (51) Int. Cl.  
**G01B 5/02** ( 2006.01 )  
**F02B 77/00** ( 2006.01 )

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(71) LTRAKA Pty Ltd

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 (21) 2017100877 (22) 28.06.2017  
 (54) Verifiable activity measurement  
 (51) Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**G06F 17/40** ( 2006.01 )

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**G07C 5/08** ( 2006.01 )  
**G07C 9/00** ( 2006.01 )  
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 Brett Robert  
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**(21)** 2017100708 **(22)** 13.06.2017  
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 desktops and mobile social platform us-  
 ing QR code.  
**(51)** Int. Cl.  
**G06F 17/40** ( 2006.01 )  
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**(72)** Lu, Liang; Chen, Wenzheng  
**(74)** Liang Lu

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**(11)** AU-A-2017100761  
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**(54)** A NEW-TYPE CARRIAGE  
**(51)** Int. Cl.  
**B62D 29/04** ( 2006.01 )  
**B61D 17/04** ( 2006.01 )  
**B62D 33/04** ( 2006.01 )  
**(31)** 201720588070.2 **(32)** 24.05.17 **(33)** CN  
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 Tse, Yun Ching Biddy  
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**Martin, N. see Chapman, B.**  
**(21)** 2017100691

**(71)** Norton, M.  
**(11)** AU-A-2017100402  
**(21)** 2017100402 **(22)** 09.04.2017  
**(54)** Dry and Wet Pre Separator Apparatus  
 & Wet Vacuum Cyclone Chamber In-  
 vention  
**(51)** Int. Cl.  
**A47L 7/00** ( 2006.01 )  
**B04C 7/00** ( 2006.01 )  
**(31)** 2016901321 **(32)** 10.04.16 **(33)** AU  
**(45)** 27.07.2017  
**(72)** Norton, Mathew Raymund  
**(74)** Mathew Raymund Norton

**(71)** Parks Industries Pty Ltd  
**(11)** AU-A-2017100838  
**(21)** 2017100838 **(22)** 23.06.2017  
**(54)** An Excavator and a hydraulic rod and  
 cylinder arrangement for a arm and  
 bucket assembly of an excavator  
**(51)** Int. Cl.  
**E02F 3/36** ( 2006.01 )  
**E02F 9/00** ( 2006.01 )  
**(45)** 27.07.2017  
**(72)** PARKS, Peter  
**(74)** Griffith Hack

**(71)** PTT Global Chemical Public Company  
 Limited  
**(11)** AU-A-2017100888  
**(21)** 2017100888 **(22)** 29.06.2017  
**(54)** POLYCARBONATE COMPOSITION  
 WITH IMPROVED MECHANICAL  
 PROPERTIES  
**(51)** Int. Cl.  
**C08L 25/12** ( 2006.01 )  
**C08L 27/18** ( 2006.01 )  
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**(72)** Kunanuruksapong, Ruksapong; Yun-  
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 ong, Apisit; Suppaibulsuk, Bunthita  
**(74)** Phillips Ormonde Fitzpatrick

**Renwick, B. see Hatch, M.**  
**(21)** 2017100609

**(71)** SANCELL PTY LTD  
**(11)** AU-A-2017100791  
**(21)** 2017100791 **(22)** 19.06.2017  
**(54)** PERISHABLE GOOD COOLING  
 MEANS  
**(51)** Int. Cl.  
**F25D 5/00** ( 2006.01 )  
**B65D 81/38** ( 2006.01 )  
**C09K 5/02** ( 2006.01 )  
**(45)** 27.07.2017  
**(72)** TURNER, James  
**(74)** Churchill Attorneys

**(71)** Shaanxi Huikang Bio-Tech Co.,Ltd  
**(11)** AU-A-2017100834  
**(21)** 2017100834 **(22)** 23.06.2017  
**(54)** Method for purifying argireline  
**(51)** Int. Cl.  
**C07K 1/18** ( 2006.01 )  
**C07K 1/20** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**(31)** 2017100057874 **(32)** 04.01.17 **(33)** CN  
**(45)** 27.07.2017  
**(72)** Guo, Tian; Su, Chencan; Li, Qian;  
 Zhang, Zhongqi; Wang, Huijia; Wang,  
 Wanke; Han, Guang; Wang, Hui; Gao,  
 Changbo; Zhao, Jinli; Yang, Xiaolin  
**(74)** Shelston IP Pty Ltd.

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- (71) Tobler, K.; Davies, M.  
 (11) AU-A-2017100673  
 (21) 2017100673 (22) 08.06.2017  
 (54) HULL PROTECTOR  
 (51) Int. Cl.  
     **B63B 59/04** ( 2006.01 )  
     **B63B 59/08** ( 2006.01 )  
 (31) 2016902296 (32) 14.06.16 (33) AU  
 (45) 27.07.2017  
 (72) Tobler, Kurt Micheal; Davies, Mark  
 (74) Kurt Micheal Tobler
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- (71) Voltex Electrical Accessories Pty Ltd  
 (11) AU-A-2017100820  
 (21) 2017100820 (22) 22.06.2017  
 (54) APPARATUS AND METHOD FOR FIX-  
 ING A FACE PLATE  
 (51) Int. Cl.  
     **H02G 3/14** ( 2006.01 )  
 (45) 27.07.2017  
 (72) Tunley, Gregory James  
 (74) Summit IP
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- (71) WHS Trading Australia Pty Ltd  
 (11) AU-A-2017100919  
 (21) 2017100919 (22) 08.03.2017  
 (54) Planter Bag  
 (51) Int. Cl.  
     **A01G 9/02** ( 2006.01 )  
     **A01G 23/04** ( 2006.01 )  
 (31) 2016902023 (32) 27.05.16 (33) AU  
     2016900862 08.03.16 AU  
 (45) 27.07.2017  
 (72) Stowe, Robert Geoffrey; Turner, Steve  
 (74) Watermark Intellectual Property Pty Ltd
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100823  
 (21) 2017100823 (22) 22.06.2017  
 (54) High-efficiency cooling structure for a  
 controller circuit board  
 (51) Int. Cl.  
     **G06F 1/20** ( 2006.01 )  
     **H05K 7/20** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIN, Guanjun  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100824  
 (21) 2017100824 (22) 22.06.2017  
 (54) Cooling structure for a controller circuit  
 board exhibiting good protection per-  
 formance  
 (51) Int. Cl.  
     **H05K 7/20** ( 2006.01 )
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- (45) 27.07.2017  
 (72) JIN, Guanjun  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100831  
 (21) 2017100831 (22) 23.06.2017  
 (54) Scratch-proof protection structure for a  
 leading-out wire of a motor  
 (51) Int. Cl.  
     **H02K 5/00** ( 2006.01 )  
     **H01R 13/41** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100833  
 (21) 2017100833 (22) 23.06.2017  
 (54) Highly-sealed protection structure for a  
 leading-out wire of a motor  
 (51) Int. Cl.  
     **H02K 5/00** ( 2006.01 )  
     **H01R 13/41** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100842  
 (21) 2017100842 (22) 26.06.2017  
 (54) Easily-manufactured protection struc-  
 ture for a leading-out wire of a motor  
 (51) Int. Cl.  
     **H02K 5/22** ( 2006.01 )  
     **H01B 17/58** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100843  
 (21) 2017100843 (22) 26.06.2017  
 (54) Long-service-life protection structure for  
 a leading-out wire of a motor  
 (51) Int. Cl.  
     **H01B 17/58** ( 2006.01 )  
     **H02K 5/22** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100844  
 (21) 2017100844 (22) 26.06.2017
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- (54) Simple-structure protection structure for  
 a leading-out wire of a motor  
 (51) Int. Cl.  
     **H02K 5/22** ( 2006.01 )  
     **H01B 17/58** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100846  
 (21) 2017100846 (22) 26.06.2017  
 (54) Easily-assembled protection structure  
 for a leading-out wire of a motor  
 (51) Int. Cl.  
     **H02K 13/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) RUAN, Xiaoding  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100848  
 (21) 2017100848 (22) 26.06.2017  
 (54) Adjustable riveting assist device  
 (51) Int. Cl.  
     **B21J 15/38** ( 2006.01 )  
     **B25B 11/02** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIANG, Junwei  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100849  
 (21) 2017100849 (22) 26.06.2017  
 (54) Anti-loosening adjustable riveting assist  
 device  
 (51) Int. Cl.  
     **B21J 13/00** ( 2006.01 )  
     **B21J 15/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIANG, Junwei  
 (74) Admiral Trademarks & Patents Ser-  
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- (71) Zhejiang Jinguang Solar Technology  
 Co.,Ltd.  
 (11) AU-A-2017100850  
 (21) 2017100850 (22) 26.06.2017  
 (54) High-precision adjustable riveting assist  
 device  
 (51) Int. Cl.  
     **B21J 13/00** ( 2006.01 )  
     **B21J 15/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIANG, Junwei  
 (74) Admiral Trademarks & Patents Ser-  
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(71) Zhejiang Jinguang Solar Technology Co.,Ltd.  
 (11) AU-A-2017100851  
 (21) 2017100851 (22) 26.06.2017  
 (54) Adjustable riveting assist device which can prevent over-riveting  
 (51) Int. Cl.  
     **B21J 13/00** ( 2006.01 )  
     **B21J 15/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIANG, Junwei  
 (74) Admiral Trademarks & Patents Services

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(71) Zhejiang Jinguang Solar Technology Co.,Ltd.  
 (11) AU-A-2017100852  
 (21) 2017100852 (22) 26.06.2017  
 (54) Easily-fixed adjustable riveting assist device  
 (51) Int. Cl.  
     **B21J 13/00** ( 2006.01 )  
     **B21J 15/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) JIANG, Junwei  
 (74) Admiral Trademarks & Patents Services

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(71) ZHEJIANG LINIX MOTOR CO.,LTD  
 (11) AU-A-2017100762  
 (21) 2017100762 (22) 16.06.2017  
 (54) Pickup device for an encoder  
 (51) Int. Cl.  
     **B23P 21/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) CHEN, Yongfei  
 (74) Atkinson IP

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(71) ZHEJIANG LINIX MOTOR CO.,LTD.  
 (11) AU-A-2017100773  
 (21) 2017100773 (22) 16.06.2017  
 (54) Commutator assembly device  
 (51) Int. Cl.  
     **H02K 5/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) WANG, Xin  
 (74) Atkinson IP

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(71) ZHEJIANG LINIX MOTOR CO.,LTD.  
 (11) AU-A-2017100779  
 (21) 2017100779 (22) 17.06.2017  
 (54) Universal commutator assembly device  
 (51) Int. Cl.  
     **H02P 25/04** ( 2006.01 )  
     **H02K 27/00** ( 2006.01 )  
 (45) 27.07.2017  
 (72) WANG, Xin  
 (74) Atkinson IP

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<p>2017100402 Norton, M.                  2017100609 Hatch, M.; Renwick, B.                  2017100673 Tobler, K.; Davies, M.                  2017100689 Fujian Xihe Sanitary Ware Technology Co., Ltd.                  2017100691 Chapman, B.; Martin, N.                  2017100708 Lu, L.; Chen, W.                  2017100758 Edwards, S.                  2017100761 Man Power Motors Company Limited                  2017100762 ZHEJIANG LINIX MOTOR CO.,LTD                  2017100773 ZHEJIANG LINIX MOTOR CO.,LTD.                  2017100779 ZHEJIANG LINIX MOTOR CO.,LTD.                  2017100791 SANCELL PTY LTD                  2017100797 DONGYANG LINIX MACHINE ELECTRICITY CO., LTD                  2017100798 DONGYANG LINIX MACHINE ELECTRICITY CO.,LTD                  2017100802 Apple Inc.                  2017100803 Changzhou Yufeng Furniture Company Limited                  2017100808 DONGYANG LINIX MACHINE ELECTRICITY CO.,LTD                  2017100809 DONGYANG LINIX MACHINE ELECTRICITY CO.,LTD                  2017100810 DONGYANG LINIX MACHINE ELECTRICITY CO.,LTD                  2017100811 DONGYANG LINIX MACHINE ELECTRICITY CO.,LTD                  2017100820 Voltex Electrical Accessories Pty Ltd                  2017100823 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100824 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100826 Combrink, J.                  2017100831 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100833 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100834 Shaanxi Huikang Bio-Tech Co.,Ltd                  2017100837 Hangzhou Yuhong Sanitary Products Co., Ltd.                  2017100838 Parks Industries Pty Ltd                  2017100842 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100843 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100844 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100845 A &amp; L Windows Pty. Ltd.                  2017100846 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100848 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100849 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100850 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100851 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100852 Zhejiang Jinguang Solar Technology Co.,Ltd.                  2017100853 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100854 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100855 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100856 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100857 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100858 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100859 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100860 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100861 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP</p>	<p>2017100862 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100863 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100867 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100868 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100870 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100871 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100872 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100873 INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-                  DIAN GROUP                  2017100877 LTRAKA Pty Ltd                  2017100879 Apple Inc.                  2017100887 Apple Inc.                  2017100888 PTT Global Chemical Public Company Limited                  2017100890 Apple Inc.                  2017100891 Gollinucci, G.                  2017100919 WHS Trading Australia Pty Ltd</p>
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2017100919	2017100854	2017100888	2017100811	2017100802
	2017100855			
	2017100856			<b><u>H01R 13 /-</u></b>
<b><u>A01G 9 /-</u></b>	2017100857	<b><u>C08L 27 /-</u></b>		2017100831
2017100919	2017100858	2017100888		2017100833
			<b><u>G06F 1 /-</u></b>	
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			<b><u>G06F 17 /-</u></b>	
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2017100891	2017100797	2017100888	2017100877	2017100820
	2017100798		2017100887	
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	2017100859		2017100879	<b><u>H02K 13 /-</u></b>
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2017100691	2017100861	2017100791	2017100890	2017100809
	2017100862			2017100810
<b><u>A47L 11 /-</u></b>	2017100863	<b><u>E02F 3 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2017100846
2017100691		2017100838	2017100877	
	<b><u>B23Q 39 /-</u></b>		<b><u>G06Q 30 /-</u></b>	<b><u>H02K 27 /-</u></b>
<b><u>A47L 7 /-</u></b>	2017100859	<b><u>E02F 9 /-</u></b>	2017100826	2017100779
2017100402	2017100860	2017100838		
	2017100861		<b><u>G06Q 50 /-</u></b>	<b><u>H02K 5 /-</u></b>
<b><u>A61F 13 /-</u></b>	2017100862	<b><u>E05B 1 /-</u></b>	2017100877	2017100773
2017100837	2017100863	2017100845	2017100877	2017100831
			<b><u>G07C 5 /-</u></b>	2017100833
	<b><u>B25B 11 /-</u></b>	<b><u>E21F 5 /-</u></b>	2017100877	2017100842
	2017100848	2017100609		2017100843
			<b><u>G07C 9 /-</u></b>	2017100844
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2017100402	<b><u>B61D 17 /-</u></b>			2017100779
	2017100761	<b><u>F02B 77 /-</u></b>	2017100877	
<b><u>B05B 1 /-</u></b>		2017100872	<b><u>G09B 5 /-</u></b>	<b><u>H04L 29 /-</u></b>
2017100689	<b><u>B62D 29 /-</u></b>	2017100873	2017100758	2017100890
	2017100761			
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<b><u>B21J 13 /-</u></b>			<b><u>G01B 3 /-</u></b>	<b><u>H05K 7 /-</u></b>
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2017100852	<b><u>B65D 81 /-</u></b>	2017100873		<b><u>No IPC Mark</u></b>
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2017100851		2017100872		
2017100852	<b><u>C07K 1 /-</u></b>	2017100873	<b><u>H01B 17 /-</u></b>	
<b><u>B23P 11 /-</u></b>	2017100834		2017100842	
2017100853			2017100843	
	<b><u>C07K 7 /-</u></b>		2017100844	
	2017100834			

PCT applications which have entered the National Phase

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

<p>(71) 10X Genomics, Inc.                      (11) AU-A-2016207023                      (21) 2016207023 (22) 07.01.2016                      (54) Processes and systems for preparing nucleic acid sequencing libraries and libraries prepared using same                      (51) Int. Cl.                      B01J 19/00 (2006.01)                      (87) WO2016/114970                      (31) 62/102,420 (32) 12.01.15 (33) US                      62/262,769 03.12.15 US                      (43) 21.07.2016                      (72) Hardenbol, Paul; Patel, Pranav; Hindson, Benjamin; Wyatt, Paul; Bjornson, Keith; Wu, Indira; Belhocine, Kamila                      (74) Houlihan<sup>2</sup> Pty Ltd</p>	<p>A61P 17/00 (2006.01)                      A61P 17/06 (2006.01)                      A61P 19/02 (2006.01)                      A61P 25/00 (2006.01)                      A61P 27/02 (2006.01)                      A61P 35/00 (2006.01)                      A61P 35/04 (2006.01)                      A61P 37/06 (2006.01)                      (87) WO2016/091996                      (31) PCT/ (32) 15.04.15 (33) EP                      EP2015/058202                      PCT/ 11.12.14 EP                      EP2014/077469                      (43) 16.06.2016                      (72) Dingemans, Jasper; Hoch, Matthias; Krause, Andreas                      (74) AJ Park IP Pty Ltd</p>	<p>(87) WO2016/091168                      (31) 201410749394.0 (32) 09.12.14 (33) CN                      (43) 16.06.2016                      (72) Wang, Xunqiang; Miao, Yadong; Zhou, Min; Wang, Shanchun; Yang, Ling; Shi, Wei                      (74) Acacia Law</p>
<p>(71) Actelion Pharmaceuticals Ltd                      (11) AU-A-2015359306                      (21) 2015359306 (22) 10.12.2015                      (54) Pharmaceutical combination comprising a selective S1P1 receptor agonist                      (51) Int. Cl.                      A61K 31/22 (2006.01)                      A61K 31/225 (2006.01)                      A61K 31/4015 (2006.01)                      A61K 31/426 (2006.01)                      A61P 1/00 (2006.01)                      A61P 1/04 (2006.01)                      A61P 3/10 (2006.01)                      A61P 11/02 (2006.01)                      A61P 11/06 (2006.01)                      A61P 13/12 (2006.01)                      A61P 17/00 (2006.01)                      A61P 17/06 (2006.01)                      A61P 19/02 (2006.01)                      A61P 25/00 (2006.01)                      A61P 27/02 (2006.01)                      A61P 35/00 (2006.01)                      A61P 35/04 (2006.01)                      A61P 37/06 (2006.01)                      (87) WO2016/092042                      (31) PCT/ (32) 11.12.14 (33) EP                      EP2014/077469                      (43) 16.06.2016                      (72) Clozel, Martine; Piali, Luca                      (74) AJ Park IP Pty Ltd</p>	<p>(71) Active Agriscience Inc.                      (11) AU-A-2015358257                      (21) 2015358257 (22) 04.12.2015                      (54) Compositions and methods for reducing nitrogen volatilization of urea fertilizers                      (51) Int. Cl.                      C05F 3/00 (2006.01)                      C05F 5/00 (2006.01)                      C05F 9/00 (2006.01)                      C09K 15/32 (2006.01)                      (87) WO2016/086311                      (31) 62/087,618 (32) 04.12.14 (33) US                      (43) 09.06.2016                      (72) Waliwitiya, Ranil                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Agan Aroma &amp; Fine Chemicals Ltd.                      (11) AU-A-2015365323                      (21) 2015365323 (22) 17.12.2015                      (54) System and method for releasing flavor                      (51) Int. Cl.                      B05B 12/00 (2006.01)                      (87) WO2016/098114                      (31) 62/092,875 (32) 17.12.14 (33) US                      (43) 23.06.2016                      (72) Avidor, Yoav                      (74) Baldwins Intellectual Property</p>
<p>(71) Actelion Pharmaceuticals Ltd                      (11) AU-A-2015359346                      (21) 2015359346 (22) 10.12.2015                      (54) Dosing regimen for a selective S1P                      (51) Int. Cl.                      A61K 31/426 (2006.01)                      A61P 1/00 (2006.01)                      A61P 1/04 (2006.01)                      A61P 3/10 (2006.01)                      A61P 11/02 (2006.01)                      A61P 11/06 (2006.01)                      A61P 13/12 (2006.01)</p>	<p>(71) ADAMA Makhteshim Ltd.                      (11) AU-A-2015369906                      (21) 2015369906 (22) 18.12.2015                      (54) 5-fluoro-4-imino-3-(alkyl/substituted alkyl)-1-(arylsulfonyl)-3,4-dihydropyrimidin-2(1h)-one as a seed treatment                      (51) Int. Cl.                      C07D 239/47 (2006.01)                      (87) WO2016/106138                      (31) 62/096,301 (32) 23.12.14 (33) US                      (43) 30.06.2016                      (72) Klittich, Carla J.R.; Yao, Chenglin; Owen, W. John                      (74) Spruson &amp; Ferguson</p>	<p>(71) Agan Aroma &amp; Fine Chemicals Ltd.                      (11) AU-A-2015365324                      (21) 2015365324 (22) 17.12.2015                      (54) System and method for releasing edible material                      (51) Int. Cl.                      B05B 12/00 (2006.01)                      A61L 9/00 (2006.01)                      (87) WO2016/098115                      (31) 62/092,875 (32) 17.12.14 (33) US                      (43) 23.06.2016                      (72) Avidor, Yoav                      (74) Baldwins Intellectual Property</p>
<p>(71) Actelion Pharmaceuticals Ltd                      (11) AU-A-2015360095                      (21) 2015360095 (22) 09.12.2015                      (54) Quinoline derivative against non-small cell lung cancer                      (51) Int. Cl.                      C07D 401/12 (2006.01)                      A61K 31/4709 (2006.01)                      A61P 35/00 (2006.01)</p>	<p>(71) Advenchen Laboratories Nanjing Ltd;                      Chia Tai Tianqing Pharmaceutical Group Co., Ltd.                      (11) AU-A-2015360095                      (21) 2015360095 (22) 09.12.2015                      (54) Quinoline derivative against non-small cell lung cancer                      (51) Int. Cl.                      C07D 401/12 (2006.01)                      A61K 31/4709 (2006.01)                      A61P 35/00 (2006.01)</p>	<p>(71) Agency for Science, Technology and Research                      (11) AU-A-2016205518                      (21) 2016205518 (22) 04.01.2016                      (54) Anti-PD-L1 antibodies                      (51) Int. Cl.                      C07K 16/28 (2006.01)                      A61K 39/395 (2006.01)                      A61P 37/02 (2006.01)                      (87) WO2016/111645                      (31) 1500319.7 (32) 09.01.15 (33) GB                      (43) 14.07.2016                      (72) Wang, Cheng-I; Oh, Hsueh Ling Janice; Yeo, Siok Ping                      (74) FB Rice Pty Ltd</p>
<p>(71) Agency for Science, Technology and Research                      (11) AU-A-2016209694                      (21) 2016209694 (22) 21.01.2016                      (54) Column-based device and method for retrieval of rare cells based on size, and uses thereof                      (51) Int. Cl.                      G01N 33/50 (2006.01)                      B01D 39/00 (2006.01)</p>	<p>(71) Agency for Science, Technology and Research                      (11) AU-A-2016209694                      (21) 2016209694 (22) 21.01.2016                      (54) Column-based device and method for retrieval of rare cells based on size, and uses thereof                      (51) Int. Cl.                      G01N 33/50 (2006.01)                      B01D 39/00 (2006.01)</p>	<p>(71) Agency for Science, Technology and Research                      (11) AU-A-2016209694                      (21) 2016209694 (22) 21.01.2016                      (54) Column-based device and method for retrieval of rare cells based on size, and uses thereof                      (51) Int. Cl.                      G01N 33/50 (2006.01)                      B01D 39/00 (2006.01)</p>

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**(54)** Pizza container  
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**B65D 5/42** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(74)** Madderns Patent & Trade Mark Attorneys
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**(74)** Baxter Patent Attorneys Pty Ltd
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 (51) Int. Cl.  
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*G01B 11/16* (2006.01)  
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*A61P 25/08* (2006.01)  
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**F24D 3/14** ( 2006.01 )  
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**G06Q 10/06** ( 2012.01 )  
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**C01G 23/053** ( 2006.01 )  
**C22B 3/08** ( 2006.01 )  
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**H04N 21/234** ( 2011.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(51)** Int. Cl.  
**H04L 12/24** ( 2006.01 )  
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**(74)** Madderns Patent & Trade Mark Attorneys
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**A61K 31/519** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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**A61P 3/06** ( 2006.01 )  
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 A23L 11/00 ( 2016.01 )  
 A23L 13/50 ( 2016.01 )  
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<b>(72)</b> Jensen, Arne Flemming	<b>(51)</b> Int. Cl.	<b>(74)</b> Madderns Patent & Trade Mark Attorneys
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<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.
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2015358538	Revair, LLC; Thomason, S.; Cooper, F.; Isaacson, D.	2015369596	Nitto Denko Corporation
2015358849	Vakil, P.; Choksi, S.	2015369598	Nitto Denko Corporation
2015359075	Genius Velo Limited	2015369734	Raytheon Company
2015359105	Ottaway, R.; Knight, G.G.	2015369903	Cerecor, Inc.; Merck Sharp & Dohme Corp.
2015359137	Khan, J.	2015369906	ADAMA Makhteshim Ltd.
2015359286	ETH Zürich	2015370067	United States Gypsum Company
2015359306	Actelion Pharmaceuticals Ltd	2015370428	National Research Council of Canada; Bank of Canada
2015359346	Actelion Pharmaceuticals Ltd	2015370481	Neustifter, M.
2015359370	Thales	2015370591	DEQ Systems Corporation
2015359376	Sanofi-Aventis Deutschland GmbH	2015370758	SEB SA
2015359382	Biosearch, S.A.	2015370986	Consiglio Nazionale Delle Ricerche; Istituto Nazionale Assicurazione Contro Gli Infortuni Sul Lavoro
2015359590	Innovations4Flooring Holding N.V.	2015371074	Mitsui Agriscience International S.A./N.V.; Battelle UK Limited
2015360005	Merck Patent GmbH	2015371229	Dow Global Technologies LLC
2015360006	Merck Patent GmbH	2015371230	Dow Global Technologies LLC
2015360095	Advenchen Laboratories Nanjing Ltd; Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2015371231	Dow Global Technologies LLC
2015360243	Kasowski, R.	2015371232	Dow Global Technologies LLC
2015360265	LightLab Imaging, Inc.; Gopinath, A.; Adler, D.	2015371495	Refratechnik Holding GmbH
2015360671	Serio-Us Industries, Inc.	2015371612	Refratechnik Holding GmbH
2015360673	Serio-Us Industries, Inc.	2015371749	Carlsberg Breweries A/S
2015360692	Flexicare, Inc.	2015371849	Huawei Technologies Co., Ltd.
2015361131	DotAlign, Inc.	2015372690	OncoArendi Therapeutics S.A.
2015361139	Biomet 3I, LLC	2015372818	Hanmi Pharm. Co., Ltd.
2015361915	J & A Industrial (Suzhou) Co., Ltd	2015373094	Hacki, S.
2015361959	Institute of Acoustics, Chinese Academy of Sciences; Shanghai 3NTV Network Technology Co. Ltd.; Beijing Hili Technology Co. Ltd	2015373281	Xeros Limited
2015361998	Q2Power AG	2015373457	Faes Farma, S.A.
2015362045	Seth, R.	2015373910	Dyax Corp.
2015362066	University of South Australia	2015373937	Trividia Health, Inc.
2015362070	Merctech Pty Ltd	2015373945	ExxonMobil Upstream Research Company
2015362071	Favero, A.; Rabanin, R.	2015373950	ExxonMobil Upstream Research Company
		2015374078	Symantec Corporation
		2015374170	Forma Therapeutics, Inc.
		2015374180	Westinghouse Air Brake Technologies Corporation
		2015374198	The Brigham and Women's Hospital, Inc.

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2015374264	Orasis Medical, Inc.	2016206155	Shanghai Biomabs Pharmaceuticals Co., Ltd
2015374309	X-Chem, Inc.	2016206182	Trican Well Service Ltd.
2015374373	Facebook, Inc.	2016206434	Iluka Resources Limited
2015374472	Motorola Solutions, Inc.	2016206535	Valent BioSciences LLC
2015375081	Diao, J.	2016206537	Valent BioSciences LLC
2015375404	Paypal, Inc.	2016206589	The General Hospital Corporation; United States Department of Health and Human Services
2015375530	Razer (Asia-Pacific) Pte. Ltd.	2016206868	Juno Therapeutics, Inc.
2015375706	Nagaoka University Of Technology	2016206882	Eutropics Pharmaceuticals, Inc.
2015375779	Meidensha Corporation	2016206934	Mastercard International Incorporated
2015376077	Lee Pharma Limited	2016206950	Enteris Biopharma, Inc.
2015376103	Alihodzic, N.; Beqiri, E.	2016206974	Instrumentation Laboratory Company
2015376127	Norgren Limited	2016207002	Meano, B.
2015376561	Frontier Bio-Drug Development Limited	2016207019	Mantrose-Haeuser Co., Inc.
2015376851	Minomic International Ltd.	2016207023	10X Genomics, Inc.
2015376928	Ecolab Inc.	2016207046	Vivus, Inc.
2015377239	Husqvarna AB	2016207095	Plinthit ApS
2015377303	Mauri Technology B.V.	2016207124	Bio Agens Research And Development - Bard S.r.o.
2015377906	Anaconda Biomed, S.L.	2016207221	Telefonaktiebolaget LM Ericsson (publ)
2015377931	OMICRON Electronics GmbH	2016207228	Mastercard Asia/Pacific Pte Ltd
2015377939	Siemens Aktiengesellschaft	2016207311	LG Electronics Inc.
2015378107	T&W Engineering A/S	2016207512	Nisshin Steel Co., Ltd.
2015378722	Statoil Petroleum AS	2016207775	Selle Royal S.p.A.
2015378966	Sumitomo Electric Industries, Ltd.	2016207776	Trudell Medical International
2015379251	Perrigo API Ltd	2016207867	BAE Systems Plc
2015379571	Superoperator Oy	2016208065	BASF SE
2015379572	Apple Inc.	2016208094	BASF SE
2015379642	UCB Biopharma SPRL; Biogen MA Inc.	2016208528	GlaxoSmithKline Intellectual Property Development Limited; University of Dundee
2015380194	Telefonaktiebolaget LM Ericsson (publ)	2016208600	Kennwert RD GmbH
2015380247	Changxing Potek Electronics Technology Co., Ltd.	2016208602	Kennwert RD GmbH
2015380736	SCA Hygiene Products AB	2016208609	Alexakis, A.
2015381703	Majeed, M.; Nagabhusanam, K.	2016208737	Spinner GmbH
2015381790	Colgate-Palmolive Company	2016208744	Vetco Gray Scandinavia AS
2015381791	Colgate-Palmolive Company	2016208768	Hugo Vogelsang Maschinenbau GmbH
2015382060	Samsung Electronics Co., Ltd.	2016209268	The Board of Trustees of the Leland Stanford Junior University
2015382334	Omega Ophthalmics LLC	2016209460	BioProcess Algae
2015382335	Qualcomm Incorporated	2016209615	Dolby Laboratories Licensing Corporation
2015382417	Halliburton Energy Services, Inc.	2016209694	Agency for Science, Technology and Research
2015383164	Halliburton Energy Services, Inc.	2016209851	LG Electronics Inc.
2015383632	ARSANIS Biosciences GmbH	2016210113	The Yokohama Rubber Co., Ltd.
2015383866	Exxonmobil Upstream Research Company	2016210328	Satake, S.
2015384095	SELFRAG AG	2016210551	Helix Biopharma Corporation
2015385798	Halliburton Energy Services, Inc.	2016210860	Calzoni S.r.l.
2015385859	Halliburton Energy Services, Inc.	2016210974	Calgary Scientific Inc.
2015390014	Halliburton Energy Services, Inc.	2016211061	Oxford University Innovation Limited; Universidade Estadual Paulista "Julio de Mesquita Filho" - UNESP
2015391963	Britz, H.	2016211124	Evolva SA
2016204835	Rite Way Mfg. Co. Ltd.	2016211254	Inscape Data, Inc.
2016205029	Calgon Carbon Corporation	2016211368	Dropbox, Inc.
2016205090	Aviva Biosciences Corporation	2016211428	CiDRA Corporate Services Inc.
2016205197	Biogen MA Inc.	2016211455	Corex, LLC
2016205275	Bayer HealthCare LLC	2016211457	Allergan, Inc.
2016205290	Treace Medical Concepts, Inc.	2016211474	Bestline International Research, Inc.; Sloan, R.
2016205419	iDevices, LLC	2016211783	Regeneron Pharmaceuticals, Inc.
2016205433	e-Vision Smart Optics, Inc.	2016211860	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2016205495	Cardionomic, Inc.	2016211912	The Lubrizol Corporation
2016205518	Agency for Science, Technology and Research	2016211981	Ventana Medical Systems, Inc.; F. Hoffmann-La Roche AG
2016205677	Kyowa Hakko Kirin Co., Ltd.	2016212042	British American Tobacco (Investments) Limited
2016205680	Ono Pharmaceutical Co., Ltd.	2016212087	Pieris Pharmaceuticals GmbH
2016205812	Green Ride Ltd.	2016212116	Janssen Pharmaceutica NV
2016205850	Burton, D.	2016212348	Casale SA
2016205934	BAE Systems Plc	2016212526	JN Therapeutics
2016205963	S.A. Lhoist Recherche et Developpement	2016212625	Shanton Pharma Co., Ltd.
2016205965	S.A. Lhoist Recherche et Developpement	2016213009	Terumo Kabushiki Kaisha
2016205967	Genmab A/S	2016213259	Eagle Industry Co., Ltd.
2016205975	Wageningen Universiteit	2016214072	Rapid Medical Ltd.
2016205995	Euro-Celtique S.A.	2016214102	Pfizer Inc.
2016206015	DSM IP Assets B.V.	2016214437	VITO NV
2016206036	Thales; Centre National de la Recherche Scientifique; Universite Nice Sophia-Antipolis	2016215190	CiDRA Corporate Services Inc.
2016206073	Nbread-Process		
2016206083	DuPont Nutrition Biosciences ApS		
2016206154	Tianjin Hongri Jian Da Kang Medical Technology Co., Ltd		

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2016215482	McBride, K.	2016280252	Dallan S.p.A.
2016215505	ALS Therapy Development Institute	2016296619	Travel Caddy, Inc., d/b/a Travelon
2016215570	Laitram, L.L.C.	2016300875	CRRC Qiqihar Rolling Stock Co., Ltd.
2016215578	Think Surgical, Inc.	2016341523	Chemson Polymer-Additive AG
2016215586	Siemens Healthcare Diagnostics Inc.	2016358297	Sami Labs Limited
2016215606	Cardiac Pacemakers, Inc.	2016365191	Gmax Biopharm LLC.
2016215659	Colgate-Palmolive Company	2016370324	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016215745	Cardiac Pacemakers, Inc.	2016373606	Brevetti Angela S.R.L.
2016216259	Samsung Electronics Co., Ltd.	2017203522	REBIScan, Inc.
2016216748	Samsung Electronics Co., Ltd.		
2016216774	Samsung Electronics Co., Ltd.		
2016217116	Kaneka Corporation		
2016218073	Syngenta Participations AG		
2016218284	Zest IP Holdings, LLC		
2016218285	Macroplata, Inc.		
2016218341	Qualcomm Incorporated		
2016218353	Qualcomm Incorporated		
2016218355	Qualcomm Incorporated		
2016218367	Microsoft Technology Licensing, LLC		
2016218383	Hunter, D.		
2016219214	Wise, M.; Ferguson, M.		
2016219221	Wise, M.; Ferguson, M.		
2016219228	Qualcomm Incorporated		
2016219264	Visa International Service Association		
2016219368	Valspar Sourcing, Inc.		
2016219369	Qualcomm Incorporated		
2016219428	Qualcomm Incorporated		
2016219441	Qualcomm Incorporated		
2016219995	Visa International Service Association		
2016220297	Verily Life Sciences LLC		
2016220438	Novartis AG		
2016220490	Qualcomm Incorporated		
2016220515	Exxonmobil Upstream Research Company		
2016220526	Qualcomm Incorporated		
2016221780	Ventana Medical Systems, Inc.		
2016222039	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG		
2016222548	Ionis Pharmaceuticals, Inc.		
2016222773	Siemens Industry, Inc.		
2016223160	Qualcomm Incorporated		
2016223241	Microsoft Technology Licensing, LLC		
2016223288	Convexity Scientific LLC		
2016223359	Metalogenia Research & Technologies S.L		
2016223419	Bracco Imaging SpA		
2016223502	P.B. Clermont		
2016223503	P.B. Clermont		
2016224760	Nippon Kayaku Kabushiki Kaisha		
2016225190	UCL Business plc		
2016225212	De La Rue International Limited		
2016225722	JFE Steel Corporation		
2016226065	Novartis AG		
2016226319	Visa International Service Association		
2016226485	Auriga Polymers, Inc.		
2016227595	Nestec S.A.		
2016227596	Nestec S.A.		
2016227597	Nestec S.A.		
2016227600	Nestec S.A.		
2016227767	Nestec S.A.		
2016228610	Phoenix Mecano Digital Elektronik GmbH		
2016229066	Vision Ease, LP		
2016231296	Eternit GmbH		
2016232452	Eternit GmbH		
2016235822	Boston Scientific Scimed, Inc.		
2016236054	ExxonMobil Upstream Research Company		
2016236055	Exxonmobil Upstream Research Company		
2016236364	Nestec S.A.		
2016236402	F. Hoffmann-La Roche AG		
2016237482	Sekisui Chemical Co., Ltd.		
2016239662	Boehringer Ingelheim International GmbH		
2016256649	Herb UK Limited		
2016272252	Symex Corporation		
2016277686	Biguang, L.		

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2016204835	2016218073	2016227767	2015365471	2016210328	2015359376
<b><u>A01D 34 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61J 1 /-</u></b>	2015369581
2015377239	2016217116	2015364693	2015380736	2016205275	2015369596
<b><u>A01G 25 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47K 5 /-</u></b>	<b><u>A61K 101 /-</u></b>	2015372818
2014415755	2015367695	2016206073	2015380736	2015357085	2015381703
<b><u>A01N 25 /-</u></b>	<b><u>A01P 7 /-</u></b>	2016227595	<b><u>A47L 9 /-</u></b>	<b><u>A61K 31 /-</u></b>	2016206950
2015371074	2015367695	2016227596	2015368014	2015357496	2016212087
2016217116	2016206535	2016227597	2015382060	2015357498	
<b><u>A01N 33 /-</u></b>	<b><u>A21D 13 /-</u></b>	2016227600	2016207311	2015359306	
2016208065	2016206073	2016227767	2016209851	2015359346	
<b><u>A01N 37 /-</u></b>	<b><u>A21D 15 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A61B 1 /-</u></b>	2015360005	
2015367695	2016207019	2016206073	2016218285	2015360006	
2016208065	<b><u>A21D 8 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A61B 10 /-</u></b>	2015360095	
<b><u>A01N 39 /-</u></b>	<b><u>A21D 11 /-</u></b>	<b><u>A23N 15 /-</u></b>	2016221780	2015362422	
2016208065	2016207019	2015358288	<b><u>A61B 17 /-</u></b>	2015364640	
<b><u>A01N 41 /-</u></b>	<b><u>A22C 11 /-</u></b>	<b><u>A23P 30 /-</u></b>	2015377906	2015364677	
2016208065	2015362070	2016236364	2016205290	2015366636	
2016217116	<b><u>A22C 13 /-</u></b>	<b><u>A24F 47 /-</u></b>	2016211455	2015368496	
<b><u>A01N 43 /-</u></b>	2016212042	2016214072	2016218285	2015369552	
2015367695	<b><u>A44B 19 /-</u></b>	2016235822	2016235822	2015369581	
2016208065	<b><u>A23D 9 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61B 34 /-</u></b>	2015369595	
2016208094	2015362070	2016296619	2017203522	2015369596	
2016218073	<b><u>A23J 3 /-</u></b>	<b><u>A45B 23 /-</u></b>	<b><u>A61B 34 /-</u></b>	2015369598	
<b><u>A01N 47 /-</u></b>	2016207095	2015358538	2015361139	2015372690	
2015367695	<b><u>A45D 19 /-</u></b>	<b><u>A45D 2 /-</u></b>	2016215578	2015373457	
2015371074	2016206073	2015358538	<b><u>A61B 5 /-</u></b>	2015374170	
<b><u>A01N 53 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A45D 20 /-</u></b>	2016222548	2015374264	
2015367695	2016206073	2015358538	2016224760	2016205680	
<b><u>A01N 57 /-</u></b>	<b><u>A23L 13 /-</u></b>	<b><u>A61C 1 /-</u></b>	2016225190	2016206154	
2016208065	2016206073	2015361139	2016225190	2016206589	
<b><u>A01N 59 /-</u></b>	<b><u>A23L 15 /-</u></b>	<b><u>A61C 19 /-</u></b>	2016227595	2016208528	
2015367695	2016206073	2016210328	2016227596	2016209268	
2015371074	<b><u>A23L 17 /-</u></b>	<b><u>A46B 11 /-</u></b>	2016227597	2016215505	
<b><u>A01N 63 /-</u></b>	2016206073	2015381790	2016227600	2016365191	
2016206535	<b><u>A23L 19 /-</u></b>	<b><u>A46B 15 /-</u></b>	2016220297		
2016206537	2016206073	2015381790	<b><u>A61C 19 /-</u></b>		
<b><u>A01P 13 /-</u></b>	<b><u>A23L 2 /-</u></b>	2015381791	2015361139		
2015371074	2015366142	2016226065	<b><u>A61C 19 /-</u></b>		
2016208065	<b><u>A47G 33 /-</u></b>	2016226065	2016210328		
2016218073		2016226065	<b><u>A61F 2 /-</u></b>		
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			2015374198		
			2016205975		
			2016207124		
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			2015362422		
			2015364640		
			2015364677		
			2015366636		
			2015368496		
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			2015372690		
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			2015374170		
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			2016225190		
			2016227595		
			2016227596		
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			2016227600		
			2016227767		
			2016236402		
			<b><u>A61K 33 /-</u></b>		
			2016205680		
			<b><u>A61K 35 /-</u></b>		
			2015364383		
			2015374198		
			2016205975		
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			2016208609		
			2016220438		



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2016211457	2015357496 2015359306 2015359346		2016207023	2016231296	2016225212
<b><u>A61L 9 /-</u></b>	2015364640 2015369552	<b><u>A61P 43 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>B28B 19 /-</u></b>	<b><u>B42D 25 /-</u></b>
2015365324	2016205680 2016206589 2016212526 2016236402	2015362422 2015368496 2016205680	2016205029	2016208600	2015370428 2016225212
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2016207776 2016223288		<b><u>A61P 7 /-</u></b>	2016219368	2016208600	2015364899
<b><u>A61M 15 /-</u></b>	<b><u>A61P 27 /-</u></b>	2015362422 2015373910	<b><u>B01L 3 /-</u></b>	<b><u>B28B 7 /-</u></b>	<b><u>B60C 11 /-</u></b>
2016223288	2015359306 2015359346		2016206974 2016221780	2016208600	2016210113
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2015360692 2016207776	2015369552 2015373457 2016212625	2016205680 2016207046 2016212526 2016365191	2015384095	2016215570 2016215659	2015355064
<b><u>A61M 5 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>A61Q 11 /-</u></b>	<b><u>B02C 2 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B60P 1 /-</u></b>
2015378107 2016205275 2016213009 2016373606	2015359306 2015359346 2015359376	2015381791	2015366134	2016373606	2015362073
<b><u>A61N 1 /-</u></b>	2015369552 2015372818	<b><u>A61Q 19 /-</u></b>	<b><u>B02C 23 /-</u></b>	<b><u>B29C 67 /-</u></b>	<b><u>B60Q 1 /-</u></b>
2016205495 2016215606 2016215745	2015376077 2016222548 2016227767	2015368402	2015384095	2015359286	2016205812
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2015359306 2015359346 2016205680	2015369552	2016256649	2016211428 2016215190	2016205433	2015359105
<b><u>A61P 11 /-</u></b>	<b><u>A61P 33 /-</u></b>	<b><u>A61Q 7 /-</u></b>	<b><u>B04C 5 /-</u></b>	<b><u>B29D 11 /-</u></b>	<b><u>B60S 3 /-</u></b>
2015359306 2015359346 2016205680	2016208094 2016208528	2015373094	2014415540	2016205433	2015379571
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2015359306 2015359346 2015369552 2015373457 2016212526	2015357085 2015358462 2015359306 2015359346 2015360005 2015360006 2015360095 2015364640 2015366636 2015368496 2015369552	2016215482 2016215482	2016223288	2016215570	2015376127
<b><u>A61P 17 /-</u></b>	2015372690 2016205677 2016205680 2016205967 2016206154 2016206155	<b><u>A63B 26 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B29K 69 /-</u></b>	<b><u>B61G 5 /-</u></b>
2015359306 2015359346 2015368402 2015369552 2015373094	2016209268 2016210551 2016212526 2016224760 2016365191	2015367277	2016205433	2016205433	2016300875
<b><u>A61P 19 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>A63B 5 /-</u></b>	<b><u>B32B 17 /-</u></b>	<b><u>B32B 17 /-</u></b>	<b><u>B61H 15 /-</u></b>
2015359306 2015359346 2015369552 2016205680 2016212625	2015367277 2015367277 2015367277 2015367277 2015367277	2015367277	2016229066	2016229066	2015374180
<b><u>A61P 21 /-</u></b>		<b><u>A63F 13 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B62D 33 /-</u></b>
2016205680		2015362045	2015361915	2015361915	2015362073
		<b><u>B01D 39 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B62J 1 /-</u></b>
		2016209694	2015361915	2015361915	2016207775
		<b><u>B01D 53 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B63B 21 /-</u></b>
		2015376127 2016220515	2015359286 2016341523	2015359286 2016341523	2015358314
		<b><u>B01D 61 /-</u></b>	<b><u>B33Y 70 /-</u></b>	<b><u>B33Y 70 /-</u></b>	<b><u>B63B 22 /-</u></b>
		2016207002	2016341523	2016341523	2015383866
		<b><u>B01F 15 /-</u></b>	<b><u>B33Y 80 /-</u></b>	<b><u>B41M 5 /-</u></b>	<b><u>B63B 35 /-</u></b>
		2016206182	2016341523	2016232452	2015367902
		<b><u>B01F 3 /-</u></b>	<b><u>B27K 3 /-</u></b>		<b><u>B63B 9 /-</u></b>
		2015366142	2015371229 2015371230 2015371231 2015371232		2015367902 2016205934

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<b><u>B63C 7 /-</u></b>	<b><u>C01G 23 /-</u></b>		2016236402	<b><u>C07K 19 /-</u></b>	<b><u>C09J 131 /-</u></b>
2015383866	2016206434	<b><u>C07C 35 /-</u></b>		2016210551	2015370067
		2016227767	<b><u>C07D 471 /-</u></b>	2016225190	
<b><u>B63G 7 /-</u></b>	<b><u>C02F 1 /-</u></b>		2015357498		
2016210860	2016207002	<b><u>C07D 211 /-</u></b>	2015362422	<b><u>C07K 7 /-</u></b>	<b><u>C09K 15 /-</u></b>
		2015372690	2015373457	2015376851	2015358257
<b><u>B63J 1 /-</u></b>	<b><u>C02F 103 /-</u></b>		2016205680		
2016207002	2016207002	<b><u>C07D 213 /-</u></b>	2016208094	<b><u>C08F 14 /-</u></b>	<b><u>C09K 8 /-</u></b>
		2016205680	2016212526	2016341523	2015383164
<b><u>B63J 99 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07D 215 /-</u></b>	2016214102		2015385859
2016205934	2015365575	2016218073		<b><u>C08G 18 /-</u></b>	2016206182
			<b><u>C07D 473 /-</u></b>	2016219368	<b><u>C10B 57 /-</u></b>
<b><u>B65D 41 /-</u></b>	<b><u>C04B 26 /-</u></b>	<b><u>C07D 231 /-</u></b>			2015355919
2015366142	2015356990	2016205680	<b><u>C07D 487 /-</u></b>	<b><u>C08G 59 /-</u></b>	2016225722
	2015370067		2015357085	2016219368	
<b><u>B65D 5 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C07D 239 /-</u></b>	2015357496		<b><u>C10L 3 /-</u></b>
2015376103	2015371495	2015369906	2015366636	<b><u>C08G 63 /-</u></b>	2016220515
2016223288	2015371612		2015374170	2016226485	
		<b><u>C07D 251 /-</u></b>	2015376077		<b><u>C10M 161 /-</u></b>
<b><u>B65D 51 /-</u></b>	<b><u>C04B 41 /-</u></b>	2016206589	2016205995	<b><u>C08G 65 /-</u></b>	2016211474
2015366142			2016208528		
	2016231296	<b><u>C07D 259 /-</u></b>	<b><u>C07D 491 /-</u></b>	2016224760	<b><u>C11D 1 /-</u></b>
<b><u>B65F 1 /-</u></b>	2016232452	2015369552	2016208094	<b><u>C08G 81 /-</u></b>	2015365575
2015360671			2016223419	2016224760	2015369581
2015360673	<b><u>C05F 11 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07D 495 /-</u></b>		2015376928
	2016217116	2016205680	2016208094	<b><u>C08H 8 /-</u></b>	2016211912
<b><u>B65G 15 /-</u></b>	<b><u>C05F 3 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C07D 498 /-</u></b>	2015371229	<b><u>C11D 11 /-</u></b>
2016215570	2015358257	2016205680	2016205680	2015371231	2016211912
			2016208094	2015371232	
<b><u>B65G 17 /-</u></b>	<b><u>C05F 5 /-</u></b>	<b><u>C07D 339 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C11D 3 /-</u></b>
2016215570	2015358257	2016206589		2015371231	2015376928
			<b><u>C07F 5 /-</u></b>	2015371232	2016211912
<b><u>B65G 57 /-</u></b>	<b><u>C05F 9 /-</u></b>	<b><u>C07D 401 /-</u></b>	2015372690		
2016207512	2015358257	2015360095	<b><u>C07H 21 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C11D 7 /-</u></b>
		2015369903		2015360243	2016211912
<b><u>B66B 9 /-</u></b>	<b><u>C05G 3 /-</u></b>	2015373457	2015374309	2015371230	
2016222039	2016217116	2016218073	<b><u>C07K 14 /-</u></b>	2015371231	<b><u>C12C 11 /-</u></b>
		2016223419		2015371232	2015371749
<b><u>B66C 21 /-</u></b>	<b><u>C06B 23 /-</u></b>	<b><u>C07D 403 /-</u></b>	2015366305	2016341523	
2016222039	2016223502	2016223419	2015372818	<b><u>C08L 1 /-</u></b>	<b><u>C12M 1 /-</u></b>
	2016223503		2015376851	2015371232	2016205090
<b><u>B82B 1 /-</u></b>		<b><u>C07D 405 /-</u></b>	2016211860		2016208768
2015370428	<b><u>C06B 25 /-</u></b>	2016205680	2016212087	<b><u>C08L 27 /-</u></b>	
	2016223502		<b><u>C07K 16 /-</u></b>	2016341523	<b><u>C12M 3 /-</u></b>
<b><u>B82Y 20 /-</u></b>	2016223503	<b><u>C07D 407 /-</u></b>	2015358462		2016208768
2015370428		2016205680	2015365583	<b><u>C08L 33 /-</u></b>	
	<b><u>C07B 59 /-</u></b>		2015373910	2015371231	<b><u>C12N 1 /-</u></b>
<b><u>C01B 3 /-</u></b>	2015357085	<b><u>C07D 409 /-</u></b>	2015376851		2015365575
2016212348		2016205680	2015379642	<b><u>C08L 63 /-</u></b>	2015370758
	<b><u>C07C 211 /-</u></b>		2015383632	2015371229	2015371749
<b><u>C01B 39 /-</u></b>	2015360243	<b><u>C07D 413 /-</u></b>	2016205197	2015371230	2016211124
2014413311		2016205680	2016205518		<b><u>C12N 15 /-</u></b>
	<b><u>C07C 235 /-</u></b>		2016205677	<b><u>C09D 7 /-</u></b>	
<b><u>C01C 1 /-</u></b>	2015364640	<b><u>C07D 417 /-</u></b>	2016205967	2016219368	2015364383
2016212348		2016205680	2016206155		2015368496
	<b><u>C07C 255 /-</u></b>		2016210551	<b><u>C09J 129 /-</u></b>	2015369598
	2016205680	2016205680	2016211783		2015371749
			2016215505	2015370067	2016205677
			2016365191		

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2016206155	<b><u>C22B 3 /-</u></b>		<b><u>F01D 15 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>G01F 23 /-</u></b>
2016206868		<b><u>E04F 15 /-</u></b>			
2016211860	2014413899		2015373945	2016213259	2016211428
2016222548	2016206434	2015359590			2016215190
2016225190			<b><u>F02B 39 /-</u></b>	<b><u>F16L 41 /-</u></b>	
2016365191	<b><u>C22B 34 /-</u></b>	<b><u>E04G 11 /-</u></b>			<b><u>G01F 5 /-</u></b>
			2014406103	2015362071	
<b><u>C12N 5 /-</u></b>	2016206434	2016208600			2016215190
			<b><u>F02C 3 /-</u></b>	<b><u>F21S 8 /-</u></b>	
2015366305	<b><u>C25C 1 /-</u></b>	<b><u>E04G 9 /-</u></b>			<b><u>G01G 19 /-</u></b>
2015374198			2015373950	2015380247	
2015376561	2014413899	2016208600		2016228610	2016208602
2016205677			<b><u>F02C 9 /-</u></b>	2016277686	
2016209694	<b><u>C25C 7 /-</u></b>	<b><u>E04H 12 /-</u></b>			<b><u>G01H 9 /-</u></b>
2016239662			2015373945	<b><u>F21V 15 /-</u></b>	
2016365191	2014413899	2016207095			2016206036
			<b><u>F03B 15 /-</u></b>	2016228610	
<b><u>C12N 7 /-</u></b>	<b><u>C25D 13 /-</u></b>	<b><u>E04H 17 /-</u></b>			<b><u>G01J 3 /-</u></b>
			2014415265	<b><u>F21V 29 /-</u></b>	
2015376561	2016219368	2015356977			2016214437
			<b><u>F03C 1 /-</u></b>	2016228610	
<b><u>C12N 9 /-</u></b>	<b><u>C30B 5 /-</u></b>	<b><u>E05B 15 /-</u></b>		<b><u>F21V 31 /-</u></b>	<b><u>G01J 9 /-</u></b>
			2015359075		2015367283
2015371749	2015370428	2015360671		2016228610	
2015373910		2015360673	<b><u>F03D 1 /-</u></b>		<b><u>G01M 3 /-</u></b>
2016210551	<b><u>D05C 17 /-</u></b>	<b><u>E05B 65 /-</u></b>		<b><u>F21W 131 /-</u></b>	
2016211124			2015375706		2016211428
	2016206015	2015360671	<b><u>F04B 1 /-</u></b>	2016228610	2016215190
<b><u>C12P 15 /-</u></b>	<b><u>D06M 13 /-</u></b>	2015360673			
			2015359075	<b><u>F24D 3 /-</u></b>	<b><u>G01M 5 /-</u></b>
2016211124	2015360243	<b><u>E21B 17 /-</u></b>			
<b><u>C12P 19 /-</u></b>	<b><u>D06M 15 /-</u></b>		<b><u>F04B 9 /-</u></b>	2015356990	2016207867
		2015362611			
2016211124	2015371232	2015378722	2015359075	<b><u>F24F 1 /-</u></b>	<b><u>G01N 1 /-</u></b>
<b><u>C12P 21 /-</u></b>	<b><u>D06N 7 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F04D 17 /-</u></b>	2015364799	2016221780
2016205677	2016206015	2015362611	2016236054	<b><u>F24F 11 /-</u></b>	<b><u>G01N 21 /-</u></b>
2016206083			2016236055		
	<b><u>D21H 17 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04D 27 /-</u></b>	2016222773	2016207867
<b><u>C12P 7 /-</u></b>				<b><u>F24F 3 /-</u></b>	<b><u>G01N 27 /-</u></b>
	2015371232	2015378722	2016236054		
2016209460		2015390014		2015364799	2016211061
	<b><u>D21J 3 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F04D 29 /-</u></b>		2016215586
<b><u>C12Q 1 /-</u></b>				<b><u>G01B 11 /-</u></b>	
	2015359137	2015362611	2016213259		<b><u>G01N 3 /-</u></b>
2015368496		2015378722	2016236054	2016207867	
2016206882	<b><u>D21J 7 /-</u></b>	2016206182	2016236055		2016207867
				<b><u>G01B 7 /-</u></b>	
<b><u>C12R 1 /-</u></b>	2015359137	<b><u>E21B 43 /-</u></b>	<b><u>F04D 31 /-</u></b>		<b><u>G01N 33 /-</u></b>
				2015362045	
2015359382	<b><u>E01F 9 /-</u></b>	2014415540	2016236054		2015373937
2015370758		2015383164		<b><u>G01B 9 /-</u></b>	2015376851
2016205975	2015204416	2015385859	<b><u>F16B 23 /-</u></b>	2015367283	2016209694
		2016206182			2016211061
<b><u>C21C 1 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E21B 47 /-</u></b>	2015356977	<b><u>G01C 21 /-</u></b>	2016212087
					2016225722
2016205965	2015367902	2015382417	<b><u>F16B 39 /-</u></b>	2016205934	2016272252
		2015385798			
<b><u>C21C 7 /-</u></b>	<b><u>E02F 9 /-</u></b>	2015390014	2015356977		<b><u>G01R 15 /-</u></b>
		2016208744		<b><u>G01D 3 /-</u></b>	
2016205963	2016223359		<b><u>F16B 41 /-</u></b>		2015377939
2016205965		<b><u>E21B 49 /-</u></b>		2015362045	
	<b><u>E03B 3 /-</u></b>		2015356977	<b><u>G01D 5 /-</u></b>	<b><u>G01R 31 /-</u></b>
<b><u>C22B 1 /-</u></b>		2015385798			
	2015358849		<b><u>F16B 7 /-</u></b>	2016206036	2015377931
2016205963		<b><u>E21B 7 /-</u></b>			
	<b><u>E03D 9 /-</u></b>		2015356977	<b><u>G01F 1 /-</u></b>	<b><u>G01S 5 /-</u></b>
<b><u>C22B 26 /-</u></b>		2015362611			
	2015391963		<b><u>F16D 65 /-</u></b>	2016211428	2016220490
2016205963		<b><u>E21F 13 /-</u></b>		2016215190	
	<b><u>E04C 1 /-</u></b>		2015374180		<b><u>G01V 1 /-</u></b>
		2016222039			2015358314
	2015356990				

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2015359370	<b><u>G06F 9 /-</u></b>	<b><u>G07F 7 /-</u></b>	<b><u>H02J 50 /-</u></b>	<b><u>H04L 7 /-</u></b>	<b><u>H04W 76 /-</u></b>
<b><u>G01V 3 /-</u></b>	2014415266 2016218367	2015357603	2015362164	2015369734	2015374472 2016223160
2015367215 2015382417 2015385798	<b><u>G06K 19 /-</u></b>	<b><u>G08B 17 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 8 /-</u></b>
	2016226319	2015362713	2015362164 2015362713	2016210974	2014415339
<b><u>G02B 1 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G08B 29 /-</u></b>	<b><u>H02K 19 /-</u></b>	<b><u>H04N 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
2015370428 2016229066	2015379571 2016211981	2015362713	2015375706	2016209615	2014414041 2015374472 2016218341 2016223160
<b><u>G02B 21 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G09B 21 /-</u></b>	<b><u>H02K 21 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2016211981	2016211368 2016218383	2015357603	2015375706	2015382335 2016219428 2016219441	
<b><u>G02B 26 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H01F 29 /-</u></b>	<b><u>H02P 13 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2015370428	2015370481 2015375404 2015379571	2015375081	2015377931	2015382335 2016211254 2016216259 2016219228 2016219369 2016219441	
<b><u>G05B 15 /-</u></b>	2016206934 2016207228 2016219995 2016226319	<b><u>H01H 1 /-</u></b>	<b><u>H02P 9 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2014415265	<b><u>G06Q 30 /-</u></b>	<b><u>H01H 33 /-</u></b>	2015373945	2016370324	
<b><u>G05B 19 /-</u></b>	2015379571	2015375779	<b><u>H03M 7 /-</u></b>	<b><u>H04N 9 /-</u></b>	
2014415265 2014415755 2016219214	<b><u>G06Q 40 /-</u></b>	<b><u>H01L 27 /-</u></b>	2016207221	2016209615 2016370324	
<b><u>G05B 23 /-</u></b>	2015379571	2016370324	<b><u>H04B 1 /-</u></b>	<b><u>H04Q 9 /-</u></b>	
2015373281	2015370481 2016206934 2016218383	<b><u>H01L 41 /-</u></b>	2016216748	2015369734	
<b><u>G05D 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2015359370	<b><u>H04B 10 /-</u></b>	<b><u>H04W 12 /-</u></b>	
2015382060 2016205934	2014413626 2014413663 2014415571 2014415653 2015374373 2015379571 2016205934 2016215578 2016216259	<b><u>H01L 51 /-</u></b>	2016215578	<b><u>H04W 16 /-</u></b>	
<b><u>G06F 12 /-</u></b>	<b><u>G06T 11 /-</u></b>	2016237482	<b><u>H04B 17 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2015371849	2016223241	<b><u>H01M 10 /-</u></b>	2016216748	2015380194 2016220526	
<b><u>G06F 17 /-</u></b>	<b><u>G06T 5 /-</u></b>	2016211455	<b><u>H04B 7 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2016211368 2016218367 2016219264 2016223241	2016209615	<b><u>H01M 12 /-</u></b>	2016207221	2014413974 2014414041 2015374472 2015379571 2016210974	
<b><u>G06F 21 /-</u></b>	<b><u>G06T 7 /-</u></b>	2015357831	<b><u>H04L 1 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2015357603 2015358292 2015361131 2015375404 2016219264 2016226319	2016211981	<b><u>H01M 2 /-</u></b>	2016223160	2016218353 2016218355 2016220526	
<b><u>G06F 3 /-</u></b>	<b><u>G07C 5 /-</u></b>	2016211455	<b><u>H04L 12 /-</u></b>	<b><u>H04W 64 /-</u></b>	
2015357603 2015362045 2015371849 2015375530 2016218367 2016223241	2016205934	<b><u>H01M 8 /-</u></b>	2014413626 2015358200 2015361959 2015373281 2016205419 2016210974	<b><u>H04W 72 /-</u></b>	
<b><u>G06F 7 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04L 25 /-</u></b>		
2016219221	2016209615	2015357831 2015358482 2015378966	2015369734		
	<b><u>G07F 17 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04L 27 /-</u></b>		
	2015370591	2015361998 2016208737 2016208744	2016216774		
		<b><u>H01R 24 /-</u></b>	<b><u>H04L 29 /-</u></b>		
		2015361998 2016208737	2015374078		
		<b><u>H01R 27 /-</u></b>	<b><u>H04L 5 /-</u></b>		
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**G02B 5/13** ( 2006.01 )  
**F21W 131/10** ( 2006.01 )  
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**A61K 8/60** ( 2006.01 )  
**A61K 8/97** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
**C11D 9/26** ( 2006.01 )  
**C11D 9/38** ( 2006.01 )  
**C11D 13/26** ( 2006.01 )  
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**A01B 1/06** ( 2006.01 )  
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**(51)** Int. Cl.  
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**C02F 1/52** ( 2006.01 )  
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**H04N 5/3745** ( 2011.01 )  
**H01L 31/00** ( 2006.01 )  
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**B07B 1/28** ( 2006.01 )  
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**B07B 1/46** ( 2006.01 )  
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**(51)** Int. Cl.  
**B07B 1/46** ( 2006.01 )  
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**B07B 1/48** ( 2006.01 )  
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**(54)** Polyurethane vibratory screen  
**(51)** Int. Cl.  
**B07B 1/46** ( 2006.01 )  
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**(51)** Int. Cl.

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**H02J 1/04** ( 2006.01 )  
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**(54)** Shifting roll awning with drive mechanism  
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**(54)** Composition for preventing or treating renal diseases, containing DPP-IV inhibitor  
**(51)** Int. Cl.  
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**A61K 31/495** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
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**C07C 233/66** ( 2006.01 )  
**C07C 251/40** ( 2006.01 )  
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**(54)** Fire Escape Chamber with Outer Cage and Inner Cage  
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**A62B 31/00** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
**E04H 1/12** ( 2006.01 )  
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**(51)** Int. Cl.  
**E21B 4/14** ( 2006.01 )  
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**(74)** Allens Patent & Trade Mark Attorneys
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**(54)** Cleaner head for a vacuum cleaner  
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**A47L 9/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C08B 37/00** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**C08L 5/00** ( 2006.01 )  
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**(74)** Houlihan<sup>2</sup> Pty Ltd
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**(54)** Heteroarylcarboxylic acid ester derivative  
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**C07D 333/40** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/397** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
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 (54) Automatically filling item information for selling  
 (51) Int. Cl.  
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(71) Ecolab USA Inc.  
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**B01D 21/01** ( 2006.01 )  
**B01D 37/03** ( 2006.01 )  
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 (51) Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
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**F04D 29/68** ( 2006.01 )  
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 (72) Kushner, Francis; Pettinato, Brian Christopher  
 (74) Madderns Patent & Trade Mark Attorneys

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 (72) ELPHINSTONE, Graeme J.  
 (74) Phillips Ormonde Fitzpatrick

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**C07D 498/22** ( 2006.01 )  
**A61K 31/535** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Serine glycerophospholipid preparation and method for treatment of seizures  
 (51) Int. Cl.  
**A61K 31/66** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) Ethicon, Inc.  
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(54) Randomly uniform three dimensional tissue scaffold of absorbable and non-absorbable materials  
 (51) Int. Cl.  
**A61L 27/16** ( 2006.01 )  
**A61L 27/18** ( 2006.01 )  
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 (74) Fisher Adams Kelly Callinans

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 (21) 2013295146 (22) 22.07.2013  
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 (51) Int. Cl.  
**C10L 1/12** ( 2006.01 )  
**F23L 7/00** ( 2006.01 )  
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 (31) BA2012A000049 (32) 24.07.12 (33) IT  
 (43) 30.01.2014  
 (44) 27.07.2017  
 (72) Malavasi, Massimo Pietro; Di Salvia, Grazia; Bassignano, Alvise Achille; Tedeschi, Giampietro  
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(71) ITI Scotland - Scottish Enterprise  
 (11) AU-B-2013350916  
 (21) 2013350916 (22) 29.11.2013  
 (54) Method and apparatus for reducing speckle noise in an optical system  
 (51) Int. Cl.  
**G02B 27/48** ( 2006.01 )  
**G01S 17/32** ( 2006.01 )  
 (87) WO2014/083349  
 (31) 1221677.6 (32) 30.11.12 (33) GB  
 (43) 05.06.2014  
 (44) 27.07.2017  
 (72) Weidmann, Damien; Macleod, Neil Angus  
 (74) FPA Patent Attorneys Pty Ltd

(71) Ivantis, Inc.  
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 (21) 2015215939 (22) 21.08.2015  
 (54) SINGLE OPERATOR DEVICE FOR DELIVERING AN OCULAR IMPLANT  
 (51) Int. Cl.  
**A61B 18/18** ( 2006.01 )

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 (44) 27.07.2017  
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 (72) WARDLE, John; SCHIEBER, Andrew T.  
 (74) Davies Collison Cave Pty Ltd

(71) Jaguar Land Rover Limited  
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 (21) 2015208379 (22) 13.01.2015  
 (54) Vehicle speed control system and method  
 (51) Int. Cl.  
**B60W 30/14** ( 2006.01 )  
**B60K 28/16** ( 2006.01 )  
**B60T 8/175** ( 2006.01 )  
**B60W 30/18** ( 2006.01 )  
 (87) WO2015/110309  
 (31) 1401183.7 (32) 24.01.14 (33) GB  
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 (44) 27.07.2017  
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 (74) Watermark Intellectual Property Pty Ltd

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 (21) 2013331496 (22) 15.10.2013  
 (54) Methylene linked quinolinyl modulators of ROR-gamma-t  
 (51) Int. Cl.  
**C07D 401/06** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
 (87) WO2014/062658  
 (31) 61/714,419 (32) 16.10.12 (33) US  
 61/725,528 13.11.12 US  
 61/782,257 14.03.13 US  
 (43) 24.04.2014  
 (44) 27.07.2017  
 (72) Leonard, Kristi A.; Barbay, Kent; Edwards, James P.; Kreutter, Kevin D.; Kummer, David A.; Maharoof, Umar; Nishimura, Rachel; Urbanski, Maud; Venkatesan, Hariharan; Wang, Aihua; Wolin, Ronald L.; Woods, Craig R.; Pierce, Joan; Goldberg, Steven; Fourie, Anne; Xue, Xiaohua  
 (74) Shelston IP Pty Ltd.

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 (21) 2014285178

(71) Jiuquan OK Seed Machinery Co., Ltd.  
 (11) AU-B-2015301386  
 (21) 2015301386 (22) 26.05.2015  
 (54) Real-time adjustment control system and control method for response parameters of castration operation of corn castration machine  
 (51) Int. Cl.  
**A01D 47/00** ( 2006.01 )  
**A01H 1/02** ( 2006.01 )

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**(31)** 201410511643.2 **(32)** 29.09.14 **(33)** CN  
**(43)** 14.04.2016  
**(44)** 27.07.2017  
**(72)** Jia, Shenghuo; Mao, Enrong; Jia, Jun;  
 Xue, Tao; Xie, Bin  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Johnson Matthey Process Technologies, Inc.  
**(11)** AU-B-2013222315  
**(21)** 2013222315 **(22)** 22.02.2013  
**(54)** Process of removing NOx from flue gas  
**(51)** Int. Cl.  
**B01D 53/86** ( 2006.01 )  
**B01J 23/10** ( 2006.01 )  
**B01J 23/22** ( 2006.01 )  
**B01J 23/30** ( 2006.01 )  
**B01J 23/42** ( 2006.01 )  
**B01J 23/72** ( 2006.01 )  
**B01J 23/745** ( 2006.01 )  
**C10G 11/18** ( 2006.01 )  
**(87)** WO2013/126670  
**(31)** 61/602,331 **(32)** 23.02.12 **(33)** US  
**(43)** 29.08.2013  
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**(72)** Evans, Martin; Fletcher, Raymond Paul;  
 Mo, Xunhua  
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**(11)** AU-B-2013243713  
**(21)** 2013243713 **(22)** 29.03.2013  
**(54)** Expanding centers for stackable structural reactors  
**(51)** Int. Cl.  
**F28F 13/00** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**(87)** WO2013/151889  
**(31)** 61/619,497 **(32)** 03.04.12 **(33)** US  
**(43)** 10.10.2013  
**(44)** 27.07.2017  
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**(11)** AU-B-2014303817  
**(21)** 2014303817 **(22)** 26.06.2014  
**(54)** Method for removing mercury in hydrocarbon oil  
**(51)** Int. Cl.  
**C10G 25/00** ( 2006.01 )  
**B01J 20/10** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
**(87)** WO2015/019738  
**(31)** 2013-163731 **(32)** 07.08.13 **(33)** JP  
**(43)** 12.02.2015  
**(44)** 27.07.2017  
**(72)** Minatoya, Masamichi  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2012351930

**(21)** 2012351930 **(22)** 14.12.2012  
**(54)** Sealing systems and methods employing a switchable drape  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**(87)** WO2013/090824  
**(31)** 61/576,786 **(32)** 16.12.11 **(33)** US  
**(43)** 20.06.2013  
**(44)** 27.07.2017  
**(72)** Locke, Christopher Brian; Robinson, Timothy Mark; Luckemeyer, James  
**(74)** Shelston IP Pty Ltd.

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**(71)** Kennametal Inc.  
**(11)** AU-B-2013266971  
**(21)** 2013266971 **(22)** 03.12.2013  
**(54)** CUTTING TOOL MOUNTING ASSEMBLY  
**(51)** Int. Cl.  
**E21C 27/24** ( 2006.01 )  
**(31)** 13/711,981 **(32)** 12.12.12 **(33)** US  
**(43)** 26.06.2014  
**(44)** 27.07.2017  
**(72)** Bookhamer, Paul A.; Paros, Nicholas J.; Weber, Luke A.  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Kennametal Inc.  
**(11)** AU-B-2014201762  
**(21)** 2014201762 **(22)** 25.03.2014  
**(54)** FLAT CUTTER BIT WITH CUTTING INSERT HAVING EDGE PREPARATION  
**(51)** Int. Cl.  
**E21C 35/183** ( 2006.01 )  
**(31)** 13/871,023 **(32)** 26.04.13 **(33)** US  
**(43)** 13.11.2014  
**(44)** 27.07.2017  
**(72)** George, Stephen M.; Sheffler, Glenn W.; Paros, Nicholas J.; Rowlett, Don C.  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Kimberly-Clark Worldwide, Inc.  
**(11)** AU-B-2013340402  
**(21)** 2013340402 **(22)** 30.10.2013  
**(54)** Absorbent article  
**(51)** Int. Cl.  
**A61F 13/494** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**A61F 13/49** ( 2006.01 )  
**(87)** WO2014/068487  
**(31)** 13/665,812 **(32)** 31.10.12 **(33)** US  
**(43)** 08.05.2014  
**(44)** 27.07.2017  
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**(74)** Spruson & Ferguson

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**(71)** Koenig, P.  
**(11)** AU-B-2014308982  
**(21)** 2014308982 **(22)** 19.08.2014

**(54)** Waste processing system  
**(51)** Int. Cl.  
**C02F 1/30** ( 2006.01 )  
**(87)** WO2015/026875  
**(31)** 61/867,254 **(32)** 19.08.13 **(33)** US  
**(43)** 26.02.2015  
**(44)** 27.07.2017  
**(72)** Koenig, Paul  
**(74)** Dark IP

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**(71)** Koo, H.S.  
**(11)** AU-B-2014287919  
**(21)** 2014287919 **(22)** 11.07.2014  
**(54)** Bag support device  
**(51)** Int. Cl.  
**B65B 67/12** ( 2006.01 )  
**B65F 1/00** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
**(87)** WO2015/005710  
**(31)** 10-2013-0081702 **(32)** 11.07.13 **(33)** KR  
**(43)** 15.01.2015  
**(44)** 27.07.2017  
**(72)** Koo, Hong Sik  
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**Korea University Research and Business Foundation see Dong-A ST Co., Ltd**  
**(21)** 2014299575

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**(71)** KT Corporation  
**(11)** AU-B-2015261728  
**(21)** 2015261728 **(22)** 30.11.2015  
**(54)** METHOD AND APPARATUS FOR INTRA PREDICTION WITHIN DISPLAY SCREEN  
**(51)** Int. Cl.  
**H04N 19/593** ( 2014.01 )  
**(43)** 17.12.2015  
**(44)** 27.07.2017  
**(62)** 2012259700  
**(72)** Kwon, Jae Cheol; Kim, Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** Kubota Corporation  
**(11)** AU-B-2013282067  
**(21)** 2013282067 **(22)** 11.06.2013  
**(54)** Joint and use of a sealing member  
**(51)** Int. Cl.  
**F16L 21/04** ( 2006.01 )  
**(87)** WO2014/002745  
**(31)** 2012-141533 **(32)** 25.06.12 **(33)** JP  
 2012-141534 25.06.12 JP  
**(43)** 03.01.2014  
**(44)** 27.07.2017  
**(72)** Kishi, Shozo; Kagawa, Takaaki; Oda, Keita; Ito, Kazuya  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** KYORIN PHARMACEUTICAL CO., LTD.  
**(11)** AU-B-2016273899  
**(21)** 2016273899 **(22)** 14.12.2016  
**(54)** 7-((3S,4S)-3-[[Cyclopropylamino)methyl]-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-

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- fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid crystal  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(43)** 12.01.2017  
**(44)** 27.07.2017  
**(62)** 2012337206  
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**(74)** Griffith Hack
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- (71)** L'AIR LIQUIDE Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude  
**(11)** AU-B-2013258337  
**(21)** 2013258337 **(22)** 12.04.2013  
**(54)** Cooled annular gas collector  
**(51)** Int. Cl.  
**C10J 3/76** ( 2006.01 )  
**C10J 3/30** ( 2006.01 )  
**C10J 3/86** ( 2006.01 )  
**F23G 5/26** ( 2006.01 )  
**F23G 5/46** ( 2006.01 )  
**C10J 3/42** ( 2006.01 )  
**(87)** WO2013/167341  
**(31)** 10 2012 009 265.2 **(32)** 11.05.12 **(33)** DE  
**(43)** 14.11.2013  
**(44)** 27.07.2017  
**(72)** Turna, Osman; Judas, Frederic; Kress, Michael; Kumar, Mukesh; Bettner, Jorg  
**(74)** Griffith Hack
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- (71)** Landmark Graphics Corporation  
**(11)** AU-B-2013400128  
**(21)** 2013400128 **(22)** 16.09.2013  
**(54)** Pseudo phase production simulation: a signal processing approach to assess quasi-multiphase flow production via successive analogous step-function relative permeability controlled models in reservoir flow simulation in order to rank multiple petro-physical realizations  
**(51)** Int. Cl.  
**G06F 19/00** ( 2006.01 )  
**(87)** WO2015/038162  
**(43)** 19.03.2015  
**(44)** 27.07.2017  
**(72)** Smith, Trace Boone; Ramsay, Travis St. George  
**(74)** FB Rice Pty Ltd
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- (71)** Landmark Graphics Corporation  
**(11)** AU-B-2013406198  
**(21)** 2013406198 **(22)** 26.11.2013  
**(54)** Global grid building unfauling sequence for complex fault-network topologies  
**(51)** Int. Cl.  
**G06T 17/05** ( 2011.01 )  
**(87)** WO2015/080699  
**(43)** 04.06.2015  
**(44)** 27.07.2017  
**(72)** Xu, Zitao; Shi, Genbao; Chien, Chikang David; Yarus, Jeffrey; Chambers, Richard L.  
**(74)** FB Rice Pty Ltd
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- (71)** Lankenau Institute for Medical Research  
**(11)** AU-B-2012294342  
**(21)** 2012294342 **(22)** 09.08.2012  
**(54)** Methods and compositions for the treatment of autoimmune and inflammatory diseases  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**(87)** WO2013/023059  
**(31)** 61/522,009 **(32)** 10.08.11 **(33)** US  
**(43)** 14.02.2013  
**(44)** 27.07.2017  
**(72)** Laury-Kleintop, Lisa; Mandik-Nayak, Laura; Prendergast, George C.; Duhadaway, James  
**(74)** Fisher Adams Kelly Callinans
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- (71)** Lavoie, M.; Muise, J.  
**(11)** AU-B-2012278880  
**(21)** 2012278880 **(22)** 06.07.2012  
**(54)** Method of providing a portable true random number generator based on the microstructure and noise found in digital images  
**(51)** Int. Cl.  
**G06F 7/58** ( 2006.01 )  
**(87)** WO2013/003943  
**(31)** 13/177,883 **(32)** 07.07.11 **(33)** US  
**(43)** 10.01.2013  
**(44)** 27.07.2017  
**(72)** Muise, Joseph Gerard; Lavoie, Marie Lise  
**(74)** Belyea IP
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- (71)** Le Gaz Integral SAS  
**(11)** AU-B-2014222437  
**(21)** 2014222437 **(22)** 03.03.2014  
**(54)** Method for removing sulphur dioxide from gas streams, using titanium dioxide as catalyst  
**(51)** Int. Cl.  
**C01B 17/04** ( 2006.01 )  
**B01D 53/86** ( 2006.01 )  
**B01J 21/06** ( 2006.01 )  
**(87)** WO2014/132087  
**(31)** 1303737.9 **(32)** 01.03.13 **(33)** GB  
 2013121970 13.05.13 RU  
**(43)** 04.09.2014  
**(44)** 27.07.2017  
**(72)** Cross, Peter Frank  
**(74)** In-Legal Limited
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- (71)** Lewis Australia Pty Ltd  
**(11)** AU-B-2017200661  
**(21)** 2017200661 **(22)** 01.02.2017  
**(54)** Oxygen Lance with Coil  
**(51)** Int. Cl.  
**F27D 3/15** ( 2006.01 )  
**C21C 5/46** ( 2006.01 )  
**(43)** 23.02.2017
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- (44)** 27.07.2017  
**(62)** 2011239274  
**(72)** Calvi, John Adrian; Duran, Rodolfo Daniel  
**(74)** Morcom Pernat
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- (71)** Lexicon Pharmaceuticals, Inc.  
**(11)** AU-B-2012326383  
**(21)** 2012326383 **(22)** 16.10.2012  
**(54)** Solid dosage forms of (S)-ethyl 2-amino-3-(4-(2-amino-6-((R)-1-(4-chloro-2-(3-methyl-1H-pyrazol-1-yl)phenyl)-2,2,2-trifluoroethoxy)pyrimidin-4-yl)phenyl)propanoate  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**(87)** WO2013/059146  
**(31)** 61/547,894 **(32)** 17.10.11 **(33)** US  
**(43)** 25.04.2013  
**(44)** 27.07.2017  
**(72)** Chen, Jinling; Deaver, Matthew S.; Holl, Richard J.; Nuguru, Kalyan  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Linde Aktiengesellschaft  
**(11)** AU-B-2013270937  
**(21)** 2013270937 **(22)** 06.06.2013  
**(54)** Heat exchanger  
**(51)** Int. Cl.  
**F28D 21/00** ( 2006.01 )  
**F28D 7/16** ( 2006.01 )  
**F28D 9/00** ( 2006.01 )  
**F28F 9/02** ( 2006.01 )  
**(87)** WO2013/182314  
**(31)** 10 2012 011 328.5 **(32)** 06.06.12 **(33)** DE  
**(43)** 12.12.2013  
**(44)** 27.07.2017  
**(72)** Kayser, Stefan; Bernauer, Michael; Brenner, Steffen  
**(74)** Shelston IP Pty Ltd.
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- (71)** Lonza, Inc.  
**(11)** AU-B-2013306052  
**(21)** 2013306052 **(22)** 19.08.2013  
**(54)** Method of scavenging hydrogen sulfide and/or sulfhydryl compounds  
**(51)** Int. Cl.  
**C10G 29/20** ( 2006.01 )  
**C10G 29/24** ( 2006.01 )  
**(87)** WO2014/031537  
**(31)** 61/691,567 **(32)** 21.08.12 **(33)** US  
**(43)** 27.02.2014  
**(44)** 27.07.2017  
**(72)** Janak, Kevin Edward  
**(74)** Shelston IP Pty Ltd.
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- (71)** Lucite International Speciality Polymers & Resins Limited  
**(11)** AU-B-2014326370  
**(21)** 2014326370 **(22)** 30.09.2014  
**(54)** A hardenable multi-part acrylic composition  
**(51)** Int. Cl.  
**A61L 27/16** ( 2006.01 )

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**A61L 24/00** ( 2006.01 )  
**A61L 24/06** ( 2006.01 )  
**A61L 27/50** ( 2006.01 )  
**C08F 265/06** ( 2006.01 )  
**C08L 33/12** ( 2006.01 )  
**(87)** WO2015/044688  
**(31)** 1317302.6 **(32)** 30.09.13 **(33)** GB  
 1405394.6 26.03.14 GB  
**(43)** 02.04.2015  
**(44)** 27.07.2017  
**(72)** Chisholm, Michael Stephen; Abed-Ali,  
 Sera Saheb  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Luminex Corporation  
**(11)** AU-B-2016201550  
**(21)** 2016201550 **(22)** 10.03.2016  
**(54)** CASSETTE FOR SAMPLE PREPARA-  
 TION  
**(51)** Int. Cl.  
**C12M 1/34** ( 2006.01 )  
**(43)** 31.03.2016  
**(44)** 27.07.2017  
**(62)** 2014201790  
**(72)** Ching, Jesus; Hu, David Hsiang; Yu,  
 Steve Jia Chang; Lee, Phillip You Fai  
**(74)** Pizzey's Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Mack Rides GmbH & Co. KG  
**(11)** AU-B-2014331267  
**(21)** 2014331267 **(22)** 25.09.2014  
**(54)** Track system for an amusement ride, in  
 particular for a roller coaster or suspen-  
 sion rail  
**(51)** Int. Cl.  
**A63G 7/00** ( 2006.01 )  
**(87)** WO2015/049162  
**(31)** 10 2013 220 067.6 **(32)** 02.10.13 **(33)** DE  
**(43)** 09.04.2015  
**(44)** 27.07.2017  
**(72)** Burger, Gunter  
**(74)** Franke Hyland

**(71)** Mack Rides GmbH & Co. KG  
**(11)** AU-B-2015228885  
**(21)** 2015228885 **(22)** 11.03.2015  
**(54)** Water ride having a variable water level  
**(51)** Int. Cl.  
**A63G 21/18** ( 2006.01 )  
**A63G 7/00** ( 2006.01 )  
**A63G 21/04** ( 2006.01 )  
**(87)** WO2015/135963  
**(31)** 102014103226.8 **(32)** 11.03.14 **(33)** DE  
**(43)** 17.09.2015  
**(44)** 27.07.2017  
**(72)** Sornik, Frank; Gordt, Dennis  
**(74)** Franke Hyland

**(71)** Mack Rides GmbH & Co. KG  
**(11)** AU-B-2015239082  
**(21)** 2015239082 **(22)** 02.04.2015  
**(54)** Amusement-park device having a rail-  
 guided route course and having at least  
 one vehicle guided on the rail  
**(51)** Int. Cl.  
**A63G 7/00** ( 2006.01 )

**F16D 55/226** ( 2006.01 )  
**F16D 63/00** ( 2006.01 )  
**(87)** WO2015/150539  
**(31)** 10 2014 104 659.5 **(32)** 02.04.14 **(33)** DE  
**(43)** 08.10.2015  
**(44)** 27.07.2017  
**(72)** Markus, Becherer; Lassle, Timo  
**(74)** Franke Hyland

**Madrigal Pharmaceuticals, Inc. see F. Hoff-  
 mann-La Roche Ltd.**  
**(21)** 2013315017

**(71)** Mars, Incorporated  
**(11)** AU-B-2012349841  
**(21)** 2012349841 **(22)** 06.12.2012  
**(54)** Genetic test for liver copper accumula-  
 tion in dogs  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2013/083988  
**(31)** 1120989.7 **(32)** 06.12.11 **(33)** GB  
**(43)** 13.06.2013  
**(44)** 27.07.2017  
**(72)** Martin, Alan James; Jones, Paul Glyn;  
 Watson, Adrian; Rothuizen, Jan; Fieten,  
 Hille; Leegwater, Pieter Antonius Jozef  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Martin Scientific, LLC  
**(11)** AU-B-2012329100  
**(21)** 2012329100 **(22)** 23.10.2012  
**(54)** High-speed downhole sensor and tele-  
 metry network  
**(51)** Int. Cl.  
**E21B 47/13** ( 2012.01 )  
**(87)** WO2013/062949  
**(31)** 61/551,176 **(32)** 25.10.11 **(33)** US  
**(43)** 02.05.2013  
**(44)** 27.07.2017  
**(72)** Prammer, Manfred G.  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Massachusetts Institute of Technology  
**(11)** AU-B-2013326877  
**(21)** 2013326877 **(22)** 04.10.2013  
**(54)** Low-temperature liquid metal batteries  
 for grid-scaled storage  
**(51)** Int. Cl.  
**H01M 10/20** ( 2006.01 )  
**H01M 10/22** ( 2006.01 )  
**H01M 10/39** ( 2006.01 )  
**(87)** WO2014/055873  
**(31)** 61/710,398 **(32)** 05.10.12 **(33)** US  
**(43)** 10.04.2014  
**(44)** 27.07.2017  
**(72)** Spatocco, Brian L.; Burke, Paul J.; Sad-  
 oway, Donald R.  
**(74)** Griffith Hack

**(71)** MED-EL Elektromedizinische Geraete  
 GmbH  
**(11)** AU-B-2016204644  
**(21)** 2016204644 **(22)** 05.07.2016  
**(54)** Impact protection for implantable elec-  
 tric lead

**(51)** Int. Cl.  
**A61F 11/04** ( 2006.01 )  
**(43)** 21.07.2016  
**(44)** 27.07.2017  
**(62)** 2014209296  
**(72)** ZIMMERLING, Martin; BEAL, Fabrice;  
 DE LUCA, Davide; HAMMERER,  
 Dominik; HOFER, Stefan; SCHIND-  
 LER, Philipp  
**(74)** Griffith Hack

**(71)** Mediaproduccion, S.L.  
**(11)** AU-B-2014314567  
**(21)** 2014314567 **(22)** 22.07.2014  
**(54)** A method and system for producing a  
 video production  
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 (51) Int. Cl.  
*C07H 15/26* ( 2006.01 )  
*A61K 31/7056* ( 2006.01 )  
*A61P 37/04* ( 2006.01 )  
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 (43) 27.12.2012  
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 (54) Adhesive earplugs useful for sealing the ear canal  
 (51) Int. Cl.  
*A61F 11/00* ( 2006.01 )  
*A61F 11/08* ( 2006.01 )  
*A61F 11/12* ( 2006.01 )  
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 (31) 61/653,080 (32) 30.05.12 (33) US  
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 (43) 05.12.2013  
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 (74) Fisher Adams Kelly Callinans

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 (54) Force module for class II and class III correction and releasable distal connector for force module  
 (51) Int. Cl.  
*A61C 7/36* ( 2006.01 )  
*A61C 7/10* ( 2006.01 )  
 (43) 04.02.2016  
 (44) 27.07.2017  
 (62) 2013205285  
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 (74) Griffith Hack

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 (21) 2013284731 (22) 17.06.2013  
 (54) Animal toilet sand  
 (51) Int. Cl.

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 Hirao, Tomoko; Kaneko, Shinya; Ya-  
 mada, Hidekazu; Otomo, Takahiro  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Unilever PLC  
**(11)** AU-B-2014327630  
**(21)** 2014327630 **(22)** 08.09.2014  
**(54)** Shaping tool for frozen confection  
**(51)** Int. Cl.  
**A23G 9/04** ( 2006.01 )  
**A23G 9/22** ( 2006.01 )  
**A23G 9/26** ( 2006.01 )  
**A23G 9/44** ( 2006.01 )  
**A23G 9/48** ( 2006.01 )  
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**(54)** CARE ENZYME SYSTEM  
**(51)** Int. Cl.  
**C11D 3/386** ( 2006.01 )  
**D06M 16/00** ( 2006.01 )  
**(43)** 04.02.2016  
**(44)** 27.07.2017  
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**(72)** LILLEY, Richard Elliot; PARRY, Neil  
 James  
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**(71)** University of Pittsburgh of the Com-  
 monwealth System of Higher Educa-  
 tion; Smith & Nephew, Inc.  
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**(21)** 2013235641 **(22)** 12.03.2013  
**(54)** Tissue graft anchoring  
**(51)** Int. Cl.  
**A61F 2/08** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
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**(31)** 61/614,878 **(32)** 23.03.12 **(33)** US  
**(43)** 26.09.2013  
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 chael C.; Perriello, Michael J.; Berube  
 Jr., Alfred Rodrigue  
**(74)** Davies Collison Cave Pty Ltd

**(71)** University of Tennessee Research  
 Foundation; Prothena Biosciences Lim-  
 ited  
**(11)** AU-B-2015249034  
**(21)** 2015249034 **(22)** 27.10.2015

**(54)** Treatment and prophylaxis of amyl-  
 oidosis  
**(51)** Int. Cl.  
**C12P 21/08** ( 2006.01 )  
**(43)** 12.11.2015  
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 Wall, Jonathan; Saldanha, Jose  
**(74)** Shelston IP Pty Ltd.

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**(11)** AU-B-2013272101  
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**(54)** Two-piece modular yoke  
**(51)** Int. Cl.  
**E04B 9/12** ( 2006.01 )  
**E04B 9/18** ( 2006.01 )  
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 treating retinal-degenerative diseases  
 and hearing loss associated with Usher  
 Syndrome  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
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 liam Edward  
**(74)** Spruson & Ferguson

**(71)** Ventana Medical Systems, Inc.  
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**(54)** Digitally enhanced microscopy for multi-  
 plexed histology  
**(51)** Int. Cl.  
**G01N 21/64** ( 2006.01 )  
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 14/027,093 13.09.13 US  
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**(74)** Spruson & Ferguson

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**(21)** 2016238871 **(22)** 05.10.2016  
**(54)** Encapsulated electronics  
**(51)** Int. Cl.

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**(71)** Vetco Gray U.K., Limited  
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**(54)** PLUG INSTALLATION SYSTEM AND  
 METHOD  
**(51)** Int. Cl.  
**E21B 23/00** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Vital Art and Science, LLC  
**(11)** AU-B-2015213323  
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**(54)** Shape discrimination vision assess-  
 ment and tracking system  
**(51)** Int. Cl.  
**A61B 3/02** ( 2006.01 )  
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**(71)** Vossloh Cogifer (Societe Anonyme)  
**(11)** AU-B-2012306127  
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**(54)** Lubrication-free railway shunting device  
**(51)** Int. Cl.  
**E01B 7/26** ( 2006.01 )  
**B21B 1/088** ( 2006.01 )  
**C23C 28/00** ( 2006.01 )  
**E01B 5/08** ( 2006.01 )  
**E01B 5/10** ( 2006.01 )  
**E01B 7/00** ( 2006.01 )  
**E01B 7/02** ( 2006.01 )  
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**E04C 3/29** ( 2006.01 )  
**F16C 33/20** ( 2006.01 )

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**(72)** Barresi, Francesco  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** W.L. Gore & Associates, Inc.  
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**(21)** 2014360532 **(22)** 03.12.2014  
**(54)** Tapered implantable device and meth-  
 ods for making such devices  
**(51)** Int. Cl.  
**B29C 55/00** ( 2006.01 )  
**A61F 2/04** ( 2006.01 )  
**B29C 55/22** ( 2006.01 )

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 61/912,339 05.12.13 US  
**(43)** 11.06.2015  
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 Schlaud, Marc A.; Studley IV, Arthur R.  
**(74)** Griffith Hack

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**(11)** AU-B-2015207853  
**(21)** 2015207853 **(22)** 28.07.2015  
**(54)** External steerable fiber for use in en-  
 doluminal deployment of expandable  
 devices  
**(51)** Int. Cl.  
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**A61F 2/95** ( 2013.01 )  
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**(72)** Bloss, Roberta A.; Burkart, Dustin C.;  
 Norris, Patrick M.; Sondreaal, Matthew  
 G.; Walsh, Stephanie M.  
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**(71)** Waterco Limited  
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**(54)** Heat exchanger  
**(51)** Int. Cl.  
**F28D 7/02** ( 2006.01 )  
**F28D 7/04** ( 2006.01 )  
**F28D 7/10** ( 2006.01 )  
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**(72)** Tandon, Pradeep Kumar  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** WAVE LIFE SCIENCES LTD.  
**(11)** AU-B-2015255202  
**(21)** 2015255202 **(22)** 10.11.2015  
**(54)** Novel nucleic acid prodrugs and meth-  
 ods of use thereof  
**(51)** Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**(43)** 26.11.2015  
**(44)** 27.07.2017  
**(62)** 2010270714  
**(72)** Verdine, Gregory L.; Meena; Iwamoto,  
 Naoki  
**(74)** Shelston IP Pty Ltd.

**(71)** Wong, C.; Chen, L.  
**(11)** AU-B-2012313196  
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**(54)** Partially floating marine platform for off-  
 shore wind-power, bridges and marine  
 buildings, and construction method  
**(51)** Int. Cl.  
**B63B 35/44** ( 2006.01 )  
**E02D 5/22** ( 2006.01 )  
**E02D 23/00** ( 2006.01 )

**E02D 25/00** ( 2006.01 )  
**F03D 9/00** ( 2006.01 )  
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**(74)** Wrays

**(71)** Wuhan Kaidi Engineering Technology  
 Research Institute Co., Ltd.  
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**(21)** 2015258645 **(22)** 06.02.2015  
**(54)** Catalyst suitable for production of avi-  
 ation kerosene from biomass Fisc-  
 her-Tropsch synthesis oil and prepara-  
 tion method therefor  
**(51)** Int. Cl.  
**B01J 29/48** ( 2006.01 )  
**B01J 37/02** ( 2006.01 )  
**C10G 49/04** ( 2006.01 )  
**C10G 49/08** ( 2006.01 )  
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**(43)** 19.11.2015  
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**(74)** WRAYS PTY LTD

**(71)** Yale University  
**(11)** AU-B-2011338615  
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**(54)** Small-molecule hydrophobic tagging of  
 fusion proteins and induced degrada-  
 tion of same  
**(51)** Int. Cl.  
**C07K 17/02** ( 2006.01 )  
**A61K 31/66** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**A61K 31/708** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
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**(43)** 14.06.2012  
**(44)** 27.07.2017  
**(72)** Crews, Craig M.; Tae, Hyun Seop;  
 Schneckloth, Ashley R.; Neklesa,  
 Taavi; Sundberg, Thomas  
**(74)** Pizzey's Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Yissum Research Development Com-  
 pany of The Hebrew University of Jeru-  
 salem Ltd.  
**(11)** AU-B-2013365633  
**(21)** 2013365633 **(22)** 19.12.2013  
**(54)** Perovskite schottky type solar cell  
**(51)** Int. Cl.  
**H01L 51/42** ( 2006.01 )  
**H01L 31/072** ( 2012.01 )  
**(87)** WO2014/097299  
**(31)** 61/740,147 **(32)** 20.12.12 **(33)** US  
**(43)** 26.06.2014  
**(44)** 27.07.2017  
**(72)** Etgar, Lioz  
**(74)** Collison & Co

**(71)** Yuhan Corporation; Bioneer Corpora-  
 tion  
**(11)** AU-B-2014284836  
**(21)** 2014284836 **(22)** 04.07.2014  
**(54)** Respiratory disease-related gene spe-  
 cific siRNA, double-helical oligo RNA  
 structure containing siRNA, composi-  
 tion containing same for preventing or treat-  
 ing respiratory disease  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2015/002513  
**(31)** 10-2013-0079311 **(32)** 05.07.13 **(33)** KR  
**(43)** 08.01.2015  
**(44)** 27.07.2017  
**(72)** Chae, Jeiwook; Park, Han Oh; Yoon,  
 Pyoung Oh; Han, Boram; Kim, Mi Na  
**(74)** FB Rice Pty Ltd

**(71)** Zensun (Shanghai) Science & Techno-  
 logy, Co. Ltd.  
**(11)** AU-B-2012323711  
**(21)** 2012323711 **(22)** 08.10.2012  
**(54)** Compositions and methods for treating  
 heart failure  
**(51)** Int. Cl.  
**C07K 14/475** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61P 9/04** ( 2006.01 )  
**(87)** WO2013/053201  
**(31)** PCT/ **(32)** 10.10.11 **(33)** CN  
 CN2011/001691  
 PCT/ 02.11.11 CN  
 CN2011/081699  
**(43)** 18.04.2013  
**(44)** 27.07.2017  
**(72)** Zhou, Mingdong  
**(74)** Fisher Adams Kelly Callinans

**(71)** Zhejiang Hisun Pharmaceutical Co.,  
 Ltd.  
**(11)** AU-B-2014350912  
**(21)** 2014350912 **(22)** 28.04.2014  
**(54)** Disaccharide intermediate and synthe-  
 sis method thereof  
**(51)** Int. Cl.  
**C07H 13/08** ( 2006.01 )  
**C07H 1/00** ( 2006.01 )  
**C07H 3/10** ( 2006.01 )  
**(87)** WO2015/070571  
**(31)** 201310571340.5 **(32)** 14.11.13 **(33)** CN  
**(43)** 21.05.2015  
**(44)** 27.07.2017  
**(72)** Guo, Yanghui; Zhou, Junhui; Cai, Qing-  
 feng; Wei, Hegeng; Bai, Hua; Long, Fei;  
 Zhang, Yue; Wu, Yingqiu  
**(74)** FB Rice Pty Ltd

**(71)** ZTE Corporation  
**(11)** AU-B-2014263975  
**(21)** 2014263975 **(22)** 03.06.2014  
**(54)** Method, device and storage medium for  
 increasing distance measuring equip-  
 ment interference-prevention capabil-  
 ities in lte systems  
**(51)** Int. Cl.

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*H04W 16/14* ( 2009.01 )

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(43) 13.11.2014

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(72) Zhang, Kaimin; He, Bo

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2011298718	NCS Oilfield Services Canada Inc.	2012387311	Terumo Kabushiki Kaisha
2011323418	Promega Corporation	2012388441	Evonik Rohm GmbH
2011323455	Promega Corporation	2012389310	Friedrich Muench GmbH & Co. KG
2011338615	Yale University	2013201026	Elphinstone Engineering Aust Pty Ltd
2011372437	Ratchet Solutions, Inc.; Hangzhou Great Star Tools Co., Ltd.	2013205169	Derrick Corporation
2011376706	Gaudfrin	2013205171	Derrick Corporation
2011377572	Argy, P.; Chau, E.	2013205524	Vetco Gray U.K., Limited
2011378695	Electrolux Home Products Corporation N.V.	2013205937	BISSELL Homecare, Inc.
2012200725	Dias Aluminium Products Pty. Ltd.	2013206180	Covidien LP
2012215130	Frigesco Limited	2013207086	Degremont
2012216408	Christandl, J.; Hofer, R.; Christandl, D.	2013215079	Tru Vue, Inc.
2012238883	Robert Bosch GmbH	2013218287	DEB IP Limited
2012238884	Robert Bosch GmbH	2013219155	The Boeing Company
2012241136	Illinois Tool Works Inc.	2013219185	Deere & Company
2012246077	Paradigm Drilling Services Limited	2013222315	Johnson Matthey Process Technologies, Inc.
2012248861	Aker Subsea AS	2013224043	Santen SAS
2012249567	Selecta Biosciences, Inc.	2013229699	Haldor Topsoe A/S
2012250199	Ethicon Endo-Surgery, Inc.	2013232843	Purapipe Holding Ltd.
2012265618	iCommand Ltd	2013234496	Novo Nordisk A/S
2012267472	Nitto Denko Corporation	2013234499	Polyphor AG
2012271274	Berg LLC	2013235428	Buckle, R.; Hafley, T.
2012271845	AbGenomics Cooperatief U.A.	2013235641	University of Pittsburgh of the Commonwealth System of Higher Education; Smith & Nephew, Inc.
2012273838	Turun Yliopisto; Abo Akademi University	2013237900	Immune Design Corp.
2012278094	THOMSON Licensing	2013242873	Sandvik Intellectual Property AB
2012278880	Lavoie, M.; Muise, J.	2013243635	AK Steel Properties, Inc.
2012282660	The Children's Hospital of Philadelphia	2013243713	Johnson Matthey Public Limited Company
2012283381	Britannia Pharmaceuticals Ltd.	2013245106	Sanofi-Aventis Deutschland GmbH
2012284407	Rilco Manufacturing Company, Inc.	2013246985	Nuovo Pignone Srl
2012284427	Hussmann Corporation	2013248685	Contera Pharma ApS
2012286046	Inventio AG	2013252781	General Electric Company
2012286593	CMTE Development Limited	2013258337	L'AIR LIQUIDE Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2012286857	Allergan, Inc.	2013261719	Sanofi
2012287289	Bettcher Industries, Inc.	2013262397	Cyon Therapeutics Inc.
2012289433	Generon (Shanghai) Corporation Ltd.	2013262727	Expression Pathology, Inc.
2012290702	The Boeing Company	2013265400	Imnate Sarl
2012292475	Inventio AG	2013265463	PR Germany GmbH
2012294342	Lankenau Institute for Medical Research	2013266238	The Ohio State University
2012296588	The Regents of the University of Colorado, a Body Corporate	2013266971	Kennametal Inc.
2012306127	Vossloh Cogifer (Societe Anonyme)	2013267734	Tusker Medical, Inc.
2012312742	Smith & Nephew, Inc.	2013270937	Linde Aktiengesellschaft
2012313196	Wong, C.; Chen, L.	2013271277	CSR Meishan Rolling Stock Co., Ltd.
2012315473	Bradken Resources Pty Limited	2013271614	Dialight Corporation
2012316227	Google Inc.	2013272101	USG Interiors, LLC
2012318522	NuVasive, Inc.	2013275197	EA Pharma Co., Ltd.
2012318934	Dopp, R.	2013277932	Pod Global IP Pty Ltd
2012323116	Inventio AG	2013282067	Kubota Corporation
2012323305	Ampio Pharmaceuticals, Inc.	2013282289	FEI Company
2012323711	Zensun (Shanghai) Science & Technology, Co. Ltd.	2013282957	Cosmetic Warriors Limited
2012326383	Lexicon Pharmaceuticals, Inc.	2013284326	Waterco Limited
2012328605	Ampio Pharmaceuticals, Inc.	2013284425	Advanced Liquid Logic Inc.
2012329100	Martin Scientific, LLC	2013284731	Unicharm Corporation
2012336013	Allergan, Inc.	2013292585	Facebook, Inc.
2012340673	Abiomed, Inc.	2013293362	Ford Global Technologies, LLC
2012345458	IBR- Israeli Biotechnology Research Ltd.	2013295144	ITEA S.p.A.
2012345863	Bristol-Myers Squibb Company	2013295146	ITEA S.p.A.
2012347624	Arjohuntleigh	2013295566	DePuy Synthes Products, Inc.
2012349841	Mars, Incorporated	2013298459	Speed France SAS
2012350146	The University of Melbourne	2013302292	Simple Medical Innovations Pty Ltd
2012351930	KCI Licensing, Inc.	2013305082	Intervet International B.V.
2012352167	Abraxis BioScience, LLC	2013306052	Lonza, Inc.
2012354228	Orbital Systems AB	2013315017	F. Hoffmann-La Roche Ltd.; Madrigal Pharmaceuticals, Inc.
2012356846	GE Healthcare Limited	2013315184	Drillco Tools S.A.
2012358413	GEA Mechanical Equipment GmbH	2013321333	Sony Corporation
2012362199	Blackstone Medical, Inc.	2013322897	B. Braun Melsungen AG
2012374044	SunPower Corporation		

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2013326877	Massachusetts Institute of Technology	2014231863	Eisai R&D Management Co., Ltd.
2013329464	Sutro Biopharma, Inc.	2014232153	Hunan Skyworld Biotechnologies Co.
2013331496	Janssen Pharmaceutica NV	2014233357	Greeneden U.S. Holdings II LLC
2013334138	Usher III Initiative, Inc.	2014240001	PaceControls LLC
2013337425	Fluid Handling LLC	2014241965	Ethicon, Inc.
2013337884	Parker-Hannifin Corporation	2014242130	Archer Daniels Midland Company
2013338444	Archer Daniels Midland Company	2014242318	Ecolab USA Inc.
2013338445	Archer Daniels Midland Company	2014243199	BASF Agro B.V.
2013340402	Kimberly-Clark Worldwide, Inc.	2014244151	The IPE Clip Fastener Company, LLC
2013344604	Bristol-Myers Squibb Company	2014244162	Fluidic, Inc.
2013345044	Cooper Technologies Company	2014253429	MEVA Schalungssysteme GmbH
2013346725	Bundesdruckerei GmbH	2014254219	Microsoft Technology Licensing, LLC
2013346860	Chemetall GmbH	2014254442	The Boeing Company
2013346978	Bayer Animal Health GmbH	2014258396	Tokuyama Corporation
2013350302	IMP Group (Pty) Ltd	2014263975	ZTE Corporation
2013350916	ITI Scotland - Scottish Enterprise	2014267411	Nestec S.A.
2013351109	Nestec S.A.	2014267412	Nestec S.A.
2013356152	NEC Corporation	2014268530	Campa, J.
2013356991	Sea Delight Europe, SL	2014273925	Dometic Corporation
2013357092	Belron Hungary Kft-Zug Branch	2014275264	The Gillette Company LLC
2013357138	Suomen Metallityo Oy	2014275265	The Gillette Company LLC
2013359373	BASF Corporation	2014275486	CommScope Technologies LLC
2013360295	Alcon Research, Ltd.	2014278444	Schlumberger Technology B.V.
2013360865	TomTom Telematics B.V.	2014278848	Heat Ranger Limited
2013361148	Microsoft Technology Licensing, LLC	2014284836	Yuhan Corporation; Bioneer Corporation
2013362923	SunPower Corporation	2014285083	Interdigital Patent Holdings, Inc.
2013363405	Deere & Company	2014285088	AbbVie Inc.
2013363694	Akzo Nobel Chemicals International B.V.	2014285178	Chubu University Educational Foundation; JGC Corporation
2013365633	Yissum Research Development Company of The Hebrew University of Jerusalem Ltd.	2014287919	Koo, H.S.
2013366148	Flexible Engineered Solutions Limited	2014288960	Smart Separations Limited
2013369626	Centro de Ingeniería Genética y Biotecnología	2014290513	The General Hospital Corporation
2013370663	E. I. du Pont de Nemours and Company	2014295282	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2013377842	Agilent Technologies, Inc.	2014296314	Gilead Connecticut, Inc.
2013379719	Graham Packaging Company, L.P.	2014298276	Dyson Technology Limited
2013381730	Ventana Medical Systems, Inc.	2014298632	Sika Technology AG
2013400128	Landmark Graphics Corporation	2014299575	Dong-A ST Co., Ltd; Korea University Research and Business Foundation
2013400174	Halliburton Energy Services Inc.	2014303817	JX Nippon Oil & Energy Corporation
2013401044	Huawei Technologies Co., Ltd.	2014307083	Teleflex Medical Incorporated
2013404986	Halliburton Energy Services, Inc.	2014308982	Koenig, P.
2013406198	Landmark Graphics Corporation	2014309122	eBay Inc.
2013406576	Huawei Device Co., Ltd	2014309243	3M Innovative Properties Company
2013409321	Huawei Technologies Co., Ltd.	2014311440	Caterpillar Inc.
2014200081	Covidien LP	2014314567	Mediaproduccion, S.L.
2014200359	Thales Holdings UK Plc	2014315691	ISP Investments Inc.
2014201762	Kennametal Inc.	2014322400	Ishida Co., Ltd.
2014202307	Schneider Electric Industries SAS	2014324792	Siemens Industry, Inc.
2014202796	SMART ENERGY INC.	2014326370	Lucite International Speciality Polymers & Resins Limited
2014202797	SMART ENERGY INC.	2014326474	Fillon Technologies
2014203585	The Boeing Company	2014327630	Unilever PLC
2014204428	MITSUBISHI ELECTRIC CORPORATION	2014331267	Mack Rides GmbH & Co. KG
2014204633	Shanghai Fosun Pharmaceutical Development Co., Ltd.	2014344107	Nagravision S.A.
2014205038	The Chinese University of Hong Kong	2014350912	Zhejiang Hisun Pharmaceutical Co., Ltd.
2014205539	Monsanto Technology LLC	2014352357	Changzheng Engineering Co., Ltd.
2014207716	The Regents of the University of Michigan	2014352709	Halliburton Energy Services, Inc.
2014208965	Entasis Therapeutics Limited	2014353513	Dropbox, Inc.
2014210356	Colop Stempelerzeugung Skopek Gesellschaft M.B.H. & Co. KG.	2014357376	24/7 Customer, Inc.
2014210567	General Electric Company	2014360255	Enzymotec Ltd.
2014210712	Bisio Progetti S.p.A.	2014360371	Cardiac Pacemakers, Inc.
2014214056	Ipurtech Limited	2014360532	W.L. Gore & Associates, Inc.
2014214737	SciFluor Life Sciences, Inc	2014364933	Boston Scientific Neuromodulation Corporation
2014215195	Sakata Inx Corporation	2014371353	Daikin Industries, Ltd.
2014217787	Nestec S.A.	2014374420	Halliburton Energy Services, Inc.
2014222437	Le Gaz Integral SAS	2014376751	Hitachi, Ltd.
2014222492	Bio-Sep Limited	2014377273	PetroChina Company Limited
2014222598	IHC IQIP UK Ltd.	2014382643	Halliburton Energy Services, Inc.
2014223461	Crayola LLC	2014393392	Colgate-Palmolive Company
2014224076	Redarc Technologies Pty Ltd	2014396230	Halliburton Energy Services, Inc.
2014227499	Morris Industries Ltd.	2014396819	Halliburton Energy Services, Inc.
2014228575	Ethicon, Inc.		
2014228703	Elliott Company		

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2014400807	Halliburton Energy Services, Inc.	2016200189	Unilever PLC
2014414325	SCA Tissue France	2016200225	ULTRADENT PRODUCTS, INC.
2015200060	Phenomenome Discoveries Inc.	2016200317	Snap-on Incorporated
2015200737	Derrick Corporation	2016200478	Covidien LP
2015200994	Restaurant Technology, Inc.	2016200912	Palmer Labs, LLC; 8 Rivers Capital, LLC
2015201299	Hortigenetics Research (S.E. Asia) Ltd.	2016200953	Boston Biomedical, Inc.
2015202353	Aduro Biotech Holdings, Europe B.V.	2016201193	Fuji Xerox Co., Ltd.
2015202355	Incube Labs, LLC	2016201204	Snap-on Incorporated
2015203513	ResMed Limited	2016201550	Luminex Corporation
2015205768	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	2016202091	Evogene Ltd.
2015205826	BioNano Genomics, Inc.	2016202210	IGT
2015207853	W. L. Gore & Associates, Inc.	2016202863	Honeywell International, Inc.
2015208379	Jaguar Land Rover Limited	2016203106	Mitsubishi Rayon Co., Ltd.
2015210609	Halliburton Energy Services, Inc.	2016203193	Samsung Electronics Co., Ltd.
2015212069	Mitsubishi Heavy Industries, Ltd.	2016203393	pSivida US, Inc.
2015213323	Vital Art and Science, LLC	2016203512	Draeger Safety AG & Co KGaA
2015213350	Norwegian University of Science and Technology (NT-NU)	2016203516	Evogene Ltd.
2015213353	Signal Pharmaceuticals, LLC	2016203560	Facebook, Inc.
2015213397	Signal Pharmaceuticals, LLC	2016203880	Accenture Global Solutions Limited
2015213400	Signal Pharmaceuticals, LLC	2016204644	MED-EL Elektromedizinische Geraete GmbH
2015215335	Shijiazhuang Yiling Pharmaceutical Co., Ltd.	2016204884	TM IP Holdings, LLC
2015215939	Ivantis, Inc.	2016205042	FLSmidth A/S
2015217579	Google Inc.	2016222395	Apple Inc.
2015218433	Intra-Cellular Therapies, Inc.	2016228191	Cadila Healthcare Limited
2015218552	Medtronic Navigation, Inc.	2016238871	Verily Life Sciences LLC
2015223280	Apple Inc.	2016266750	Google Inc.
2015223851	Honda Carax Co., Ltd.; D. I. Engineering Corporation	2016273899	KYORIN PHARMACEUTICAL CO., LTD.
2015228885	Mack Rides GmbH & Co. KG	2017200661	Lewis Australia Pty Ltd
2015230694	Rheinmetall Defence Electronics GmbH	2017200879	ETHICON ENDO-SURGERY, INC.
2015230807	The Rockefeller University	2017203328	Smith, J.
2015232241	Research and Business Foundation Sungkyunkwan University; Samsung Electronics Co., Ltd.	2017203612	Google Inc.
2015232870	Fujitsu General Limited		
2015233419	NEC Corporation		
2015239082	Mack Rides GmbH & Co. KG		
2015244882	Nippon Steel & Sumitomo Metal Corporation		
2015247201	IHI Corporation		
2015249034	University of Tennessee Research Foundation; Prothena Biosciences Limited		
2015251069	Sandvik Mining and Construction Oy		
2015253838	Northern Technologies International Corporation		
2015255202	WAVE LIFE SCIENCES LTD.		
2015255259	Cydex Pharmaceuticals, Inc		
2015255918	PRC-DeSoto International, Inc.		
2015258187	Airxpanders, Inc.; Shalon Ventures, Inc.		
2015258645	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.		
2015259403	Novartis AG		
2015261599	Acergy France SAS		
2015261699	Roche Diagnostics Hematology, Inc.		
2015261728	KT Corporation		
2015264306	Sabin, R.		
2015264814	SELCH, A.		
2015264853	The Enterprise Cradle Limited		
2015264924	Aristocrat Technologies Australia Pty Limited		
2015271914	RAYGEN RESOURCES PTY LTD		
2015271922	SAMSUNG ELECTRONICS CO., LTD.		
2015271938	Bayer Intellectual Property GmbH		
2015274960	Dow AgroSciences LLC		
2015277624	3M Innovative Properties Company		
2015286801	Borealis AG		
2015288257	Halliburton Energy Services, Inc.		
2015301386	Jiuquan OK Seed Machinery Co., Ltd.		
2015336250	Ab Initio Technology LLC		
2015349059	Flooring Technologies Ltd.		
2015358289	MyFiziq Limited		
2015362090	Airway Medical Innovations Pty Ltd		
2015376273	CEVEC Pharmaceuticals GmbH		
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2013219185	<b>A01N 53 /-</b>	2012389310	<b>A61B 6 /-</b>	2013315017	2013322897
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2015301386	2015264306	2014275264	2016204644	2014204633	<b>A61K 51 /-</b>
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2015301386	<b>A01P 13 /-</b>	2012284427	2013340402	2014214737	<b>A61K 8 /-</b>
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2015201299	<b>A01P 7 /-</b>	2015223280	2012282660	2014232153	2013218287
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2014290513	2014267411	2012200725	2013302292	2015213397	2012286857
<b>A01N 25 /-</b>	<b>A23F 3 /-</b>	2012354228	2017203328	2015213400	2012326383
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2013359373	<b>A23F 5 /-</b>	2013205937	2011377572	2015218433	2012352167
2013363694	2013351109	<b>A47L 9 /-</b>	2013360295	2015255202	2012388441
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2015271938	<b>A23G 9 /-</b>	<b>A61B 1 /-</b>	2012347624	2016200953	2013248685
<b>A01N 35 /-</b>	2014327630	2015362090	<b>A61J 1 /-</b>	2016228191	2013266238
2014243199	<b>A23L 13 /-</b>	<b>A61B 17 /-</b>	2012286857	2016273899	2013322897
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2013346978	<b>A23L 17 /-</b>	2012312742	<b>A61K 101 /-</b>	2013224043	2014296314
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2014243199	2013356991	2015215939	2012323711	2012282660	2014241965
2014268530	<b>A23L 27 /-</b>	2015215939	2013234496	2012282660	2014326370
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2014322400	<b>C01B 17 /-</b>	2012345863	<b>C07F 7 /-</b>	2015255918	2013295146
<b>B65B 67 /-</b>	2014222437	2013261719	2014298632	<b>C08J 5 /-</b>	<b>C11D 13 /-</b>
2014287919	<b>C01G 3 /-</b>	2013331496	<b>C07F 9 /-</b>	2013370663	2013282957
<b>B65D 43 /-</b>	2016205042	2013344604	2012345863	2015286801	<b>C11D 3 /-</b>
2014326474	<b>C02F 1 /-</b>	2014207716	<b>C07H 1 /-</b>	<b>C08K 3 /-</b>	2016200189
<b>B65D 81 /-</b>	2013207086	2014231863	<b>C07H 13 /-</b>	2015255918	<b>C11D 9 /-</b>
2012286857	2014214056	2015215335	<b>C07H 13 /-</b>	2015286801	2013282957
<b>B65D 83 /-</b>	2014308982	<b>C07D 403 /-</b>	<b>C07H 15 /-</b>	<b>C08L 23 /-</b>	<b>C12M 1 /-</b>
2014285088	<b>C03C 17 /-</b>	2013261719	<b>C07H 15 /-</b>	<b>C08L 33 /-</b>	2016201550
<b>B65D 85 /-</b>	2013215079	2015215335	2012273838	2014326370	<b>C12N 15 /-</b>
2014210712	<b>C04B 35 /-</b>	<b>C07D 407 /-</b>	<b>C07H 17 /-</b>	<b>C08L 5 /-</b>	2012267472
2014217787	2014288960	2012345863	<b>C07H 17 /-</b>	2013370663	2012296588
<b>B65D 90 /-</b>	<b>C04B 38 /-</b>	2013275197	2011323455	<b>C09D 1 /-</b>	2013237900
2015205768	2014288960	2013331496	<b>C07H 21 /-</b>	2014284836	2016202091
2015253838	<b>C04B 7 /-</b>	<b>C07D 413 /-</b>	2014284836	2013346860	2016203106
<b>B65F 1 /-</b>	2014258396	2012345863	2016202091	<b>C09D 11 /-</b>	2016203516
2014287919	<b>C05G 3 /-</b>	2013261719	<b>C07H 3 /-</b>	2014223461	<b>C12N 5 /-</b>
<b>B65G 17 /-</b>	2013363694	2013331496	2014350912	<b>C09D 163 /-</b>	2012294342
2013379719	<b>C06B 43 /-</b>	<b>C07D 417 /-</b>	<b>C07K 14 /-</b>	2015255918	<b>C12N 9 /-</b>
<b>B65G 29 /-</b>	2012286593	2012345863	2012323711	<b>C09D 5 /-</b>	2013329464
2013379719	<b>C07C 233 /-</b>	2013331496	2013237900	2015376273	2015376273
<b>B65G 47 /-</b>	2015274960	<b>C07D 471 /-</b>	2013265400	2013346860	<b>C12P 13 /-</b>
2013379719	<b>C07C 251 /-</b>	2014204633	2013329464	2014254442	2015230807
<b>B65H 75 /-</b>	2015274960	2014214737	2013369626	2015255918	<b>C12P 21 /-</b>
2014414325	<b>C07C 275 /-</b>	<b>C07D 487 /-</b>	<b>C07K 16 /-</b>	<b>C09J 175 /-</b>	2015249034
<b>B66B 1 /-</b>	2012336013	2011323418	2012271845	2014298632	2015249034
2012323116	<b>C07D 211 /-</b>	2011323455	2015202353	<b>C09K 8 /-</b>	<b>C12P 7 /-</b>
<b>B66B 13 /-</b>	2012345863	2012350146	<b>C07K 17 /-</b>	2014315691	2016203106
		2013334138	2011338615	2014382643	<b>C12Q 1 /-</b>
		2014204633	<b>C07K 19 /-</b>	2014396819	2011323418
		2015259403	2012296588	<b>C10G 11 /-</b>	2011323455
			<b>C08B 37 /-</b>	2013222315	2012349841
					2014205038
			2013370663		

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2013243635 2017200661	2014222492	2012246077 2013366148 2014400807	2015251069	2011372437 2013337884	2013356152
<b><u>C21D 1 /-</u></b>	<b><u>E01B 5 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F01D 5 /-</u></b>	<b><u>F16H 57 /-</u></b>	<b><u>F24H 3 /-</u></b>
2015244882	2012306127 2015244882	2014352709 2014400807	2014228703	2013337884	2014278848
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2015244882	2012306127	2011298718 2013205524 2015288257	2016200912	2016201204	2013265463 2015232241
<b><u>C22C 38 /-</u></b>	<b><u>E02D 13 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F02C 9 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>F25B 41 /-</u></b>
2013243635	2014222598	2013205524	2014210567	2013232843	2011378695 2012215130
<b><u>C23C 14 /-</u></b>	<b><u>E02D 23 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F02M 61 /-</u></b>	<b><u>F16L 11 /-</u></b>	<b><u>F25B 47 /-</u></b>
2013215079	2012313196	2013205524	2013293362	2013232843	2012215130
<b><u>C23C 18 /-</u></b>	<b><u>E02D 25 /-</u></b>	<b><u>E21B 31 /-</u></b>	<b><u>F02M 63 /-</u></b>	<b><u>F16L 13 /-</u></b>	<b><u>F25B 49 /-</u></b>
2013246985 2013346860	2012313196	2014374420	2013293362	2015261599	2011378695
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<b><u>C23C 28 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E21B 4 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F26B 3 /-</u></b>
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<b><u>C25B 1 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F04D 1 /-</u></b>	<b><u>F16L 49 /-</u></b>	<b><u>F27D 3 /-</u></b>
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2013262727	2012216408	2013266971	2015277624	2013345044	2013270937
<b><u>D06F 35 /-</u></b>	<b><u>E04C 3 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F16C 1 /-</u></b>	<b><u>F21W 131 /-</u></b>	<b><u>F28F 13 /-</u></b>
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<b><u>D06G 1 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F16C 33 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>F28F 9 /-</u></b>
2014223461	2014244151	2014352709	2012306127	2013258337	2013270937
<b><u>D06M 16 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>E21D 21 /-</u></b>	<b><u>F16D 41 /-</u></b>	<b><u>F23L 7 /-</u></b>	<b><u>G01B 11 /-</u></b>
2016200189	2012241136 2014253429	2013266971	2011372437	2013295144 2013295146 2016200912	2014254219
<b><u>D21C 1 /-</u></b>	<b><u>E04H 1 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F16D 55 /-</u></b>	<b><u>F23M 5 /-</u></b>	<b><u>G01C 21 /-</u></b>
2014222492	2016203512	2014201762	2015239082	2016200912	2013360865
<b><u>D21C 11 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>E21D 21 /-</u></b>	<b><u>F16D 63 /-</u></b>	<b><u>F24F 3 /-</u></b>	<b><u>G01N 1 /-</u></b>
2014222492	2013265463	2013357138	2015239082	2014240001	2013284425

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2015261699		<b><u>G06Q 50 /-</u></b>	<b><u>H01L 31 /-</u></b>	2012238883	2015244882
<b><u>G01N 21 /-</u></b>	<b><u>G06F 11 /-</u></b>	2013292585	2013265463	2012238884	<b><u>H05K 7 /-</u></b>
2013381730	2012238883	2015217579	2013295566	2013406576	
2013400174	2012238884	2016202863	2013362923	2014275486	
2014278444	2014376751	2016203193	2013365633		2013356152
	2014399227	2016203560	2014200359	<b><u>H04L 27 /-</u></b>	
<b><u>G01N 23 /-</u></b>	2015233419		2015271914	2016204884	
	2015336250	<b><u>G06Q 90 /-</u></b>	<b><u>H01L 39 /-</u></b>		
2013282289	<b><u>G06F 13 /-</u></b>	2016202863	2014285178	<b><u>H04L 29 /-</u></b>	
<b><u>G01N 30 /-</u></b>	2012238883	<b><u>G06Q 99 /-</u></b>	<b><u>H01L 51 /-</u></b>	2016266750	
2013377842	2012238884	2012265618	2013365633	<b><u>H04N 13 /-</u></b>	
	2014240001			2013361148	
<b><u>G01N 33 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>H01M 10 /-</u></b>	2014254219	
2010336016	2012316227	2012316227	2013326877	<b><u>H04N 19 /-</u></b>	
2014232153	2014357376	<b><u>G06T 17 /-</u></b>	2014244162	2013321333	
2015200060		2013406198	2016222395	2015261728	
<b><u>G01N 35 /-</u></b>	<b><u>G06F 17 /-</u></b>	2015210609	<b><u>H02B 13 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2015261699	2012265618		2014202307	2014344107	
	2012316227	<b><u>G06T 7 /-</u></b>	<b><u>H02G 11 /-</u></b>	<b><u>H04N 5 /-</u></b>	
<b><u>G01N 7 /-</u></b>	2013292585	2014254219	2015251069	2013295566	
2014377273	2014309122	<b><u>G08B 25 /-</u></b>	<b><u>H02J 1 /-</u></b>	2014314567	
	2014353513	2016202863	2013271614	<b><u>H04S 3 /-</u></b>	
<b><u>G01R 31 /-</u></b>	<b><u>G06F 19 /-</u></b>	<b><u>G09B 9 /-</u></b>	<b><u>H02J 3 /-</u></b>	2012278094	
2015381975	2013400128	2015230694	2012374044	<b><u>H04W 12 /-</u></b>	
<b><u>G01S 17 /-</u></b>	2015358289	<b><u>G09G 5 /-</u></b>	<b><u>H02J 7 /-</u></b>	2016266750	
2013350916	<b><u>G06F 21 /-</u></b>	2016201193	2016222395	<b><u>H04W 16 /-</u></b>	
<b><u>G01V 1 /-</u></b>	2016203880	<b><u>G10L 15 /-</u></b>	<b><u>H02K 1 /-</u></b>	2014263975	
2014396230	2016266750	2012265618	2015232870	<b><u>H04W 36 /-</u></b>	
<b><u>G02B 1 /-</u></b>	<b><u>G06F 3 /-</u></b>	2015271922	<b><u>H02K 15 /-</u></b>	2014285083	
2013215079	2016201193	<b><u>G10L 19 /-</u></b>	2015232870	<b><u>H04W 4 /-</u></b>	
<b><u>G02B 27 /-</u></b>	2012278880	2014295282	<b><u>H02M 1 /-</u></b>	2013219155	
2013350916	<b><u>G06F 9 /-</u></b>	<b><u>G10L 21 /-</u></b>	2014200081	2013235428	
2013361148	2015210609	2012278094	<b><u>H02M 3 /-</u></b>	2014204428	
2016238871	2015336250	2014295282	2014200081	<b><u>H04W 52 /-</u></b>	
<b><u>G02B 5 /-</u></b>	<b><u>G06G 7 /-</u></b>	<b><u>H01B 12 /-</u></b>	2014200081	2013409321	
2013345044	2015210609	2014285178	<b><u>H02M 9 /-</u></b>	<b><u>H04W 72 /-</u></b>	
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<b><u>G03G 9 /-</u></b>	2012318522	2016222395	<b><u>H04B 1 /-</u></b>	<b><u>H04W 76 /-</u></b>	
2014215195	2013360865	<b><u>H01G 9 /-</u></b>	2013363405	2014285083	
<b><u>G05B 19 /-</u></b>	<b><u>G06N 5 /-</u></b>	2014244162	<b><u>H04B 10 /-</u></b>	<b><u>H04W 88 /-</u></b>	
2014224076	2012265618	<b><u>H01L 21 /-</u></b>	2014275486	2014204428	
2015301386	<b><u>G06Q 10 /-</u></b>	2015213350	<b><u>H04B 3 /-</u></b>	<b><u>H05B 37 /-</u></b>	
<b><u>G05D 23 /-</u></b>	2017203612	<b><u>H01L 29 /-</u></b>	2013401044	2013271614	
2014240001	<b><u>G06Q 30 /-</u></b>				
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (54) Message user interfaces for captured and transmittal of media and location  
 (51) Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**G06F 3/01** ( 2006.01 )  
 (45) 27.07.2017  
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 (72) YANG, Lawrence Y.; GARCIA, Roberto; WOOD, Justin; MACOMBER, Kyle S.; MORALES VIVO, Oscar  
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 (51) Int. Cl.  
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 (72) DASCOLA, Jonathan R.; FOSS, Christopher P.; DELLINGER, Richard R.  
 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.  
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 (72) Jolic, Karlo Ivan; Stevens, Ben Paul; Power, Gary Fairless  
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**A01K 7/06** ( 2006.01 )  
**A01K 5/01** ( 2006.01 )  
**A01K 5/02** ( 2006.01 )  
**A01K 7/02** ( 2006.01 )  
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 (72) KAURA, Lakshya Pawan Shyam  
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 (54) Automatic braking system  
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 (72) Lowe, Thomas Jeffrey  
 (74) Davies Collison Cave Pty Ltd

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**E21D 15/02** ( 2006.01 )  
**E04G 25/02** ( 2006.01 )  
 (45) 27.07.2017  
 (72) Huntly, Myles; Bedford, Ken; Pain, Stephen  
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-B-2015101880  
 (21) 2015101880 (22) 30.10.2015  
 (54) WORKING PLATFORM  
 (51) Int. Cl.  
**E04G 3/22** ( 2006.01 )  
 (31) 2014904999 (32) 10.12.14 (33) AU  
 (45) 27.07.2017  
 (72) MCDONALD, Bradley Scott; BORS-BOOM, Laurentius; HUYNH, Van Hao  
 (74) WRAYS PTY LTD

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**C22B 60/02** ( 2006.01 )  
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 (72) HILL, Murray Philip  
 (74) Allens Patent & Trade Mark Attorneys

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**E04H 9/14** ( 2006.01 )  
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 (72) Westenberg, Gerry  
 (74) Gerry Westenberg

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2017100534

**G06Q 10 /-**

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**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2016203370 **De La Rue International Limited ( CCL Secure Pty Ltd )**

**Patents Granted**

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 2011323987 2011325833 2011326348 2011327877  
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**Patents Granted**

**Standard Patents**

2013312689 2013315429 2013315520 2013316601  
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 2017200979 2017200980 2017201168

**Patents Granted**

**Innovation Patents**

			2017100402
2017100609	2017100673	2017100689	2017100691
2017100708	2017100758	2017100761	2017100762
2017100773	2017100779	2017100791	2017100797
2017100798	2017100802	2017100803	2017100808
2017100809	2017100810	2017100811	2017100820
2017100823	2017100824	2017100826	2017100831
2017100833	2017100834	2017100837	2017100838
2017100842	2017100843	2017100844	2017100845
2017100846	2017100848	2017100849	2017100850
2017100851	2017100852	2017100853	2017100854
2017100855	2017100856	2017100857	2017100858
2017100859	2017100860	2017100861	2017100862
2017100863	2017100867	2017100868	2017100870
2017100871	2017100872	2017100873	2017100877
2017100879	2017100887	2017100888	2017100890
2017100891	2017100919		

**Revocation**

It is hereby notified that the offer by the Patentee **Piggott, A.** to surrender Patent 2009243935 which was advertised in the Official Journal of 08.06.2017 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

- 2002214004 UBS AG The patent has been assigned to **UBS Business Solutions AG**
- 2003205020 Cypro-ssage Pty Ltd The patent has been assigned to **Niagara Australia Pty Ltd**
- 2004234472 Novozymes A/S; Chr. Hansen A/S The patent has been assigned to **Novozymes A/S**
- 2004269786 9118-4192 Quebec Inc. The patent has been assigned to **9354-7453 Quebec Inc.**
- 2005203826 Clasen, Stephan; Kayser, Martin The patent has been assigned to **Cleverdent Ltd.**
- 2005322468 Dharmacon, Inc. The patent has been assigned to **GE Healthcare Dharmacon, Inc.**
- 2006279264 Chalker, Greg; Snowdon, Barry The patent has been assigned to **Staar Board Holdings Pty Ltd**
- 2007225879 Panasonic Corporation The patent has been assigned to **III Holdings 12, LLC**
- 2007358700 Powershop New Zealand Limited The patent has been assigned to **Flux Federation Limited**
- 2008229571 Cypro-Ssage Pty Ltd The patent has been assigned to **Niagara Australia Pty Ltd**
- 2008327704 Forensic Science Service Limited The patent has been assigned to **LGC Limited**
- 2009101373 Freedom Screens of Australia Pty Ltd The patent has been assigned to **INFINITY RETRACTABLE SCREENS PTY LTD**
- 2009296526 STRAUS HOLDINGS INC. The patent has been assigned to **First Light Biosciences, Inc.**
- 2009296662 STRAUS HOLDINGS INC. The patent has been assigned to **First Light Biosciences, Inc.**

**Assignments Registered**

- 2009317576 Eureka Navigation Solutions AG The patent has been assigned to **ASTO Telematics GmbH**
- 2009330203 Allergan, Inc. The patent has been assigned to **Serenity Pharmaceuticals LLC**
- 2010101509 Freedom Screens of Australia Pty Ltd The patent has been assigned to **INFINITY RETRACTABLE SCREENS PTY LTD**
- 2010260211 Allergan, Inc. The patent has been assigned to **Serenity Pharmaceuticals LLC**
- 2010265954 SimpliVity Corporation The patent has been assigned to **Hewlett Packard Enterprise Development LP**
- 2010265984 SimpliVity Corporation The patent has been assigned to **Hewlett Packard Enterprise Development LP**
- 2010305321 Levin, David; Goldberg, Paul The patent has been assigned to **Goldberg, Paul; Levin, Nadine**
- 2011202622 Panasonic Corporation The patent has been assigned to **III Holdings 12, LLC**
- 2011205190 Forensic Science Service Ltd. The patent has been assigned to **LGC Limited**
- 2011247874 Panasonic Corporation The patent has been assigned to **III Holdings 12, LLC**
- 2011293429 American Bright Lighting, Inc. The patent has been assigned to **ELEMEDIA TECH OF AMERICA, LLC**
- 2011343712 F. Hoffman-La Roche AG The patent has been assigned to **Genentech, Inc.**
- 2012101911 FREEDOM SCREENS OF AUSTRALIA PTY LTD The patent has been assigned to **INFINITY RETRACTABLE SCREENS PTY LTD**
- 2012200397 SLEEGERS Engineered Products, Inc. The patent has been assigned to **10021474 Canada Inc**
- 2012204096 Vinturi, Inc. The patent has been assigned to **Greenfield World Trade, Inc.**
- 2012256137 SimpliVity Corporation The patent has been assigned to **Hewlett Packard Enterprise Development LP**
- 2012273295 SimpliVity Corporation The patent has been assigned to **Hewlett Packard Enterprise Development LP**
- 2012279332 Gilead Sciences, Inc. The patent has been assigned to **Amygdala Neurosciences, Inc.**
- 2012289096 Guirec, Daniel The patent has been assigned to **TRINGABOAT**
- 2013222325 SimpliVity Corporation The patent has been assigned to **Hewlett Packard Enterprise Development LP**
- 2013232053 Polaris Industries Inc. The patent has been assigned to **Bridgestone Americas Tire Operations, LLC**
- 2014212853 Halliburton Energy Services, Inc. The patent has been assigned to **Halliburton Energy Services, Inc.; PETRÓLEO BRASILEIRO S.A. – PETROBRAS**
- 2014280919 Eureka Navigation Solutions AG The patent has been assigned to **ASTO Telematics GmbH**
- 2015202264 Gilead Sciences, Inc. The patent has been assigned to **Amygdala Neurosciences, Inc.**

**Assignments Registered**

2016101247 KREUZER, Markus; SCHWAB, Christian The patent has been assigned to **Carbon System Verwaltungs GmbH**

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

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

2006263623 Advanced Plasma Power Limited ( Plasma Green Energy LLP )

2013295370 Assistance Publique - Hopitaux de Paris ( MedDay )

2013315132 Transitions Optical, Inc. ( Transitions Optical Limited )

**Corrigenda**

In Vol 27 , No 41 , Page(s) 5976 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The University Court of the University of Edinburgh, Application No. 2012238478, under INID (72) correct the co-inventor to Avlonitis, Nikolaos

In Vol 28 , No 8 , Page(s) 1101 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Alan Kleinfeld, Application No. 2012300319, under INID (71) correct the application name to Alan Marc Kleinfeld

In Vol 29 , No 21 , Page(s) 3141 under the heading **Amendments - Amendments Made** Under the name Alan Kleinfeld, Application No. 2012300319, under INID (71) correct the application name to Alan Marc Kleinfeld

In Vol 29 , No 39 , Page(s) 5928 under the heading **Applications OPI - Name Index** Under the name Excelsior Pharmatech Labs.; Cheong-Hui Tai, Application No. 2014386718, under INID (71) correct the applicant name to Kaohsiung Chang Gung Memorial Hospital; China Medical University

In Vol 29 , No 39 , Page(s) 5959 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Excelsior Pharmatech Labs.; Cheong-Hui Tai, Application No. 2014386718, under INID (71) correct the applicant name to Kaohsiung Chang Gung Memorial Hospital; China Medical University

In Vol 31 , No 25 , Page(s) 3817 under the heading **Applications Accepted - Name Index** Under the name The University Court of the University of Edinburgh, Application No. 2012238478, under INID (72) correct the co-inventor to Avlonitis, Nikolaos

In Vol 31 , No 27 , Page(s) 4104 under the heading **Applications Accepted - Name Index** Under the name Alan Kleinfeld, Application No. 2012300319, under INID (71) correct the application name to Alan Marc Kleinfeld

In Vol 31 , No 28 , Page(s) 4164 under the heading **Amendments - Application for Amendments** Under the name Plant Tape USA, Inc. and Plant Tape Altea S.L., Application No. 2014250663 correct the date of the statements filed to read 15 Jun and 30 June 2017

In Vol 31 , No 28 , Page(s) 4217 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name New Mexico Tech Research Foundation, Igor Magedov, Snezna Rogelj, Liliya V. Frolova, Alexander Kornienko, Alexander V.. Kornienko, Application No. 2015374367, under INID (71) correct the co-applicant name to Alexander V. Kornienko

**Corrigenda**

In Vol 31 , No 28 , Page(s) 4248 under the heading **Applications Accepted - Name Index** Under the name Excelsior Pharmatech Labs.; Cheong-Hui Tai, Application No. 2014386718, under INID (71) correct the applicant name to Kaohsiung Chang Gung Memorial Hospital; China Medical University

**Specifications Republished**

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

- |            |                                                |
|------------|------------------------------------------------|
| 1999054413 | <b>Electronic Tax-Free Shopping Limited</b>    |
| 2012257578 | <b>Ipsen Bioinnovation Limited</b>             |
| 2012332517 | <b>Quark Pharmaceuticals, Inc.</b>             |
| 2014235433 | <b>Amazon Technologies, Inc.</b>               |
| 2014245831 | <b>Keech Castings Australia Pty Limited</b>    |
| 2014265792 | <b>Owens-Brockway Glass Container Inc.</b>     |
| 2015202111 | <b>Pacific Biosciences of California, Inc.</b> |
| 2015305271 | <b>Perfect Day, Inc.</b>                       |
| 2015330750 | <b>Memorial Sloan Kettering Cancer Center</b>  |
| 2016203743 | <b>Facebook, Inc.</b>                          |