



**Australian Government**

**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).

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID 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 Provisional application <u>number</u>	(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 No.</u>	<u>ITEM</u>	<u>INID 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 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 April 2017**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Woodside Energy Limited v Richard John Moore [2017] APO 17***

Patent Application: 2012253231 & 2012253232

Title: Offshore hydrocarbon cooling system (2012253231)  
Subsea cooling system (2012253232)

Patent Applicant: Richard John Moore

Opponent: Woodside Energy Limited

Delegate: Isaac Tan

Decision Date: 18 April 2017

Hearing Date: Written Submissions filed 15 March 2017 & 22 March 2017

Catchwords: **PATENTS** – Amendments to the Statement of Grounds and Particulars under Regulation 5.16 - no error or omission identified – amendment refused – costs awarded against the opponent.

Representation: Applicant: FB Rice

Opponent: Corrs Chambers Westgarth

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

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Fonterra Co-operative Group Limited v Nestec S.A. [2017] APO 18***

Patent Application: 2012203568

Title: Oligosaccharide mixture

Patent Applicant: Nestec S.A.

Opponent: Fonterra Co-operative Group Limited

Delegate: Dr Leslie F. McCaffery, Deputy Commissioner of Patents

Decision Date: 18 April 2017

Hearing Date: 31 January 2017, in Sydney

Catchwords: **PATENTS** - section 59 – opposition to the grant of a patent – grounds of clarity, full description, fair basis, novelty, inventive step – section 40 – claim 8 found to lack clarity and fair basis – claim 1 clear and fairly based – the invention is fully described – novelty – citations do not disclose all the features of the claims – inventive step – lack of inventive step not established – amendment of the statement of grounds and particulars – relevant considerations of the prospect of undue prejudice, timing and reasonableness of the request, and the public interest weighs against the request – request for amendment of the statement of grounds and particulars refused – costs awarded – applicant provided 2 months from the date of the decision to propose suitable amendments to address the issues identified in claim 8.

Representation: Counsel for the applicant: Mr Patrick Flynn  
Patent attorneys for the applicant: Mr Paul Harrison and Ms Katrina Crooks of Shelston IP  
Counsel for the opponent: Mr Andrew Fox  
Patent attorneys for the opponent: Mr Denis Tuffery and Ms Helen Bellchambers of AJ Park

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## Proceedings under the Patents Act 1990

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### Provisional Applications Filed

#### Name Index

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

(71) AirRat Pty Ltd (21) 2017901361      (22) 13.04.2017 (54) Sludge harvester improvements	(71) Bulk Solutions Pty Ltd (21) 2017901328      (22) 11.04.2017 (54) A SUSPENSION AND MOTIVATION METHOD FOR ENCLOSED BELT CONVEYORS	(71) Elevation Industries Pty. Ltd. (21) 2017901364      (22) 13.04.2017 (54) Portable Computer Transport Case with Adjustable Ergonomic Stand
(71) AirRat Pty Ltd (21) 2017901363      (22) 13.04.2017 (54) Solids removal method and apparatus	(71) Colquhoun, A. (21) 2017901342      (22) 12.04.2017 (54) Leg assembly for a table	(71) Enwia, M.; Tower, M. (21) 2017901340      (22) 12.04.2017 (54) A Digital Receipt Saver
AITCHISON, L. see RAFFERTY, J. (21) 2017901381	(71) CRC for Mental Health Ltd (21) 2017901367      (22) 13.04.2017 (54) SYSTEM AND METHOD FOR DETERMINING A REFERENCE REGION FOR MEASUREMENT NORMALIZATION WITHIN A REGION OF A BODY OF A SUBJECT	Flinders University of South Australia see University of South Australia (21) 2017901350
(71) Antisense Therapeutics Ltd (21) 2017901380      (22) 13.04.2017 (54) Therapeutic uses and methods	(71) DAVALLIA CORPORATION PTY LTD (21) 2017901386      (22) 15.04.2017 (54) Gutter Overflow Device	Flinders University of South Australia see University of South Australia (21) 2017901351
(71) ASHFORD, B. (21) 2017901325      (22) 11.04.2017 (54) A TOURNIQUET AND GARMENT INCORPORATING A TOURNIQUET	(71) DEKUNU TECHNOLOGIES PTY. LTD. (21) 2017901326      (22) 11.04.2017 (54) Intelligent Multi-Functional Wearable Analytics Device and Software for Parachuting	(71) FLW Innovation Pty Ltd (21) 2017901374      (22) 13.04.2017 (54) TOURNIQUET ASSEMBLY AND A WETSUIT IN COMBINATION WITH A TOURNIQUET ASSEMBLY
(71) Beck, N. (21) 2017901368      (22) 13.04.2017 (54) The Dr Common Sense Powder Medicine Dispenser	(71) Delta Hydraulics Pty. Ltd. (21) 2017901353      (22) 12.04.2017 (54) Adjustable Barrier	(71) Galvin Engineering Pty Ltd (21) 2017901355      (22) 12.04.2017 (54) A SHOWER HEAD ASSEMBLY
(71) Blaq Wolf Holdings Pty Ltd (21) 2017901384      (22) 13.04.2017 (54) LOCATABLE DEVICE AND LOCATING SYSTEM AND METHOD	(71) Dinh, V. (21) 2017901347      (22) 12.04.2017 (54) Maneuvering rolls of material	(71) Gardner, A. (21) 2017901344      (22) 12.04.2017 (54) Insulation batts.
(71) Break O'Day Concepts Pty Ltd (21) 2017901391      (22) 17.04.2017 (54) DRIVE SYSTEM FOR ALL TERRAIN VEHICLE	(71) Dukesea Pty. Limited (21) 2017901356      (22) 12.04.2017 (54) Improved Lighting Assembly	(71) Goodcart Pty Ltd (21) 2017901365      (22) 13.04.2017 (54) Convertible storage device
(71) Brenton, M. (21) 2017901388      (22) 15.04.2017 (54) The Adjustable Wall Clip		(71) Grierson, R. (21) 2017901392      (22) 17.04.2017 (54) Grave restoration and flower placement

## Provisional Applications Filed - Name Index cont'd

(71) Hamilton, C.  
 (21) 2017901338 (22) 12.04.2017  
 (54) Garment with Pocket

(71) Henry, C.  
 (21) 2017901334 (22) 12.04.2017  
 (54) Digital Receipt and Product Information Wireless Delivery System.

**Horticulture Innovation Australia Limited**  
 see University of South Australia  
 (21) 2017901322

(71) Illinois Tool Works Inc.  
 (21) 2017901382 (22) 13.04.2017  
 (54) Method of constructing a truss assembly and supplementary truss for use in a truss assembly for building construction

(71) International Bio Group Pty Ltd  
 (21) 2017901394 (22) 17.04.2017  
 (54) Inflation Assembly

(71) IPHK Pty Ltd  
 (21) 2017901362 (22) 13.04.2017  
 (54) A SCREW PILE

(71) Iridium Dynamics Pty Ltd  
 (21) 2017901376 (22) 13.04.2017  
 (54) DUAL FLIGHT MODE AIRCRAFT

(71) J.C DE VRIES & A.P MOLNAR  
 (21) 2017901339 (22) 12.04.2017  
 (54) Collapsible tool/site box that can be transported in a normal passenger vehicle. The box when collapsed doubles as a tool trolley for the transportation of tools and equipment over rough ground to the work zone. The box is lockable and lightweight and comes in sizes that suit average sized vehicle boots or trays.

(71) Jarvis, M.  
 (21) 2017901332 (22) 12.04.2017  
 (54) Equine (Large Animal) Floatation Device

(71) JENSEN YOUNG PTY LIMITED  
 (21) 2017901385 (22) 14.04.2017  
 (54) IMPROVED MODULAR TENSIONED MEMBRANE WALL

(71) Jordan, J.  
 (21) 2017901383 (22) 13.04.2017  
 (54) Metal Cavity Column Walls

(71) Kirke, B.  
 (21) 2017901389 (22) 16.04.2017  
 (54) Wave trap

(71) Kumar, N.  
 (21) 2017901395 (22) 17.04.2017  
 (54) Authentication System using secure, encrypted and dynamic authentication mechanism with variant authentication vectors to provide secure authentication of user, Internet connected device or IoT Device.

(71) Latin, M.  
 (21) 2017901343 (22) 12.04.2017  
 (54) Low Clearance In-Vehicle Warning Alert System The objectives of invention is to detect an over height vehicle on a road approaching a low clearance structure, if oversize, send a signal which is detected by a receiver in the cabin of a vehicle that triggers a display & audio warning advising the driver of the hazard ahead. The driver can then disable the device until a retrigger is received. The transmission signal can be sent from a clearance analysis system directly to a receiver that triggers the audio /visual alert within the vehicle approaching the bridge, overpass or tunnel.

(71) La Trobe University  
 (21) 2017901335 (22) 12.04.2017  
 (54) SUBSTITUTED SULFONYL HYDRAZIDES AS INHIBITORS OF LYSINE BIOSYNTHESIS VIA THE DIAMINOPIMELATE PATHWAY

(71) La Trobe University  
 (21) 2017901336 (22) 12.04.2017  
 (54) HETEROCYCLIC INHIBITORS OF LYSINE BIOSYNTHESIS VIA THE DIAMINOPIMELATE PATHWAY

(71) Madikian, S.  
 (21) 2017901331 (22) 12.04.2017  
 (54) A protective casing for a mascara wand

(71) Mattec Pty Ltd  
 (21) 2017901346 (22) 12.04.2017  
 (54) Process and product

(71) McDonald, I.; Vazquez, M.  
 (21) 2017901329 (22) 12.04.2017  
 (54) A pool safety monitoring system

(71) Meder, J.  
 (21) 2017901282 (22) 07.04.2017  
 (54) A fixed or removable extension roof rack system for an automobile.

(71) Modular Construction Consultants (Australia) Pty Ltd  
 (21) 2017901396 (22) 18.04.2017  
 (54) Laminated Panel System

(71) Monash University  
 (21) 2017901379 (22) 13.04.2017  
 (54) Desulfurisation of polymers

(71) Moore-Gilbert, L.  
 (21) 2017901349 (22) 12.04.2017  
 (54) Recessed built in light bar slots and hidden light bar fittings for Metal Bumper bars and Bullbars on vehicles

(71) NanoCellulose IP Pty Ltd  
 (21) 2017901393 (22) 17.04.2017  
 (54) METHOD FOR TREATMENT OF CELULOSE

(71) Oilpath Hydraulics Pty Ltd  
 (21) 2017901373 (22) 13.04.2017  
 (54) CHECK VALVE IMPROVEMENTS

(71) Pharmako Biotechnologies Pty Limited  
 (21) 2017901375 (22) 13.04.2017  
 (54) Cold-Water-Dispersible Chemical Delivery System

(71) Porcaro, S.  
 (21) 2017901330 (22) 12.04.2017  
 (54) A system and method for retail goods chain-of-custody verification

(71) RAFFERTY, J.; AITCHISON, L.  
 (21) 2017901381 (22) 13.04.2017  
 (54) IMPROVED GOLF TEE

(71) Rain Harvesting Pty Ltd  
 (21) 2017901345 (22) 12.04.2017  
 (54) A T-Piece For Use In A Water Diverter And Water Diverter Comprising The T-Piece

(71) Ramsey, S.  
 (21) 2017901354 (22) 12.04.2017  
 (54) carry-on plane luggage that converts into cajon snare drum

(71) Rawson, C.  
 (21) 2017901372 (22) 13.04.2017  
 (54) Aero-acoustic Materials Processing Plant with Noise Attenuation System

(71) ResMed Motor Technologies Inc.  
 (21) 2017901371 (22) 13.04.2017  
 (54) Blower with bearing tube

**Provisional Applications Filed - Name Index cont'd**

- (71) Saatchi & Saatchi Australia Pty Ltd  
(21) 2017901359 (22) 13.04.2017  
(54) GARMENT CONFIGURED TO ASSIST  
IN A MEDICAL EMERGENCY

**Schiller, E. see Schiller, D.**  
**(21) 2017901337**

- (71) Schiller, D.; Schiller, E.  
(21) 2017901337 (22) 12.04.2017  
(54) PLASTIC PANEL ASSEMBLY

- (71) Shahi, N.  
(21) 2017901390 (22) 17.04.2017  
(54) Homogenized Promotion

- (71) Shield, A.  
(21) 2017901341 (22) 12.04.2017  
(54) BIT POSITIONING APPARATUS FOR  
ACCURATE SHARPENING OF COUN-  
TERSINKS AND STEP DRILLS

- (71)** Sit Less Pty Ltd  
**(21)** 2017901377                   **(22)** 13.04.2017  
**(54)** STUDY DESK

- (71) SPORTS TECHNOLOGY SOLUTIONS  
PTY LTD  
(21) 2017901366      (22) 13.04.2017  
(54) A METHOD OF DETERMINING THE  
CONDITION OF A TURF SPORTING  
AREA

- (71) SRG IP Pty Ltd  
(21) 2017901348 (22) 12.04.2017  
(54) AUTOMATED ROCK FACE INSPECTION SYSTEM

- (71) Swinburne University of Technology  
(21) 2017901378 (22) 13.04.2017  
(54) METHOD AND SUBSTRATE FOR  
CELL RECOVERY

- (71)** Talkin Binz Pty Ltd  
**(21)** 2017901369      **(22)** 13.04.2017  
**(54)** Updatable monitoring attachment

- (71) TANG, (.  
(21) 2017901358 (22) 11.04.2017  
(54) RSC Me-VUP

- (71) Techtaalik IP Pty Ltd  
(21) 2017901324 (22) 11.04.2017  
(54) FISHING LURE HEAD

- (71) Terence Jets Pty Ltd  
(21) 2017901327 (22) 11.04.2017  
(54) Aircraft

- (71) Theodoma Limited  
(21) 2017901357      (22) 13.04.2017  
(54) THEODOMA CLEAN POWER GENERATOR & ENERGY SAVER

- (71) The Spacer Co Pty Ltd  
(21) 2017901360      (22) 13.04.2017  
(54) Process for producing concrete and  
product of the process

**Tower, M. see Enwia, M.**  
**(21) 2017901340**

- (71) UNDERWATER HYDRO CORPORATION PTY LTD  
(21) 2017901323 (22) 11.04.2017  
(54) Power Generation System

- (71) University of South Australia; Horticulture Innovation Australia Limited  
(21) 2017901322      (22) 11.04.2017  
(54) HULLING AND SHELLING IMPROVEMENTS

- (71)** University of South Australia; Flinders University of South Australia  
**(21)** 2017901350      **(22)** 12.04.2017  
**(54)** BLADDER CANCER DETECTION DEVICE AND METHOD



- (71) University of South Australia  
(21) 2017901352 (22) 12.04.2017  
(54) OXYGEN RELEASING SUBSTRATES  
AND COMPOSITIONS AND USES  
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- (71) VATER, L.  
(21) 2017901333      (22) 12.04.2017  
(54) A PALLET PICKING PLATFORM FOR  
A PICKER FORKLIFT

**Vazquez, M. see McDonald, I.**  
**(21) 2017901329**

- (71)** Williams, B.  
**(21)** 2017901387      **(22)** 15.04.2017  
**(54)** Personal Transport Vehicle

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2017901336	La Trobe University	
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2017901376	Iridium Dynamics Pty Ltd	
2017901377	Sit Less Pty Ltd	
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2017901379	Monash University	
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2017901381	RAFFERTY, J.; AITCHISON, L.	
2017901382	Illinois Tool Works Inc.	
2017901383	Jordan, J.	
2017901384	Blaq Wolf Holdings Pty Ltd	
2017901385	JENSEN YOUNG PTY LIMITED	
2017901386	DAVALLIA CORPORATION PTY LTD	

**Complete Applications Filed****Name Index**

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

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

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(71) Accenture Global Services Limited  
 (21) 2017202375      (22) 11.04.2017  
 (54) A ROBUST POSITION DETECTION,  
 CAUSE-AND-EFFECT AND RULE DE-  
 TERMINANTS TO GOVERN EXCESS-  
 IVE RISKS FOR GLOBAL REGULAT-  
 ORY COMPLIANCE  
 (62) 2015201754

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(71) Accenture Global Solutions Limited  
 (21) 2017202356      (22) 10.04.2017  
 (54) DISTRIBUTED HEALTHCARE RE-  
 CORDS MANAGEMENT  
 (31) 15/098,098      (32) 13.04.16 (33) US

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(71) ACTELION PHARMACEUTICALS LTD  
 (21) 2017202446      (22) 12.04.2017  
 (54) PROCESS FOR MANUFACTURING  
 PYRIMIDINE SULFAMIDE DERIVAT-  
 IVES  
 (62) 2015217000

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(71) Akebia Therapeutics Inc.  
 (21) 2017202414      (22) 12.04.2017  
 (54) PROCESS FOR PREPAR-  
 ING [(3-HYDROXYPYRID-  
 INE-2-CARBONYL)AMINO]ALKANOIC  
 ACIDS, ESTERS AND AMIDES  
 (62) 2012268426

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(71) Alexion Pharmaceuticals, Inc.  
 (21) 2017202426      (22) 12.04.2017  
 (54) Methods and compositions for treating  
 complement-associated disorders  
 (62) 2015227544

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(71) Anterios, Inc.  
 (21) 2017202420      (22) 12.04.2017  
 (54) Nanoparticle compositions  
 (62) 2012209339

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(71) Anterios, Inc.  
 (21) 2017202438      (22) 12.04.2017  
 (54) Nanoparticle compositions, formula-  
 tions thereof, and uses therefor  
 (62) 2012209274

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(71) Anterios, Inc.  
 (21) 2017202440      (22) 12.04.2017  
 (54) Nanoparticle compositions, formula-  
 tions thereof, and uses therefor  
 (62) 2012209274

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(71) Aquuto Corporation  
 (21) 2017202418      (22) 12.04.2017  
 (54) CHARGING AND BILLING FOR CON-  
 TENT, SERVICES, AND ACCESS  
 (62) 2013263030

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(71) Aratana Therapeutics NV  
 (21) 2017202421      (22) 12.04.2017  
 (54) Eye drop composition  
 (62) 2012366932

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(71) Aristocrat Technologies Australia Pty  
 Limited  
 (21) 2017202353      (22) 10.04.2017  
 (54) A Gaming System and a Method of  
 Gaming  
 (62) 2015202750

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(71) Aristocrat Technologies Australia Pty  
 Limited  
 (21) 2017202362      (22) 11.04.2017  
 (54) A METHOD OF GAMING, A GAMING  
 SYSTEM AND A GAME CONTROL-  
 LER  
 (62) 2015201000

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(71) Aristocrat Technologies Australia Pty  
 Limited  
 (21) 2017202366      (22) 11.04.2017  
 (54) A METHOD OF GAMING AND A GAM-  
 ING SYSTEM  
 (62) 2015203317

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(71) Aristocrat Technologies Australia Pty  
 Limited  
 (21) 2017202370      (22) 11.04.2017  
 (54) GAMING METHOD AND GAMING  
 SYSTEM  
 (62) 2015202644

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(71) Aristocrat Technologies Australia Pty  
 Limited  
 (21) 2017202371      (22) 11.04.2017  
 (54) A METHOD OF GAMING AND A GAM-  
 ING SYSTEM  
 (62) 2015201647

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(71) Bajwa, K.  
 (21) 2017202385      (22) 11.04.2017

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(54) IMPROVEMENTS IN OR RELATING  
 TO THE SUPPLY OF PILLOWS, AND  
 A DEVICE FOR USE THEREIN  
 (62) 2012216881

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(71) Bandit Industries, Inc.  
 (21) 2017202360      (22) 10.04.2017  
 (54) Safety device, backflow reduction  
 device, conformable wood processing  
 device, and methods thereof for a  
 waste processing  
 (62) 2012285828

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(71) Becton, Dickinson and Company  
 (21) 2017202409      (22) 12.04.2017  
 (54) Intravenous tubing set modified for in-  
 line catheter flushing  
 (62) 2014248282

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(71) BGC Partners, Inc.  
 (21) 2017202372      (22) 11.04.2017  
 (54) SYSTEM FOR MANAGING TRAD-  
 ING USING ALERT MESSAGES FOR  
 OUTLYING TRADING ORDERS  
 (62) 2015202638

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(71) Bioness Neuromodulation Ltd.  
 (21) 2017202373      (22) 11.04.2017  
 (54) GAIT MODULATION SYSTEM AND  
 METHOD  
 (62) 2013260668

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(71) Bose Corporation  
 (21) 2017202391      (22) 11.04.2017  
 (54) SEAT SYSTEM FOR A VEHICLE  
 (62) 2014257291

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(71) Brainscope Company, Inc.  
 (21) 2017202427      (22) 12.04.2017  
 (54) Electrode array and method of place-  
 ment  
 (62) 2014226506

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(71) Breezway Australia (Holdings) Pty Ltd  
 (21) 2017202404      (22) 11.04.2017  
 (54) A Twin Louvre Window Assembly for  
 Efficient Thermal Control  
 (31) 2016901343      (32) 11.04.16 (33) AU

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(71) BRISTOL-MYERS SQUIBB COM-  
 PANY; DOMANTIS LIMITED  
 (21) 2017202454      (22) 13.04.2017

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- (54) COMPOSITIONS MONOVALENT FOR CD28 BINDING AND METHODS OF USE  
 (21) 2015202447
- 
- (71) Cardiac Pacemakers, Inc.  
 (21) 2017202387 (22) 11.04.2017  
 (54) Implantable medical device and assembly thereof  
 (62) 2014228643
- 
- (71) Cardinal Health Switzerland 515 GmbH  
 (21) 2017202442 (22) 12.04.2017  
 (54) SYSTEM FOR RE-ENTERING A VESSEL LUMEN  
 (62) 2012275757
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- (71) Case Western Reserve University  
 (21) 2017202381 (22) 11.04.2017  
 (54) Therapy delivery devices and methods for non-damaging neural tissue conduction block  
 (62) 2013274091
- 
- (71) Caterpillar Inc.  
 (21) 2017202435 (22) 12.04.2017  
 (54) SYSTEM FOR CONTROLLING OPERATION OF A MACHINE  
 (31) 15/143,881 (32) 02.05.16 (33) US
- 
- (71) CHALMING CREATIONS PTY LTD  
 (21) 2017202337 (22) 09.04.2017  
 (54) Vehicle Awning Mounting System
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- (71) Chimerix Inc.  
 (21) 2017202386 (22) 11.04.2017  
 (54) Morphic Forms Of Hexadecyloxypropyl-Phosphonate Esters  
 (62) 2014349103
- 
- (71) Church & Dwight Co., Inc.  
 (21) 2017202377 (22) 11.04.2017  
 (54) Devices, methods, and test kits for electronic analyte assaying  
 (62) 2013222512
- 
- (71) DALIAN INO-TECH CO., LTD.  
 (21) 2017202430 (22) 12.04.2017  
 (54) An electrical protection device  
 (31) 201610231037.4 (32) 14.04.16 (33) CN
- 
- (71) DAVALLIA CORPORATION PTY LTD  
 (21) 2017202351 (22) 10.04.2017  
 (54) Gutter overflow protection
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- (71) Deere & Company  
 (21) 2017202408 (22) 11.04.2017  
 (54) System and method of material handling using one or more imaging devices on the transferring vehicle and on the receiving vehicle to control the materi-
- al distribution into the storage portion of the receiving vehicle  
 (62) 2013235751
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- (71) DekTek Pty Ltd  
 (21) 2017202416 (22) 12.04.2017  
 (54) A FLOORING BOARD SPACING ASSEMBLY
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- (71) Dematic Pty Ltd  
 (21) 2017202449 (22) 12.04.2017  
 (54) Bracket and installation tool for racking
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- (71) Discovery Life Limited  
 (21) 2017202447 (22) 10.04.2017  
 (54) System for managing retirement income and a method thereof  
 (62) 2011346703
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 (21) 2017202454
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- (71) DSM IP Assets B.V.  
 (21) 2017202378 (22) 11.04.2017  
 (54) Protein production in microorganisms of the phylum Labyrinthulomycota  
 (62) 2010225930
- 
- (71) DSM IP Assets B.V.  
 (21) 2017202390 (22) 11.04.2017  
 (54) DITERPENE PRODUCTION  
 (62) 2013211605
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- (71) DSM IP Assets B.V.  
 (21) 2017202422 (22) 12.04.2017  
 (54) EICOSAPENTAENOIC ACID-PRODUCING MICROORGANISMS, FATTY ACID COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF  
 (62) 2015221830
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- (71) Eisai R&D Management Co., Ltd  
 (21) 2017202365 (22) 11.04.2017  
 (54) ANTI-FOLATE RECEPTOR ALPHA ANTIBODIES AND USES THEREOF  
 (62) 2012284321
- 
- (71) Epoch Company, Ltd.  
 (21) 2017202380 (22) 11.04.2017  
 (54) Fusible toy bead scraper  
 (31) 2016-078681 (32) 11.04.16 (33) JP
- 
- (71) ETH Zurich  
 (21) 2017202419 (22) 12.04.2017  
 (54) Pharmaceutical compounds for use in the therapy of clostridium difficile infection  
 (62) 2012314932
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- (71) Firestone Building Products Co., LLC  
 (21) 2017202392 (22) 11.04.2017  
 (54) ASPHALTIC SHEET MATERIALS INCLUDING EXPANDABLE GRAPHITE  
 (62) 2013290057
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- (71) Genzyme Corporation  
 (21) 2017202364 (22) 11.04.2017  
 (54) Anti-human CD52 immunoglobulins  
 (62) 2015207936
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- (71) G Fleet Holdings Pty Ltd  
 (21) 2017202395 (22) 11.04.2017  
 (54) Height Limiter
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- (71) Gilead Sciences, Inc.  
 (21) 2017202413 (22) 12.04.2017  
 (54) Carba-nucleoside analogs for antiviral treatment  
 (62) 2015238785
- 
- (71) GLASS VICE HOLDINGS LIMITED  
 (21) 2017202400 (22) 11.04.2017  
 (54) A TIMBER CONNECTOR AND RELATED METHODS  
 (31) 718944 (32) 11.04.16 (33) NZ
- 
- (71) Graham Packaging Company, L.P.  
 (21) 2017202410 (22) 12.04.2017  
 (54) PLASTIC AEROSOL CONTAINER  
 (62) 2011360169
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- (71) GWT Group Pty Ltd  
 (21) 2017202412 (22) 12.04.2017  
 (54) ELEVATED FORMWORK FOR CONCRETE HOBS
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- (71) Harnischfeger Technologies, Inc.  
 (21) 2017202342 (22) 10.04.2017  
 (54) Rope shovel with non-linear digging assembly  
 (31) 62/320,237 (32) 08.04.16 (33) US
- 
- (71) Heraeus Medical GmbH  
 (21) 2017202428 (22) 12.04.2017  
 (54) Polymer solution for visco-supplementation  
 (31) 102016208567.0 (32) 19.05.16 (33) DE
- 
- (71) HFI Innovation Inc.  
 (21) 2017202368 (22) 11.04.2017  
 (54) METHOD OF SUB-PREDICTION UNIT INTER-VIEW MOTION PREDICTION IN 3D VIDEO CODING  
 (62) 2014289739
- 
- (71) HLD Healthy Life Devices OY  
 (21) 2017202358 (22) 10.04.2017

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(54) LOW PRESSURE SUCTION TREATMENT INCORPORATING MEASUREMENT OF TISSUE CHARACTERISTICS (31) 62/319,839	(32) 08.04.16 (33) US	(54) Surge protection device monitoring (31) 2016901375	(32) 13.04.16 (33) AU	(71) PepsiCo, Inc. (21) 2017202394	(22) 11.04.2017
(71) Incube Labs, LLC (21) 2017202439	(22) 12.04.2017	(71) Merial, Inc. (21) 2017202354	(22) 10.04.2017	(54) Methods for improving securement of labels to containers (62) 2014293245	
(54) Implantable solid-liquid drug delivery apparatus, formulations, and methods of use (62) 2012340752		(54) Attenuated Mannheimia haemolytica vaccines and methods of making and use (62) 2013342269		(71) Power Box AG (21) 2017202363	(22) 11.04.2017
(71) Ioannou, G. (21) 2017202352	(22) 10.04.2017	(71) MonoSol Rx, LLC (21) 2017202397	(22) 11.04.2017	(54) IMPROVEMENTS TO CLAMPING APPARATUS (31) 1606276.2	(32) 12.04.16 (33) GB
(54) A CONDUCTIVE APPARATUS		(54) DUAL LANE COATING (62) 2012243120		(71) Premier Magnesia, LLC (21) 2017202407	(22) 11.04.2017
(71) Johnson & Johnson Vision Care, Inc. (21) 2017202382	(22) 11.04.2017	(71) Morphotek, Inc. (21) 2017202341	(22) 10.04.2017	(54) MAGNESIUM PHOSPHATE CEMENT (62) 2013330338	
(54) ASYMMETRIC LENS DESIGN AND METHOD FOR PREVENTING AND/OR SLOWING MYOPIA PROGRESSION (62) 2014200420		(54) MONOCLONAL ANTIBODIES THAT SPECIFICALLY BIND TO FOLATE RECEPTOR ALPHA (62) 2015268693		(71) Recombinetics, Inc; The University Court of the University of Edinburgh (21) 2017202379	(22) 11.04.2017
(71) Joy MM Delaware, Inc. (21) 2017202443	(22) 12.04.2017	(71) Motorola Solutions, Inc. (21) 2017202338	(22) 10.04.2017	(54) GENETICALLY MODIFIED ANIMALS AND METHODS FOR MAKING THE SAME (62) 2012222144	
(54) Winch drum tension isolation system (62) 2014200335		(54) DEVICES AND METHODS FOR RECEIVING A DATA FILE IN A COMMUNICATION SYSTEM (31) 15/130,498	(32) 15.04.16 (33) US	(71) Revivicor Inc (21) 2017202389	(22) 11.04.2017
(71) Jury, K. (21) 2017202444	(22) 12.04.2017	(71) NATIONAL RESEARCH COUNCIL OF CANADA (21) 2017202369	(22) 11.04.2017	(54) Genetically modified pigs for xenotransplantation of vascularized xenografts and derivatives thereof (62) 2012217792	
(54) A VOID PLATFORM AND A METHOD FOR PROVIDING A PLATFORM SUPPORT ACROSS A BUILDING VOID (31) 2016905239	(32) 19.12.16 (33) AU	(54) Patterned film for forming fluid-filled blister, microfluidic blister, and kit and method of forming (31) 62/320,677	(32) 11.04.16 (33) US	(71) Roche Glycart AG (21) 2017202437	(22) 12.04.2017
(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (21) 2017202350	(22) 10.04.2017	(71) Navitaire LLC (21) 2017202436	(22) 12.04.2017	(54) Novel immunoconjugates (62) 2012247548	
(54) Towing vehicle (31) 2016-091338	(32) 28.04.16 (33) JP	(54) Reservation record based ticketing (62) 2015213410		(71) Rotam Agrochem International Company Limited (21) 2017202401	(22) 11.04.2017
(71) Koks Group B.V. (21) 2017202340	(22) 10.04.2017	(71) Neuromonics Pty Ltd (21) 2017202339	(22) 10.04.2017	(54) A NOVEL CRYSTALLINE FORM OF SPIROTETRAMAT, A PROCESS FOR ITS PREPARATION AND USE OF THE SAME	
(54) Vacuum installation		(54) Systems Methods and Apparatuses for Rehabilitation of Auditory System Disorders (62) 2015201301		(71) Rouzbahani, K. (21) 2017202448	(22) 12.04.2017
(71) Kuipers, M. (21) 2017202425	(22) 12.04.2017	(71) Opex Corporation (21) 2017202367	(22) 11.04.2017	(54) WIRELINE INTERVENTION SUB (31) 2016901353	(32) 12.04.16 (33) AU
(54) Rail Weld Shearing Machine (31) 2016903516	(32) 02.09.16 (33) AU	(54) Method and apparatus for sorting items (62) 2014216046		(71) Ruprecht-Karls-Universitat Heidelberg (21) 2017202406	(22) 11.04.2017
(71) Landmark Graphics Corporation (21) 2017202431	(22) 12.04.2017	(71) Oren Technologies, LLC (21) 2017202398	(22) 11.04.2017	(54) Measles Virus Encoding a Tumor Antigen (31) 2016-203835	(32) 17.10.16 (33) JP
(54) Compiling drilling scenario data from disparate data sources (62) 2014272040		(54) PROPPANT DISCHARGE SYSTEM AND A CONTAINER FOR USE IN SUCH A PROPPANT DISCHARGE SYSTEM (62) 2013293582		(71) Samsung Electronics Co., Ltd. (21) 2017202355	(22) 10.04.2017
(71) Lightning Protection International Pty Ltd (21) 2017202441	(22) 12.04.2017			(54) METHOD AND APPARATUS FOR ENCODING MOTION INFORMATION,	

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AND METHOD AND APPARATUS  
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(62) 2016201944

(71) Santarus, Inc.  
(21) 2017202357 (22) 10.04.2017  
(54) Selection and Treatment of Subjects  
(62) 2012212194

(71) SharkNinja Operating LLC  
(21) 2017202415 (22) 12.04.2017  
(54) FOOD PROCESSING APPARATUS  
AND METHOD  
(62) 2015243091

(71) Shire Human Genetic Therapies, Inc.  
(21) 2017202344 (22) 10.04.2017  
(54) TREATMENT OF SANFILIPPO SYN-  
DROME TYPE B  
(62) 2011270672

(71) Shire Human Genetic Therapies, Inc.  
(21) 2017202349 (22) 10.04.2017  
(54) CNS DELIVERY OF THERAPEUTIC  
AGENTS  
(62) 2011270668

(71) Siga Technologies, Inc.  
(21) 2017202359 (22) 10.04.2017  
(54) POLYMORPHIC FORMS ST-246 AND  
METHODS OF PREPARATION  
(62) 2015200286

(71) SUN, H.  
(21) 2017202361 (22) 10.04.2017  
(54) Livestock and Poultry Feeds of Tapioca  
Formulas

(71) Tata Consultancy Services Limited  
(21) 2017202374 (22) 11.04.2017  
(54) System and method for analyzing re-  
search literature for strategic decision  
making of an entity  
(31) 201621042411 (32) 12.12.16 (33) IN

(71) The Children's Medical Center Corpora-  
tion  
(21) 2017202343 (22) 10.04.2017  
(54) NEOSAXITOXIN COMBINATION FOR-  
MULATIONS FOR PROLONGED LOC-  
AL ANESTHESIA  
(62) 2014232881

(71) The Heil Co.  
(21) 2017202399 (22) 11.04.2017  
(54) Refuse collection vehicle with telescopic-  
ing arm  
(62) 2012294397

(71) The Ohio State University Research  
Foundation  
(21) 2017202417 (22) 12.04.2017  
(54) Synthetic fuels and chemicals produc-  
tion with in-situ CO<sub>2</sub> capture  
(62) 2010292310

**The University Court of the University of  
Edinburgh see Recombinetics, Inc**  
(21) 2017202379

(71) Toyota Jidosha Kabushiki Kaisha  
(21) 2017202403 (22) 11.04.2017  
(54) Transmission system for hybrid electric  
vehicle  
(31) 2016-080412 (32) 13.04.16 (33) JP  
2016-195885 03.10.16 JP

(71) UCB Pharma S.A.  
(21) 2017202434 (22) 12.04.2017  
(54) Bacterial host strain expressing recom-  
binant DsbC and having reduced Tsp  
activity  
(62) 2011206587

(71) Valeritas, Inc  
(21) 2017202411 (22) 12.04.2017  
(54) Hydraulically actuated pump for long  
duration medicament administration  
(62) 2015207890

(71) Virginia Commonwealth University  
(21) 2017202345 (22) 10.04.2017  
(54) Cancer imaging with therapy: ther-  
anostics  
(62) 2011320558

(71) Vision Engineering Limited  
(21) 2017202383 (22) 11.04.2017  
(54) Viewer With Enhanced Depth Percep-  
tion  
(62) 2014307812

(71) Volbroker.com Limited  
(21) 2017202423 (22) 12.04.2017  
(54) SYSTEM AND METHOD FOR TRAD-  
ING OPTIONS (CREDIT FILTERS AND  
TWO STAGE UPDATING)  
(62) 2015203042

(71) W. L. Gore & Associates, Inc.  
(21) 2017202405 (22) 11.04.2017  
(54) Multi-frame prosthetic heart valve  
(62) 2013363289

(71) W. L. Gore & Associates, Inc.  
(21) 2017202433 (22) 12.04.2017  
(54) Prosthetic valves, frames and leaflets  
and methods thereof  
(62) 2013361268

(71) WALSH, M.  
(21) 2017202502 (22) 11.04.2017  
(54) WHEELTURNERS

(71) Webroot Inc.  
(21) 2017202384 (22) 11.04.2017  
(54) Methods and apparatus for dealing with  
malware  
(62) 2012217181

(71) Western Digital Technologies, Inc.  
(21) 2017202424 (22) 12.04.2017  
(54) THERMAL INTERFACE MATERIAL  
PAD AND METHOD OF FORMING  
THE SAME  
(62) 2014259751

(71) WHW Group, Inc.  
(21) 2017202402 (22) 11.04.2017  
(54) Seal for a centrifugal pump  
(62) 2014227705

(71) Xyleco, Inc.  
(21) 2017202376 (22) 11.04.2017  
(54) Processing biomass  
(62) 2015202614

(71) Xyleco, Inc.  
(21) 2017202432 (22) 12.04.2017  
(54) Cooling and processing materials  
(62) 2016201069

## Numerical Index

2017202337	CHALMING CREATIONS PTY LTD	2017202410	Graham Packaging Company, L.P.
2017202338	Motorola Solutions, Inc.	2017202411	Valeritas, Inc
2017202339	Neuromonics Pty Ltd	2017202412	GWT Group Pty Ltd
2017202340	Koks Group B.V.	2017202413	Gilead Sciences, Inc.
2017202341	Morphotek, Inc.	2017202414	Akebia Therapeutics Inc.
2017202342	Harnischfeger Technologies, Inc.	2017202415	SharkNinja Operating LLC
2017202343	The Children's Medical Center Corporation	2017202416	DekTek Pty Ltd
2017202344	Shire Human Genetic Therapies, Inc.	2017202417	The Ohio State University Research Foundation
2017202345	Virginia Commonwealth University	2017202418	Aquto Corporation
2017202349	Shire Human Genetic Therapies, Inc.	2017202419	ETH Zurich
2017202350	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2017202420	Anterios, Inc.
2017202351	DAVALLIA CORPORATION PTY LTD	2017202421	Aratana Therapeutics NV
2017202352	Ioannou, G.	2017202422	DSM IP Assets B.V.
2017202353	Aristocrat Technologies Australia Pty Limited	2017202423	Volbroker.com Limited
2017202354	Merial, Inc.	2017202424	Western Digital Technologies, Inc.
2017202355	Samsung Electronics Co., Ltd.	2017202425	Kuipers, M.
2017202356	Accenture Global Solutions Limited	2017202426	Alexion Pharmaceuticals, Inc.
2017202357	Santarus, Inc.	2017202427	Brainscope Company, Inc.
2017202358	HLD Healthy Life Devices OY	2017202428	Heraeus Medical GmbH
2017202359	Siga Technologies, Inc.	2017202430	DALIAN INO-TECH CO., LTD.
2017202360	Bandit Industries, Inc.	2017202431	Landmark Graphics Corporation
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2017202363	Power Box AG	2017202434	UCB Pharma S.A.
2017202364	Genzyme Corporation	2017202435	Caterpillar Inc.
2017202365	Eisai R&D Management Co., Ltd	2017202436	Navitaire LLC
2017202366	Aristocrat Technologies Australia Pty Limited	2017202437	Roche Glycart AG
2017202367	Opex Corporation	2017202438	Anterios, Inc.
2017202368	HFI Innovation Inc.	2017202439	Incube Labs, LLC
2017202369	NATIONAL RESEARCH COUNCIL OF CANADA	2017202440	Anterios, Inc.
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2017202371	Aristocrat Technologies Australia Pty Limited	2017202442	Cardinal Health Switzerland 515 GmbH
2017202372	BGC Partners, Inc.	2017202443	Joy MM Delaware, Inc.
2017202373	Bioness Neuromodulation Ltd.	2017202444	Jury, K.
2017202374	Tata Consultancy Services Limited	2017202446	ACTELION PHARMACEUTICALS LTD
2017202375	Accenture Global Services Limited	2017202447	Discovery Life Limited
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2017202377	Church & Dwight Co., Inc.	2017202449	Dematic Pty Ltd
2017202378	DSM IP Assets B.V.	2017202454	BRISTOL-MYERS SQUIBB COMPANY; DOMANTIS LIMITED
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2017202394	PepsiCo, Inc.		
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2017202399	The Heil Co.		
2017202400	GLASS VICE HOLDINGS LIMITED		
2017202401	Rotam Agrochem International Company Limited		
2017202402	WHW Group, Inc.		
2017202403	Toyota Jidosha Kabushiki Kaisha		
2017202404	Breezway Australia (Holdings) Pty Ltd		
2017202405	W. L. Gore & Associates, Inc.		
2017202406	Ruprecht-Karls-Universitat Heidelberg		
2017202407	Premier Magnesia, LLC		
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2017202409	Becton, Dickinson and Company		

**Innovation Patent Applications Filed****Name Index**

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

- 
- (71) Beijing Youan Hospital, Capital Medical University  
 (21) 2017100413 (22) 10.04.2017  
 (54) A fluorescence Protein Microarray and Kit for Detecting alpha-fetoprotein (AFP) in Serum
- 
- (71) Bend-tech Investments 1 Pty Ltd  
 (21) 2017100395 (22) 07.04.2017  
 (54) Conveyor belt lifting apparatus
- 
- (71) Chinese Academy of Agricultural Mechanization Sciences  
 (21) 2017100397 (22) 07.04.2017  
 (54) A multifunctional agricultural chassis  
 (31) 201620750973.1 (32) 15.07.16 (33) CN
- 
- (71) DALIAN INO-TECH CO., LTD.  
 (21) 2017100419 (22) 12.04.2017  
 (54) An electrical protection device  
 (31) 201610231037 (32) 14.04.16 (33) CN
- 
- (71) DekTek Pty Ltd  
 (21) 2017100418 (22) 12.04.2017  
 (54) A FLOORING BOARD SPACING ASSEMBLY
- 
- (71) Denson, A.  
 (21) 2017100414 (22) 11.04.2017  
 (54) Animal Enrichment Device
- 
- (71) Fawkes, B.  
 (21) 2017100415 (22) 11.04.2017  
 (54) CLADDING METHOD
- 
- (71) Galvin Engineering Pty Ltd  
 (21) 2017100421 (22) 12.04.2017  
 (54) A SHOWER HEAD ASSEMBLY
- 
- (71) Gorman, S.  
 (21) 2017100406 (22) 10.04.2017  
 (54) Applicator to improve current primer applicator balls and provide less wastage of primer
- 
- (71) Habben, D.  
 (21) 2017100404 (22) 10.04.2017  
 (54) A MOBILE COMMUNICATION DEVICE OPERATING SYSTEM INSTANCE VIRTUALISATION SERVER  
 (62) PCT/AU2015/050617
- 
- (71) HAREDS PTY LTD  
 (21) 2017100407 (22) 10.04.2017  
 (54) Parametric Insurance; Insurance Bond; or General Insurance product, used within the Australian General Insurance Market for the purpose of providing policy holders with immediate cash funds following a predefined Natural Disaster as declared by an Australian Authority and within the terms of the scheme known as "Australian Natural Disaster Emergency Cash Insurance" or any combination of the scheme name therein.
- 
- (71) Hover UAV Pty Ltd  
 (21) 2017100405 (22) 10.04.2017  
 (54) METHOD AND APPARATUS FOR MESSAGE BROADCASTING
- 
- (71) Hudson, J.  
 (21) 2017100400 (22) 08.04.2017  
 (54) Title : Better than Butter. This is a dairy butter product. The main ingredient is butter, with added ingredients to form three sweet and three savoury butters.
- 
- (71) Macau University of Science and Technology  
 (21) 2017100396 (22) 07.04.2017  
 (54) Flavonolignans for treatment of autoimmune inflammatory diseases
- 
- (71) Motif Vanities Pty Ltd  
 (21) 2017100417 (22) 11.04.2017  
 (54) Furniture
- 
- (71) Norton, M.  
 (21) 2017100402 (22) 09.04.2017  
 (54) Dry and Wet Pre Separator Apparatus & Wet Vacuum Cyclone Chamber Invention  
 (31) 2016901321 (32) 10.04.16 (33) AU
- 
- (71) Pack, B.  
 (21) 2017100401 (22) 09.04.2017  
 (54) Method and System for Automated Collection of PAYG (Pay As You Go) Taxation Amounts and SUPER (Superannuation Contributions) amounts debits, payments and entitlement settlements, (TaxCapture).
- 
- (71) PHAN, M.  
 (21) 2017100398 (22) 07.04.2017
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- (54) A WIRELESS ENHANCED SOUND SYSTEM  
 (62) PCT/AU2016/000124
- 
- (71) Ratnasingam, S.  
 (21) 2017100399 (22) 08.04.2017  
 (54) Traffic Aware Lane Determination for Human Driver and Autonomous Vehicle Driving System  
 (31) 15/093,761 (32) 08.04.16 (33) US
- 
- (71) SYDNEY COLLEGE OF HAIR BEAUTY & MAKE UP PTY LTD  
 (21) 2017100420 (22) 12.04.2017  
 (54) Method of cosmetic eyebrow tattooing that reduces the occurrence of blurred or ill-defined tattoos
- 
- (71) The Trustee for STRATEGIC WEALTH CREATION  
 (21) 2017100416 (22) 11.04.2017  
 (54) Phone case with light function for selfie's and sticky back function to stick to anything. This makes it great for video's and tutorials.
- 
- (71) Tongji University  
 (21) 2017100408 (22) 10.04.2017  
 (54) USER KEYBOARD KEY-PRESSING BEHAVIOR MODE MODELING AND ANALYSIS SYSTEM, AND IDENTITY RECOGNITION METHOD THEREOF  
 (62) PCT/CN2014/093944
- 
- (71) Tongji University  
 (21) 2017100409 (22) 10.04.2017  
 (54) PASSWORD FAULT TOLERANCE METHOD BASED ON MOUSE BEHAVIOUR  
 (62) PCT/CN2014/095900
- 
- (71) Tongji University  
 (21) 2017100410 (22) 10.04.2017  
 (54) METHOD AND SYSTEM FOR LARGE-SCALE REAL-TIME TRAFFIC INDEX SERVICE BASED ON DISTRIBUTED FRAMEWORK  
 (62) PCT/CN2015/089507
- 
- (71) Tongji University  
 (21) 2017100411 (22) 10.04.2017  
 (54) CONTENT-BASED W INTERNET CHANNEL COMMUNICATION PROTOCOL ROUTING ALGORITHM  
 (62) PCT/CN2015/089510
-

**Innovation Patent Applications Filed - Name Index cont'd**

(71) Tongji University  
(21) 2017100412 (22) 10.04.2017  
(54) CLOUD TASK SCHEDULING ALGORITHM BASED ON USER SATISFACTION  
(62) PCT/CN2015/089512

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(71) Warmertec Pty Ltd  
(21) 2017100403 (22) 10.04.2017  
(54) Improvements in Materials and Processes for Furniture Construction  
(31) 2016901346 (32) 11.04.16 (33) AU

**Numerical Index**

<b>2017100395</b>	Bend-tech Investments 1 Pty Ltd	<b>2017100409</b>	Tongji University
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<b>2017100397</b>	Chinese Academy of Agricultural Mechanization Sciences	<b>2017100411</b>	Tongji University
<b>2017100398</b>	PHAN, M.	<b>2017100412</b>	Tongji University
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<b>2017100400</b>	Hudson, J.	<b>2017100414</b>	Denson, A.
<b>2017100401</b>	Pack, B.	<b>2017100415</b>	Fawkes, B.
<b>2017100402</b>	Norton, M.	<b>2017100416</b>	The Trustee for STRATEGIC WEALTH CREATION
<b>2017100403</b>	Warmertec Pty Ltd	<b>2017100417</b>	Motif Vanities Pty Ltd
<b>2017100404</b>	Habben, D.	<b>2017100418</b>	DekTek Pty Ltd
<b>2017100405</b>	Hover UAV Pty Ltd	<b>2017100419</b>	DALIAN INO-TECH CO., LTD.
<b>2017100406</b>	Gorman, S.	<b>2017100420</b>	SYDNEY COLLEGE OF HAIR BEAUTY & MAKE UP PTY LTD
<b>2017100407</b>	HAREDS PTY LTD	<b>2017100421</b>	Galvin Engineering Pty Ltd
<b>2017100408</b>	Tongji University		

**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:

**Code Meaning**

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**

2001292336 ( 14 ) 2001293507 ( 14 )

**2002**

2002211428 ( 14 ) 2002218206 ( 14 ) 2002301275 ( 14 )  
 2002301303 ( 14 ) 2002301397 ( 14 ) 2002301602 ( 14 )  
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 2002356211 ( 14 ) 2002359517 ( 14 ) 2002362449 ( 14 )

**2003**

2003252777 ( 14 ) 2003264660 ( 14 ) 2003264987 ( 14 )  
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2004201523 ( 14 ) 2004216599 ( 14 ) 2004277342 ( 14 )  
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2006339595 ( 14 )	2006342768 ( 14 )	2006347566 ( 14 )

**2007**

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2008308184 ( 14 )	2008308832 ( 14 )	2008311107 ( 14 )

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2010244546 ( 5C )	2010249291 ( 5C )	2010300299 ( 14 )
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2010300529 ( 14 )	2010300642 ( 14 )	2010300771 ( 14 )
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2016100559 ( 21F ) 2016202080 ( 4C ) 2016202474 ( 4C )  
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 2016902441 ( 12AN )

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2017100101 ( 18AN ) 2017100132 ( 18AN ) 2017202438 ( 12AN )

**Assignments before Grant, Section 113****2011**

2011250703 Hilti Aktiengesellschaft The application has been assigned to **DYWIDAG-Systems International Pty Limited**

**2013**

2013407859 ABB Technology Ltd The application has been assigned to **ABB HV Cables (Switzerland) GmbH**

**2014**

2014201559 Ashland Licensing and Intellectual Property LLC The application has been assigned to **Valvoline Licensing and Intellectual Property LLC**

2014278404 Ashland Licensing and Intellectual Property LLC The application has been assigned to **Valvoline Licensing and Intellectual Property LLC**

**Assignments before Grant, Section 113**

2014326664 Remet UK Ltd The application has been assigned to **REMET Corporation**

2014378717 ABB Technology Ltd The application has been assigned to **ABB HV Cables (Switzerland) GmbH**

2014409915 Piao, Chenghao The application has been assigned to **Changchun University of Science and Technology**

**2015**

2015201150 Coinstar, LLC The application has been assigned to **Cardpool, Inc.**

2015203205 Hilti Aktiengesellschaft The application has been assigned to **DYWIDAG-Systems International Pty Limited**

2015315370 Keurig Green Mountain, Inc. The application has been assigned to **Bedford Systems LLC**

2015322099 Krefting, Adam The application has been assigned to **CushCore, LLC**

**2016**

2016203670 Coinstar, LLC The application has been assigned to **Cardpool, Inc.**

2016247198 Interventional Spine, Inc. The application has been assigned to **DePuy Synthes Products, Inc.**

**2017**

2017201836 Coinstar, LLC The application has been assigned to **Cardpool, Inc.**

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

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

**2006**

2006252985 **inVentiv Health, Inc.** An application to extend the time from 17 Apr 2016 to 17 Apr 2017 in which to pay a renewal fee has been filed . Address for service - Fisher Adams Kelly Callinans GPO Box 1413 BRISBANE QLD 4001 AU

**2009**

2009253831 **Busby, M.** An application to extend the time from 25 May 2016 to 25 Apr 2017 in which to pay a renewal fee has been filed . Address for service - Matthew Dawson Busby PO Box 1692 Osborne Park WA 6916 AU

**2012**

2012101296 **Smallwood, W.** An application to extend the time from 27 Aug 2016 to 27 Mar 2017 in which to pay a renewal fee has been filed . Address for service - Wallace Frederick Smallwood 77 Hansens Road Minto Heights NSW 2566 AU

## Extensions of Time, Section 223

### 2014

2014100865 **InterfaceIT Operations Pty. Ltd.** An application to extend the time from 28 Sep 2016 to 28 Apr 2017 in which to pay a renewal fee has been filed . Address for service - Patentec Patent Attorneys Po Box A1172 Sydney South NSW 1235 AU

### 2016

2016213922 **Wangra Pty Ltd** An application to extend the time from 17 Oct 2016 to 17 Feb 2017 in which to pay the filing fee has been filed . Address for service - Wangra Pty Ltd 6-16 Keppel Dr Hallam VIC 3803 AU

## Applications Allowed - Section 223(2)

### 2013

2013206060 **Defendtex Pty Ltd** The time in which to gain acceptance has been extended to 29 Jul 2017 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013308989 **Race Tech LLC** The time in which to request Examination has been extended to 19 Nov 2016 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

### 2016

2016100356 **Zhuhai Jindao Electric Appliance Co. Ltd.** The time in which to comply with a direction under Reg 3.2B has been extended to 08 Jan 2017 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

## Amendments

### Applications for Amendment

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

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

### 2002

2002249391 **Implant Neoss Limited** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2017 . Address for service - WRAYS PTY LTD 56 Ord Street West Perth WA 6005 AU

### 2006

2006216732 Extending time to disease progression or survival in cancer patients using a HER dimerization inhibitor **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

### 2008

2008273002 Pyrimidine derivatives useful as Raf kinase inhibitors **Millennium Pharmaceuticals, Inc. ; Sunesis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s)

## Amendments

filed 24 Mar 2017 . Address for service - Cullens Pty Ltd Level 32 239 George Street Brisbane QLD 4000 AU

### 2009

2009347078 Capsule, system and method for preparing a predetermined quantity of beverage suitable for consumption **Koninklijke Douwe Egberts B.V.** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street 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 08 Mar 2017 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2011326348 Assistance system for steering a machine tool **Interactive Machine Systems Pty Limited** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2017 . Address for service - INTERACTIVE MACHINE SYSTEMS PTY LTD 10 Julie Street Marsfield NSW 2122 AU

### 2012

2012305570 Drug retrieval device **Takazono Technology Incorporated** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012343563 Apparatus and method for controlling a downhole device **Oilsco Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2017 . Address for service - Cul-lens Pty Ltd GPO Box 1074 Brisbane QLD 4001 AU

### 2013

2013389501 Exhaust cooling system for internal combustion engine **Toyota Jidosha Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 27 Jan 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

### 2014

2014256675 Systems and methods for efficient channel synchronization **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2017 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014270523 Pump arrangement **KSB Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2017 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

### 2015

2015234338 Improved vaccines and methods for using the same **The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 11 Apr 2017 . Address for service - FB Rice Level 23 44 Market Street Sydney NSW 2000 AU

## Amendments Made

**Amendments****2011**

2011329638 **Xtuit Pharmaceuticals, Inc.; The General Hospital Corporation** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2016

**2012**

2012208388 **Sun Pharma Advanced Research Company Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2016

2012258564 **Kitchen, W.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2016

2012304181 **The Governors of the University of Alberta** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2017

**2013**

2013224043 **Santen SAS** The nature of the amendment is: Amend the invention title to read Self-preserved oil dispersions comprising boric acid

2013254276 **Grand Rainbow International Limited** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2017

2013256573 **SPEADTECH LIMITED** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2016

2013259476 **Edge Therapeutics Inc.; Evonik Corporation** The nature of the amendment is: Amend the name of the inventor to read Macdonald, R. Loch; Davis, Cara R.; Burton, Kevin; Winchester, Gary; Stella, Angela R. and Heshmati, Parissa

**2014**

2014408102 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Dedicated network handover method, dedicated network type notification method, and device

2014409209 **Unicharm Corporation** The nature of the amendment is: Amend the invention title to read DISPOSABLE DIAPER

2014410872 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Laminated header, heat exchanger, and air-conditioning apparatus

2014412283 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Refrigeration cycle apparatus

**2015**

2015200527 **Engineered Corrosion Solutions, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2016

2015201666 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2016

**Amendments**

2015203135 **Namvar, K.** The nature of the amendment is: Amend the invention title to read Multi Channel Signal Transmission Management System

2015271982 **SPEADTECH LIMITED** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2016

2015279212 **Heidelberg ImmunoTherapeutics GmbH** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2017

2015317532 **Iantech, Inc.** The nature of the amendment is: Amend the name of the inventor to read Guguchkova, Maria Tsontcheva and Clauson, Luke W.

2015327812 **Cedars-Sinai Medical Center** The nature of the amendment is: Amend the name of the inventor to read Marban, Eduardo and Aminzadeh, Mark Amin

2015327882 **Cedars-Sinai Medical Center** The nature of the amendment is: Amend the invention title to read Cardiosphere-derived cells (CDCs) as therapeutic agents for pulmonary hypertension

2015330617 **Tan, J.** The nature of the amendment is: Amend the invention title to read Column-beam connecting assembly capable of being manually assembled and frame structure assembled thereby

2015351400 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning apparatus

2015352098 **Nestec SA** The nature of the amendment is: Amend the name of the inventor to read Pan, Yuanlong; Xu, Xui and Bhattacharjee, Sandeep

2015375971 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Outdoor unit and air-conditioning apparatus

**2017**

2017202188 **T.A.G. Medical Devices - Agriculture Cooperative Ltd.** The nature of the amendment is: Amend the name of the inventor to read Oren, Ran; Moor, Dan; Lafosse, Laurent and Nachmias, Shai

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2005**

2005229359 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

**2007**

2007341656 CCP Composites US LLC The name of the patentee has been altered to **Polynt Composites USA, Inc.**

**2008**

2008231721 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

2008333237 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

**Amendments****2011**

2011311452 Fundacio Privada Institutio Catalana de Recerca i Estudis Avancats ; Fundacio Privada Institut de Recerca Biomedica The name of the patentee has been altered to **INSTITUTIO CATALANA DE RECERCA I ESTUDIS; FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)**

2011333496 Doosan Power Systems UK Limited The name of the applicant has been altered to **Doosan Babcock Limited**

**2013**

2013201133 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

2013203461 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

2013203993 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

2013203995 DPx Holdings B.V. The name of the patentee has been altered to **Patheon Holdings I B.V.**

2013374516 Fugenbio Co., Ltd The name of the applicant has been altered to **Fugenbiopharma Co., Ltd.**

**2014**

2014238453 Stride Tool, Inc. The name of the applicant has been altered to **North Park Innovations Group, Inc.**

**2015**

2015317320 Flex Partners The name of the applicant has been altered to **Simpson, P.; Matsuura, D.; D'Lima, D.; Kincade, D.**

2015317482 Booz Allen & Hamilton The name of the applicant has been altered to **Booz Allen Hamilton Inc**

2015361236 Tzunum, Inc. The name of the applicant has been altered to **Zunum Aero, Inc.**

**2016**

2016266009 Fundacio Privada Institutio Catalana de Recerca i Estudis Avancats ; Fundacio Privada Institut de Recerca Biomedica The name of the applicant has been altered to **INSTITUTIO CATALANA DE RECERCA I ESTUDIS; FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)**

**Applications Open to Public Inspection****Name Index**

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

(71) ABUS August Bremicker Söhne KG  
 (11) AU-A-2016244176

(21) 2016244176 (22) 10.10.2016  
 (54) PADLOCK  
 (51) Int. Cl.  
*E05B 67/00* (2006.01)  
 (31) 102015117253.4 (32) 09.10.15 (33) DE  
 (43) 27.04.2017  
 (72) Fan, Wai Kuen  
 (74) Phillips Ormonde Fitzpatrick

(71) Accenture Global Services Limited  
 (11) AU-A-2017202375  
 (21) 2017202375 (22) 11.04.2017  
 (54) A ROBUST POSITION DETECTION, CAUSE-AND-EFFECT AND RULE DETERMINANTS TO GOVERN EXCESSIVE RISKS FOR GLOBAL REGULATORY COMPLIANCE

(51) Int. Cl.  
*G06Q 90/00* (2006.01)  
*G06Q 40/06* (2012.01)  
 (43) 27.04.2017  
 (62) 2015201754  
 (72) SEN, Prabir; MAYBERRY, Trent  
 (74) Murray Trento & Associates Pty Ltd

(71) Advantage Air Aust. Pty Ltd  
 (11) AU-A-2015238923  
 (21) 2015238923 (22) 09.10.2015  
 (54) COMMUNICATION DATA PORT RESET  
 (51) Int. Cl.  
*G06F 13/00* (2006.01)  
 (43) 27.04.2017  
 (72) Evans, Owain; Davies, John  
 (74) Watermark Intellectual Property Pty Ltd

(71) Amazon Technologies, Inc.  
 (11) AU-A-2017202257  
 (21) 2017202257 (22) 05.04.2017  
 (54) STREAMING RESTORE OF A DATABASE FROM A BACKUP SYSTEM  
 (51) Int. Cl.  
*G06F 7/00* (2006.01)  
*G06F 11/00* (2006.01)  
*G06F 17/30* (2006.01)  
 (43) 27.04.2017  
 (62) 2013347798  
 (72) Gupta, Anurag Windlass; Kulesza, Jakub; Agarwal, Deepak; Surna, Aleksandras; Jain, Tushar; Fong, Zelanie; Stefani, Stefano  
 (74) Phillips Ormonde Fitzpatrick

(71) AMO Development, LLC  
 (11) AU-A-2017202298  
 (21) 2017202298 (22) 07.04.2017

(54) System and method for laser photoaltering a material using multi-beam scanning

(51) Int. Cl.  
*A61B 18/20* (2006.01)  
*A61F 9/008* (2006.01)  
*B23K 26/06* (2006.01)  
*B23K 26/067* (2006.01)  
*B23K 26/08* (2006.01)  
*B23K 26/36* (2006.01)  
*B23K 26/40* (2006.01)  
*G02B 5/32* (2006.01)

(43) 27.04.2017  
 (62) 2015201408  
 (72) Bor, Zsolt; Holland, Guy V.; Horvath, Christopher  
 (74) Davies Collison Cave Pty Ltd

**Ansaldo STS Australia Pty Ltd see Technological Resources Pty. Limited**  
 (21) 2017202262

(71) Anterios, Inc.  
 (11) AU-A-2017202420  
 (21) 2017202420 (22) 12.04.2017  
 (54) Nanoparticle compositions  
 (51) Int. Cl.  
*A61K 9/14* (2006.01)  
*A61P 17/10* (2006.01)  
 (43) 27.04.2017  
 (62) 2012209339  
 (72) Edelson, Jonathan; Kotyla, Timothy; Theobald, Klaus  
 (74) FB Rice

(71) Applied Genetic Technologies Corporation  
 (11) AU-A-2017202320  
 (21) 2017202320 (22) 07.04.2017  
 (54) PROMOTERS, EXPRESSION Cassettes, VECTORS, KITS, AND METHODS FOR THE TREATMENT OF ACHROMATOPSIA AND OTHER DISEASES  
 (51) Int. Cl.  
*C12N 15/11* (2006.01)  
*A61K 48/00* (2006.01)  
*C12N 15/12* (2006.01)  
*C12N 15/861* (2006.01)  
 (43) 27.04.2017  
 (62) 2012204266  
 (72) Ye, Guo-Jie; Chulay, Jeffrey D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017202296  
 (21) 2017202296 (22) 07.04.2017

(54) Gaming machine and gaming process including further game symbols  
 (51) Int. Cl.

*A63F 13/52* (2014.01)  
 (43) 27.04.2017  
 (62) 2015202767  
 (72) NGUYEN, Hung Ngoc  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017202353

(21) 2017202353 (22) 10.04.2017  
 (54) A Gaming System and a Method of Gaming  
 (51) Int. Cl.

*A63F 13/45* (2014.01)  
*A63F 13/47* (2014.01)  
 (43) 27.04.2017  
 (62) 2015202750  
 (72) MCNEE, MICHAEL THOMAS  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017202362

(21) 2017202362 (22) 11.04.2017  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER  
 (51) Int. Cl.

*A63F 9/24* (2006.01)  
*A63F 13/00* (2006.01)  
*G07F 17/34* (2006.01)  
 (43) 27.04.2017  
 (62) 2015201000  
 (72) NGUYEN, HUNG NGOC  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017202366

(21) 2017202366 (22) 11.04.2017  
 (54) A METHOD OF GAMING AND A GAMING SYSTEM  
 (51) Int. Cl.

*G07F 17/32* (2006.01)  
 (43) 27.04.2017  
 (62) 2015203317  
 (72) LANGILLE, JAMIE KEITH  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017202370

(21) 2017202370 (22) 11.04.2017  
 (54) GAMING METHOD AND GAMING SYSTEM  
 (51) Int. Cl.  
*A63F 9/18* (2006.01)

## Applications Open to Public Inspection - Name Index cont'd

**G06F 17/00** ( 2006.01 )

(43) 27.04.2017

(62) 2015202644

(72) NEWSTEAD, OLIVER BOYD

(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2017202371

(21) 2017202371 (22) 11.04.2017

(54) A METHOD OF GAMING AND A GAMING SYSTEM

(51) Int. Cl.

**A63F 13/50** ( 2014.01 )**G07F 17/32** ( 2006.01 )

(43) 27.04.2017

(62) 2015201647

(72) VISSER, ANTOON CHRISTIAAN

(74) Griffith Hack

(71) AssetWorks LLC

(11) AU-A-2016244205

(21) 2016244205 (22) 11.10.2016

(54) System and method for verifying and redirecting mobile applications

(51) Int. Cl.

**G06Q 10/08** ( 2012.01 )**G06F 21/31** ( 2013.01 )

(31) 14/88,0478 (32) 12.10.15 (33) US 2910525 29.10.15 CA

(43) 27.04.2017

(72) Brickel, Richard

(74) FB Rice

(71) Avant Medical Corp.

(11) AU-A-2017202210

(21) 2017202210 (22) 04.04.2017

(54) AUTOINJECTOR SYSTEM

(51) Int. Cl.

**A61M 5/20** ( 2006.01 )

(43) 27.04.2017

(62) 2014268139

(72) Slate, John B.; Burk, Michael W.; Kerner, Richard J.; Magers, Corey M.; Barnes, Andrew C.

(74) Phillips Ormonde Fitzpatrick

(71) Bajwa, K.

(11) AU-A-2017202385

(21) 2017202385 (22) 11.04.2017

(54) IMPROVEMENTS IN OR RELATING TO THE SUPPLY OF PILLOWS, AND A DEVICE FOR USE THEREIN

(51) Int. Cl.

**A47G 9/10** ( 2006.01 )**A61B 5/107** ( 2006.01 )**G01B 3/20** ( 2006.01 )**G01N 3/40** ( 2006.01 )

(43) 27.04.2017

(62) 2012216881

(72) Bajwa, Kulwinder

(74) Baldwins Intellectual Property

(71) Baker Hughes Incorporated

(11) AU-A-2017202279

(21) 2017202279 (22) 06.04.2017

(54) Disintegrable metal cone, process of making, and use of the same

(51) Int. Cl.

**E21B 23/06** ( 2006.01 )**E21B 33/12** ( 2006.01 )

(43) 27.04.2017

(62) 2013260076

(72) Xu, Zhiyue; Xu, YingQing

(74) FPA Patent Attorneys Pty Ltd

(71) Bandit Industries, Inc.

(11) AU-A-2017202360

(21) 2017202360 (22) 10.04.2017

(54) Safety device, backflow reduction device, conformable wood processing device, and methods thereof for a waste processing

(51) Int. Cl.

**B27L 1/10** ( 2006.01 )**A01M 21/02** ( 2006.01 )**B02C 18/06** ( 2006.01 )**B02C 18/18** ( 2006.01 )**B02C 18/28** ( 2006.01 )**B27L 11/02** ( 2006.01 )**B27L 11/08** ( 2006.01 )

(43) 27.04.2017

(62) 2012285828

(72) Casper, Thomas E.

(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Beiersdorf AG

(11) AU-A-2016238951

(21) 2016238951 (22) 07.10.2016

(54) Sunscreen compositions with heavily reduced textile staining as a result of Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine

(51) Int. Cl.

**A61K 8/49** ( 2006.01 )**A61K 8/73** ( 2006.01 )**A61K 31/53** ( 2006.01 )**A61Q 17/04** ( 2006.01 )

(31) 10 2015 219 592.9 (32) 09.10.15 (33) DE

(43) 27.04.2017

(72) Weinert, Katrin; Borchers, Kathrin; Bleckmann, Andreas

(74) Shelston IP Pty Ltd.

(71) BGC Partners, Inc.

(11) AU-A-2017202372

(21) 2017202372 (22) 11.04.2017

(54) SYSTEM FOR MANAGING TRADING USING ALERT MESSAGES FOR OUTLYING TRADING ORDERS

(51) Int. Cl.

**G06Q 40/00** ( 2012.01 )

(43) 27.04.2017

(62) 2015202638

(72) Lutnick, Howard W.; Noviello, Joseph C.; Sweeting, Michael

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bionomics, Inc.

(11) AU-A-2017202309

(21) 2017202309 (22) 07.04.2017

(54) ANTIBODIES AND METHODS OF TREATING CANCER

(51) Int. Cl.

**C07K 16/28** ( 2006.01 )**A61K 39/395** ( 2006.01 )

(43) 27.04.2017

(62) 2012332587

(72) REYES, Christopher L.; CHU, Peter; TAN, Xiangyang; YANG, Weixing; GRAFF, Christilyn

(74) FB Rice

(71) Biosense Webster (Israel) Ltd.

(11) AU-A-2016222472

(21) 2016222472 (22) 02.09.2016

(54) IDENTIFICATION AND REGISTRATION OF MULTI-MARKER JIG

(51) Int. Cl.

**A61B 6/03** ( 2006.01 )**A61B 34/20** ( 2016.01 )**A61B 90/00** ( 2016.01 )**G06T 11/60** ( 2006.01 )

(31) 14/878,063

(32) 08.10.15 (33) US

(43) 27.04.2017

(72) Demri, Tamir; Abramovich, Pinhas

(74) Fisher Adams Kelly Callinans

(71) Biosense Webster (Israel) Ltd.

(11) AU-A-2016222476

(21) 2016222476 (22) 02.09.2016

(54) CATHETER WITH MEMBRANED SPINES FOR PULMONARY VEIN ISOLATION

(51) Int. Cl.

**A61B 18/14** ( 2006.01 )**A61B 18/12** ( 2006.01 )**A61M 25/00** ( 2006.01 )

(31) 14/878,671

(32) 08.10.15 (33) US

(43) 27.04.2017

(72) Basu, Shubhayu; Min, Sungwoo

(74) Fisher Adams Kelly Callinans

(71) Biosense Webster (Israel) Ltd.

(11) AU-A-2016225803

(21) 2016225803 (22) 06.09.2016

(54) VOXELIZATION OF A MESH

(51) Int. Cl.

**G06T 17/30** ( 2006.01 )

(31) 14/881,192

(32) 13.10.15 (33) US

(43) 27.04.2017

(72) Zar, Lior; Katz, Natan Sharon; Cohen, Benjamin

(74) Fisher Adams Kelly Callinans

(71) Biosense Webster (Israel) Ltd.

(11) AU-A-2016225953

(21) 2016225953 (22) 12.09.2016

(54) LASO CATHETER WITH MOVEABLE ABLATION SPINE

(51) Int. Cl.

**A61B 18/14** ( 2006.01 )

(31) 14/881,524

(32) 13.10.15 (33) US

(43) 27.04.2017

(72) Fang, Itzhak; Clark, Jeffrey L.; Datta, Keshava

(74) Fisher Adams Kelly Callinans

## Applications Open to Public Inspection - Name Index cont'd

- (71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2016234998  
 (21) 2016234998 (22) 30.09.2016  
 (54) SELF-CENTERING MULTIRAY ABLATION CATHETER  
 (51) Int. Cl.  
*A61B 18/14 (2006.01 )*  
*A61B 18/24 (2006.01 )*  
*A61M 25/00 (2006.01 )*  
 (31) 14/881,576 (32) 13.10.15 (33) US  
 (43) 27.04.2017  
 (72) Clark, Jeffrey; Ashton, John; Hoitink, Ryan; Schultz, Jeffrey  
 (74) Fisher Adams Kelly Callinans
- 
- (71) Bose Corporation  
 (11) AU-A-2017202391  
 (21) 2017202391 (22) 11.04.2017  
 (54) SEAT SYSTEM FOR A VEHICLE  
 (51) Int. Cl.  
*B60N 2/38 (2006.01 )*  
*B60N 2/39 (2006.01 )*  
 (43) 27.04.2017  
 (62) 2014257291  
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(54) ENDOVASCULAR PROSTHESIS AND DELIVERY DEVICE

(51) Int. Cl.

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(51) Int. Cl.

**A61K 8/98** ( 2006.01 )**A61K 8/02** ( 2006.01 )**A61K 8/04** ( 2006.01 )**A61K 9/06** ( 2006.01 )**A61K 35/12** ( 2006.01 )**A61K 35/28** ( 2006.01 )**A61K 35/44** ( 2006.01 )**A61K 35/51** ( 2015.01 )**A61Q 19/00** ( 2006.01 )

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(51) Int. Cl.

**G06F 3/01** ( 2006.01 )

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(54) HIGH TEMPERATURE ENERGY STORAGE DEVICE

(51) Int. Cl.

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**A01K 67/027** (2006.01)  
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(21) 2017202264 (22) 06.04.2017  
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(51) Int. Cl.  
**C08J 3/24** (2006.01)  
**C08J 3/03** (2006.01)  
**C08J 3/075** (2006.01)  
**C08K 3/10** (2006.01)  
**C08L 5/00** (2006.01)  
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**E21B 17/042** (2006.01)  
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**C11D 1/14** (2006.01)  
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**C11D 3/33** (2006.01)  
**C11D 3/34** (2006.01)  
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**G01F 1/00** (2006.01)  
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**C12N 5/10** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
**G01N 33/52** ( 2006.01 )  
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**A01M 1/00** ( 2006.01 )  
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 (21) 2016238932
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 (21) 2016238926 (22) 07.10.2016  
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 (21) 2017202384 (22) 11.04.2017  
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 (51) Int. Cl. **G06F 21/56** ( 2013.01 )  
 (43) 27.04.2017  
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 (72) Morris, Melvyn; Jaroch, Joseph  
 (74) Davies Collison Cave Pty Ltd
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 (21) 2017202402 (22) 11.04.2017  
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 (51) Int. Cl. **F04D 29/42** ( 2006.01 )

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<b>C12P 5 /-</b> 2017202313	<b>F04C 18 /-</b> 2016297714	<b>G01V 3 /-</b> 2017202297	<b>G06Q 40 /-</b> 2017202372	<b>H04L 12 /-</b> 2017202322
2017202390				
<b>C12P 7 /-</b> 2017202376	<b>F16D 31 /-</b> 2017202300	<b>G02B 17 /-</b> 2017202383	<b>G06Q 50 /-</b> 2017202073	<b>H04L 29 /-</b> 2017202242
<b>C12Q 1 /-</b> 2017200853	<b>F16H 39 /-</b> 2017202300	<b>G02B 21 /-</b> 2017202383	<b>G06Q 90 /-</b> 2017202375	<b>H04L 5 /-</b> 2017202220
2017202270				
<b>C12Q 1 /-</b> 2017202345	<b>F16H 61 /-</b> 2017202300	<b>G02B 27 /-</b> 2017202383	<b>G06T 11 /-</b> 2016222472	<b>H04M 11 /-</b> 2016244180
<b>D06F 53 /-</b> 2016244186	<b>F16L 23 /-</b> 2017202291	<b>G02B 5 /-</b> 2017202298	<b>G06T 17 /-</b> 2016225803	<b>H04N 19 /-</b> 2017202282
<b>E02F 3 /-</b> 2017202314	<b>F16N 7 /-</b> 2016310331	<b>G02B 6 /-</b> 2017202288	<b>G06T 7 /-</b> 2016228309	<b>H04N 7 /-</b> 2017202277
<b>E02F 9 /-</b> 2017202334	<b>F23D 14 /-</b> 2016247050	<b>G02C 5 /-</b> 2017202362	<b>G07F 17 /-</b> 2017202362	<b>H04R 25 /-</b> 2017202339
<b>E03F 1 /-</b> 2017202303	<b>F25B 41 /-</b> 2016238926	<b>G02C 7 /-</b> 2017202366	<b>G08B 17 /-</b> 2017202317	<b>H04W 48 /-</b> 2017202066
<b>E03F 5 /-</b> 2017202303	<b>F25B 49 /-</b> 2016238975	<b>G02F 1 /-</b> 2017202249	<b>G10L 19 /-</b> 2017202211	<b>H04W 84 /-</b> 2017202066
<b>E04B 1 /-</b> 2016244259	<b>F25D 17 /-</b> 2016238975	<b>G05B 13 /-</b> 2017202259	<b>H01G 9 /-</b> 2017201902	<b>H05B 37 /-</b> 2016238864
<b>E04B 9 /-</b> 2016244221	<b>F25D 29 /-</b> 2016238975	<b>G05D 1 /-</b> 2016244206	<b>H01H 73 /-</b> 2016228217	<b>H05K 1 /-</b> 2017202387
<b>E04D 5 /-</b> 2017202392	<b>G01B 11 /-</b> 2016238975	<b>G05D 23 /-</b> 2016206212	<b>H01L 23 /-</b> 2016238924	<b>H05K 5 /-</b> 2016244178
<b>E04F 10 /-</b> 2016225800	<b>G01B 3 /-</b> 2016228309	<b>G05D 7 /-</b> 2017202317	<b>H01L 33 /-</b> 2016238924	<b>H05K 7 /-</b> 2017202272
<b>E04F 13 /-</b> 2016238976	<b>G01B 3 /-</b> 2016244217	<b>G06F 11 /-</b> 2017202385	<b>H01M 2 /-</b> 2016234982	<b>No IPC Mark</b>

**Innovation Patents Open to Public Inspection****Name Index**

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

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

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(11) AU-A-2017100306

(21) 2017100306 (22) 24.02.2017

(54) Train Wagon 3D Profiler

(51) Int. Cl.

**G06T 7/00** (2006.01)

**B61K 9/02** (2006.01)

**G01B 11/00** (2006.01)

(45) 27.04.2017

(62) 2014386710

(72) WIGHTON, Paul John

(74) WRAYS PTY LTD

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(71) Ateliers Busch SA

(11) AU-A-2017100332

(21) 2017100332 (22) 22.03.2017

(54) METHOD OF PUMPING IN A SYSTEM  
OF VACUUM PUMPS AND SYSTEM  
OF VACUUM PUMPS

(51) Int. Cl.

**F04C 25/02** (2006.01)

**F04C 18/344** (2006.01)

**F04C 28/02** (2006.01)

(45) 27.04.2017

(62) 2014398770

(72) Müller, Didier; Larcher, Jean Eric;  
Iltchev, Théodore

(74) Phillips Ormonde Fitzpatrick

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(71) Australian Coil Services Pty Ltd

(11) AU-A-2017100355

(21) 2017100355 (22) 28.03.2017

(54) Method of Live Well Completion

(51) Int. Cl.

**E21B 43/00** (2006.01)

**E21B 33/03** (2006.01)

**E21B 33/06** (2006.01)

(45) 27.04.2017

(72) Moser, Diego Tarre; Luchak, Steven  
Peter

(74) Cullens Pty Ltd

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(21) 2017100351

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(71) Burnz, D.J.

(11) AU-A-2017100341

(21) 2017100341 (22) 23.03.2017

(54) ADJUSTABLE MATTRESS AS-  
SEMBLY

(51) Int. Cl.

**A47C 19/04** (2006.01)

**A61G 7/002** (2006.01)

**A61G 7/015** (2006.01)

(45) 27.04.2017

(72) Burnz, Dominic Jay

(74) IP Gateway Patent and Trade Mark At-  
torneys Pty Ltd

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(71) Chances Transformed Pty Ltd

(11) AU-A-2017100343

(21) 2017100343 (22) 23.03.2017

(54) Woman's rash top

(51) Int. Cl.

**A41D 7/00** (2006.01)

(45) 27.04.2017

(72) Musuka, Cecilia

(74) Armour IP

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(71) CHEN, G.

(11) AU-A-2017100346

(21) 2017100346 (22) 24.03.2017

(54) DETACHABLE CANOE

(51) Int. Cl.

**B63B 35/71** (2006.01)

(45) 27.04.2017

(72) CHEN, Guowei

(74) W.S. Li

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(51) Int. Cl.

**B66F 7/22** (2006.01)

**B66F 7/24** (2006.01)

(45) 27.04.2017

(72) Day, Todd

(74) Todd Day

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(71) El-Sheik, R.

(11) AU-A-2017100106

(21) 2017100106 (22) 16.01.2017

(54) Vehicle Reversing Alarm Wach dawg

(51) Int. Cl.

**B60Q 5/00** (2006.01)

(45) 27.04.2017

(72) El-Sheik, Romel

(74) Romel El-Sheik

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(71) Fin Control Systems Pty. Limited

(11) AU-A-2017100331

(21) 2017100331 (22) 22.03.2017

(54) Fin Plug for Water Craft

(51) Int. Cl.

**B63B 35/79** (2006.01)

(45) 27.04.2017

(62) 2013289838

(72) NORRIE, Scott; SCOTT, Gregory;  
EVANS, Linden; DURANTE, Michael

(74) Halfords IP

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(71) Fox, R.

(11) AU-A-2017100325

(21) 2017100325 (22) 21.03.2017

(54) Concrete and various types of stone  
bed frame

(51) Int. Cl.

**A47C 19/02** (2006.01)

(45) 27.04.2017

(72) Fox, Ryan

(74) Ryan Fox

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**Franz, B. see Franz, L.**

(21) 2017100347

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(71) Franz, L.; Franz, B.

(11) AU-A-2017100347

(21) 2017100347 (22) 24.03.2017

(54) Apparatus for Inducing Pressure  
Changes

(51) Int. Cl.

**A61F 11/00** (2006.01)

(45) 27.04.2017

(72) Franz, Burkhard Karl-Heinz Gunther

(74) Morcom Pernat

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(71) HELIMODS PTY LTD

(11) AU-A-2017100274

(21) 2017100274 (22) 08.03.2017

**Day, T. see Day, T.**

(21) 2017100338

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(71) Day, T.; Day, T.

(11) AU-A-2017100338

(21) 2017100338 (22) 23.03.2017

(54) STAR CAR RAMP

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## Innovation Patents Open to Public Inspection - Name Index cont'd

- (54) The Powered Aero Loader lifts, at a press of a button, Stryker Power Pro XT and Stryker Performance Pro (with adaption) stretchers and allows these stretchers to be secured into the aircraft. The Powered Aero Loaders aircraft interface specifically distributes loads generated by the stretcher systems during loading, unloading and inflight to allow for safe carriage in aircraft.  
 (51) Int. Cl.  
**A61G 1/00** ( 2006.01 )  
 (45) 27.04.2017  
 (72) Shrapnel, Will  
 (74) HELIMODS PTY LTD
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- (71) Macau University of Science and Technology  
 (11) AU-A-2017100337  
 (21) 2017100337 (22) 22.03.2017  
 (54) Methods and Apparatus for Image Construction  
 (51) Int. Cl.  
**G06T 11/00** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
 (31) 15/448,591 (32) 03.03.17 (33) US  
 (45) 27.04.2017  
 (72) CAI, Zhanchuan; LAN, Ting  
 (74) MR TAIKY ONG
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- (45) 27.04.2017  
 (62) PCT/AU2015/050586  
 (72) Raitt, Petrina  
 (74) Patentec Patent Attorneys
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- (71) Howie, R.  
 (11) AU-A-2017100330  
 (21) 2017100330 (22) 21.03.2017  
 (54) Secondary Data Recorder SDR In the event of an Aircraft crash, this unit will eject from the aircraft to preserve data a safe distance from the crash site, thereby not being damaged in the impact or in any fire that may follow. If the SDR is ejected over water it will float, sending a clear unobstructed ELB Signal, and has its own dedicated power supply removing the aircrew's ability to disable the SDR under duress.  
 (51) Int. Cl.  
**B64D 45/00** ( 2006.01 )  
 (31) 2016901083 (32) 23.03.16 (33) AU  
 (45) 27.04.2017  
 (72) Howie, Richard Charles  
 (74) Richard Charles Howie
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- (71) Nicholls Technologies Pty Ltd  
 (11) AU-A-2017100356  
 (21) 2017100356 (22) 28.03.2017  
 (54) Flat Packed Cremation Casket  
 (51) Int. Cl.  
**A61G 17/007** ( 2006.01 )  
 (45) 27.04.2017  
 (72) Gouws, Eugene; Miller, Glen; Nicholls, Greg  
 (74) Jogias Patent & Trade Marks Attorneys
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- (71) Specialist Diagnostic Services Pty Limited  
 (11) AU-A-2017100287  
 (21) 2017100287 (22) 10.03.2017  
 (54) Packaging  
 (51) Int. Cl.  
**B65D 81/113** ( 2006.01 )  
**B65D 5/22** ( 2006.01 )  
**B65D 5/49** ( 2006.01 )  
 (45) 27.04.2017  
 (72) Moller, Neville; Blanche, Timothy; Tallack, Matthew  
 (74) Griffith Hack
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- (71) LEE, M.; WANG, S.  
 (11) AU-A-2017100339  
 (21) 2017100339 (22) 23.03.2017  
 (54) Pulling Rope Type Fast Releasing Structure  
 (51) Int. Cl.  
**B63B 35/79** ( 2006.01 )  
 (45) 27.04.2017  
 (72) LEE, Maw-Lei; WANG, Shu-Luu  
 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) PINNACLE DIVERSITY PTY LTD  
 (11) AU-A-2017100358  
 (21) 2017100358 (22) 28.03.2017  
 (54) MODULAR RAISED GARDEN BED OR ENCLOSURE  
 (51) Int. Cl.  
**A01G 9/02** ( 2006.01 )  
 (45) 27.04.2017  
 (72) LIN, Oscar  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 

- (71) Stuart, M.C.  
 (11) AU-A-2017100333  
 (21) 2017100333 (22) 22.03.2017  
 (54) Hinge  
 (51) Int. Cl.  
**E05D 11/10** ( 2006.01 )  
**E05D 7/00** ( 2006.01 )  
**E05D 7/086** ( 2006.01 )  
 (45) 27.04.2017  
 (62) 2017201858  
 (72) Stuart, Michael Christopher  
 (74) Davies Collison Cave Pty Ltd
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- (71) Macau University of Science and Technology  
 (11) AU-A-2017100336  
 (21) 2017100336 (22) 22.03.2017  
 (54) An improved anti-eavesdropping shelter for protection of wireless communication  
 (51) Int. Cl.  
**H04W 12/02** ( 2009.01 )  
**H04K 3/00** ( 2006.01 )  
 (31) 15/432,898 (32) 14.02.17 (33) US  
 (45) 27.04.2017  
 (72) DAI, Hong-Ning; LI, Xuran; WANG, Qiu; VASILAKOS, Athanasios V.  
 (74) MR TAIKY ONG
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- (71) Raitt, P.  
 (11) AU-A-2017100353  
 (21) 2017100353 (22) 27.03.2017  
 (54) A COMPUTING DEVICE, COMPUTER IMPLEMENTED METHOD AND COMPUTER READABLE STORAGE MEDIUM FOR THE GENERATION OF HIERARCHICAL DATA STRUCTURE ENVIRONMENTAL IMPACT ASSESSMENT REPORTS  
 (51) Int. Cl.  
**G06F 17/21** ( 2006.01 )  
**G06Q 10/10** ( 2012.01 )  
**G06Q 50/00** ( 2006.01 )
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- (71) Suegeo Pty Ltd  
 (11) AU-A-2017100357  
 (21) 2017100357 (22) 28.03.2017  
 (54) INTERACTIVE SAFETY TRAINING AND ASSESSMENT  
 (51) Int. Cl.  
**G06Q 50/20** ( 2012.01 )  
 (45) 27.04.2017  
 (72) BAHN, Geoffrey Donald; BAHN, Susanne Therese  
 (74) WRAYS PTY LTD
- 
- (71) Tigarea, L.; Bale, V.  
 (11) AU-A-2017100351  
 (21) 2017100351 (22) 26.03.2017  
 (54) "RugbyStart APP" is a simple APP every Pacific islander in the most remote parts of the Pacific can connect globally and access information on their fingertips. An interactive educational tool to orient the player - it will have a

**Innovation Patents Open to Public Inspection - Name Index cont'd**

rich database of FAQ and players can preview 3D digital insight of the daily routine of a professional ruby player. The digitized 3D animation orientation mentally prepares a young rugby player advance into the international rugby arena. Players can optimize their settings to link their e-portfolio! map their career pathway and network.

(51) Int. Cl.

**G06Q 10/06** ( 2012.01 )

(45) 27.04.2017

(72) Tigarea, Laisa Merlita

(74) Laisa Merlita Tigarea

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**WANG, S. see LEE, M.**

(21) 2017100339

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(71) Wikimiaty, A.

(11) AU-A-2017100349

(21) 2017100349 (22) 26.03.2017

(54) Two Pieces Infant and Baby;s Cloth Wear

(51) Int. Cl.

**A41B 13/08** ( 2006.01 )

(45) 27.04.2017

(72) Wikimiaty, Antona Dihardjo

(74) Antona Dihardjo Wikimiaty

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(71) WU, Y.

(11) AU-A-2017100348

(21) 2017100348 (22) 25.03.2017

(54) Swimming Pool with Display Screen

(51) Int. Cl.

**E04H 4/00** ( 2006.01 )

(45) 27.04.2017

(72) Cao, Yuan; WU, YINNAN

(74) YINNAN WU

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2017100274	HELIMODS PTY LTD
2017100287	Specialist Diagnostic Services Pty Limited
2017100306	3D Image Automation Pty Ltd
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2017100332	Ateliers Busch SA
2017100333	Stuart, M.C.
2017100336	Macau University of Science and Technology
2017100337	Macau University of Science and Technology
2017100338	Day, T.; Day, T.
2017100339	LEE, M.; WANG, S.
2017100341	Burnz, D.J.
2017100343	Chances Transformed Pty Ltd
2017100346	CHEN, G.
2017100347	Franz, L.; Franz, B.
2017100348	WU, Y.
2017100349	Wikimiaty, A.
2017100351	Tigarea, L.; Bale, V.
2017100353	Raitt, P.
2017100355	Australian Coil Services Pty Ltd
2017100356	Nicholls Technologies Pty Ltd
2017100357	Suegeo Pty Ltd
2017100358	PINNACLE DIVERSITY PTY LTD

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<b>A61G 7 /-</b>		2017100332
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	<b>F04C 28 /-</b>	
	2017100332	
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<b>B60Q 5 /-</b>		2017100306
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	2017100353	
<b>B61K 9 /-</b>		
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2017100346		
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2017100287	<b>G06T 11 /-</b>	
<b>B65D 81 /-</b>		2017100337
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- . (\*) Title not in Roman characters
- . (\*\*) Title not given

(71) 11 Pine, Inc.	(43) 24.03.2016	(51) Int. Cl.
(11) AU-A-2015327969	(72) Bezencon, Olivier; Gatfield, John; Heidmann, Bibia; Siegrist, Romain; Stamm, Simon	<b>B01J 2/08</b> ( 2006.01 )
(21) 2015327969	(74) AJ Park IP Pty Ltd	<b>B01J 20/04</b> ( 2006.01 )
(54) System and method of adjusting the fit of clothing		<b>B01J 20/08</b> ( 2006.01 )
(51) Int. Cl. <b>A41D 1/06</b> ( 2006.01 )		<b>B01J 20/28</b> ( 2006.01 )
(87) WO2016/054471		<b>B01J 20/30</b> ( 2006.01 )
(31) 62/059,744	(21) 2015316824	<b>B01J 20/34</b> ( 2006.01 )
(43) 07.04.2016	(22) 18.09.2015	<b>C01D 15/04</b> ( 2006.01 )
(72) Curran, David Jeffrey	(54) Quinoline carboxamides for use in the treatment of multiple myeloma	(87) WO2016/069297
(74) FPA Patent Attorneys Pty Ltd	(51) Int. Cl. <b>A61K 31/47</b> ( 2006.01 )	(31) 62/072,849
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	(87) WO2016/042112	(43) 06.05.2016
	(31) 14185892.8	(21) 2015317514
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	(43) 24.03.2016	(54) Soft robotic actuator attachment hub and grasper assembly, reinforced actuators, and electroadhesive actuators
	(72) Liberg, David; Olsson, Anders; Gabrilovich, Dmitry; Nefedova, Yuliya	(51) Int. Cl.
	(74) Davies Collison Cave Pty Ltd	<b>B25J 15/04</b> ( 2006.01 )
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		(72) Lessing, Joshua Aaron; Knopf, Ryan Richard; Alcedo, Kevin; Vause, Carl Everett
		(74) Davies Collison Cave Pty Ltd
(71) Abiogen Pharma Spa	(71) Advonex International Corp.	(71) Alcoa USA Corp.
(11) AU-A-2015332060	(11) AU-A-2015318539	(11) AU-A-2015315310
(21) 2015332060	(21) 2015318539	(21) 2015315310
(54) Use of neridronic acid or of its salt for the treatment of osteoarthritis	(22) 15.09.2015	(22) 08.09.2015
(51) Int. Cl. <b>A61K 31/663</b> ( 2006.01 )	(54) Production of hydrocarbons by Kolbe decarboxylation of a mixture of saturated and unsaturated fatty acids	(54) Systems and methods of protecting electrolysis cell sidewalls
<b>A61P 19/02</b> ( 2006.01 )	(51) Int. Cl.	(51) Int. Cl.
(87) WO2016/059594	<b>C25B 3/10</b> ( 2006.01 )	<b>C25C 7/00</b> ( 2006.01 )
(31) MI2014A001794	<b>C07C 1/20</b> ( 2006.01 )	<b>C25C 7/02</b> ( 2006.01 )
(43) 21.04.2016	<b>C07C 4/00</b> ( 2006.01 )	<b>C25C 7/06</b> ( 2006.01 )
(72) Massimo, Varenna	<b>C07C 5/22</b> ( 2006.01 )	(87) WO2016/040298
(74) Fisher Adams Kelly Callinans	<b>C07C 6/02</b> ( 2006.01 )	(31) 62/048,375
	(87) WO2016/041065	(32) 10.09.14 (33) US
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	(43) 24.03.2016	(74) WRAYS PTY LTD
	(72) Malevich, Dzmitry; Gibson, Graham	
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(71) Acceleron Pharma Inc.	(71) Afton Chemical Corporation	(71) Alcoa USA Corp.
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(54) Methods and compositions using GDF15 polypeptides for increasing red blood cells	(22) 13.10.2015	(22) 08.09.2015
(51) Int. Cl. <b>A61K 38/18</b> ( 2006.01 )	(54) Fuel composition and method of formulating a fuel composition to reduce real-world driving cycle particulate emissions	(54) Systems and methods of protecting electrolysis cell sidewalls
<b>A61P 7/06</b> ( 2006.01 )	(51) Int. Cl.	(51) Int. Cl.
(87) WO2016/069925	<b>C10L 10/10</b> ( 2006.01 )	<b>C25C 7/00</b> ( 2006.01 )
(31) 62/072,889	(87) WO2016/061035	<b>C25C 7/02</b> ( 2006.01 )
(32) 30.10.14 (33) US	(31) 14/516,627	<b>C25C 7/06</b> ( 2006.01 )
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(72) Kumar, Ravindra; Suragani, Naga Venkata Sai Rajasekhar	(43) 21.04.2016	(31) 62/048,375
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**A61P 19/00** (2006.01 )  
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 (72) Vail, Tony  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Weir Minerals Australia Ltd  
 (11) AU-A-2015318812  
 (21) 2015318812 (22) 14.08.2015  
 (54) Slurry pump impeller  
 (51) Int. Cl.  
*F04D 29/24* (2006.01)  
*F04D 7/04* (2006.01)  
*F04D 29/22* (2006.01)  
 (87) WO2016/040999  
 (31) 2014903676 (32) 15.09.14 (33) AU 2014903675 15.09.14 AU  
 (43) 24.03.2016  
 (72) Walker, Craig Ian  
 (74) Davies Collison Cave Pty Ltd
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- (71) Western University of Health Sciences  
 (11) AU-A-2015346371  
 (21) 2015346371 (22) 11.11.2015  
 (54) Isoform-specific calpain inhibitors, methods of identification, and uses thereof  
 (51) Int. Cl.  
*A61K 38/00* (2006.01)  
*A01N 57/00* (2006.01)  
*A61K 38/05* (2006.01)  
*A61K 38/06* (2006.01)  
 (87) WO2016/077461  
 (31) 62/078,221 (32) 11.11.14 (33) US 19.05.2016  
 (72) Baudry, Michel; Bi, Xiaoning; Standley, Steve; Luo, Lyra; Wang, Yubin; Zhu, Guoqi; Briz, Victor  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) WestRock Packaging Systems, LLC  
 (11) AU-A-2015328450  
 (21) 2015328450 (22) 02.10.2015  
 (54) Carton and carton blank and a handle structure therefor  
 (51) Int. Cl.  
*B65D 71/36* (2006.01)  
 (87) WO2016/057334  
 (31) 62/060,053 (32) 06.10.14 (33) US 14.04.2016  
 (72) Ball, Nathaniel B.; Cash III, John W.  
 (74) Spruson & Ferguson
- 
- (71) Wilcoxon, K.; Fish, T.; Maxwell, J.; Cisek, K.; Johnson, M.; The Glad Products Company  
 (11) AU-A-2015314911  
 (21) 2015314911 (22) 11.09.2015
- (54) Films and bags with visually distinct regions and methods of making the same  
 (51) Int. Cl.  
*B65D 30/08* (2006.01)  
 (87) WO2016/040765  
 (31) 14/485,463 (32) 12.09.14 (33) US 17.03.2016  
 (72) Wilcoxon, Kyle R.; Fish, Theodore J.; Maxwell, Jason R.; Cisek, Kenneth E.; Johnson, Michael O.  
 (74) Shelston IP Pty Ltd
- 
- (71) Wockhardt Limited  
 (11) AU-A-2015208830  
 (21) 2015208830 (22) 20.01.2015  
 (54) Pharmaceutical compositions comprising antibacterial agents  
 (51) Int. Cl.  
*A61K 31/439* (2006.01)  
*A61P 31/00* (2006.01)  
 (87) WO2015/110950  
 (31) 193/MUM/2014 (32) 21.01.14 (33) IN 30.07.2015  
 (72) Patel, Mahesh Vithalbhai; Bhagwat, Sachin; Satav, Jaykumar Satwaji; Khande, Hemant Narendra; Joshi, Prashant Ratnakar; Palwe, Snehal Rameshwar  
 (74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Xenotherapy  
 (11) AU-A-2015332634  
 (21) 2015332634 (22) 15.10.2015  
 (54) Composition with reduced immunogenicity  
 (51) Int. Cl.  
*C07K 16/08* (2006.01)  
*A01K 67/027* (2006.01)  
*C07K 16/10* (2006.01)  
*C07K 16/12* (2006.01)  
*C07K 16/14* (2006.01)  
*C12N 9/02* (2006.01)  
*C12N 9/10* (2006.01)  
*C12N 9/22* (2006.01)  
*C12N 9/40* (2006.01)  
 (87) WO2016/059161  
 (31) 14306633.0 (32) 15.10.14 (33) EP 21.04.2016  
 (72) Duvaux, Odile; Souillou, Jean-Paul  
 (74) Spruson & Ferguson
- 
- (71) Yuyama Mfg. Co., Ltd.  
 (11) AU-A-2015338159  
 (21) 2015338159 (22) 15.10.2015  
 (54) Drug dispensing device  
 (51) Int. Cl.  
*A61J 3/00* (2006.01)  
 (87) WO2016/067929  
 (31) 2014-222313 (32) 31.10.14 (33) JP 06.05.2016  
 (72) Koike, Naoki; Fukada, Masao  
 (74) In-Legal Limited
- 
- (71) Zoetis Services LLC  
 (11) AU-A-2015328490  
 (21) 2015328490 (22) 01.10.2015

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

(54) Needle for delivering treatment fluid to  
an avian bird, and associated assembly  
and method

(51) Int. Cl.

**A61D 1/02** ( 2006.01 )

**A61M 5/315** ( 2006.01 )

(87) WO2016/057297

(31) 62/061,835 (32) 09.10.14 (33) US

(43) 14.04.2016

(72) Samson, William Douglas

(74) Davies Collison Cave Pty Ltd

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(71) Zumex Group, S.A.

(11) AU-A-2015332659

(21) 2015332659 (22) 15.10.2015

(54) Improved automatic squeezer with the  
entire squeezing unit interconnected by  
a support independent of the drive unit

(51) Int. Cl.

**A23N 1/00** ( 2006.01 )

(87) WO2016/059186

(31) P201431535 (32) 17.10.14 (33) ES

(43) 21.04.2016

(72) Flotats Molinas, Antonio

(74) Davies Collison Cave Pty Ltd

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2013346947	EST Energetics GmbH	2015314341	Koninklijke Philips N.V.
2014405666	Daeyang Rollent Co., Ltd.	2015314743	Nunez, A.
2014405884	Delphius Commercial And Industrial Technologies (Pty) Ltd; King, D.J.	2015314772	Pellficure Pharmaceuticals, Inc.
2014405892	Cooler Lot, LLC	2015314783	Board of Regents of The University of Texas System; Amprion, Inc.; Jara, C.; Shahnawaz, M.; Lebovitz, R.; Vollrath, B.
2014405919	Bristol-Myers Squibb Company	2015314911	Wilcoxon, K.; Fish, T.; Maxwell, J.; Cisek, K.; Johnson, M.; The Glad Products Company
2014405934	Neuros Medical, Inc	2015314958	GE Oil & Gas Pressure Control LP
2014405942	InnoVision, Inc.; Glover, T.A.; Russell, T.A.	2015315001	The Climate Corporation
2014406800	Gree Electric Appliances, Inc, of Zhuhai	2015315034	Munters Corporation
2014407795	Asics Corporation	2015315047	Washington University
2014408099	Huawei Technologies Co., Ltd.	2015315063	Bristol-Myers Squibb Company
2014408102	Huawei Technologies Co., Ltd.	2015315103	Igenomx International Genomics Corporation
2014408255	GE Oil & Gas, Inc.	2015315155	OpenTV, Inc.
2014408278	Neogen Corporation	2015315225	Meadows, M.
2014408523	Telefonaktiebolaget LM Ericsson (publ)	2015315299	Skytran Inc.
2014408525	Prysmian S.p.A.	2015315310	Alcoa USA Corp.
2014408915	Sandvik Mining and Construction OY	2015315370	Keurig Green Mountain, Inc.
2014409090	Synaptive Medical (Barbados) Inc.	2015315380	Alcoa USA Corp.
2014409115	Machine Zone, Inc.	2015315437	Innoflex Incorporated
2014409209	Unicharm Corporation	2015315455	Gotham Biopharmaceuticals, Inc.
2014409915	Piao, C.	2015315514	DePuy Synthes Products, Inc.
2014409929	Technological Resources Pty Ltd	2015315571	Allergan, Inc.
2014410779	SCA Hygiene Products AB	2015315654	Medtronic Xomed, Inc.
2014410872	Mitsubishi Electric Corporation	2015315829	Regeneron Pharmaceuticals, Inc.
2014411407	Renmatix, Inc.	2015316010	Hutchison MediPharma Limited
2014411648	Mitsubishi Electric Corporation	2015316177	Smith, D.
2014411846	National Defense Medical Center	2015316178	Opal IP Pty Ltd
2014412035	Halliburton Energy Services, Inc.	2015316191	National ICT Australia Limited
2014412065	Halliburton Energy Services, Inc.	2015316563	AstroBot
2014412066	Halliburton Energy Services, Inc.	2015316587	Wealth Wizards Limited
2014412283	Mitsubishi Electric Corporation	2015316666	Teknologian Tutkimuskeskus VTT Oy
2014412808	Halliburton Energy Services, Inc.	2015316709	Oxular Limited
2014412852	Halliburton Energy Services, Inc.	2015316710	Oxular Limited
2014413429	Mitsubishi Electric Corporation	2015316764	Raffalt, H.
2014413673	Halliburton Energy Services, Inc.	2015316799	Oncodesign S.A.
2014413973	Halliburton Energy Services, Inc.	2015316801	Oncodesign S.A.; Ipsen Pharma S.A.S.
2014414020	Halliburton Energy Services, Inc.	2015316824	Active Biotech AB
2014414065	Halliburton Energy Services, Inc.	2015317022	Actelion Pharmaceuticals Ltd
2014415553	Halliburton Energy Services, Inc.	2015317071	Bouygues Travaux Publics
2014415591	Halliburton Energy Services, Inc.	2015317280	CSIR
2014415617	Halliburton Energy Services, Inc.	2015317320	Flex Partners
2014415641	Halliburton Energy Services, Inc.	2015317329	Forma Therapeutics, Inc.
2014415645	Halliburton Energy Services, Inc.	2015317339	Eupraxia Pharmaceuticals Inc.
2014415650	Halliburton Energy Services, Inc.	2015317342	Naya Health, Inc.
2015208830	Wockhardt Limited	2015317358	Board of Regents, The University of Texas System
2015310517	Kocherry, P.T.J.; Kochery, P.T.; Vadakkemuri, M.J.	2015317409	Merck Patent GmbH
2015310896	Fraunhofer-Gesellschaft zur Foerderung der ange-wandten Forschung e.V.	2015317410	Merck Patent GmbH
2015311252	Fresenius Medical Care Deutschland GmbH	2015317411	Merck Patent GmbH
2015311370	Lianyungang Jinkang Hexin Pharmaceutical Co., Ltd.	2015317514	Alcedo, K.; Lessing, J.; Vause, C.; Knopf, R.; Soft Ro-botics, Inc.
2015311606	Figtree, G.	2015317532	Iantech, Inc.
2015311677	Nantomics, LLC; Soon-Shiong, P.; Rabizadeh, S.	2015317712	The Johns Hopkins University
2015311732	Molnlycke Health Care AB	2015317864	Cornell University
2015313264	Sumitomo Chemical Company, Limited; Riken	2015317873	MasterCard International Incorporated
2015313785	Recro Gainesville LLC	2015317937	Shenzhen Chipscreen Biosciences, Ltd.
2015313807	Emefcy Ltd.	2015318142	Boston Scientific Neuromodulation Corporation
2015313847	Lograr Group Limited	2015318539	Advenex International Corp.
2015313924	Inocucor Technologies, Inc.	2015318702	Temasek Life Sciences Laboratory Limited
2015313975	Eulysis UK Limited	2015318731	Thompson Lafferty Design Limited
2015313979	Capaltec Limited	2015318798	Leica Biosystems Melbourne Pty Ltd
2015313992	Centrica Connected Home Limited	2015318803	Palmaya Pty Ltd
2015313998	Centrica Connected Home Limited	2015318812	Weir Minerals Australia Ltd
2015314009	Industrial Tomography Systems PLC	2015319107	Kobayashi Pharmaceutical Co., Ltd.
2015314012	Inmarsat Global Limited	2015319108	Kobayashi Pharmaceutical Co., Ltd.
2015314049	SBD Apparel Ltd	2015319825	Two Pore Guys, Inc.
2015314139	Sivantos Pte. Ltd.	2015320043	Facebook, Inc.
2015314163	Numares AG		
2015314257	Gro-Group International Ltd		

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2015320137	North China Pharmaceutical New Drug R&D Co., Ltd.	2015327882	Cedars-Sinai Medical Center
2015320142	Hutchison MediPharma Limited	2015327930	Aspen Aerogels, Inc.
2015320195	Hong Guan Ltd.; Peking University; Beijing Vitalstar Biotechnology Co., Ltd.	2015327969	11 Pine, Inc.
2015320325	Renmatix, Inc.	2015328002	Protagonist Therapeutics, Inc.
2015320328	Renmatix, Inc.	2015328014	Wake Forest University Health Sciences
2015320330	Renmatix, Inc.	2015328090	Medimmune, LLC
2015320338	Tate & Lyle Custom Ingredients LLC	2015328138	NuTech Medical, Inc.
2015320400	Immutrex Therapeutics, Inc.	2015328153	Qualyst Transporter Solutions, LLC
2015320694	City of Hope	2015328174	Pulmatrix Operating Company, Inc.
2015320825	Cordis Corporation	2015328211	Vertex Pharmaceuticals Incorporated
2015321057	Mack Rides GmbH & Co. KG	2015328242	D B Industries, LLC
2015321421	Medical University of Vienna; St Vincent's Hospital Sydney Limited	2015328255	Exicure, Inc.
2015321454	Cordis Corporation	2015328307	The Research Foundation for The State University of New York
2015321653	Fosbel, Inc.	2015328360	Flatley Discovery Lab, LLC
2015321710	Simpson Strong-Tie Company, Inc.	2015328377	Boston Scientific Scimed, Inc.
2015322029	Oxeia Biopharmaceuticals, Inc.	2015328385	Smartwash Solutions, LLC
2015322099	Krefting, A.	2015328414	Cortexyme, Inc.
2015322190	Bubbly Group AS	2015328450	Signal Pharmaceuticals, LLC
2015322196	Rotacon Engineering Limited	2015328490	WestRock Packaging Systems, LLC
2015322198	Rotacon Engineering Limited	2015328628	Zoetis Services LLC
2015322203	Fisher & Paykel Healthcare Limited	2015328645	Cryptzone North America, Inc.
2015323209	Kawasaki Jukogyo Kabushiki Kaisha	2015328709	Richman, L.
2015323280	Senecio Ltd.	2015328710	Armstrong World Industries, Inc.
2015323351	Storone Ltd.	2015328711	Armstrong World Industries, Inc.
2015323522	The University Court of The University of Edinburgh	2015328712	Armstrong World Industries, Inc.
2015323575	SPEX Engineering (UK) Limited	2015328713	Armstrong World Industries, Inc.
2015323668	Carl Zeiss Meditec AG	2015328714	Armstrong World Industries, Inc.
2015323744	Integragen	2015328736	Northern Mining Products AB
2015323905	Mad Apparel, Inc.	2015328779	N & U AS
2015323953	Rhodia Operations	2015329027	Eisai R&D Management Co., Ltd.
2015324017	Cooper Technologies Company	2015329070	Cytlimic Inc.
2015324179	ELC Management LLC	2015329163	Prime Polymer Co., Ltd.
2015324331	ELC Management LLC	2015329264	Kyoraku Co., Ltd.
2015324333	ELC Management LLC	2015329459	Panasonic Intellectual Property Management Co., Ltd.
2015324334	ELC Management LLC	2015329588	Outotec (Finland) Oy
2015324335	ELC Management LLC	2015329663	Enzymotec Ltd.
2015324338	ELC Management LLC	2015329696	The United States of America, as represented by The Secretary, Department of Health and Human Services
2015324346	MasterCard International Incorporated	2015329719	Formica Corporation
2015324416	Eaton Corporation	2015329723	Rare Element Resources, Ltd.
2015324750	LG Electronics Inc.	2015329756	NCH Corporation
2015324988	Lyrical Labs Video Compression Technology, LLC	2015329840	Universite Clermont Auvergne; Centre National de la Recherche Scientifique (C.N.R.S.); Institut Francais de Mecanique Avancee
2015325097	Kraft Foods Group Brands LLC	2015329931	Nutreco Nederland B.V.
2015325137	Caterpillar Inc.	2015329938	PGS Geophysical AS
2015325279	Daiichi Sankyo Company, Limited; National Cancer Center	2015329965	EngMab AG
2015326129	Daisho Chemical R&D Inc.; Sonic Foundation Pte Ltd	2015329966	EngMab AG
2015326220	Kawasaki Jukogyo Kabushiki Kaisha	2015329971	Cryovac, Inc.
2015326489	Sun Pharmaceutical Industries Limited	2015329972	Cryovac, Inc.
2015326565	Norcros Group (Holdings) Ltd	2015329976	Universite de Bourgogne; Institut National Superieur des Sciences Agronomiques, de L'alimentation et de L'environnement
2015326572	Special Products Limited	2015329977	University of Massachusetts; BASF SE
2015326808	Dong Energy Thermal Power A/S	2015330010	Eratech S.R.L.
2015326889	Politecnico di Milano; Pirelli Tyre S.p.A.	2015330017	Collectis
2015326919	Calderys France	2015330089	Institut National des Radioelements
2015326927	Jowat SE	2015330126	Sandvik Intellectual Property AB
2015326936	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin	2015330180	Evonik Degussa GmbH
2015326987	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin	2015330216	PGS Geophysical AS
2015327425	Jorgen Kruuse A/S	2015330436	Vestas Wind Systems A/S
2015327446	Huawei Technologies Co., Ltd.	2015330437	Vestas Wind Systems A/S
2015327566	Huawei Technologies Co., Ltd.	2015330500	Huawei Technologies Co., Ltd.
2015327573	Huawei Technologies Co., Ltd.	2015330554	Jiangsu Hengrui Medicine Co., Ltd.
2015327692	Newtrax Holdings Inc.	2015330670	Dicerna Pharmaceuticals, Inc.
2015327782	Kustom Signals, Inc.	2015330672	Direct Drive Systems, Inc.
2015327812	Cedars-Sinai Medical Center	2015330702	Joy MM Delaware, Inc.; The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services
2015327817	Allergan, Inc.	2015330752	Encore Medical, LP DBA DJO Surgical
2015327819	Massachusetts Institute of Technology		
2015327824	City of Hope		

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2015330855	Anthrogenesis Corporation	2015334736	Reckitt Benckiser (Brands) Limited
2015330856	Becton, Dickinson and Company	2015334835	ProQR Therapeutics II B.V.
2015330888	Rochal Industries, LLC	2015334902	British American Tobacco (Investments) Limited
2015330889	Rochal Industries, LLC	2015335105	Bayer CropScience NV
2015330898	The Trustees of the University of Pennsylvania; Novartis AG	2015335172	Syngenta Participations AG
2015330900	University of Washington	2015335174	Syngenta Participations AG
2015330906	Sage Therapeutics, Inc.	2015335648	Schlumberger Technology B.V.
2015330945	System 7 - Railsupport GmbH	2015335725	Research Corporation Technologies, Inc.
2015330960	Ferman, M.	2015335808	Caisson Interventional, LLC
2015330964	Commonwealth Scientific and Industrial Research Organisation	2015335844	NGM Biopharmaceuticals, Inc.
2015330972	Spinal Developments Pty Ltd	2015335896	Bright Energy Storage Technologies, LLP
2015330999	Delex Teknik AB	2015335952	Uber Technologies, Inc.
2015331035	Fit For Me B.V.	2015336085	TASER International, Inc.
2015331596	Computer Sciences Corporation	2015336109	Research Triangle Institute
2015331602	Amgen Inc.	2015336149	T.F.H. Publications, Inc.
2015331606	University of Florida Research Foundation	2015336246	T.F.H. Publications, Inc.
2015331870	Cargill, Incorporated	2015336347	Eastman Chemical Company
2015331962	NEC Corporation	2015336918	Pocket Sky OG
2015332037	Novartis AG	2015336989	Visa International Service Association
2015332060	Abiogen Pharma Spa	2015337595	Mitsubishi Electric Corporation
2015332110	Mainstay Medical Limited	2015337847	FCI Holdings Delaware, Inc.
2015332151	Pfizer Inc.	2015337909	Delta-Fly Pharma, Inc.
2015332181	Nuovo Pignone Srl	2015338042	Shionogi & Co., Ltd.
2015332207	University College Cardiff Consultants Limited	2015338159	Yuyama Mfg. Co., Ltd.
2015332293	Outotec (Finland) Oy	2015338684	Lubrizol Advanced Materials, Inc.
2015332299	Junttan Oy	2015338818	Piaggio & C. SpA
2015332447	Novartis AG	2015338824	Averbuch, D.
2015332506	ICB Pharma	2015338896	Astrolink International LLC; Dominion Energy Technologies, Inc.
2015332526	Techderm, LLC	2015338931	BiOWiSH Technologies, Inc.
2015332533	Halozyme, Inc.	2015338984	The Trustees of the University of Pennsylvania
2015332563	Handi-Craft Company	2015339134	Acceleron Pharma Inc.
2015332625	BASF SE	2015339222	Gilead Sciences, Inc.
2015332634	Xenothena	2015339223	Gilead Sciences, Inc.
2015332659	Zumex Group, S.A.	2015339242	Johnson & Johnson Consumer Inc.
2015332714	Nopco Paper Technology Gmbh	2015339316	Ball Corporation
2015332742	Nunhems B.V.	2015339358	Avent, Inc.
2015332778	TwingTec AG; EMPA Eidg. Materialprüfungs- und Forschungsanstalt	2015339363	Novelis Inc.
2015332941	Campagnaro, F.; Ribotta, E.	2015339573	Honeywell International Inc.
2015333112	Unilever PLC	2015339679	Myriant Corporation
2015333148	SCV GmbH	2015339743	The Trustees of the University of Pennsylvania
2015333530	Apotex Inc.	2015339744	The Trustees of the University of Pennsylvania
2015333547	Canfor Pulp Ltd; Licella Pty Ltd	2015339757	Albemarle Corporation
2015333577	Powasports Pty Ltd	2015339764	N2 Packaging Systems, LLC
2015333580	The University of Melbourne	2015340292	LG Electronics Inc.
2015333581	Jackperlinski.com Holdings Pty Ltd	2015340297	Battelle Memorial Institute
2015333623	Empire Technology Development LLC	2015340298	Battelle Memorial Institute
2015333644	Covidien LP	2015340346	Permasense Limited
2015333668	Bostik, Inc.	2015340359	Big DNA Ltd
2015333678	Riptide Bioscience, Inc.	2015340502	Bombardier Transportation GmbH
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2015333703	The Werc Shop, LLC	2015340755	Bayer Animal Health GmbH
2015333710	Monosol, LLC	2015340774	SIG Technology AG
2015333723	Roadtec, Inc.	2015340798	Unilever PLC
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2015333762	MonoSol, LLC	2015341008	Byo Towers, S.L.
2015333763	MonoSol, LLC	2015341341	Center Laboratories, Inc.
2015333772	Afton Chemical Corporation	2015341801	F. Hoffmann-La Roche AG
2015333781	Smith & Nephew, Inc.	2015341922	Novozymes A/S
2015333812	Schurter, A.; Warmerdam, J.	2015341926	Janssen Vaccines & Prevention B.V.
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2015334651	CGG Services SAS	2015342940	Flexus Biosciences, Inc.
2015334667	MorphPackers Ltd.	2015342968	Selecta Biosciences, Inc.
		2015342969	Selecta Biosciences, Inc.
		2015342990	E. I. du Pont de Nemours and Company
		2015343007	Herzog Railroad Services, Inc.

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2015343224	The Procter & Gamble Company	2015361018	E. I. du Pont de Nemours and Company
2015343265	Shell Internationale Research Maatschappij B.V.	2015362286	Samsung Electronics Co., Ltd.
2015343391	Shell Internationale Research Maatschappij B.V.	2015362748	Bellicum Pharmaceuticals, Inc.
2015343494	Genentech, Inc.	2015362753	Bellicum Pharmaceuticals, Inc.
2015343509	Anellotech, Inc.	2015363518	Siemens Aktiengesellschaft
2015343647	Northrop Grumman Systems Corporation	2015363700	Emeriti Pharma AB
2015343712	Placik, O.; Pensler, J.	2015363877	Samsung Electronics Co., Ltd.
2015343784	BAE Systems Hagglunds Aktiebolag	2015366380	Novozymes A/S
2015343845	Exostemtech Co., Ltd.	2015368179	Samsung Electronics Co., Ltd.
2015344324	Toray Industries, Inc.; National Institute of Advanced Industrial Science and Technology	2015370600	Preiss-Bloom, O.; Ossio Ltd
2015344384	Eagle Industry Co., Ltd.	2015372160	Qingdao Haier Joint Stock Co., Ltd
2015344435	Chaturvedi, A.	2015374094	Stoller Enterprises, Inc.
2015344436	Jain Irrigation Systems Limited	2015375971	Mitsubishi Electric Corporation
2015344437	Jain Irrigation Systems Limited	2015376865	Mine RP Holdings (Pty) Limited
2015344933	Smiths Medical International Limited	2015380288	Analytica Limited
2015345199	Ventana Medical Systems, Inc.	2015400311	Huawei Technologies Co., Ltd.
2015345284	Nexans	2015405046	The Asan Foundation
2015345387	LPG Suisse AG	2016230060	JX Nippon Mining & Metals Corporation
2015345388	LPG Suisse AG	2016234208	JX Nippon Mining & Metals Corporation
2015345992	Lacey, B.J.D.	2016260347	China University Of Petroleum (East China); Research
2015346021	Siegel, J.		Institute of Petroleum Exploration And Development,
2015346042	Ionis Pharmaceuticals, Inc.	2016297714	Shengli Oilfield Company Limited, Sinopec
2015346097	Biomerica, Inc.	2016310331	Guangdong Meizhi Compressor Co., Ltd.
2015346163	Colgate-Palmolive Company		Valvoline Licensing and Intellectual Property, LLC
2015346371	Western University of Health Sciences		
2015346374	Johnson & Johnson Consumer Inc.		
2015346452	Hunter Douglas Inc.		
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2015347206	Applied Medical Resources Corporation		
2015347807	Neostyle B Co., Ltd.		
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2015340584	<b>C07D 475 /-</b>	2015315063	<b>C08G 63 /-</b>	<b>C09J 201 /-</b>	<b>C11D 11 /-</b>
<b>C07D 295 /-</b>	2015311370	2015315829	2015329977	2015320330	2015329756
2015335172	<b>C07D 487 /-</b>	2015317712	2015339679	<b>C09K 11 /-</b>	<b>C11D 3 /-</b>
2015340755	2015327819	2015327824	2015342969	2015317410	2015329756
<b>C07D 303 /-</b>	2015316801	2015328090	<b>C08G 65 /-</b>	2015320330	2015330180
	2015320142	2015329696	<b>C09K 3 /-</b>	<b>C09K 3 /-</b>	<b>C12G 1 /-</b>
2015340359	2015326987	2015329965	2015355965	2015319107	
	2015330554	2015329966	2015331602	2015319108	2015329976
<b>C07D 307 /-</b>	2015339222	2015332151	<b>C08G 8 /-</b>	2015319108	
2015335174	2015339223	2015332634	2015320325	<b>C09K 8 /-</b>	<b>C12G 3 /-</b>
		2015333687	<b>C08G 81 /-</b>	2014413673	2015329976
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2015340755	<b>C07D 498 /-</b>	2015343494	2015342969	<b>C10G 1 /-</b>	<b>C12H 1 /-</b>
<b>C07D 333 /-</b>	2015316799	2015348640	<b>C08J 11 /-</b>	2015342013	2015329976
2015335172	2015316801	2015357053	2015342121	2015350437	<b>C12J 1 /-</b>
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		2015317864	2015326927	2015340297	
2015335174	<b>C07D 519 /-</b>	<b>C07K 4 /-</b>	2015342121	<b>C10G 3 /-</b>	<b>C12M 1 /-</b>
<b>C07D 401 /-</b>	2015320142	2015327824	<b>C08J 5 /-</b>	2015340297	2015326808
	2015338042	2015339222	<b>C07K 7 /-</b>	2015340298	2015328779
2015317022	2015339223	2015339223	2015329163		<b>C12N 1 /-</b>
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2015317712	<u>C21D 9 /-</u>	<u>D06F 25 /-</u>	<u>E02D 3 /-</u>		<u>F01K 23 /-</u>
<u>C12N 15 /-</u>	2015351836	2014405884	2015326129	2015323575 2015334667	2015335896
2015313264	<u>C22B 15 /-</u>	<u>D06F 35 /-</u>	<u>E02D 5 /-</u>	<u>E21B 34 /-</u>	<u>F01K 27 /-</u>
2015320694					
2015328242	2015329588	2014405884	2015337847	2014415650	2015335896
2015328255	2016234208				
2015329070	<u>D06F 39 /-</u>	<u>E02D 7 /-</u>		<u>E21B 37 /-</u>	<u>F02B 67 /-</u>
2015330670	<u>C22B 3 /-</u>	2014405884	2015332299	2014414065	2015334104
2015334835					
2015335105	2015329723				
2015338984	2016230060	<u>D06F 58 /-</u>	<u>E02F 3 /-</u>	<u>E21B 4 /-</u>	<u>F02C 1 /-</u>
2015339743	2016234208	2014405884	2014408915	2014413973	2015332181
2015344324	<u>C22B 59 /-</u>	<u>D06N 1 /-</u>	<u>E02F 9 /-</u>	<u>E21B 41 /-</u>	<u>F02C 3 /-</u>
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2015348641	2015329723	2015328709	2014408915	2014415650	2015326220
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2015366380		2015328711	<u>E03D 9 /-</u>	<u>E21B 43 /-</u>	<u>F02C 7 /-</u>
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2015313264		2015328714	<u>E04F 10 /-</u>	2014413673	<u>F02F 1 /-</u>
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2015330017	2015339363	<u>D06N 7 /-</u>	2015313847	2014412065	2015335896
2015330898				2014412066	
2015344324	<u>C23C 16 /-</u>	2015328710	<u>E04F 13 /-</u>	2014412808	<u>F03B 13 /-</u>
2015362748		2015328712		2014414020	
2015362753	2015333580		2015326565	2014415553	2014409915
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2015332533	2015329756	2015333547	2015328711	2014415645	
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2015344324	2015355057	2015332714	<u>E04H 12 /-</u>	2014412066	2015344436
2015366380				2015317071	<u>F04C 18 /-</u>
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2015336347	2015355057	2015332714	2015341008	2015330702	<u>F04D 29 /-</u>
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2015336347	2015318539	2015333547	2015345992	2015330126	<u>F04D 7 /-</u>
<u>C12P 19 /-</u>	<u>C25C 7 /-</u>	<u>D21C 9 /-</u>		2015330702	
			<u>E04H 15 /-</u>		2015318812
2015344324	2015315310	2015332714	2015330436	<u>E21D 11 /-</u>	
2015346042	2015315380	2015333547	2015316177	2015317071	<u>F15B 15 /-</u>
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2015338984	2015333580	2015332714	2015336246	2015330126	<u>F16B 13 /-</u>
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2015314783	<u>C40B 40 /-</u>	<u>E01C 19 /-</u>	2014415591	2015328736	2015330999
2015315103				2015337847	
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2015330844	<u>D01F 6 /-</u>	<u>E01H 1 /-</u>	2014415591	2015317071	2015337847
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2015321710	2015317280	2015335896	2015317280	2015343784	2015346555
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2015337847	2015326919	2014410872	2015338896	2015315225	2015376865
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2015328211	2015326220	2015330900	2014409090	2015349927	2015333581
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2015334704	2015375971	2015330900	2015314163	<u>G06F 17 /-</u>	<u>G06T 3 /-</u>
2015348894	2014406800	2015330900	<u>G01S 13 /-</u>	2014409115	2015343265
<u>F16C 29 /-</u>	<u>F24F 11 /-</u>	<u>F41F 3 /-</u>	2015316666	2015336989	2015343784
2014411648	2014412283	<u>G01B 11 /-</u>	2015327782	<u>G06F 19 /-</u>	<u>G06T 7 /-</u>
<u>F16C 33 /-</u>	2014413429	<u>G01B 11 /-</u>	<u>G01S 17 /-</u>	2015311677	2015318702
2015348894	2015351400	2015313979	2014409929	2015318702	2015334707
2015354454	2015354454	2015313979	2015313979	2015318798	2015357091
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2015345284	2014412283	2015313979	<u>G01S 19 /-</u>	2015315225	2015322190
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2015334667	2015329264	20153355142	2015318702	2015345199	
2015344384	2014410872	<u>G01N 23 /-</u>	2015329938	2015357091	2015330089
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2015334704	2016260347	2015320043	2015315225	2015317410	
<u>F16M 5 /-</u>	2015375971	<u>G01N 27 /-</u>	2015343784	<u>G06N 99 /-</u>	<u>H01G 4 /-</u>
2015332181	2015314009	2015328377	2015343647	2015343211	
2015332181	2015346531	2015346531	<u>G02B 6 /-</u>	<u>G06Q 10 /-</u>	<u>H01H 33 /-</u>
<u>F16M 7 /-</u>	2014412283	2014408525	2015315001	2015356244	
2015332181	2015351400	2015328377	2015329459	2015346021	<u>H01H 37 /-</u>
<u>F16N 7 /-</u>	2015354141	<u>G01N 29 /-</u>	2015340346	201534021	
2016310331	2015354141	<u>G01N 33 /-</u>	2015323668	2015376865	2015324017
<u>F17C 13 /-</u>	2014405919	2014405919	<u>G05B 15 /-</u>	<u>G06Q 20 /-</u>	<u>H01L 23 /-</u>
2015323209	2015314009	2015314009	2015344436	2015317873	2015315155
2015345387	2015314783	2015314783	2015334634	2015336989	<u>H01S 5 /-</u>
<u>F17C 5 /-</u>	2015317409	2015317409	<u>G05B 23 /-</u>	2015336989	
2015354142	2015317411	2015317411	2015334100	<u>G06Q 30 /-</u>	2015330500
2015354142	2015328138	2015328138	2015334100		
2015345388	2015328255	2015328255	<u>G05D 1 /-</u>	2015333581	<u>H02H 9 /-</u>
<u>F17C 9 /-</u>	2015330898	2015330898	2014409929	<u>G06Q 50 /-</u>	2015324017
2015323209	2015335844	2015335844	2015317280	2015315001	
2015323209	2015346097	2015346097	2015317280	2015318798	<u>H02J 13 /-</u>
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	2015336085	
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2015363518	<b><u>H04N 5 /-</u></b>	2015315155
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2015344437	<b><u>H04R 25 /-</u></b>	
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2015400311	<b><u>H04R 29 /-</u></b>	
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<b><u>H04B 10 /-</u></b>	2015355926	
2015327566	<b><u>H04W 16 /-</u></b>	
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2015314012		2015353485
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2015328628		
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2015327573	2015355926	
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2012233964	Nippon Steel & Sumikin Engineering Co., Ltd.; Cosmo Oil Co., Ltd.; Japan Petroleum Exploration Co., Ltd.; JX Nippon Oil & Energy Corporation; Inpex Corporation; Japan Oil, Gas and Metals National Corporation	2013207610	JOMET OY
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2012277493	Minesense Technologies Ltd.	2013243302	HeartWare, Inc.
2012282692	Billion King International Limited	2013244451	Sekisui Techno Molding Co., Ltd.
2012283837	Kiser, P.	2013245060	Technip France
2012290955	Toray Industries, Inc.	2013245068	Nestec S.A.
2012293161	Astellas Pharma Inc.	2013245349	Koninklijke Philips N.V.
2012296477	Keranetics LLC	2013246443	The United States of America, as represented by the Secretary, Department of Health and Human Services
		2013249043	Fractyl Laboratories, Inc.
		2013249217	Merial, Inc.
		2013251338	Glanbia Nutritionals (Ireland) Ltd.

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2013252493	Greystone Technologies Pty Ltd	2014218319	Zimdahl, A.
2013254493	The University of Sussex	2014218800	Stiefel Laboratories, Inc.
2013257530	Les Laboratoires Servier	2014219558	Samsung Electronics Co., Ltd.
2013260233	Telefonaktiebolaget L M Ericsson (publ)	2014220357	Pfizer Inc.
2013262370	TecPharma Licensing AG	2014222671	apceth GmbH & Co. KG
2013265705	Katz, E.	2014226654	Bitdefender IPR Management Ltd
2013270979	Ares Trading S.A.	2014229606	Crystal Inorganic Chemicals Switzerland Ltd.
2013271799	CFPH, LLC	2014231696	Burcon Nutrascience (MB) Corp.
2013276984	Samsung Electronics Co., Ltd.	2014232881	The Children's Medical Center Corporation
2013277234	TherapeuticsMD, Inc.	2014235142	The Sherwin-Williams Company
2013279337	Hoganas AB (publ)	2014235352	Theracell, Inc.
2013280462	Edgewell Personal Care Brands, LLC.	2014236107	Facebook, Inc.
2013284328	The Trustee for House of Parts Trust, trading as House of Parts Pty Ltd	2014238680	Nanobiosys Inc.
2013285422	F. Hoffmann-La Roche AG	2014244399	PPG Industries Ohio, Inc.
2013286194	FMC Kongsberg Subsea AS	2014247285	Constantia Teich GmbH; Research Center For Non Destructive Testing GmbH
2013292695	The United States of America, as represented by the Secretary, Department of Health and Human Services	2014247941	University of Maryland, Baltimore
2013294933	Davalor Consultoria Estrategica y Tecnologica, S.L.	2014248932	Herzog Contracting Corp.
2013295227	Indena S.p.A.	2014249401	Kraft Foods Group Brands LLC
2013301260	Avent, Inc.	2014257554	Maxamcorp Holding, S.L.
2013301870	Merck Patent GmbH	2014257815	Unilever Plc
2013303012	Neostem Oncology, LLC	2014258079	Samsung Electronics Co., Ltd.
2013308254	NOV Downhole Eurasia Limited	2014262380	Chester, D.
2013313103	Freolla LLC	2014262383	Xflam Pty Ltd
2013315969	Alcon Research, Ltd.	2014262530	H.B. Fuller Company
2013317919	D.C. Water & Sewer Authority	2014262645	Talbot, C.; Hyde Tools, Inc.; Metaxatos, P.; Napolitan, J.; McGee, J.; Nevin, J.; Farland, R.
2013323552	MeadWestvaco Packaging Systems, LLC	2014263111	Dolby Laboratories Licensing Corporation
2013324198	Zoetis Services LLC	2014264685	SICPA HOLDING SA
2013326579	Institut National des Sciences Appliquees de Rouen (INSA); Universite de Rouen; Centre National de la Recherche Scientifique (CNRS)	2014266828	KBA-NotaSys SA
2013335242	Troxler Electronic Laboratories, Inc.	2014271342	Revivicor, Inc.
2013342997	Council of Scientific & Industrial Research	2014275020	Shell Internationale Research Maatschappij B.V.
2013343374	ARTEION	2014279704	Kimberly-Clark Worldwide, Inc.
2013344818	International Scientific Pty Ltd	2014280035	Aspen Aerogels, Inc.
2013347538	Merck Sharp & Dohme Corp.	2014280439	Unilever PLC
2013350319	Women's and Children's Health Network Inc; University of South Australia; Flinders University of South Australia	2014283333	Becton Dickinson Rowa Germany GmbH
2013353424	Charlotte Pipe and Foundry Company	2014283692	Pharmathen S.A.
2013354119	Nestec S.A.	2014284673	Solenis Technologies Cayman, L.P.
2013361268	W.L. Gore & Associates, Inc.	2014287474	Magnetek, Inc.
2013361283	W. L. Gore & Associates, Inc.	2014292277	Akzo Nobel Coatings International B.V.
2013363289	W. L. Gore & Associates, Inc.	2014296184	Gilead Sciences, Inc.
2013370504	Dow AgroSciences LLC	2014296259	Musculoskeletal Transplant Foundation
2013370770	Nuctech Company Limited; Tsinghua University	2014298262	Tate & Lyle Ingredients Americas LLC
2013386179	Statoil Petroleum AS	2014299121	Shanghai Baolong Automotive Corporation
2013392167	N.V. Nutricia	2014303303	CJ Cheiljedang Corporation
2013392520	Jiangsu Huifeng Agrochemical Co., Ltd.	2014326323	Blupura S.r.l.
2013398442	Toyota Jidosha Kabushiki Kaisha	2014326324	Blupura S.r.l.
2013400137	Halliburton Energy Services, Inc.	2014329712	Boston Scientific Neuromodulation Corporation
2013400183	Glynn, K.P.	2014333610	WisTa Laboratories Ltd.
2013400510	IP Tech Pte. Ltd.	2014341844	Amazon Technologies, Inc.
2013401966	Halliburton Energy Services, Inc.	2014346787	Becton, Dickinson and Company
2013406042	The Procter & Gamble Company	2014350029	Konecranes Global Corporation
2014200120	Barilla G. e R. Fratelli S.p.A	2014360383	MED-EL Elektromedizinische Geraete GmbH
2014200323	INGENION MEDICAL LIMITED	2014365571	Watson-Marlow Bredel B.V.
2014200423	General Electric Company	2014371081	Toyo Seikan Group Holdings, Ltd.
2014200613	The Boeing Company	2014371784	Mitsubishi Electric Corporation
2014201339	K2M, Inc.	2015200407	LIN, Y.
2014202904	J-LOK CO.	2015200463	Incube Labs, LLC
2014203145	Iveco Magirus AG	2015200950	Acceleron Pharma Inc.
2014203395	Ludwig Institute for Cancer Research Ltd.	2015201262	Amgen Inc.; Daiichi Sankyo Europe GmbH
2014204935	Luxembourg Institute of Science and Technology (LIST)	2015201453	NDM Technologies Limited
2014210619	Medgenesis Therapeutix Inc.	2015201819	Xyleco, Inc.
2014211373	Inventio AG	2015201842	Aker Subsea AS
2014213135	Samsung Electronics Co., Ltd	2015201989	General Electric Company
2014213786	Petrowell Limited	2015202077	Apple Inc.
2014214819	ACell, Inc.	2015202605	Lennox Industries Inc.
2014216046	Opex Corporation	2015203135	Namvar, K.
2014217628	University of Leeds	2015203169	Apple Inc.
		2015203213	Teva Pharmaceuticals International GmbH
		2015203373	CardinalCommerce Corporation
		2015203977	Rheem Manufacturing Company
		2015204400	Fushang Co., Ltd

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2015205841	Applied Medical Resources Corporation
2015205868	Johannes Gutenberg-Universitat Mainz; Ganymed Pharmaceuticals AG
2015205953	Cmech (Guangzhou), Ltd.
2015206219	Merial Inc.
2015207813	Roche Diagnostics Hematology, Inc.
2015207839	Life Science Nutrition AS
2015207905	The General Hospital Corporation; Children's Medical Center Corporation
2015207969	Mitsubishi Heavy Industries, Ltd
2015207973	Genia Technologies, Inc.
2015208909	British American Tobacco (Investments) Limited
2015213414	ITG SOFTWARE SOLUTIONS, INC.
2015218544	Galapagos NV
2015218587	Wynn, T.; Alkermes Pharma Ireland Limited; Hencken, C.
2015219171	eBay Inc.
2015223446	Motorola Solutions, Inc.
2015230803	CommScope Technologies LLC; CommScope Connectivity Belgium BVBA
2015233094	Pfizer Inc.
2015234293	Allergan Industrie SAS
2015234338	The Trustees of the University of Pennsylvania
2015234341	Toyota Jidosha Kabushiki Kaisha
2015238924	Tersus Pharmaceuticals, LLC
2015243113	General Electric Company
2015246144	Wilson Tool International Inc.
2015255237	Wilson Tool International Inc.
2015255256	The Nielsen Company (US), LLC
2015255738	Pimera, Inc.
2015258167	MikrobEX Inc.
2015258268	Optis Wireless Technology, LLC
2015261348	Artwave Surf Oy
2015261553	FCI Holdings Delaware, Inc.
2015261619	Graham Packaging Company, L.P.
2015261665	JimmyAsh LLC
2015261672	AstraZeneca AB
2015264040	Samsung Pay, Inc.
2015264840	Hussmann Corporation
2015264850	eBay Inc.
2015276210	Omya International AG
2015281832	Komatsu Ltd.
2015291796	Ningbo Xianfeng New Material Co., Ltd
2015333567	Rakman International Pty Ltd
2015336940	Eat Displays Pty Limited
2016200423	Gatco Manufacturing Inc.
2016200433	Victory Industrial Corporation
2016201931	Heartland Consumer Products, LLC
2016202017	Roux, G.
2016202260	Janssen Biotech, Inc.
2016202491	CHUNG SHAN MEDICAL UNIVERSITY; RAYGENE BIOTECH INTERNATIONAL INC.
2016202603	Carbon Revolution Pty Ltd
2016202958	Dow Global Technologies LLC
2016203417	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.; Koninklijke Philips N.V.; Dolby International AB
2016203807	Novus International Inc.
2016210131	Komatsu Ltd.
2016210767	Compagnie Generale des Etablissements Michelin; Michelin Recherche et Technique S.A.
2016216694	DM Orthotics Limited
2016222498	Daon Holdings Limited
2016244270	General Electric Company
2016269543	Rectifier Technologies Pacific Pty Ltd

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<u>2016200423</u>	<u>A01P 3 /-</u>	<u>A41D 13 /-</u>	2014200323 2014235352	<u>A61K 35 /-</u>	<u>A61K 9 /-</u>
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<u>2013220904</u>	<u>A23C 21 /-</u>	<u>A43C 11 /-</u>	2014222671 2015207905	2012283837 2012302051	2012283837 2012302051
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<u>2015234341</u>	<u>A23C 23 /-</u>	<u>A47C 27 /-</u>	<u>A61F 6 /-</u>	2013295227	2015206219
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2011211403	2014231696	2010327318	<u>A61J 9 /-</u>	2012354072 2013230484	<u>A61L 27 /-</u>
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2011211403	2014231696	<u>A47G 23 /-</u>	<u>A61K 31 /-</u>	2015200950 2016202491	2014296259 2015234293
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2011342759	<u>A23L 15 /-</u>	2015207839	2012236144	2013217986	2011376737
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2015238924	<u>A23L 19 /-</u>	2012335746	2012250576	2013240234	<u>A61M 13 /-</u>
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<u>A01N 43 /-</u>	<u>A23L 27 /-</u>	2012339196	2012264875 2012275502 2012277327	2013285422 2013201707	2011376737
2011342759 2013249217 2013392520	2014298262 2014303303 2016201931	<u>A61B 46 /-</u> 2013292695	2012206621 2012282692 2012300978	<u>A61M 25 /-</u>	
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2013370504	<u>A24D 3 /-</u>	2013347538	2013406042	2012217728 2012290955	2014210619
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2013370504 2013400183	<u>A41B 9 /-</u> 2013313103	2014360383	2015218544 2015218587	2012207142 2012244791	<u>A61M 31 /-</u>
<u>A01N 63 /-</u>	<u>A61F 2 /-</u>	<u>A61F 13 /-</u>	2015233094 2015238924	2012354072 2013207796	2012283837 2015201453
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		<u>A61F 2 /-</u>	2016202491	2013292695	
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	2012250576	<b>B28C 7 /-</b>	2016210767		<b>2013207610</b>
	2012282692	<b>B01J 29 /-</b>	2011383344	<b>B61L 11 /-</b>	<b>B65D 77 /-</b>
2012352791	2012300633	<b>B29B 17 /-</b>	2015243113		<b>2014249401</b>
2013344818	2012302051	<b>B01J 3 /-</b>	2016210767	<b>B61L 23 /-</b>	<b>B65D 79 /-</b>
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2014360383	2013207796	<b>B28C 7 /-</b>	2013207796	<b>B61L 3 /-</b>	<b>B65D 81 /-</b>
2015203213	2013230484	<b>B01J 29 /-</b>	2014262383		<b>2014200120</b>
	2013240234	<b>B29B 17 /-</b>	2013342997	<b>B63B 21 /-</b>	<b>B65D 83 /-</b>
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	2013301870	<b>B29C 70 /-</b>	2013386179		<b>201600423</b>
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		<b>B29C 70 /-</b>	2013295227	<b>B32B 27 /-</b>	<b>B64C 13 /-</b>
2011367809	<b>A61P 15 /-</b>	<b>B01J 37 /-</b>	2014235142	<b>B32B 18 /-</b>	<b>B64C 17 /-</b>
2012275502	2013201707	<b>B21B 15 /-</b>	2016202603	<b>B64C 21 /-</b>	<b>B65G 53 /-</b>
2013207796	2013207796	<b>B03D 1 /-</b>	2014216046	<b>B65B 21 /-</b>	<b>B66B 3 /-</b>
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2015200950	<b>A61P 21 /-</b>	<b>B07C 5 /-</b>	2014216046	<b>B65B 37 /-</b>	<b>B66D 13 /-</b>
2015218544	<b>A61P 25 /-</b>	<b>B21B 15 /-</b>	2012214396	<b>B65B 21 /-</b>	<b>B66D 20 /-</b>
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2013207796	<b>A61Q 5 /-</b>	<b>B23B 51 /-</b>	2014264685	<b>B65B 3 /-</b>	<b>B66D 62 /-</b>
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2013207796	<b>A61P 33 /-</b>	<b>B25D 9 /-</b>	2014203145	<b>B65D 1 /-</b>	<b>B67D 7 /-</b>
2013254493	2013400510	<b>B25G 1 /-</b>	2012226479	<b>B60K 6 /-</b>	<b>B65D 19 /-</b>
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	2012322748		2013301870	2013230484
<u>C04B 38 /-</u>		2013324198	2014296184	2014229606
2014280035	<u>C07C 39 /-</u>		2015218544	<u>C09D 5 /-</u>
	2013254493	<u>C07D 277 /-</u>	2015261672	2015200950
<u>C07B 59 /-</u>				2015234338
	<u>C07C 409 /-</u>	2013324198	<u>C07D 473 /-</u>	2014292277
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<u>C07C 2 /-</u>			2013347538	2012273929
2011375417	<u>C07C 43 /-</u>	<u>C07D 285 /-</u>		2012290955
	2013254493			2012293161
<u>C07C 209 /-</u>		<u>C07D 487 /-</u>		2013230484
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	2013254493	<u>C07D 307 /-</u>	2012250576	<u>C10B 47 /-</u>
<u>C07C 211 /-</u>			2012339196	2013285422
2013210005	<u>C07C 49 /-</u>	<u>C07D 311 /-</u>	2014220357	2015201262
	2013254493		2014296184	2015205868
<u>C07C 213 /-</u>	<u>C07C 50 /-</u>			<u>C10F 5 /-</u>
2012322748	2012240222	<u>C07D 333 /-</u>	<u>C07D 495 /-</u>	2014202904
<u>C07C 227 /-</u>				<u>C10G 2 /-</u>
	<u>C07C 67 /-</u>	2013324198	2012277327	2012234370
2012322748		<u>C07D 401 /-</u>		2012255738
<u>C07C 229 /-</u>	2012322748		<u>C07D 498 /-</u>	2012300633
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	<u>C07C 69 /-</u>	2012308696	<u>C07D 491 /-</u>	2013292695
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		2012360905		2011375417
<u>C07C 235 /-</u>		201320905		
	<u>C07D 213 /-</u>	2013324198	<u>C07D 513 /-</u>	<u>C10G 35 /-</u>
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	<u>C07D 215 /-</u>		<u>C07D 403 /-</u>	
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<u>C07C 269 /-</u>	2012314283	2013207796		2012233964
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		2013324198	<u>C07D 405 /-</u>	<u>C10L 9 /-</u>
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			2012296477	2014262530
			2012309202	

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2014257815	2012346140	2013244451	2013222036	2012277493	2013252493
2014280439	<u>C13B 30 /-</u>	<u>E03F 1 /-</u>	<u>E21B 17 /-</u>	<u>E21C 45 /-</u>	<u>F04D 13 /-</u>
<u>C11D 17 /-</u>	2012346140	2013244451	2013386179	2012252103	2012252103
2014280439	<u>C13B 35 /-</u>	<u>E04B 1 /-</u>	2014275020	<u>E21C 50 /-</u>	<u>F04D 29 /-</u>
<u>C11D 3 /-</u>	2012346140	2013284328	<u>E21B 19 /-</u>	2012252103	2012252103
2014280439	<u>C21D 7 /-</u>	2014262380	2012332940	<u>E21D 20 /-</u>	<u>F04D 7 /-</u>
<u>C12M 1 /-</u>	2013205082	2014280035	<u>E21B 21 /-</u>	2014202904	2012252103
2013220904	<u>E04B 5 /-</u>	2014262380	2012381500	2015261553	<u>F15D 1 /-</u>
2014238680	<u>C21D 8 /-</u>	<u>E04C 2 /-</u>	<u>E21B 23 /-</u>	<u>E21D 21 /-</u>	2013386179
2014346787	2013205082	2013284328	2015201842	2013229665	<u>F16B 25 /-</u>
2015207973	<u>C21D 9 /-</u>	2014262380	<u>E21B 28 /-</u>	2015261553	2015204400
2013220904	2013205082	<u>E04C 5 /-</u>	<u>E21B 31 /-</u>	<u>F01C 1 /-</u>	<u>F16B 5 /-</u>
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2012217728	2014284673	<u>E04D 3 /-</u>	2012226479	<u>F01C 21 /-</u>	<u>F16H 25 /-</u>
2012293161	<u>C22B 15 /-</u>	2012268792	<u>E21B 33 /-</u>	2013252493	2013206350
2015258167	2014284673	<u>E04F 15 /-</u>	2012381500	<u>F01N 3 /-</u>	<u>F16J 15 /-</u>
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2011323508	2011376315	<u>E04F 21 /-</u>	2013400137	<u>F02D 41 /-</u>	<u>F16K 15 /-</u>
2011338682	<u>C22C 29 /-</u>	2015201842	2015205204	2015205204	2013245060
2011342759	2012306492	2014262380	<u>E21B 34 /-</u>	2015205204	2012211932
2011346496	<u>E04H 7 /-</u>	2013400137	<u>F02D 45 /-</u>	2013252493	<u>F16L 1 /-</u>
2012222144	2013229665	2014213786	2015205204	2015205204	2013245060
2012290955	<u>C40B 30 /-</u>	2015201842	<u>E21B 4 /-</u>	<u>F02N 11 /-</u>	<u>F16L 11 /-</u>
2012293161	2015207973	<u>E04H 9 /-</u>	2012226479	2016200433	2013231726
2012300633	<u>C40B 40 /-</u>	2010362000	2013252493	<u>F03B 13 /-</u>	2013245060
2013220904	2015207973	<u>E05C 17 /-</u>	<u>E21B 43 /-</u>	2012251527	<u>F16L 25 /-</u>
2013246443	<u>E04H 7 /-</u>	2015205953	2012381500	2013252493	2013245060
2014271342	<u>E01B 29 /-</u>	2013252493	2013286194	<u>F03B 17 /-</u>	<u>F16L 33 /-</u>
2015200950	2014248932	2015205953	2014213786	2012251527	2013245060
<u>C12N 5 /-</u>	<u>E02B 7 /-</u>	<u>E05F 1 /-</u>	<u>E21B 47 /-</u>	<u>F03B 3 /-</u>	2014365571
2012222144	2015205953	2015205953	2012360947	2013252493	<u>F16L 37 /-</u>
2012265814	<u>E02D 29 /-</u>	<u>E05F 3 /-</u>	<u>E21B 49 /-</u>	<u>F03D 1 /-</u>	2013245060
2012293161	2012257358	2015205953	2012258434	2014200423	2013353424
2014203395	2012200128	<u>E02F 3 /-</u>	<u>E21B 6 /-</u>	<u>F03D 7 /-</u>	<u>F16L 5 /-</u>
<u>C12P 21 /-</u>	2010362000	<u>E06B 9 /-</u>	2012226479	2014200423	2015333567
2012293161	<u>E02D 29 /-</u>	2012204908	2012226479	2014200423	<u>F16L 58 /-</u>
2014203395	2015281832	2012217593	<u>E21B 7 /-</u>	<u>F04B 43 /-</u>	2013245060
<u>C12P 7 /-</u>	2015205953	2015200407	2012226479	2014365571	<u>F24F 11 /-</u>
2015201819	<u>E02F 5 /-</u>	2015291796	2013308254	<u>F04B 53 /-</u>	2015202605
<u>C12Q 1 /-</u>	2012252103	<u>E21B 1 /-</u>	<u>E21C 35 /-</u>	2014365571	
2011346496	2015205953	2012226479	2012277493		
2014238680	<u>E02F 5 /-</u>	2015291796			
2015207973	2012252103	<u>E21B 1 /-</u>			
2015234341	<u>E03B 11 /-</u>	2012226479			
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<u>F24F 13 /-</u>	2014350029	2014219558	2016203417	<u>H04H 60 /-</u>
2014371784	2015207973	2014236107	<u>H01J 49 /-</u>	2015203135
		2014258079		2015255256
<u>G01N 33 /-</u>		2015202077		
<u>F24H 3 /-</u>		2015219171	2014204935	<u>H04L 1 /-</u>
2015203977	2012273929	2015336940	<u>H01L 21 /-</u>	
	2012277493			
<u>F25B 49 /-</u>	2014217628	<u>G06F 9 /-</u>	2016200433	2013260233
	2014222671			
2012332353	2015207973	2011374896	<u>H01M 10 /-</u>	<u>H04L 12 /-</u>
2015202605		<u>G01N 35 /-</u>	2015223446	2014226654
<u>F25C 5 /-</u>	2012258434	2012301470	<u>H02G 3 /-</u>	<u>H04L 25 /-</u>
2012347423	2013343374	<u>G06K 19 /-</u>		2013216357
	2014346787		2015333567	
<u>F25D 23 /-</u>	2015207813	2013201707	<u>H02J 3 /-</u>	<u>H04L 27 /-</u>
2012213732		<u>G06K 7 /-</u>		2015258268
2012347423	2014350029	2012301470	2012247290	<u>H04M 1 /-</u>
			2012364268	
<u>F25D 31 /-</u>		<u>G01S 17 /-</u>	<u>H02J 7 /-</u>	2012342079
2012332353	2013225712	2012301470	2015223446	<u>H04N 5 /-</u>
<u>F26B 23 /-</u>		<u>G01S 19 /-</u>	<u>H06Q 10 /-</u>	2013225712
2012260681	2014200613	2012318595	2013279337	2013276984
<u>F28C 3 /-</u>		<u>G01V 11 /-</u>	<u>G06Q 20 /-</u>	<u>H04N 7 /-</u>
2012332353	2012360947	2015203373	2014287474	2015203135
<u>F42B 33 /-</u>		2016222498	<u>H02K 21 /-</u>	<u>H04W 52 /-</u>
2014257554	2015230803	<u>G06Q 30 /-</u>	2013279337	2013211872
<u>G01B 11 /-</u>		2015203135		2015258268
2014247285	2014263111	2015264850	<u>H02K 29 /-</u>	<u>H04W 56 /-</u>
<u>G01B 17 /-</u>		<u>G06Q 40 /-</u>	2014287474	2014213135
2014247285	2014263111	2015213414	<u>H02M 1 /-</u>	<u>H04W 76 /-</u>
<u>G01C 21 /-</u>		<u>G06Q 50 /-</u>	2016269543	2012373331
2016210131	2016210131	2012318595	<u>H02M 7 /-</u>	<u>H04W 8 /-</u>
		2013344818	2013398442	2013211872
<u>G01J 3 /-</u>		<u>G06F 1 /-</u>	2016269543	
2014244399	2011374896	<u>G06T 17 /-</u>	2016269543	
<u>G01L 17 /-</u>		2013370770	<u>H02P 27 /-</u>	
<u>G01N 1 /-</u>		<u>G06F 11 /-</u>	2013398442	
2014299121	2014341844	<u>G07C 9 /-</u>	2013398442	
<u>G01N 15 /-</u>		2014264685	<u>H02P 9 /-</u>	
2015207813	2013209728	<u>G08C 17 /-</u>	2016200433	
<u>G01N 21 /-</u>		2012360947	<u>H03G 3 /-</u>	
2014244399	2013209728	<u>G06F 17 /-</u>	2015258268	
	2015264850	<u>G09B 29 /-</u>		
<u>G01N 22 /-</u>		2016210131	<u>H04B 1 /-</u>	
2013265705		<u>G09G 3 /-</u>	2014219558	
<u>G01N 23 /-</u>	2015264040	2014263111	<u>H04H 20 /-</u>	
	2016222498	<u>G10L 15 /-</u>	2015203135	
2013335242	<u>G06F 3 /-</u>	2015203169	<u>H04H 40 /-</u>	
<u>G01N 27 /-</u>	2012214994	<u>G10L 19 /-</u>	2014200613	

**Certified Innovation Patents****Name Index**

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

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(71) Apple Inc.  
(11) AU-B-2016100850  
(21) 2016100850 (22) 09.06.2016  
(54) Contracting and elongating materials  
for providing input and output for an  
electronic device  
(51) Int. Cl.  
*H02K 33/02* (2006.01)  
*G06F 3/041* (2006.01)  
*H04M 1/02* (2006.01)  
(45) 27.04.2017  
(62) 2016100399  
(72) UUTTERMANN, Erik A.; GIBBS, Kev-  
in D.; PATEL, Dhaval; OW, Florence  
W.; WRIGHT, Derek W.; MCCLURE,  
Stephen R.; LOBEL, Inna  
(74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
(11) AU-B-2016101437  
(21) 2016101437 (22) 10.08.2016  
(54) Devices, methods, and graphical user  
interfaces for manipulating user inter-  
face objects with visual and/or haptic  
feedback  
(51) Int. Cl.  
*G06F 3/01* (2006.01)  
(45) 27.04.2017  
(62) 2016203040  
(72) ANZURES, Freddy A.; BAUER, Se-  
bastian J.; DASCOLA, Jonathan R.;  
FEDERIGHI, Craig M.; FOSS, Chris-  
topher P.; KARUNAMUNI, Chanaka G.;  
KING, Nicholas V.; KOCIENDA, Ken-  
neth L.; LEONARD, Adam J.; MOUS-  
SETTE, Camille; TROTTIER, Lauren  
K.; WAN, Wan Si; YANG, Lawrence Y.;  
YERKES, Giancarlo  
(74) FPA Patent Attorneys Pty Ltd

Numerical Index

**2016100850** Apple Inc.  
**2016101437** Apple Inc.

**IPC Index**

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2016101437

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2016100850

**H04M 1 /-**

2016100850

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**2012202294 **Paradise Motor Homes Pty Ltd** ( M.J.R. Autocentre Pty Ltd )**Opposition Withdrawn**2013203445 **Biogen MA Inc.** ( Alphapharm Pty Ltd )**Applications Withdrawn**2015202448 **KOPPERS PERFORMANCE CHEMICALS INC** ( Arch Wood Protection (Aust) Pty Limited )**Patents Granted****Standard Patents**

2009297113	2009333168	2010308942	2011321060
2011329638	2011383222	2012229333	2012244363
2012268793	2012304181	2012348191	2012364686
2013228542	2014208591	2014213204	2015200527
2015201666	2015201884	2016200394	

**Innovation Patents**

2017100106	2017100274	2017100287	2017100306
2017100325	2017100330	2017100331	2017100332
2017100333	2017100336	2017100337	2017100338
2017100339	2017100341	2017100343	2017100346
2017100347	2017100348	2017100349	2017100351
2017100353	2017100355	2017100356	2017100357
2017100358			

**Assignments Registered**2000241789 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2001252967 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2001253207 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2002232007 Jeyes Group Limited The patent has been assigned to **BroomCo (4290) Limited**2002239638 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2002246723 GlaxoSmithKline LLC The patent has been assigned to **Novartis AG**2003205334 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2003275234 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2003285087 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2003300408 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2004200201 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited****Assignments Registered**2004203038 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2005239634 Jeyes Group Limited The patent has been assigned to **BroomCo (4290) Limited**2005251769 SmithKline Beecham (Cork) Limited The patent has been assigned to **Novartis AG**2005292653 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2006236423 SmithKline Beecham (Cork) Limited The patent has been assigned to **Novartis AG**2007308150 Collins Ink Corporation The patent has been assigned to **Kao Kabushiki Kaisha**2008201909 Hilti AG The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2009201844 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2010200934 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2010201788 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2010201914 Hilti Aktiengesellschaft The patent has been assigned to **DYWIDAG-Systems International Pty Limited**2010274106 GlaxoSmithKline LLC The patent has been assigned to **Novartis AG**2010276460 GlaxoSmithKline LLC The patent has been assigned to **Novartis AG**2011349422 GlaxoSmithKline Intellectual Property Development Limited The patent has been assigned to **Novartis AG**2011369287 ABB Technology AG The patent has been assigned to **ABB HV Cables (Switzerland) GmbH**2011369288 ABB Technology AG The patent has been assigned to **ABB HV Cables (Switzerland) GmbH**2012100049 Grogan, Jemima The patent has been assigned to **Everfine Australia Pty Ltd**2012213129 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2012232759 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2012241450 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2012254214 Auxilium Cura Innovatio The patent has been assigned to **Auxilium Cura Innovatio AB**2012269994 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**2012280287 ABB Research Ltd The patent has been assigned to **ABB HV Cables (Switzerland) GmbH**2012291745 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**

**Assignments Registered**

2012291750 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **Avent, Inc.**

2013214254 SmithKline Beecham (Cork) Limited The patent has been assigned to **Novartis AG**

2014203270 SmithKline Beecham (Cork) Ltd. The patent has been assigned to **Novartis AG**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Withdrawn**

The following application(s) for Extension of Term have been withdrawn under Section 73.

2013203196 **L'Universite Montpellier II; Novartis AG; Centre National de la Recherche Scientifique**

The earliest first regulatory approval date provided by the patentee 05 Mar 2007

For the goods SEBIVO telbivudine

**Corrigenda**

In Vol 29 , No 40 , Page(s) 6100 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name President and Fellows of Harvard College; The General Hospital Corporation, Application No. 2014225717, under INID (72) correct the co-inventor to Wagers, Amy Jo

In Vol 31 , No 14 , Page(s) 2073 under the heading **Assignments Before Grant, Section 113 - 2014** Under the name Viega Technology GmbH & co. KG, Application No. 2014298821, under INID (71) correct the applicant name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2222 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2009268092, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2222 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2009294631, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2222 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2011289031, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2222 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2011295149, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2222 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2012307532, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

In Vol 31 , No 14 , Page(s) 2223 under the heading **Assignments Registered** Under the name Viega Technology GmbH & co. KG, Application No. 2014375398, under INID (71) correct the patentee name to Viega Technology GmbH & Co. KG

**Corrigenda**

In Vol 31 , No 15 , Page(s) 2242 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2017** Delete all reference to 2017100086.

In Vol 31 , No 15 , Page(s) 2270 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ALS Mountaiin LLC; Chien-hung Chen Application No. 2015328044, under INID (71) correct the co-applicant name to ALS Mountain LLC

**Specifications Republished**

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

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