



**Australian Government**

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**IP Australia**

**Supplement to the  
AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For Information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) and the Supplement to the AOJP reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal & supplement to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### **(i) FILING -**

This is the act of making an application. When the application is first filed certain details are published.

### **(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -**

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### **(iii) ACCEPTANCE –**

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### **(iv) OPPOSITION –**

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### **(v) GRANTING –**

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### **(vi) CERTIFICATION**

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

### Document Numbering in the **Australian Official Journal of Patents**

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

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

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

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

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

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.  
A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.



## 2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

## 3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## 'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

**(50) Technical Information**

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

**(70) Identification of parties concerned with the document**

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

- (86) PCT Application Number
- (87) PCT Publication Number

**NOTE**

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Stramit Corporation Pty Limited v Guttering No Brackets Pty Ltd & Ian John Higgins* [2017] APO 44

Patent Application: 2013204297

Title: Gutter support and mounting assembly

Patent Applicant: Guttering No Brackets Pty Ltd  
Ian John Higgins

Opponent: Stramit Corporation Pty Limited.

Delegate: Greg Powell

Decision Date: 30 August 2017

Hearing Date: By written submissions 10 July 2017

Catchwords: **PATENTS** – opposition to the allowance of amendments under subsections 102(1), 102(2)(a) and 102(2)(b) of the Patents Act 1990 – amended claims in-substance disclosed – amended claims within scope of claims before amendment – amended claims clear and fairly based – amendment allowed – costs awarded against opponent

Representation: Patent attorney for the applicant: Griffith Hack  
Patent attorney for the opponent: Phillips Ormonde Fitzpatrick

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Kineta, Inc.* [2017] APO 45

Patent Application: 2012315953

Title: Anti-viral compounds

Patent Applicant: Kineta, Inc.

Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents

Decision Date: 31 August 2017

Hearing Date: Written submissions completed on 17 August 2017

Catchwords: **PATENTS** – examiner objection – best method of performance – compounds prepared by contractor, but this was not disclosed in the specification – best method not provided

Representation: Patent attorney for the applicant: Griffith Hack

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Aug 2017 .

(71) Akamas & Co Pty Ltd (21) 2017903576 (22) 04.09.2017 (54) Remote Controlled Motor Driven Sled	<b>Bertola, N. see Seed, Q.</b> (21) 2017903575	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2017903569 (22) 04.09.2017 (54) Method and system for use in performing localisation
(71) Algesa Developments Pty Ltd (21) 2017903530 (22) 01.09.2017 (54) Improvements in or in relation to battery charging and power management	(71) Bidah Technologies Pty Ltd (21) 2017903535 (22) 01.09.2017 (54) An Apparatus for Service Acquisition	(71) Conductix-Wampfler Pty Ltd (21) 2017903583 (22) 05.09.2017 (54) Roller retaining arrangement
(71) Alsonex Pty Ltd (21) 2017903543 (22) 01.09.2017 (54) Method for the Solid-Phase Synthesis of Cyclic Pentapeptides	(71) Both Barrels Pty Ltd (21) 2017903584 (22) 05.09.2017 (54) AUXILIARY LIGHTING SYSTEM FOR A DETACHABLE VEHICLE TRAILER	(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2017903561 (22) 04.09.2017 (54) A CARGO CONTAINER
(71) Aristocrat Technologies Australia Pty Limited (21) 2017903582 (22) 05.09.2017 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE	(71) Bowline Medical Pty Ltd (21) 2017903585 (22) 05.09.2017 (54) Catheter and guidewire advancement device	(71) CRC for Mental Health Ltd (21) 2017903568 (22) 04.09.2017 (54) BIOMARKER FOR ASSESSING AMYLOID LOAD
(71) Attey, G. (21) 2017903537 (22) 01.09.2017 (54) IMPROVEMENTS IN WATERCRAFT PROPULSION SYSTEMS	<b>Brockwell, D. see Wilson, W.</b> (21) 2017903557	(71) CURRENT COMPLIANCE PTY LTD (21) 2017903445 (22) 25.08.2017 (54) "Hercules-MT" The Modula Heavy duty off-road trailer for all Environment's and occasions
(71) Attey, G. (21) 2017903570 (22) 04.09.2017 (54) IMPROVEMENTS IN HELMETS AND BODY PROTECTION SYSTEMS	(71) Bugdojo Holdings Pty Ltd (21) 2017903590 (22) 05.09.2017 (54) Communication Platform for Software Testing	(71) Curtin University (21) 2017903548 (22) 01.09.2017 (54) Synthetic derivatives of oleoyl-lysophosphatidylinositol (oleoyl-LPI) and uses thereof
(71) Balachandran, C. (21) 2017903503 (22) 31.08.2017 (54) Corneal Implant	(71) CathRx Ltd (21) 2017903589 (22) 05.09.2017 (54) ELECTROPHYSIOLOGY CATHETER WITH SENSOR	(71) Davies, T. (21) 2017903588 (22) 05.09.2017 (54) Asset Valuation & Insurance Update Mobile Application
(71) Beck, N. (21) 2017903565 (22) 04.09.2017 (54) The Dr Common Sense Powder Medicine Dispenser	(71) Chang, C. (21) 2017903485 (22) 30.08.2017 (54) Folding Frame for a Picture & Associated Method of Use	(71) Children's Medical Research Institute (21) 2017903528 (22) 01.09.2017 (54) "Methods of assessing telomeres"
	<b>Choda PTY. LTD. see Toth, I.</b> (21) 2017903534	

Provisional Applications Filed - Name Index cont'd

(71) Deep Exploration Technologies CRC Limited  
 (21) 2017903541 (22) 01.09.2017  
 (54) Sample collection system and parts thereof

(71) Direct Adventures Pty Ltd  
 (21) 2017903540 (22) 01.09.2017  
 (54) An apparatus for cooking

**Dridan, M. see O'Brien, G.**  
 (21) 2017903509

(71) Dube, P.  
 (21) 2017903555 (22) 03.09.2017  
 (54) Software application (app) for real-time virtual car-park market, that allows free private, public and residential parking spaces to be displayed, searched and traded on the internet using mobile phones or any internet devices. The app will use GPS, area codes and street addresses to show the available free parking in an area of interest for competitive bidding by the public. The app will facilitate reservations and payments for the parking. The app is downloaded for free and each reservation carries a small fee. A secondary car market is also possible for reserved spaces to be resold

(71) E.A SUTHERLAND & M.J SUTHERLAND  
 (21) 2017903498 (22) 30.08.2017  
 (54) A reciprocating guillotine knife section leucaena cutter

(71) Endemic Landscapes Pty Ltd  
 (21) 2017903529 (22) 01.09.2017  
 (54) DRAINAGE SYSTEM

(71) ENGLISH, D.  
 (21) 2017903532 (22) 01.09.2017  
 (54) Fluid flow energy harvester

(71) Fiechtner, G.  
 (21) 2017903549 (22) 01.09.2017  
 (54) An Accessory for a Harvester Header

(71) Fizziofit Pty Ltd  
 (21) 2017903566 (22) 04.09.2017  
 (54) REPORTING TEST RESULTS

(71) Gainsborough Hardware Industries Limited  
 (21) 2017903480 (22) 29.08.2017  
 (54) A latch and/or lock assembly

(71) garside, d.  
 (21) 2017903491 (22) 30.08.2017  
 (54) hand tool for the garden that rakes, shovels and forks, and called the fork'll

(71) Gatward, T.  
 (21) 2017903547 (22) 01.09.2017  
 (54) Systems and methods of a calendaring platform

(71) geoAlta Engineering Pty Ltd  
 (21) 2017903552 (22) 02.09.2017  
 (54) Floating Wave Energy Conversion System With Differential Buoyancy Column Pump

(71) Gerard Lighting Pty Ltd  
 (21) 2017903496 (22) 30.08.2017  
 (54) A modular LED troffer system

(71) Glare, D.  
 (21) 2017903581 (22) 31.08.2017  
 (54) GGG Train

(71) Go People Pty Ltd  
 (21) 2017903523 (22) 01.09.2017  
 (54) An intelligent demand predictive pre-emptive pre-sorting e-commerce order fulfilment, sorting and dispatch system for dispatch routing optimisation

(71) Go People Pty Ltd  
 (21) 2017903524 (22) 01.09.2017  
 (54) An intelligently worktime predictive optimised crowdsourced delivery network system

(71) Guignard, P.  
 (21) 2017903484 (22) 30.08.2017  
 (54) Capability Management System

(71) Harris, L.  
 (21) 2017903488 (22) 30.08.2017  
 (54) FENCE POST BRACE

(71) Hearn, F.  
 (21) 2017903527 (22) 01.09.2017  
 (54) A residue deflection plate for a disc brake wheel hub assembly

(71) Hession, K.  
 (21) 2017903556 (22) 03.09.2017  
 (54) A mobile application for users to connect multiple platforms and social media to the app that allows them to request connection with other users, brands, interest and public figures in a simple request to all connected platforms.

(71) Hugo, L.  
 (21) 2017903536 (22) 01.09.2017  
 (54) HORTICULTURAL APPARATUS AND METHODS

(71) Icon Plastics Pty Ltd  
 (21) 2017903508 (22) 31.08.2017  
 (54) Shower Base

(71) Immelman, J.  
 (21) 2017903554 (22) 02.09.2017  
 (54) Electronic watering device for potted plants

(71) IONA, C.  
 (21) 2017903482 (22) 29.08.2017  
 (54) PLATFORM METHODS AND SYSTEMS OF A TRUST BROKER

(71) iRiccorgpharm Pty Ltd  
 (21) 2017903493 (22) 30.08.2017  
 (54) Terpenoid formulations

(71) IT ANALYSTS PTY LTD  
 (21) 2017903494 (22) 30.08.2017  
 (54) Therapeutic Entertainment System

(71) Johnson, G.  
 (21) 2017903500 (22) 31.08.2017  
 (54) Tackle Safe - visual zones to enhance tackling safety in contact sports.

(71) Kaoskey Pty Limited  
 (21) 2017903481 (22) 29.08.2017  
 (54) A SYSTEM, METHOD, COMPUTER PROGRAM AND COMPUTER INTERFACE FOR ANALYSING ELECTROENCEPHALOGRAPHIC INFORMATION

(71) Knorr, A.  
 (21) 2017903579 (22) 05.09.2017  
 (54) Radial Parallel Log Home and Solid Timber Panel Components

(71) LEWIS, P.  
 (21) 2017903483 (22) 29.08.2017  
 (54) Adjustable magnetic coupler

(71) Lycopodium Minerals Pty Ltd  
 (21) 2017903574 (22) 04.09.2017  
 (54) Conveyor Skirting System

(71) Macartney, B.  
 (21) 2017903512 (22) 31.08.2017  
 (54) A Method and a Retrofittable Kit for Converting a Push Mower into a Remote Controlled Self-Propelled Mower

Provisional Applications Filed - Name Index cont'd

(71) Mammoth Industries Pty Ltd  
(21) 2017903560 (22) 04.09.2017  
(54) GEARED DOOR PANEL ADJUSTMENT MEANS

(71) Mantzis Holdings Pty Ltd.  
(21) 2017903580 (22) 05.09.2017  
(54) POCKET-COIL MATTRESS CONSTRUCTION FOR EASE OF TRANSPORT

(71) MAS Australasia Pty Ltd  
(21) 2017903518 (22) 31.08.2017  
(54) Anchor System

(71) Mason, G.  
(21) 2017903505 (22) 31.08.2017  
(54) A pair of pants specifically designed to allow freedom of movement and airflow to the male genital area and front of the leg area and crotch. These are not an undergarment. The extra long, free flowing genital case (pouch) is hidden behind a flap of sturdy material.

(71) Matthews International Pty Ltd  
(21) 2017903504 (22) 31.08.2017  
(54) TENSION INDICATING APPARATUS

**McCorry Asset Company Pty Ltd see TJM Capital Pty Ltd**  
(21) 2017903522

(71) McElligott, M.  
(21) 2017903578 (22) 05.09.2017  
(54) CONVEYOR MODULE ASSEMBLY, SYSTEM AND CONTROL

**McGill, N. see McGill, N.**  
(21) 2017903455

(71) McGill, N.; McGill, N.  
(21) 2017903455 (22) 27.08.2017  
(54) Connected Bra

(71) Medlab IP Pty Ltd  
(21) 2017903563 (22) 04.09.2017  
(54) Probiotic compositions and uses thereof (II)

(71) Medlab IP Pty Ltd  
(21) 2017903564 (22) 04.09.2017  
(54) Probiotic compositions and uses thereof (I)

(71) MHM Products Pty Ltd  
(21) 2017903511 (22) 31.08.2017  
(54) A reusable bin assembly

(71) Minelab Electronics Pty Limited  
(21) 2017903479 (22) 29.08.2017  
(54) A SIGNAL PROCESSING TECHNIQUE FOR METAL DETECTOR

(71) Murdoch University  
(21) 2017903519 (22) 31.08.2017  
(54) A Method for the Treatment of Eukaryotic Microorganisms

(71) N.W BROWN & D WU  
(21) 2017903553 (22) 02.09.2017  
(54) A single use, disposable charger for use with USB-C mobile devices, with a biodegradable shell or case.

(71) NCS Acoustics Ltd  
(21) 2017903515 (22) 31.08.2017  
(54) Silencer

(71) Neptune Marine Services Limited  
(21) 2017903573 (22) 04.09.2017  
(54) PRESSURISED WELDING HABITAT

(71) NO ROCK CAFE TABLES PTY LTD  
(21) 2017903577 (22) 04.09.2017  
(54) STABILISATION OF OBJECTS

(71) NORQSES IP Pty Ltd  
(21) 2017903489 (22) 30.08.2017  
(54) An implement for driving and extracting earth stakes

**NOTENBOOM, M. see TECH PRINT INDUSTRIES PTY. LTD.**  
(21) 2017903487

(71) O'Brien, G.; Dridan, M.  
(21) 2017903509 (22) 31.08.2017  
(54) HITCH ADAPTER

(71) Opaque Investments Pty Ltd  
(21) 2017903497 (22) 30.08.2017  
(54) BLADELESS INTUBATING LARYNGOSCOPE SYSTEM

(71) Opray, K.  
(21) 2017903499 (22) 30.08.2017  
(54) Noiseminder

(71) PATON INDUSTRIES  
(21) 2017903539 (22) 01.09.2017  
(54) U LIFT TRAILER

(71) Pavino, S.  
(21) 2017903587 (22) 05.09.2017  
(54) Magnes Muralis; Double Acting Jackhammer.

(71) pelling, m.  
(21) 2017903531 (22) 01.09.2017  
(54) Tree guard

(71) Pride Technologies International Pty Ltd  
(21) 2017903562 (22) 04.09.2017  
(54) WATER FLOW CONTROL VALVE

(71) Sack, A.  
(21) 2017903517 (22) 31.08.2017  
(54) CHILD'S COMFORTER

(71) Safatli, H.  
(21) 2017903572 (22) 04.09.2017  
(54) Roof safety device

(71) Salera, D.  
(21) 2017903492 (22) 30.08.2017  
(54) SOLAR POWERED STRUCTURE

(71) Sato Holdings Kabushiki Kaisha  
(21) 2017903507 (22) 31.08.2017  
(54) Container labels

(71) Saunders, C.  
(21) 2017903525 (22) 01.09.2017  
(54) An elevated pipe clip device

(71) SCOTT, K.  
(21) 2017903533 (22) 01.09.2017  
(54) Hard hat accessory

(71) Seed, Q.; Bertola, N.  
(21) 2017903575 (22) 04.09.2017  
(54) Round Rod Singulator

(71) SEELEY, A.  
(21) 2017903501 (22) 31.08.2017  
(54) The system consists of a slide on steel connection collar cleat and base plate for structural steel columns to connect to the floor and a steel or timber beam or lintel.

(71) ShadePower Group Pty Ltd  
(21) 2017903516 (22) 31.08.2017  
(54) SOLAR ROOF STRUCTURE

(71) Sleiman, N.  
(21) 2017903551 (22) 01.09.2017  
(54) CARRY BAG CONFIGURABLE TO MAT CONFIGURATION

Provisional Applications Filed - Name Index cont'd

- 
- (71) Smeekes, R.  
 (21) 2017903490 (22) 30.08.2017  
 (54) Removable load carrying liner and interchangeable trailer system
- 
- (71) Smith, V.  
 (21) 2017903586 (22) 05.09.2017  
 (54) Confectionery item for applying an edible temporary tattoo to a person's tongue and method of producing the confectionery item
- 
- (71) StretchSense Limited  
 (21) 2017903544 (22) 01.09.2017  
 (54) Improved Fabrication of Soft Electronic Components
- 
- (71) StretchSense Limited  
 (21) 2017903545 (22) 01.09.2017  
 (54) An Improved Interconnect for Soft Electronic Components
- 
- (71) StretchSense Limited  
 (21) 2017903546 (22) 01.09.2017  
 (54) Improved Fabrication of Soft Electronic Components
- 
- (71) Stringer, R.  
 (21) 2017903502 (22) 31.08.2017  
 (54) Activity Monitoring System
- 
- (71) Technological Resources Pty. Limited  
 (21) 2017903510 (22) 31.08.2017  
 (54) Mining Method and Mine
- 
- (71) TECH PRINT INDUSTRIES PTY. LTD.; NOTENBOOM, M.  
 (21) 2017903487 (22) 30.08.2017  
 (54) FLEXFIN HINGE: INCORPORATED HINGE DESIGN FOR EYEGLASS FRAMES PRODUCED USING ADDITIVE MANUFACTURING TECHNOLOGIES.
- 
- (71) The Australian National University  
 (21) 2017903538 (22) 01.09.2017  
 (54) "Immunoregulatory molecules and uses therefor"
- 
- (71) The Product Makers (Australia) Pty Ltd  
 (21) 2017903513 (22) 31.08.2017  
 (54) Improving the taste of consumables
- 
- (71) The University of Sydney  
 (21) 2017903506 (22) 31.08.2017  
 (54) Bimetallic catalyst for reforming hydrocarbons
- 
- (71) TJM Capital Pty Ltd; McCorry Asset Company Pty Ltd  
 (21) 2017903522 (22) 01.09.2017  
 (54) INFORMATION SYSTEM AND METHOD OF SUPPLY
- 
- (71) Toth, I.; Choda PTY. LTD.  
 (21) 2017903534 (22) 01.09.2017  
 (54) Flexible storage vessel displacing primary storage space
- 
- (71) Transking Innovations Pty Limited  
 (21) 2017903542 (22) 01.09.2017  
 (54) An apparatus for assisting securement of loads
- 
- (71) TRESTOTO PTY LIMITED  
 (21) 2017903526 (22) 01.09.2017  
 (54) A Lighting Control Circuit, Lighting Installation and Method
- 
- (71) Voutier, P.  
 (21) 2017903550 (22) 01.09.2017  
 (54) Inspection Device and Method
- 
- (71) WELSH, G.  
 (21) 2017903495 (22) 30.08.2017  
 (54) A Set of Desks, Tables, or Work Stations
- 
- (71) White, D.  
 (21) 2017903514 (22) 31.08.2017  
 (54) THE "NO MORE BANG" BLIND RAIL
- 
- (71) White, G.  
 (21) 2017903571 (22) 04.09.2017  
 (54) Container weighing method and apparatus
- 
- (71) Wilson, W.; Brockwell, D.  
 (21) 2017903557 (22) 03.09.2017  
 (54) Bracket for mounting short term roadwork signage on W-Beam Guardrail.
- 
- (71) Woods, R.  
 (21) 2017903521 (22) 01.09.2017  
 (54) Hard Floor Swag
- 
- (71) Young, G.  
 (21) 2017903486 (22) 30.08.2017  
 (54) Crusher assembly
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- (71) Zap Cap IP Pty Ltd  
 (21) 2017903567 (22) 04.09.2017  
 (54) A waterproof power coupler
-



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2017903445	CURRENT COMPLIANCE PTY LTD	2017903545	StretchSense Limited
2017903455	McGill, N.; McGill, N.	2017903546	StretchSense Limited
2017903479	Minelab Electronics Pty Limited	2017903547	Gatward, T.
2017903480	Gainsborough Hardware Industries Limited	2017903548	Curtin University
2017903481	Kaoskey Pty Limited	2017903549	Fiechtner, G.
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2017903483	LEWIS, P.	2017903551	Sleiman, N.
2017903484	Guignard, P.	2017903552	geoAlta Engineering Pty Ltd
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2017903486	Young, G.	2017903554	Immelman, J.
2017903487	TECH PRINT INDUSTRIES PTY. LTD.; NOTENBOOM, M.	2017903555	Dube, P.
2017903488	Harris, L.	2017903556	Hession, K.
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2017903490	Smeekes, R.	2017903560	Mammoth Industries Pty Ltd
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2017903498	E.A SUTHERLAND & M.J SUTHERLAND	2017903568	CRC for Mental Health Ltd
2017903499	Opray, K.	2017903569	Commonwealth Scientific and Industrial Research Organisation
2017903500	Johnson, G.	2017903570	Attey, G.
2017903501	SEELEY, A.	2017903571	White, G.
2017903502	Stringer, R.	2017903572	Safatli, H.
2017903503	Balachandran, C.	2017903573	Neptune Marine Services Limited
2017903504	Matthews International Pty Ltd	2017903574	Lycopodium Minerals Pty Ltd
2017903505	Mason, G.	2017903575	Seed, Q.; Bertola, N.
2017903506	The University of Sydney	2017903576	Akamas & Co Pty Ltd
2017903507	Sato Holdings Kabushiki Kaisha	2017903577	NO ROCK CAFE TABLES PTY LTD
2017903508	Icon Plastics Pty Ltd	2017903578	McElligott, M.
2017903509	O'Brien, G.; Dridan, M.	2017903579	Knorr, A.
2017903510	Technological Resources Pty. Limited	2017903580	Mantzis Holdings Pty Ltd.
2017903511	MHM Products Pty Ltd	2017903581	Glare, D.
2017903512	Macartney, B.	2017903582	Aristocrat Technologies Australia Pty Limited
2017903513	The Product Makers (Australia) Pty Ltd	2017903583	Conductix-Wampfler Pty Ltd
2017903514	White, D.	2017903584	Both Barrels Pty Ltd
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2017903524	Go People Pty Ltd		
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2017903538	The Australian National University		
2017903539	PATON INDUSTRIES		
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2017903543	Alsonex Pty Ltd		
2017903544	StretchSense Limited		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Aug 2017 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

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(71) 3D Space Arms Pty Ltd  
 (21) 2017219106 (22) 25.08.2017  
 (54) A Support Mechanism  
 (62) 2011217747

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(71) Abbott Medical Optics Inc.  
 (21) 2017219146 (22) 29.08.2017  
 (54) Automatically pulsing different aspiration levels to an ocular probe  
 (62) 2015213267

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(71) ABB Schweiz AG  
 (21) 2017219085 (22) 25.08.2017  
 (54) Protection of a surge arrester with a better protection against failure from thermal overload in case of a temporary overvoltage in an electrical grid line  
 (31) 93206 (32) 13.09.16 (33) LU

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(71) AbbVie Inc.  
 (21) 2017219100 (22) 25.08.2017  
 (54) Bromodomain inhibitors  
 (62) 2012361967

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(71) Accenture Global Solutions Limited  
 (21) 2017221858 (22) 01.09.2017  
 (54) GRAPH DATABASE ANALYSIS FOR NETWORK ANOMALY DETECTION SYSTEMS  
 (31) 62/384,128 (32) 06.09.16 (33) US

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(71) Adige S.p.A.  
 (21) 2017219176 (22) 30.08.2017  
 (54) SUPPORT DEVICE FOR SUPPORTING A TUBE ON A TUBE WORKING MACHINE, PARTICULARLY A LASER TUBE CUTTING MACHINE, AND TUBE WORKING MACHINE COMPRISING SUCH A SUPPORT DEVICE  
 (31) 102016000092105 (32) 13.09.16 (33) IT

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**AGARWAL, P. see Argenta Manufacturing Limited**  
 (21) 2017221825

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(71) Agency for Science, Technology and Research  
 (21) 2017219132 (22) 28.08.2017  
 (54) Purine diones as WNT pathway modulators  
 (62) 2014269134

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(71) A LED FYN Holding ApS  
 (21) 2017219170 (22) 29.08.2017  
 (54) Storm Protection Device  
 (31) PA 2016 00511 (32) 01.09.16 (33) DK

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(71) Amgen Research (Munich) GmbH  
 (21) 2017219083 (22) 25.08.2017  
 (54) Treatment of Acute Lymphoblastic Leukemia  
 (62) 2015238784

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(71) AMSTED Rail Company, Inc.  
 (21) 2017219078 (22) 25.08.2017  
 (54) Railway freight car draft gear assembly  
 (31) 15/255,440 (32) 02.09.16 (33) US

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(71) Applied Genetic Technologies Corporation  
 (21) 2017221791 (22) 30.08.2017  
 (54) RECOMBINANT VIRUS PRODUCTION USING MAMMALIAN CELLS IN SUSPENSION  
 (62) 2015202707

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(71) Argenta Manufacturing Limited; CLEVERLY, D.; GILL, D.; DAVIES, K.; AGARWAL, P.; WIN, S.; DEVARAJ, G.  
 (21) 2017221825 (22) 31.08.2017  
 (54) CHEWABLE FORMULATION  
 (62) 2014229179

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017219112 (22) 28.08.2017  
 (54) A GAMING MACHINE WITH A GAME FEATURE  
 (62) 2015201910

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017221817 (22) 31.08.2017  
 (54) A JACKPOT PREDICTION CONTROLLER, A GAMING SYSTEM AND A METHOD OF GAMING  
 (62) 2016201094

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017221821 (22) 31.08.2017  
 (54) NETWORK GAMING SYSTEM WITH BONUS CAPABILITY  
 (62) 2015205842

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(71) Aristocrat Technologies Australia Pty Limited  
 (21) 2017221824 (22) 31.08.2017  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING  
 (62) 2015268645

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(71) Array BioPharma Inc.  
 (21) 2017221802 (22) 30.08.2017  
 (54) BICYCLIC UREA, THIOUREA, GUANIDINE AND CYANOQUANIDINE COMPOUNDS USEFUL FOR THE TREATMENT OF PAIN  
 (62) 2013344886

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**Astex Therapeutics Ltd see Novartis AG**  
 (21) 2017221805

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(71) Baker Hughes, a GE company, LLC  
 (21) 2017219163 (22) 29.08.2017  
 (54) Frac sleeve system and method for non-sequential downhole operations  
 (62) 2014347200

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(71) Balance Therapeutics, Inc.  
 (21) 2017219099 (22) 25.08.2017  
 (54) Pentylentetrazole derivatives  
 (62) 2012250776

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(71) BE Intellectual Property, Inc.  
 (21) 2017221822 (22) 31.08.2017  
 (54) AIRCRAFT INTERIOR LAVATORY  
 (62) 2016219635

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(71) Berkeley Lights, Inc.  
 (21) 2017221826 (22) 30.08.2017  
 (54) Pens for biological micro-objects  
 (62) 2013337937

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(71) BGC Partners, Inc.  
 (21) 2017219145 (22) 29.08.2017  
 (54) ELECTRONIC TRADING SYSTEM USING A GAME CONTROLLER  
 (62) 2016213779

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**Cardioxyl Pharmaceuticals, Inc. see The Johns Hopkins University**  
 (21) 2017221796

Complete Applications Filed - Name Index cont'd

<p>(71) CEM Corporation (21) 2017219165 (22) 29.08.2017 (54) INSTRUMENT FOR ANALYTICAL SAMPLE PREPARATION (31) 15/644,938 (32) 10.07.17 (33) US</p>	<p><b>CLEVERLY, D. see Argenta Manufacturing Limited</b> (21) 2017221825</p>	<p>(54) Controlling ground engaging elements based on images (31) 15/281,867 (32) 30.09.16 (33) US</p>
<p>(71) CEM Corporation (21) 2017219166 (22) 29.08.2017 (54) RAPID ENERGIZED DISPERSIVE SOLID PHASE EXTRACTION (SPE) FOR ANALYTICAL ANALYSIS (31) 15/644,950 (32) 10.07.17 (33) US</p>	<p>(71) Connected Group Australia Pty Ltd (21) 2017219139 (22) 28.08.2017 (54) Power Outlet Socket Sensor Switch (62) 2014253665</p>	<p>(71) Deere &amp; Company (21) 2017221780 (22) 30.08.2017 (54) Independent drum drive system for a cotton harvester row unit (31) 15/281,153 (32) 30.09.16 (33) US</p>
<p>(71) CEM Corporation (21) 2017219168 (22) 29.08.2017 (54) RAPID SAMPLE PREPARATION FOR ANALYTICAL ANALYSIS USING DISPERSIVE ENERGIZED EXTRACTION (31) 15/644,920 (32) 10.07.17 (33) US</p>	<p>(71) Corning Cable Systems LLC (21) 2017221814 (22) 31.08.2017 (54) Fiber optic cables and assemblies for fiber toward the subscriber applications (62) 2015264942</p>	<p>(71) DePuy Mitek, Inc. (21) 2017219147 (22) 29.08.2017 (54) SUTURE ANCHOR AND THREADER (62) 2016201379</p>
<p>(71) CEM Corporation (21) 2017221772 (22) 30.08.2017 (54) USE OF EXCESS CARBODIIMIDE FOR PEPTIDE SYNTHESIS AT ELEVATED TEMPERATURES (31) 62/382,949 (32) 02.09.16 (33) US</p>	<p>(71) Covidien LP (21) 2017219103 (22) 25.08.2017 (54) Surgical stapling apparatus (62) 2013206692</p>	<p><b>DEVARAJ, G. see Argenta Manufacturing Limited</b> (21) 2017221825</p>
<p>(71) Centro de Ingenieria Genetica y Biotecnologia (21) 2017221776 (22) 30.08.2017 (54) Method for obtaining 1-kestose (62) 2013317358</p>	<p>(71) Covidien LP (21) 2017219149 (22) 29.08.2017 (54) Surgical end effectors (31) 15/678,160 (32) 16.08.17 (33) US 62/410,879 21.10.16 US</p>	<p>(71) DexCom, Inc. (21) 2017219138 (22) 28.08.2017 (54) Time averaged basal rate optimizer (62) 2014290745</p>
<p>(71) Cerebrotech Medical Systems, Inc. (21) 2017219086 (22) 25.08.2017 (54) Diagnostic method for detection of fluid changes (62) 2013209519</p>	<p>(71) Covidien LP (21) 2017219155 (22) 29.08.2017 (54) Surgical end effectors (31) 15/678,156 (32) 16.08.17 (33) US 62/410,878 21.10.16 US</p>	<p><b>Duke University see Children's Medical Center Corporation</b> (21) 2017219113</p>
<p>(71) CFPH, LLC (21) 2017219136 (22) 28.08.2017 (54) SYSTEM AND METHOD FOR MANAGING FINANCIAL MARKET INFORMATION (62) 2015227442</p>	<p>(71) Covidien LP (21) 2017219162 (22) 29.08.2017 (54) Surgical end effectors (31) 62/410,876 (32) 21.10.16 (33) US 15/678,149 16.08.17 US</p>	<p>(71) Dynamics Inc. (21) 2017219095 (22) 25.08.2017 (54) Cards, devices, systems and methods for advanced payment functionality selection (62) 2012240353</p>
<p>(71) CFPH, LLC (21) 2017219141 (22) 28.08.2017 (54) DIGITAL COMPUTING AND PROCESSING SYSTEMS INVOLVING INTERPROGRAM OR INTERPROCESS COMMUNICATION REGARDING RISK IN AMUSEMENT DEVICES (62) 2012298931</p>	<p>(71) Cumberland Emerging Technologies, Inc. (21) 2017219121 (22) 28.08.2017 (54) Methods of Treating Hepatorenal Syndrome and Hepatic Encephalopathy with Thromboxane-A2 Receptor Antagonists (62) 2015203036</p>	<p>(71) Eaton Corporation (21) 2017221804 (22) 30.08.2017 (54) GOLF GRIP WITH REMINDER RIB (31) 15/270,058 (32) 20.09.16 (33) US</p>
<p>(71) Children's Medical Center Corporation; Duke University (21) 2017219113 (22) 28.08.2017 (54) A BROADLY NEUTRALIZING HUMAN ANTIBODY THAT RECOGNIZES THE RECEPTOR-BINDING POCKET OF INFLUENZA HEMAGGLUTININ (62) 2012289926</p>	<p><b>DAVIES, K. see Argenta Manufacturing Limited</b> (21) 2017221825</p>	<p>(71) eBay Inc. (21) 2017219097 (22) 25.08.2017 (54) Managed inventory (62) 2014364486</p>
<p>(71) Deere &amp; Company (21) 2017219144 (22) 29.08.2017 (54) Boom segment and breakaway mechanism (31) 15/279,648 (32) 29.09.16 (33) US</p>	<p>(71) Deere &amp; Company (21) 2017221774 (22) 30.08.2017</p>	<p>(71) Edge Enterprises Group Pty Ltd (21) 2017219101 (22) 25.08.2017 (54) A device for measuring straightness and squareness of walls, floor and ceiling of building structures and the like (62) 2012203425</p>
<p>(71) EpitoGenesis Inc. (21) 2017221829 (22) 31.08.2017 (54) Pharmaceutical compositions, comprising a combination of select carriers, vitamins, tannins and flavonoids as antigen-specific immuno-modulators (62) 2012272652</p>		

Complete Applications Filed - Name Index cont'd

- (71) Essilor International (Compagnie Générale d'Optique)  
(21) 2017221800 (22) 30.08.2017  
(54) Ophthalmic lens supply system and related methods  
(62) 2013283265
- 
- Exelixis see Sanofi**  
(21) 2017219131
- 
- (71) Facebook, Inc.  
(21) 2017219167 (22) 29.08.2017  
(54) Graph query logic  
(31) 15/482,551 (32) 07.04.17 (33) US  
(62) 2013308885
- 
- (71) Facebook, Inc.  
(21) 2017221801 (22) 30.08.2017  
(54) Static rankings for search queries on online social networks  
(31) 15/653,351 (32) 18.07.17 (33) US  
(62) 2016203560
- 
- (71) Fiserv, Inc.  
(21) 2017221777 (22) 30.08.2017  
(54) Generating integrated data records by correlating source data records from disparate data sources  
(62) 2016203090
- 
- (71) FLSmidth A/S  
(21) 2017221773 (22) 30.08.2017  
(54) System and method for enhanced metal recovery during atmospheric leaching of metal sulfides  
(62) 2015349747
- 
- (71) FLSmidth A/S  
(21) 2017221775 (22) 30.08.2017  
(54) Activation system and method for enhancing metal recovery during atmospheric leaching of metal sulfides  
(62) 2015349677
- 
- (71) Foshan Imons Intelligence Technology Company Limited; Golden Coffee Electrical Company Limited; Nuevo Pty Ltd  
(21) 2017219087 (22) 25.08.2017  
(54) A portable household beverage machine  
(31) 201610840691.5 (32) 22.09.16 (33) CN
- 
- (71) GENENTECH, INC.  
(21) 2017221784 (22) 30.08.2017  
(54) Novel compositions and methods for the treatment of immune related diseases  
(62) 2015202123
- 
- (71) General Electric Company  
(21) 2017221831 (22) 31.08.2017
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- (54) SYSTEMS AND METHODS FOR GENERATING POWER IN A VEHICLE  
(62) 2013219221
- 
- (71) GIANT MANUFACTURING CO., LTD  
(21) 2017221795 (22) 30.08.2017  
(54) ADJUSTABLE SEAT TUBE STRUCTURE AND BICYCLE  
(31) 105128092 (32) 31.08.16 (33) TW
- 
- (71) Gilead Sciences, Inc.  
(21) 2017221797 (22) 30.08.2017  
(54) Modulators of pharmacokinetic properties of therapeutics  
(62) 2015258296
- 
- GILL, D. see Argenta Manufacturing Limited**  
(21) 2017221825
- 
- (71) Globaltech Corporation Pty Ltd  
(21) 2017219110 (22) 28.08.2017  
(54) Improvements to downhole surveying and core sample orientation systems, devices and methods  
(62) 2013225614
- 
- Golden Coffee Electrical Company Limited see Foshan Imons Intelligence Technology Company Limited**  
(21) 2017219087
- 
- (71) Google Inc.  
(21) 2017219169 (22) 29.08.2017  
(54) MAGNETIC FLUX CONTROL IN SUPERCONDUCTING DEVICES  
(31) 15/686,902 (32) 25.08.17 (33) US
- 
- (71) Harex Infotech Inc.  
(21) 2017219173 (22) 29.08.2017  
(54) Complex payment system using a portable terminal and the method thereof  
(62) 2012284760
- 
- (71) Harnischfeger Technologies, Inc.  
(21) 2017219143 (22) 29.08.2017  
(54) Shovel having a wristing dipper  
(62) 2016202862
- 
- (71) HeartFlow, Inc.  
(21) 2017221811 (22) 31.08.2017  
(54) Method and system for patient-specific modeling of blood flow  
(62) 2017203113
- 
- (71) Heartland Technology Partners LLC  
(21) 2017221790 (22) 30.08.2017  
(54) Compact wastewater concentrator and pollutant scrubber  
(62) 2015203696
- 
- (71) Ho, H.M.M.  
(21) 2017219174 (22) 30.08.2017  
(54) DEVICE FOR PERFORMING ELECTROTHERAPEUTIC MASSAGE AND/OR THERMAL TREATMENT ON A PERSON'S HEAD, NECK, AND SHOULDERS  
(31) 106114672 (32) 03.05.17 (33) TW
- 
- (71) Huawei Technologies Co., Ltd.  
(21) 2017219105 (22) 25.08.2017  
(54) System and method for designing and using multidimensional constellations  
(62) 2014283895
- 
- (71) IGT  
(21) 2017219092 (22) 25.08.2017  
(54) Gaming system and method providing a skill-based wagering game with an average expected payback percentage determined based on player skill level  
(31) 15/675,161 (32) 11.08.17 (33) US  
62/398,977 23.09.16 US
- 
- (71) IGT  
(21) 2017219094 (22) 25.08.2017  
(54) Gaming system player identification device  
(31) 62/398,846 (32) 23.09.16 (33) US  
15/678,410 16.08.17 US
- 
- (71) Illinois Tool Works Inc.  
(21) 2017221792 (22) 30.08.2017  
(54) Connection of structural components in a building structure  
(31) 2016903626 (32) 08.09.16 (33) AU
- 
- (71) Incube Labs, LLC  
(21) 2017219161 (22) 29.08.2017  
(54) Myocardial drug delivery apparatus and methods  
(62) 2012340751
- 
- (71) Industrial Scientific Corporation  
(21) 2017219135 (22) 28.08.2017  
(54) A multi-sense environmental monitoring device and method  
(62) 2015261602
- 
- (71) Inocucor Technologies Inc.  
(21) 2017221783 (22) 30.08.2017  
(54) Microbial compositions and methods  
(62) 2016204301
- 
- (71) Instrumentation Laboratory Company  
(21) 2017219171 (22) 29.08.2017  
(54) Extrapolation of interpolated sensor data to increase sample throughput  
(62) 2012296505

Complete Applications Filed - Name Index cont'd

(71) Interlock USA, Inc.  
 (21) 2017221813 (22) 31.08.2017  
 (54) CASEMENT WINDOW LOCK BAR  
 (31) 62/381,764 (32) 31.08.16 (33) US  
 62/414,026 28.10.16 US  
 15/686,819 25.08.17 US

(71) Ipsen Bioinnovation Limited  
 (21) 2017221793 (22) 30.08.2017  
 (54) Methods for the manufacture of proteo-  
 lytically processed polypeptides  
 (62) 2012395188

(71) Janssen Pharmaceutica NV  
 (21) 2017221812 (22) 31.08.2017  
 (54) Quinazolinones as prolyl hydroxylase  
 inhibitors  
 (62) 2015249140

(71) JARVIS, H.  
 (21) 2017221803 (22) 30.08.2017  
 (54) AN AGRICULTURAL CULTIVATOR  
 APPARATUS  
 (31) 2016903480 (32) 31.08.16 (33) AU

(71) Jelmar, LLC  
 (21) 2017219102 (22) 25.08.2017  
 (54) Stain Removing Solution  
 (62) 2013205967

(71) Jelmar, LLC  
 (21) 2017219104 (22) 25.08.2017  
 (54) Mold and Mildew Stain Removing Solu-  
 tion  
 (62) 2013205968

(71) Joy MM Delaware, Inc.  
 (21) 2017219115 (22) 28.08.2017  
 (54) Coupled compound planetary transmis-  
 sion for a wheel unit  
 (31) 15/256,789 (32) 06.09.16 (33) US

(71) Kabushiki Kaisha Honda Lock  
 (21) 2017219098 (22) 25.08.2017  
 (54) Door opening and closing device for  
 vehicle  
 (62) 2014381339

(71) Kabushiki Kaisha Toshiba  
 (21) 2017219159 (22) 29.08.2017  
 (54) Acidic gas recovery apparatus and  
 acidic gas recovery method  
 (31) 2016-170879 (32) 01.09.16 (33) JP

(71) Kinetic Supply Pty Ltd  
 (21) 2017219119 (22) 28.08.2017  
 (54) Adjustable wall furniture for wall moun-  
 ted taps  
 (31) 2016903497 (32) 01.09.16 (33) AU

(71) Koninklijke Philips N.V.  
 (21) 2017221827 (22) 31.08.2017  
 (54) Host device, client device and method  
 for wireless docking in a dynamic envir-  
 onment for multiple clients  
 (62) 2013328249

(71) Kyphon SARL  
 (21) 2017219134 (22) 28.08.2017  
 (54) Surgical system and methods of use  
 (31) 15/288,570 (32) 07.10.16 (33) US

(71) L. & A. FAZZINI MANUFACTURING  
 PTY LTD  
 (21) 2017219160 (22) 29.08.2017  
 (54) Improved mesh, mesh panels, compos-  
 ite building elements and method of re-  
 inforcing and articles reinforced by the  
 method, duct and riser walls and meth-  
 ods for their construction  
 (62) 2013299323

(71) Landmark Graphics Corporation  
 (21) 2017219128 (22) 28.08.2017  
 (54) Systems and methods for identifying  
 geological core areas  
 (62) 2013392608

(71) Lemar Micro Devices SA  
 (21) 2017219130 (22) 28.08.2017  
 (54) PERSONAL HEALTH DATA COLLEC-  
 TION  
 (62) 2016202906

(71) LG Electronics Inc.  
 (21) 2017219154 (22) 29.08.2017  
 (54) Refrigerator including touch sensor  
 (31) 10-2016-0112173 (32) 31.08.16 (33) KR

(71) LG Fuel Cell Systems Inc.  
 (21) 2017219116 (22) 28.08.2017  
 (54) ENGINE SYSTEMS AND METHODS  
 FOR OPERATING AN ENGINE  
 (62) 2012275548

(71) Lohmann Animal Health GmbH  
 (21) 2017219152 (22) 29.08.2017  
 (54) Preparation of live vaccines  
 (62) 2013311675

(71) Machine Zone, Inc.  
 (21) 2017221809 (22) 30.08.2017  
 (54) SYSTEMS AND METHODS FOR  
 MULTI-USER MULTI-LINGUAL COM-  
 MUNICATIONS  
 (62) 2014275087

(71) MadGrip Holdings, LLC  
 (21) 2017221818 (22) 31.08.2017  
 (54) TECHNICAL KNIT GLOVE  
 (31) 15/255,633 (32) 02.09.16 (33) US

(71) MAS Australasia Pty Ltd  
 (21) 2017221808 (22) 30.08.2017  
 (54) Scaffolding System and Clamp Thereof  
 (31) 2017900044 (32) 09.01.17 (33) AU

(71) MasterCard International Incorporated  
 (21) 2017219111 (22) 28.08.2017  
 (54) METHOD AND SYSTEM FOR PRE-  
 VENTION OF VIOLATIONS IN OFFER  
 REDEMPTION  
 (62) 2014249515

(71) Maxsecure Systems Incorporated  
 (21) 2017221861 (22) 01.09.2017  
 (54) Surface Mounted Furniture Having  
 Concealed Mount  
 (62) 2015203665

(71) MedImmune, LLC; MedImmune Limited  
 (21) 2017219081 (22) 25.08.2017  
 (54) COMBINATION THERAPIES USING  
 ANTI- PSEUDOMONAS PSL AND  
 PCRV BINDING MOLECULES  
 (62) 2012336028

MedImmune Limited see MedImmune, LLC  
 (21) 2017219081

(71) Medtronic, Inc.  
 (21) 2017219120 (22) 28.08.2017  
 (54) Colorimetric gas detection  
 (31) 15/677,645 (32) 15.08.17 (33) US  
 62/385,949 09.09.16 US

(71) Metabasis Therapeutics, Inc.  
 (21) 2017219117 (22) 28.08.2017  
 (54) Novel antagonists of the glucagon re-  
 ceptor  
 (62) 2014204420

(71) Micell Technologies, Inc.  
 (21) 2017219090 (22) 25.08.2017  
 (54) PROLONGED DRUG-ELUTING  
 PRODUCTS  
 (31) 15/274,105 (32) 23.09.16 (33) US

(71) MMA Offshore Limited  
 (21) 2017221806 (22) 30.08.2017  
 (54) Wave Breaker Safety System  
 (31) 2017901107 (32) 28.03.17 (33) AU

(71) Monsanto Technology LLC  
 (21) 2017219151 (22) 29.08.2017  
 (54) LOW VOLATILITY HERBICIDAL COM-  
 POSITIONS  
 (62) 2013337293

(71) nanoComposix, Inc.; Sienna Biophar-  
 maceuticals, Inc.  
 (21) 2017219126 (22) 28.08.2017

Complete Applications Filed - Name Index cont'd

(54) Silver nanoplate compositions and methods  
(62) 2013329450

(71) Nippon Steel & Sumikin Welding Co.,Ltd.  
(21) 2017219123 (22) 28.08.2017

(54) Flux-cored wire for gas shielded arc welding  
(31) 2016-167212 (32) 29.08.16 (33) JP

(71) Nobactra Israel Ltd.  
(21) 2017221781 (22) 30.08.2017  
(54) A package for plant antimicrobial treatment  
(62) 2014255311

(71) Novartis AG  
(21) 2017219093 (22) 25.08.2017  
(54) Combination of an ALK inhibitor and a CDK inhibitor for the treatment of cell proliferative diseases  
(62) 2014312261

(71) Novartis AG; Astex Therapeutics Ltd  
(21) 2017221805 (22) 30.08.2017  
(54) Salt(s) of 7-Cyclopentyl-2-(5-piperazin-1-yl-pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide and processes of making thereof  
(62) 2016203534

(71) NovImmune S.A.  
(21) 2017221794 (22) 30.08.2017  
(54) Methods of Purifying Antibodies  
(62) 2012351751

**Nuevo Pty Ltd see Foshan Imons Intelligence Technology Company Limited**  
(21) 2017219087

(71) OpenTV, Inc.  
(21) 2017219148 (22) 29.08.2017  
(54) Playing of multiple media streams in a single-player software environment  
(62) 2013224731

(71) Panacea Biomatrix, Inc.  
(21) 2017221810 (22) 30.08.2017  
(54) METHOD AND SYSTEM FOR MAKING CUSTOMIZED FORMULATIONS FOR INDIVIDUALS  
(62) 2014248516

(71) Phoenix Product Development Limited  
(21) 2017219107 (22) 28.08.2017  
(54) Toilet pan body and its method of manufacturing  
(62) 2013224914

(71) Pierre Fabre Medicament  
(21) 2017219091 (22) 25.08.2017

(54) Antigen binding protein and its use as addressing product for the treatment of cancer  
(62) 2012331068

(71) Preco Electronics, Inc.  
(21) 2017221859 (22) 01.09.2017  
(54) MONITORING AND ALERT APPARATUS AND METHODS FOR RADOME PERFORMANCE AFFECTED BY DIRT OR DEBRIS  
(31) 62/383,228 (32) 02.09.16 (33) US

(71) Pressco Technology Inc.  
(21) 2017219150 (22) 29.08.2017  
(54) A method and system for wavelength specific thermal irradiation and treatment  
(62) 2016202941

(71) Primal Fusion Inc.  
(21) 2017221807 (22) 30.08.2017  
(54) PREFERENCE-GUIDED DATA EXPLORATION AND SEMANTIC PROCESSING  
(62) 2012272479

(71) Quantax Pty Ltd  
(21) 2017219084 (22) 25.08.2017  
(54) Improved torque tensioning system for cable bolts  
(62) 2013209274

(71) Redman, C.  
(21) 2017221798 (22) 30.08.2017  
(54) Paper Product  
(62) 2016216539

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2017219079 (22) 25.08.2017  
(54) MICE THAT MAKE BINDING PROTEINS COMPRISING VL DOMAINS  
(62) 2015203288

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2017219080 (22) 25.08.2017  
(54) NON-HUMAN ANIMALS EXPRESSING PH-SENSITIVE IMMUNOGLOBULIN SEQUENCES  
(62) 2015227453

(71) Regulus Therapeutics Inc.  
(21) 2017219156 (22) 29.08.2017  
(54) MicroRNA compounds and methods for modulating miR-21 activity  
(62) 2012249851

(71) Reynolds, N.  
(21) 2017219129 (22) 28.08.2017  
(54) Burley Filled Fishing Lure

(71) Romark Laboratories, L.C.  
(21) 2017221785 (22) 30.08.2017  
(54) Use of thiazolidine compounds for the prevention and treatment of viral diseases, cancer and diseases caused by intracellular infections  
(62) 2016201747

(71) Romark Laboratories L.C.  
(21) 2017221828 (22) 31.08.2017  
(54) Compounds and methods for treating influenza  
(62) 2010264479

(71) RxSafe LLC  
(21) 2017221799 (22) 30.08.2017  
(54) Verification system for a pharmacy packaging system  
(31) 15/277,493 (32) 27.09.16 (33) US

(71) Sanofi; Exelixis  
(21) 2017219131 (22) 28.08.2017  
(54) N- (3- { [ (3- { [2-chloro-5- (methoxy) phenyl] amino} quinoxalin- 2 -yl) amino] sulfonyl} phe nyl) - 2 -methylalaninamide as phosphatidylinositol 3 - kinase inhibitor for the treatment of lymphoproliferative malignancies  
(62) 2012332486

(71) Schneider Electric Industries SAS  
(21) 2017219124 (22) 28.08.2017  
(54) Monitoring unit for monitoring a circuit breaker comprising an electrical power supply management system and circuit breaker comprising such a unit  
(31) 1658006 (32) 29.08.16 (33) FR

(71) Schneider Electric Industries SAS  
(21) 2017219153 (22) 29.08.2017  
(54) Rogowski coil type sensor for measuring current, measuring device and electrical circuit breaker including such a sensor, and method for winding such a sensor  
(31) 1658081 (32) 31.08.16 (33) FR

(71) Seiko Epson Corporation  
(21) 2017221788 (22) 30.08.2017  
(54) Cartridge, printing material supply system, printing apparatus, liquid accommodation container, a printing system, and a terminal connection structure  
(62) 2015227539

(71) Sennheiser Electronic GmbH & Co. KG  
(21) 2017221778 (22) 30.08.2017  
(54) MICROPHONE UNIT FOR AN ACTION CAMERA  
(31) 10 2016 116 424.0 (32) 02.09.16 (33) DE

Complete Applications Filed - Name Index cont'd

**Sienna Biopharmaceuticals, Inc. see nano-Composix, Inc.**  
**(21)** 2017219126

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**(71)** Simco Mining Products and Services Pty Ltd  
**(21)** 2017219108 **(22)** 28.08.2017  
**(54)** RETAINER SYSTEMS  
**(62)** 2012268800

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**(71)** Smart, D.  
**(21)** 2017219142 **(22)** 29.08.2017  
**(54)** Location Based Augmented Reality Property Listing Method, Software and System  
**(31)** 2016 06025 **(32)** 31.08.16 **(33)** ZA  
 2016 08802 21.12.16 ZA

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**(71)** Smith & Nephew Plc  
**(21)** 2017219122 **(22)** 28.08.2017  
**(54)** Wound dressing and method of treatment  
**(62)** 2012282287

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**(71)** Soane Energy, LLC  
**(21)** 2017219172 **(22)** 29.08.2017  
**(54)** FORMULATIONS AND METHODS FOR REMOVING HYDROCARBONS FROM SURFACES  
**(62)** 2014342556

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**(71)** Spin Master Ltd  
**(21)** 2017219164 **(22)** 29.08.2017  
**(54)** Assembly with object in housing and mechanism to open housing  
**(62)** 2017202931

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**(71)** Sunesis Pharmaceuticals, Inc.  
**(21)** 2017219114 **(22)** 28.08.2017  
**(54)** STABLE SNS-595 COMPOSITIONS AND METHODS OF PREPARATION  
**(62)** 2015246121

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**(71)** T.J. Smith & Nephew Limited  
**(21)** 2017219133 **(22)** 28.08.2017  
**(54)** Medical Device  
**(62)** 2015261563

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**(71)** Tangent Reprofile Limited  
**(21)** 2017221819 **(22)** 31.08.2017  
**(54)** MODULATORS OF ANDROGEN SYNTHESIS  
**(62)** 2013322612

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**(71)** Teleflex Medical Incorporated  
**(21)** 2017221786 **(22)** 30.08.2017  
**(54)** Needlescopic instrument with reusable handle and detachable needle assembly  
**(62)** 2014253930

**(71)** Tempress Technologies, Inc.  
**(21)** 2017221830 **(22)** 31.08.2017  
**(54)** Hydraulic pulse valve with improved wear life and performance  
**(31)** 62/394,478 **(32)** 14.09.16 **(33)** US  
 15/685,271 24.08.17 US

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**(71)** The Boeing Company  
**(21)** 2017219137 **(22)** 28.08.2017  
**(54)** Method and system for non-destructive testing using an unmanned aerial vehicle  
**(31)** 15/338,491 **(32)** 31.10.16 **(33)** US

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**(71)** The Johns Hopkins University; Cardioxyl Pharmaceuticals, Inc.  
**(21)** 2017221796 **(22)** 30.08.2017  
**(54)** N-HYDROXYLSULFONAMIDE DERIVATIVES AS NEW PHYSIOLOGICALLY USEFUL NITROXYL DONORS  
**(62)** 2016201037

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**(71)** Thru Tubing Solutions, Inc.  
**(21)** 2017219082 **(22)** 25.08.2017  
**(54)** FLOW CONTROL IN SUBTERRANEAN WELLS  
**(62)** 2016202614

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**(71)** Thru Tubing Solutions, Inc.  
**(21)** 2017219089 **(22)** 25.08.2017  
**(54)** Flow control in subterranean wells  
**(62)** 2016202533

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**(71)** Toshiba Lighting & Technology Corporation  
**(21)** 2017221863 **(22)** 01.09.2017  
**(54)** Lighting apparatus  
**(31)** 2017-011471 **(32)** 25.01.17 **(33)** JP

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**(71)** Toyota Jidosha Kabushiki Kaisha  
**(21)** 2017219118 **(22)** 28.08.2017  
**(54)** Vehicle  
**(31)** 2016-172879 **(32)** 05.09.16 **(33)** JP

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**(71)** Transposagen Biopharmaceuticals, Inc.  
**(21)** 2017221779 **(22)** 30.08.2017  
**(54)** Site-Specific Enzymes and Methods of Use  
**(62)** 2013344375

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**(71)** Tristar Products, Inc.  
**(21)** 2017221815 **(22)** 31.08.2017  
**(54)** Nail Clipping Device  
**(31)** 15/254,154 **(32)** 01.09.16 **(33)** US

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**(71)** TYR Tactical, LLC  
**(21)** 2017221832 **(22)** 31.08.2017  
**(54)** Ballistic collar  
**(31)** 62/382,079 **(32)** 31.08.16 **(33)** US

**(71)** Virtru Corporation  
**(21)** 2017219140 **(22)** 28.08.2017  
**(54)** METHODS AND SYSTEMS FOR DISTRIBUTING CRYPTOGRAPHIC DATA TO AUTHENTICATED RECIPIENTS  
**(62)** 2016201462

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**(71)** Warsaw Orthopedic, Inc.  
**(21)** 2017221862 **(22)** 01.09.2017  
**(54)** Sacro-iliac joint implant system and method  
**(31)** 15/339,861 **(32)** 31.10.16 **(33)** US

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**(71)** WeSpeke, Inc.  
**(21)** 2017221787 **(22)** 30.08.2017  
**(54)** LANGUAGE LEARNING EXCHANGE  
**(62)** 2015249164

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**(71)** Wilkhahn Wilkening + Hahne GmbH + Co. KG  
**(21)** 2017219109 **(22)** 28.08.2017  
**(54)** Table  
**(31)** 10 2016 116 232.9 **(32)** 31.08.16 **(33)** DE

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**WIN, S. see Argenta Manufacturing Limited**  
**(21)** 2017221825

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**(71)** Wright Medical Technology, Inc.  
**(21)** 2017221820 **(22)** 31.08.2017  
**(54)** PATIENT-SPECIFIC SURGICAL DEVICES, SYSTEMS, AND METHODS  
**(62)** 2015202252

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**(71)** X Development LLC  
**(21)** 2017219125 **(22)** 28.08.2017  
**(54)** High frequency bi-directional AC power transmission  
**(62)** 2017203363

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**(71)** Xyleco, Inc.  
**(21)** 2017219157 **(22)** 29.08.2017  
**(54)** Controlling Process Gases  
**(62)** 2014225489

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**(71)** Zeng Hsing Industrial Co., Ltd.  
**(21)** 2017219175 **(22)** 30.08.2017  
**(54)** VACUUM CLEANER

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**(71)** Zhengzhou Zezheng Technical Services Ltd.  
**(21)** 2017221771 **(22)** 30.08.2017  
**(54)** Turbine dental drill mechanism and turbine head with same mounted therein  
**(62)** 2013211333

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<b>2017219078</b>	AMSTED Rail Company, Inc.	<b>2017219147</b>	DePuy Mitek, Inc.
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<b>2017219080</b>	Regeneron Pharmaceuticals, Inc.	<b>2017219149</b>	Covidien LP
<b>2017219081</b>	MedImmune, LLC; MedImmune Limited	<b>2017219150</b>	Pressco Technology Inc.
<b>2017219082</b>	Thru Tubing Solutions, Inc.	<b>2017219151</b>	Monsanto Technology LLC
<b>2017219083</b>	Amgen Research (Munich) GmbH	<b>2017219152</b>	Lohmann Animal Health GmbH
<b>2017219084</b>	Quantax Pty Ltd	<b>2017219153</b>	Schneider Electric Industries SAS
<b>2017219085</b>	ABB Schweiz AG	<b>2017219154</b>	LG Electronics Inc.
<b>2017219086</b>	Cerebrotech Medical Systems, Inc.	<b>2017219155</b>	Covidien LP
<b>2017219087</b>	Foshan Imons Intelligence Technology Company Limited; Golden Coffee Electrical Company Limited; Nuevo Pty Ltd	<b>2017219156</b>	Regulus Therapeutics Inc.
<b>2017219089</b>	Thru Tubing Solutions, Inc.	<b>2017219157</b>	Xyleco, Inc.
<b>2017219090</b>	Micell Technologies, Inc.	<b>2017219159</b>	Kabushiki Kaisha Toshiba
<b>2017219091</b>	Pierre Fabre Medicament	<b>2017219160</b>	L. & A. FAZZINI MANUFACTURING PTY LTD
<b>2017219092</b>	IGT	<b>2017219161</b>	Incube Labs, LLC
<b>2017219093</b>	Novartis AG	<b>2017219162</b>	Covidien LP
<b>2017219094</b>	IGT	<b>2017219163</b>	Baker Hughes, a GE company, LLC
<b>2017219095</b>	Dynamics Inc.	<b>2017219164</b>	Spin Master Ltd
<b>2017219097</b>	eBay Inc.	<b>2017219165</b>	CEM Corporation
<b>2017219098</b>	Kabushiki Kaisha Honda Lock	<b>2017219166</b>	CEM Corporation
<b>2017219099</b>	Balance Therapeutics, Inc.	<b>2017219167</b>	Facebook, Inc.
<b>2017219100</b>	AbbVie Inc.	<b>2017219168</b>	CEM Corporation
<b>2017219101</b>	Edge Enterprises Group Pty Ltd	<b>2017219169</b>	Google Inc.
<b>2017219102</b>	Jelmar, LLC	<b>2017219170</b>	A LED FYN Holding ApS
<b>2017219103</b>	Covidien LP	<b>2017219171</b>	Instrumentation Laboratory Company
<b>2017219104</b>	Jelmar, LLC	<b>2017219172</b>	Soane Energy, LLC
<b>2017219105</b>	Huawei Technologies Co., Ltd.	<b>2017219173</b>	Harex Infotech Inc.
<b>2017219106</b>	3D Space Arms Pty Ltd	<b>2017219174</b>	Ho, H.M.M.
<b>2017219107</b>	Phoenix Product Development Limited	<b>2017219175</b>	Zeng Hsing Industrial Co., Ltd.
<b>2017219108</b>	Simco Mining Products and Services Pty Ltd	<b>2017219176</b>	Adige S.p.A.
<b>2017219109</b>	Wilkahn Wilkening + Hahne GmbH + Co. KG	<b>2017221771</b>	Zhengzhou Zezheng Technical Services Ltd.
<b>2017219110</b>	Globaltech Corporation Pty Ltd	<b>2017221772</b>	CEM Corporation
<b>2017219111</b>	MasterCard International Incorporated	<b>2017221773</b>	FLSmith A/S
<b>2017219112</b>	Aristocrat Technologies Australia Pty Limited	<b>2017221774</b>	Deere & Company
<b>2017219113</b>	Children's Medical Center Corporation; Duke University	<b>2017221775</b>	FLSmith A/S
<b>2017219114</b>	Sunesis Pharmaceuticals, Inc.	<b>2017221776</b>	Centro de Ingenieria Genetica y Biotecnologia
<b>2017219115</b>	Joy MM Delaware, Inc.	<b>2017221777</b>	Fiserv, Inc.
<b>2017219116</b>	LG Fuel Cell Systems Inc.	<b>2017221778</b>	Sennheiser Electronic GmbH & Co. KG
<b>2017219117</b>	Metabasis Therapeutics, Inc.	<b>2017221779</b>	Transposagen Biopharmaceuticals, Inc.
<b>2017219118</b>	Toyota Jidosha Kabushiki Kaisha	<b>2017221780</b>	Deere & Company
<b>2017219119</b>	Kinetic Supply Pty Ltd	<b>2017221781</b>	Nobactra Israel Ltd.
<b>2017219120</b>	Medtronic, Inc.	<b>2017221783</b>	Inocucor Technologies Inc.
<b>2017219121</b>	Cumberland Emerging Technologies, Inc.	<b>2017221784</b>	GENENTECH, INC.
<b>2017219122</b>	Smith & Nephew Plc	<b>2017221785</b>	Romark Laboratories, L.C.
<b>2017219123</b>	Nippon Steel & Sumikin Welding Co.,Ltd.	<b>2017221786</b>	Teleflex Medical Incorporated
<b>2017219124</b>	Schneider Electric Industries SAS	<b>2017221787</b>	WeSpeke, Inc.
<b>2017219125</b>	X Development LLC	<b>2017221788</b>	Seiko Epson Corporation
<b>2017219126</b>	nanoComposix, Inc.; Sienna Biopharmaceuticals, Inc.	<b>2017221790</b>	Heartland Technology Partners LLC
<b>2017219128</b>	Landmark Graphics Corporation	<b>2017221791</b>	Applied Genetic Technologies Corporation
<b>2017219129</b>	Reynolds, N.	<b>2017221792</b>	Illinois Tool Works Inc.
<b>2017219130</b>	Leman Micro Devices SA	<b>2017221793</b>	Ipsen Bioinnovation Limited
<b>2017219131</b>	Sanofi; Exelixis	<b>2017221794</b>	NovImmune S.A.
<b>2017219132</b>	Agency for Science, Technology and Research	<b>2017221795</b>	GIANT MANUFACTURING CO., LTD
<b>2017219133</b>	T.J. Smith & Nephew Limited	<b>2017221796</b>	The Johns Hopkins University; CardioXyl Pharmaceuticals, Inc.
<b>2017219134</b>	Kyphon SARL	<b>2017221797</b>	Gilead Sciences, Inc.
<b>2017219135</b>	Industrial Scientific Corporation	<b>2017221798</b>	Redman, C.
<b>2017219136</b>	CFPH, LLC	<b>2017221799</b>	RxSafe LLC
<b>2017219137</b>	The Boeing Company	<b>2017221800</b>	Essilor International (Compagnie Générale d'Optique)
<b>2017219138</b>	DexCom, Inc.	<b>2017221801</b>	Facebook, Inc.
<b>2017219139</b>	Connected Group Australia Pty Ltd	<b>2017221802</b>	Array BioPharma Inc.
<b>2017219140</b>	Virtru Corporation	<b>2017221803</b>	JARVIS, H.
<b>2017219141</b>	CFPH, LLC	<b>2017221804</b>	Eaton Corporation
<b>2017219142</b>	Smart, D.	<b>2017221805</b>	Novartis AG; Astex Therapeutics Ltd
<b>2017219143</b>	Harnischfeger Technologies, Inc.	<b>2017221806</b>	MMA Offshore Limited
<b>2017219144</b>	Deere & Company	<b>2017221807</b>	Primal Fusion Inc.
<b>2017219145</b>	BGC Partners, Inc.	<b>2017221808</b>	MAS Australasia Pty Ltd
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		<b>2017221810</b>	Panacea Biomatrix, Inc.



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2017221811 HeartFlow, Inc.  
2017221812 Janssen Pharmaceutica NV  
2017221813 Interlock USA, Inc.  
2017221814 Corning Cable Systems LLC  
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2017221817 Aristocrat Technologies Australia Pty Limited  
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2017221819 Tangent Reprofilng Limited  
2017221820 Wright Medical Technology, Inc.  
2017221821 Aristocrat Technologies Australia Pty Limited  
2017221822 BE Intellectual Property, Inc.  
2017221824 Aristocrat Technologies Australia Pty Limited  
2017221825 Argenta Manufacturing Limited; CLEVERLY, D.; GILL, D.; DAVIES, K.; AGARWAL, P.; WIN, S.; DEVARAJ, G.  
2017221826 Berkeley Lights, Inc.  
2017221827 Koninklijke Philips N.V.  
2017221828 Romark Laboratories L.C.  
2017221829 EpitoGenesis Inc.  
2017221830 Tempress Technologies, Inc.  
2017221831 General Electric Company  
2017221832 TYR Tactical, LLC  
2017221858 Accenture Global Solutions Limited  
2017221859 Preco Electronics, Inc.  
2017221861 Maxsecure Systems Incorporated  
2017221862 Warsaw Orthopedic, Inc.  
2017221863 Toshiba Lighting & Technology Corporation

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Aug 2017 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) Apple Inc. (21) 2017101188 (22) 31.08.2017 (54) Electronic device including pin hole array mask above optical image sensor and related methods (62) PCT/US2016/023891</p>	<p>(54) Low Energy and Full Strength Explosive Charge Combination</p>	<p>(71) mcmahon, v.; Kidz Klipz (21) 2017101131 (22) 21.08.2017 (54) Kidz Klipz is a short video of children ranging from 1 to 10 with original scores in music and structured rules such as backgrounds and uniforms. The videos irradiate paper from the photographic industry and are original in the concept.</p>
<p>(71) Apple Inc. (21) 2017101191 (22) 31.08.2017 (54) Intelligent automated assistant (31) 15/385,606 (32) 20.12.16 (33) US 62/399,232 23.09.16 US</p>	<p>(71) Fuzhou City Huihexing Machinery Equipment Co., Ltd (21) 2017101200 (22) 03.09.2017 (54) An environmental protection dust removing device (31) 2017102403316 (32) 13.04.17 (33) CN</p>	<p>(71) SAL Nationwide Pty Ltd (21) 2017101192 (22) 31.08.2017 (54) Method of fitting a wirelessly controllable light dimmer</p>
<p>(71) Australian Postal Corporation (21) 2017101190 (22) 31.08.2017 (54) Content delivery system</p>	<p>(71) Fuzhou City Xingwangcheng Information Technology Co., Ltd. (21) 2017101207 (22) 04.09.2017 (54) A power supply unit (31) 2017104159839 (32) 06.06.17 (33) CN</p>	<p>(71) Shanmugam, S. (21) 2017101187 (22) 31.08.2017 (54) Cipherness</p>
<p>(71) Azimi, A. (21) 2017101184 (22) 30.08.2017 (54) Virtual trade show and artificial intelligence</p>	<p>(71) Fuzhou City Xingwangcheng Information Technology Co., Ltd. (21) 2017101209 (22) 05.09.2017 (54) A power distribution cabinet device (31) 2017104396694 (32) 12.06.17 (33) CN</p>	<p>(71) Suzhou Masibaowei Electronic Technology Co., Ltd (21) 2017101208 (22) 04.09.2017 (54) An automatic control NEV charging device (31) 2017102625203 (32) 20.04.17 (33) CN</p>
<p>(71) BISSELL Homecare, Inc. (21) 2017101186 (22) 31.08.2017 (54) Vacuum cleaner (62) 2013228064</p>	<p>(71) Fuzhou Rong Yi Xing Intelligent Technology Co., Ltd (21) 2017101210 (22) 05.09.2017 (54) A hand-type polishing device (31) 2017104282744 (32) 08.06.17 (33) CN</p>	<p>(71) Suzhou Ruifu Information Technology Co., Ltd (21) 2017101201 (22) 03.09.2017 (54) A signal reception device (31) 2017103698305 (32) 23.05.17 (33) CN</p>
<p>(71) Bounty Hunter Enterprises Pty Ltd (21) 2017101182 (22) 30.08.2017 (54) An Ethos for Identifying the Non-Financial Risks of Businesses in Financial Terms</p>	<p>(71) GINARD, G. (21) 2017101194 (22) 30.08.2017 (54) POOL TABLE WITH EQUILATERAL TRIANGLE HOLE OF THE PLAYING SURFACE WITH INSET INBUILT AUTO OR MANUAL TRIANGLE PLATFORM THAT DESCENDS FROM THE HOLE FOR RACKING OF POOL OBJECT BALLS AND ONCE RACKED ASCENDS BACK UP INTO THE TRIANGLE HOLE</p>	<p>(71) Techtaalik IP Pty Ltd (21) 2017101179 (22) 29.08.2017 (54) A ROD CASE</p>
<p>(71) Emery, L. (21) 2017101185 (22) 30.08.2017 (54) Pillowbed and pillowbeds - Specifically in this invention is the invention of single and double width pillowbeds, completed with buttons, ribbon, velcro or rope on the side/s; three to 10 sections altogether (uses three to 10 pillows depending on type and single/double pillowed), made of canvas, polyfleece, cotton, linen, woven cotton and poly cotton fabrics amongst other types of fabric, includes panels of fabric up the middle which is reversed on the other sides and includes covers for the pillowbeds.</p>	<p>(71) Grech, B. (21) 2017101183 (22) 30.08.2017 (54) Treatment for Irritable Bowel Syndrome (31) 2016903944 (32) 28.09.16 (33) AU</p>	<p>(71) Unicharm Corporation (21) 2017101181 (22) 30.08.2017 (54) PACKING SHEET AND PACKAGE BODY OF ABSORBENT ARTICLES (31) 2017-003072 (32) 05.07.17 (33) JP</p>
<p>(71) Explosives Manufacturing Services Pty Ltd (21) 2017101164 (22) 25.08.2017</p>	<p>(71) Innotec Building Systems Pty Ltd (21) 2017101180 (22) 29.08.2017 (54) Retrofittable mechanism for adjustment of roller door spring torsion (31) 2016903460 (32) 30.08.16 (33) AU</p>	<p>(71) Zhejiang Sunseeker Industrial Co., Ltd (21) 2017101189 (22) 31.08.2017 (54) Multi-Functional Garden Tools (31) 201710453311.7 (32) 15.06.17 (33) CN</p>
	<p><b>Kidz Klipz see mcmahon, v.</b> (21) 2017101131</p>	

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<b>2017101180</b>	Innotec Building Systems Pty Ltd	<b>2017101194</b>	GINARD, G.
<b>2017101181</b>	Unicharm Corporation	<b>2017101200</b>	Fuzhou City Huihexing Machinery Equipment Co., Ltd
<b>2017101182</b>	Bounty Hunter Enterprises Pty Ltd	<b>2017101201</b>	Suzhou Ruifu Information Technology Co., Ltd
<b>2017101183</b>	Grech, B.	<b>2017101207</b>	Fuzhou City Xingwangcheng Information Technology Co., Ltd.
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<b>2017101185</b>	Emery, L.	<b>2017101209</b>	Fuzhou City Xingwangcheng Information Technology Co., Ltd.
<b>2017101186</b>	BISSELL Homecare, Inc.	<b>2017101210</b>	Fuzhou Rong Yi Xing Intelligent Technology Co., Ltd
<b>2017101187</b>	Shanmugam, S.		
<b>2017101188</b>	Apple Inc.		
<b>2017101189</b>	Zhejiang Sunseeker Industrial Co., Ltd		

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

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

<b>Code</b>	<b>Meaning</b>
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

**2000**

2000050537 ( 14 )

**2001**

2001237827 ( 14 )    2001246441 ( 14 )

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 2017900431 ( 12AN )

**Assignments before Grant, Section 113**

**2012**

2012211278 Novartis AG The application has been assigned to **GLAXOSMITHKLINE BIOLOGICALS SA**

2012364221 Naturalis S.A. The application has been assigned to **Golden Omega S.A.**

**2014**

2014292546 Khurs, Siarhei; Aleksandrovich, Raman; Marozau, Dzmitry The application has been assigned to **Khurs, Siarhei; Aleksandrovich, Raman; Tesla Studios Limited**

**2015**

2015258859 Rani Therapeutics, LLC The application has been assigned to **InCube Labs, LLC**

2015301162 Stayful.Com, Inc. The application has been assigned to **WorldVentures Holdings, LLC**

**2016**

2016203364 Silesco Pty Ltd The application has been assigned to **NAVBIT HOLDINGS PTY LTD**

**2017**

2017204475 Osseon LLC The application has been assigned to **Merit Medical Systems, 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.

**2003**

2003200090 **Meyer Manufacturing Company Limited** An application to extend the time from 10 Jan 2017 to 10 Sep 2017 in which to pay a renewal fee has been filed . Address for service - Pipers Patent Attorneys Unit 9B, 9 Beach Street Port Melbourne VIC 3207 AU

**Extensions of Time, Section 223****2010**

2010338037 **Trunature Limited** An application to extend the time from 31 Dec 2014 to 31 Aug 2017 in which to request Examination and pay the continuation fee has been filed . Address for service - Morcom Perinat SE 10 475 Blackburn Rd Mount Waverley VIC 3149 AU

**2012**

2012328207 **Headmaster Ltd** An application to extend the time from 22 Feb 2016 to 22 May 2017 in which to request examination and pay a continuation fee has been filed . Address for service - Knightsbridge Patent Attorneys Gpo Box 4691 Melbourne VIC 3001 AU

**2013**

2013210959 **PKV Housing Oy** An application to extend the time from 21 Jan 2017 to 21 Feb 2018 in which to gain acceptance and pay a continuation fee has been filed . Address for service - Fisher Adams Kelly Callinans Level 6 175 Eagle Street BRISBANE QLD 4000 AU

**2014**

2014262365 **RESCO Consulting GmbH** An application to extend the time from 31 Mar 2017 to 30 Nov 2017 in which to gain acceptance has been filed . Address for service - MAGACONSULT PTY LIMITED 45 Balgowlah Rd Fairlight NSW 2094 AU

**2015**

2015229830 **California Institute of Technology** An application to extend the time from 01 Nov 2016 to 01 Sep 2017 in which to comply with a direction under Reg 3.2A has been filed . Address for service - WRAYS PTY LTD 56 Ord St West Perth WA 6005 AU

2015271986 **Cerenis Therapeutics Holding S.A.** An application to extend the time from 06 Feb 2017 to 06 Mar 2018 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016200477 **Rich Media Club, LLC** An application to extend the time from 21 Dec 2016 to 21 Jul 2017 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

**Applications Allowed - Section 223(2)****2010**

2010324521 **Metroll Technology Pty Ltd** The time in which to pay a renewal fee has been extended to 16 Jun 2017 . Address for service - Cullens Pty Ltd Level 32 239 George Street Brisbane QLD 4000 AU

**2012**

2012244096 **Wideline Pty Ltd** The time in which to pay a renewal fee has been extended to 15 Jun 2017 . Address for service - Davies Collison Cave Pty Ltd 255 Elizabeth Street Sydney NSW 2000 AU

2012326144 **Buzick, B.; Bair, R.** The time in which to gain acceptance has been extended to 05 Oct 2017 . Address for service - Michael D Eisenberg 23029/Michael Eisenberg PO BOX 16 Nobby Beach QLD 4218 AU

**Extensions of Time, Section 223****2016**

2016202909 **Raritan Americas, Inc.** The time in which to pay a continuation fee has been extended to 28 May 2017 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016234995 **Technix Industries Limited** The time in which to request Examination has been extended to 05 May 2017 . Address for service - Don Hopkins C/- Mrs Chris Cocks Unit 109/29 Wells Road Chelsea Heights VIC 3196 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.

**2005**

2005217079 Method for producing polyunsaturated fatty acids in transgenic plants **BASF Plant Science GmbH** The nature of the amendment is: Amend the priority details to read 10 2004 024 014.0 14 May 2004 DE; 10 2004 062 543.3 24 Dec 2004 DE; 10 2004 012 370.5 13 Mar 2004 DE; 10 2004 017 518.7 08 Apr 2004 DE and PCT/EP/04/07957 16 Jul 2004 EP . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2007**

2007201060 Cancer treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2007211613 Tuberos Sclerosis treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2007237322 Cancer treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2010**

2010248022 Quaternary ammonium amide and/or ester salts **THE LUBRIZOL CORPORATION** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2017 . Address for service - Houlihan<sup>2</sup> Pty Ltd Level 1 70 Doncaster Road BALWYN NORTH VIC 3104 AU

**2011**

2011208837 Method for providing information to a user from a capsule for the preparation of a beverage using a code **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 09

**Amendments**

Jun 2017 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2011226835 Cancer treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2012**

2012206265 Variable-geometry spacing connector for formwork and modular formwork system including such connector **Caboni , M.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2017 . Address for service - Michele Caboni Ashutosh Choudhary C/O Kanalysis Level 54 111 Eagle St Brisbane QLD 6000 AU

2012237028 Aureobasidin derivatives and methods of synthesis **Aureogen Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2017 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000 AU

2012307816 Anti-alphabeta TCR antibody **Genzyme Corporation** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2017 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2013**

2013205754 Tuberos Sclerosis treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013219799 Methods of treating and preventing diseases and disorders of the central nervous system **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2017 . Address for service - Fisher Adams Kelly Callinans Level 6 175 Eagle Street BRISBANE QLD 4000 AU

**2014**

2014268186 Novel formulations which stabilize and inhibit precipitation of immunogenic compositions **Wyeth LLC** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2017 . Address for service - Shelston IP Pty Ltd. 60 Margaret St Sydney NSW 2000 AU

2014320395 Improved process for preparing infant formula using a static mixer **N.V. Nutricia** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2017 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2015**

2015208909 Filter materials and filters made therefrom **British American Tobacco (Investments) Limited** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2017 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2015251650 Structure Having Liquid Film on the Surface Thereof **Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2017 . Address for service -

**Amendments**

Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016204522 Tuberos Sclerosis treatment **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments Made**

**2007**

2007211613 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 15 May 2017

**2010**

2010206557 **PR Enterprises Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read SLADOJEVIC, ROBERT

**2011**

2011283126 **ExxonMobil Upstream Research Company** The nature of the amendment is as shown in the statement(s) filed 12 May 2017

2011290725 **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 24 May 2017

2011296048 **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2017

**2012**

2012238254 **HBG IP Holding Pty Limited** The nature of the amendment is as shown in the statement(s) filed 12 May 2017

2012241726 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 11 May 2017

2012271781 **The Board of Trustees of the University of Illinois** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2017

**2013**

2013202024 **ADCO INTERNATIONAL PTY LTD** The nature of the amendment is as shown in the statement(s) filed 30 Mar 2017

2013206087 **General Electric Company** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2017

2013259772 **MASSACHUSETTS INSTITUTE OF TECHNOLOGY; Xtuit Pharmaceuticals, Inc.; The General Hospital Corporation** The nature of the amendment is: Amend the name of the inventor to read Jain, Rakesh Kumar; Boucher, Yves; Chauhan, Vikash Pal Singh; Diop-Frimpong, Benjamin; Krane, Stephen; Crane, Alan L.; Langer, Robert Samuel and Martin, John D.

**Amendments**

2013391294 **Ningbo Institute of Material Technology & Engineering Chinese Academy of Sciences** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2016 and 12 Jan 2017

**2014**

2014218800 **Stiefel Laboratories, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2017

2014256228 **Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 May 2017

2014302390 **W. L. Gore & Associates, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017

2014314522 **Wobben Properties GmbH** The nature of the amendment is as shown in the statement(s) filed 15 May 2017

2014350720 **Suzhou One World Technology Co. Ltd** The nature of the amendment is: Application is to proceed under the number 2014101615.

2014399897 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017

**2015**

2015202328 **Fuji Xerox Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 May and 2 Jun 2017

2015224389 **Glidestore Freetrack Pty Ltd** The nature of the amendment is: Amend the invention title to read Electronically driven shelving system with a scanning arrangement

2015242791 **Osaka University** The nature of the amendment is: Amend the invention title to read Drug Delivery Enhancer Comprising Substance For Activating Lysophospholipid Receptors

2015249745 **Mars, Incorporated** The nature of the amendment is: Amend the name of the inventor to read Martinez Villagran, Maria De-lores

2015258210 **Avent, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2017

2015266841 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2017

2015268743 **University of Pittsburgh - of The Commonwealth System of Higher Education** The nature of the amendment is: Amend the name of the inventor to read Ferrone, Soldano and Wang, Xinhui

2015345548 **Alexander Wilser GmbH** The nature of the amendment is: Amend the invention title to read Adorning element and method for manufacturing the same

**2016**

2016209391 **Neptune Research, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2017

**Amendments**

2016219362 **Theravance Biopharma R&D IP, LLC** The nature of the amendment is: Amend the invention title to read (2S,4R)-5-(5'-chloro-2'-fluorobiphenyl-4-yl)-4-(ethoxyoxalylamino)- 2-hydroxy-methyl-2-methylpentanoic acid as neprilysin inhibitor

2016225000 **Curtana Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Beaton, Graham; Tucci, Fabio C.; Ravula, Satheesh B.; Mchardy, Stanton F.; Ruiz, Francisco Xavier III; Lopez, Ambrosio Jr.; Campos, Bismarck and Wang, Hua-Yu Leo

2016229408 **Memorial Sloan-Kettering Cancer Center** The nature of the amendment is: Amend the invention title to read USE OF INACTIVATED NONREPLICATING MODIFIED VACCINIA VIRUS ANKARA (MVA) AS MONOIMMUNOTHERAPY OR IN COMBINATION WITH IMMUNE CHECKPOINT BLOCKING AGENTS FOR SOLID TUMORS

2016252725 **Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read STRUCTURE HAVING A LIQUID FILM AND METHOD OF PRODUCING THE SAME

**2017**

2017100560 **Repipe Pty Ltd** The nature of the amendment is: Amend the invention title to read Methods and Systems for Providing and Receiving Information For Risk Management in the Field

2017201751 **V-Zug AG** The nature of the amendment is: Amend the priority details to read 16 000 616.9- 15 Mar 2016 EP

2017203973 **Corning Incorporated** The nature of the amendment is: Amend the name of the inventor to read Chang, Theresa; Danielson, Paul Stephen; DeMartino, Steven Edward; Fadeev, Andrei Gennadyevich; Morena, Robert Michael; Pal, Santona; Peanasky, John Stephen; Schaut, Robert Anthony; Timmons, Christopher Lee; Venkataraman, Natesan and Verkleeren, Ronald Luce

2017213523 **Steelcase Inc.** The nature of the amendment is: Amend the name of the inventor to read Brock, Nathan R.; Vander Veen, Mark; Heidmann, Kurt R.; Battey, Robert J.; Hall, Jeffrey A.; Krupiczewicz, Todd D.; Peterson, Gordon J.; Andres, Todd T.; Mydur, Pradeep; Karsten, Gary L.; Holdredge, Russell T.; McCaughan, Nathan and Roslund Jr., Richard N.

2017213591 **Novel Mining Limited** The nature of the amendment is: Amend the name of the inventor to read PAVLOVICH, Peter Marino; HUGHES, Craig Rothwell and WOODLEY, Brendan Allan

2017218977 **Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.** The nature of the amendment is: Amend the invention title to read Polymer composition for container closures

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2011**

2011296767 LG Life Sciences Ltd. The name of the patentee has been altered to **LG Chem, Ltd.**

2011315244 Moorlodge Biotech Ventures Limited The name of the patentee has been altered to **Revolugen Limited**



**Amendments****2012**

2012308320 RaNA Therapeutics, Inc. The name of the applicant has been altered to **Translate Bio MA, Inc.**

2012325604 Augurex Life Sciences Corporation The name of the applicant has been altered to **Augurex Life Sciences Corp.**

**2013**

2013234603 Prox Dynamics AS The name of the patentee has been altered to **FLIR UNMANNED AERIAL SYSTEMS AS**

2013234705 Prox Dynamics AS The name of the patentee has been altered to **FLIR UNMANNED AERIAL SYSTEMS AS**

2013259772 Xtuit Pharmaceuticals, Inc.; The General Hospital Corporation The name of the applicant has been altered to **MASSACHUSETTS INSTITUTE OF TECHNOLOGY; Xtuit Pharmaceuticals, Inc.; The General Hospital Corporation**

2013262663 RaNA Therapeutics, Inc. ; The General Hospital Corporation d/b/a Massachusetts General Hospital The name of the applicant has been altered to **Translate Bio MA, Inc.; The General Hospital Corporation d/b/a Massachusetts General Hospital**

2013315225 RaNA Therapeutics, Inc. The name of the applicant has been altered to **Translate Bio MA, Inc.**

**2014**

2014221415 ATI Properties, Inc. The name of the applicant has been altered to **ATI Properties LLC**

2014233515 Olive Medical Corporation The name of the applicant has been altered to **DePuy Synthes Products, Inc.**

2014233518 Olive Medical Corporation The name of the applicant has been altered to **DePuy Synthes Products, Inc.**

2014291365 Ihara Chemical Industry Co., Ltd. The name of the applicant has been altered to **Kumiai Chemical Industry, Co., Ltd.**

2014306416 RaNA Therapeutics, Inc. The name of the applicant has been altered to **Translate Bio MA, Inc.**

**2015**

2015200750 Beeologics Inc. The name of the patentee has been altered to **Beeologics, Inc.**

2015216279 Ihara Chemical Industry Co., Ltd. The name of the applicant has been altered to **Kumiai Chemical Industry, Co., Ltd.**

2015303597 Shanghai Shaletch Technology Co., Ltd The name of the applicant has been altered to **InventisBio Shanghai Ltd.**

2015343048 The Ohio State University; Children's Research Institute, Children's National Medical Center The name of the applicant has been altered to **Ohio State Innovation Foundation; Children's Research Institute, Children's National Medical Center**

**Amendments**

2015358606 Kempharm, Inc. The name of the applicant has been altered to **KemPharm, Inc.**

2015384786 The United States of America, as represented by the Secretary, Department of Health and Human Services The name of the applicant has been altered to **The United States of America, as represented by The Secretary, Department of Health and Human Services**

**2016**

2016219770 ABB Technology AG The name of the applicant has been altered to **ABB Schweiz AG**

2016903574 Tristram Pty Ltd The name of the applicant has been altered to **Trisco Foods Pty Ltd**

**2017**

2017900017 Romteck Australian Pty Ltd The name of the applicant has been altered to **Romteck Australia Pty Ltd**

2017903162 Wallais Engineers Pty Ltd The name of the applicant has been altered to **Wallis Engineers Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 3D Space Arms Pty Ltd  
 (11) AU-A-2017219106  
 (21) 2017219106 (22) 25.08.2017  
 (54) A Support Mechanism  
 (51) Int. Cl.  
**A47B 21/03** ( 2006.01 )  
**A47B 1/00** ( 2006.01 )  
**A47B 21/02** ( 2006.01 )  
**F16M 11/00** ( 2006.01 )  
**F16M 13/00** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2011217747  
 (72) Russell, Edwin Robin  
 (74) IP Sentinels Patent and Trademark Attorneys

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(71) Abbott Medical Optics Inc.  
 (11) AU-A-2017219146  
 (21) 2017219146 (22) 29.08.2017  
 (54) Automatically pulsing different aspiration levels to an ocular probe  
 (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2015213267  
 (72) Raney, Rob; Claus, Michael J.; Gerg, James; Wong, Wayne S.; King, David A.; Staggs, James W.; Lee, Fred  
 (74) Davies Collison Cave Pty Ltd

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(71) AbbVie Inc.  
 (11) AU-A-2017219100  
 (21) 2017219100 (22) 25.08.2017  
 (54) Bromodomain inhibitors  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2012361967  
 (72) WANG, Le; PRATT, John K.; McDANIEL, Keith F.; DAI, Yujia; FIDANZE, Steven D.; HASVOLD, Liza; HOLMS, James H.; KATI, Warren M.; LIU, Dachun; MANTEI, Robert A.; McCLELLAN, William J.; SHEPPARD, George S.; WADA, Carol K.  
 (74) Spruson & Ferguson

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2016265987  
 (21) 2016265987 (22) 29.11.2016  
 (54) CLIENT SERVICES REPORTING  
 (51) Int. Cl.  
**G06Q 10/10** ( 2012.01 )

(31) 15/149,655 (32) 09.05.16 (33) US  
 201641006500 25.02.16 IN  
 (43) 14.09.2017  
 (72) SHUKLA, Arpan; PRASAD, Rajendra; KOUSHIK, M.V.; BELGUR, Chetan; JEYACHANDRAN, Senthilkumar; RAJAN, Prabhu  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adobe Systems Incorporated  
 (11) AU-A-2016277770  
 (21) 2016277770 (22) 29.12.2016  
 (54) USE OF BLOOM FILTERS TO SIMPLIFY DYNAMIC FONT AUGMENTATION AND SUBSETTING  
 (51) Int. Cl.  
**G06F 17/21** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
 (31) 15/056,470 (32) 29.02.16 (33) US  
 (43) 14.09.2017  
 (72) Kaplan, Gregory; Stein, Bram  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Agency for Science, Technology and Research  
 (11) AU-A-2017219039  
 (21) 2017219039 (22) 24.08.2017  
 (54) Bicyclic heteroaryl derivatives as MNK1 and MNK2 modulators and uses thereof  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 265/06** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2013240612  
 (72) NACRO, Kassoum; DURAISWAMY, Athisayamani Jeyaraj; CHENNAMAN-ENI, Lohitha Rao  
 (74) Spruson & Ferguson

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(71) Agency for Science, Technology and Research  
 (11) AU-A-2017219132  
 (21) 2017219132 (22) 28.08.2017  
 (54) Purine diones as WNT pathway modulators  
 (51) Int. Cl.  
**C07D 473/08** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )

**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 473/06** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2014269134  
 (72) Ho, Soo Yei; Blanchard, Stephanie Eliane; Duraiswamy, Athisayamani Jeyaraj; Alam, Jenefer; Adsool, Vikrant Arun  
 (74) Davies Collison Cave Pty Ltd

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(71) Alcentri Pty. Ltd.  
 (11) AU-A-2017201036  
 (21) 2017201036 (22) 16.02.2017  
 (54) Growing Systems  
 (51) Int. Cl.  
**A01G 9/00** ( 2006.01 )  
**A01G 27/00** ( 2006.01 )  
 (31) 2016900606 (32) 21.02.16 (33) AU  
 (43) 14.09.2017  
 (72) Thelen, Gabriel Jonathan  
 (74) Gabriel Jonathan Thelen

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(71) Alcoa USA Corp  
 (11) AU-A-2017219074  
 (21) 2017219074 (22) 25.08.2017  
 (54) Fertilizer Compositions And Methods Of Making And Using The Same  
 (51) Int. Cl.  
**A62D 3/30** ( 2007.01 )  
**C05C 1/02** ( 2006.01 )  
**C05G 3/00** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2014348742  
 (72) WEAVER, Mark L.; CRUM, Kyle A.; NICHOLS, Judodine; IWIG, David F.; ORKIS, Steven C.; CARKIN, Gerald E.; GENCAGA, Orhan Deniz; SUNDAY, Stephen P.; HARRISON, Ian Ross; SMITH, John R.; PARKS, Shannon L.; GERSHENZON, Mikhail  
 (74) WRAYS PTY LTD

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(71) Amgen Research (Munich) GmbH  
 (11) AU-A-2017219083  
 (21) 2017219083 (22) 25.08.2017  
 (54) Treatment of Acute Lymphoblastic Leukemia  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2015238784  
 (72) ZUGMAIER, Gerhard; Degenhard, Evelyn  
 (74) WRAYS PTY LTD

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(71) Anderson, L.  
 (11) AU-A-2016201260  
 (21) 2016201260 (22) 26.02.2016

Applications Open to Public Inspection - Name Index cont'd

(54) Tent with non-pneumatic thermal envelope  
 (51) Int. Cl.  
*E04H 15/00* ( 2006.01 )  
*E04H 15/18* ( 2006.01 )  
 (43) 14.09.2017  
 (72) Anderson, Lucian  
 (74) Lucian Anderson

(71) Apple Inc.  
 (11) AU-A-2017219058  
 (21) 2017219058 (22) 24.08.2017  
 (54) Input/output device with a dynamically adjustable appearance and function  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*G06F 3/0488* ( 2013.01 )  
 (43) 14.09.2017  
 (62) 2014214872  
 (72) LIGTENBERG, Christiaan A.; ABRAHAM, Euan S.; QI, Jun; DRZAIC, Paul S.; CHIU, Po-Wen; HOPKINSON, Ron A.; GOLDBERG, Michelle; YIN, Victor H.; ANDRE, Bartley K.; SILVANTO, Mikael; TURULLOLS, Erin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2017219061  
 (21) 2017219061 (22) 24.08.2017  
 (54) Interpreting touch contacts on a touch surface  
 (51) Int. Cl.  
*G06F 3/048* ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2015271962  
 (72) WESTERMAN, Wayne Carl  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2017219112  
 (21) 2017219112 (22) 28.08.2017  
 (54) A GAMING MACHINE WITH A GAME FEATURE  
 (51) Int. Cl.  
*G07F 17/34* ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2015201910  
 (72) OLIVE, Scott  
 (74) Griffith Hack

(71) B&L Biotech, Inc.  
 (11) AU-A-2017200161  
 (21) 2017200161 (22) 10.01.2017  
 (54) Dental treatment instrument  
 (51) Int. Cl.  
*A61C 3/00* ( 2006.01 )  
*A61C 17/00* ( 2006.01 )  
 (31) 10-2016-0023624 (32) 26.02.16 (33) KR  
 (43) 14.09.2017  
 (72) Lee, In Whan; Lee, Dong Yoon; Baek, Seung Ki; Sung, Gil Hwan; Choi, In Jeong; Ahn, Myun Hwan  
 (74) Shelston IP Pty Ltd.

(71) Balance Therapeutics, Inc.  
 (11) AU-A-2017219099  
 (21) 2017219099 (22) 25.08.2017  
 (54) Pentylene-tetrazole derivatives  
 (51) Int. Cl.  
*C07B 59/00* ( 2006.01 )  
*A61K 31/5025* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
 (43) 14.09.2017  
 (62) 2012250776  
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 (74) FPA Patent Attorneys Pty Ltd

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**E03F 3/02** ( 2006.01 )  
**E03C 1/12** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
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 (74) Thomas Cherimulla Itty

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**A61K 31/728** ( 2006.01 )  
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**H01H 35/00** ( 2006.01 )  
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 (54) Clip collar advanced fixation  
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**A61B 17/00** ( 2006.01 )  
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**A61B 17/58** ( 2006.01 )  
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 (54) METHOD AND APPARATUS FOR PROPAGATING COMBINATION OF SIGNALS FOR OPERATING A CLOSED CIRCUIT E-COMMERCE  
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**G06Q 30/06** ( 2012.01 )  
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**E21D 21/00** ( 2006.01 )  
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**F24F 13/20** ( 2006.01 )  
**F24F 3/00** ( 2006.01 )  
**F24F 13/30** ( 2006.01 )  
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 (54) Shovel having a wringing dipper  
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**E02F 3/358** ( 2006.01 )  
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**E21C 27/30** ( 2006.01 )

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 (54) Tapping assembly and connecting device; container and method for beverage dispensing  
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**B67D 1/04** ( 2006.01 )  
**B29B 11/14** ( 2006.01 )  
**B29C 49/06** ( 2006.01 )  
**B29C 65/06** ( 2006.01 )  
**B65D 23/02** ( 2006.01 )  
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**B25C 1/14** ( 2006.01 )  
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 (54) Lawn mower  
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**A01D 43/063** ( 2006.01 )  
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 A01D 43/063 ( 2006.01 )  
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 (54) Lawn mower  
 (51) Int. Cl.  
 A01D 34/68 ( 2006.01 )  
 A01D 43/063 ( 2006.01 )  
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 (54) Lawn mower  
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 A01D 43/063 ( 2006.01 )  
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 G06F 3/0481 ( 2013.01 )  
 G06N 5/04 ( 2006.01 )

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 H04L 1/06 ( 2006.01 )

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 (72) TAHERZADEH BOROJENI, Mahmoud; NIKOPOUR, Hosein; BAYESTEH, Alireza; BALIGH, Mohammadhadi  
 (74) Watermark Intellectual Property Pty Ltd

(71) Industrial Scientific Corporation  
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 (54) A multi-sense environmental monitoring device and method  
 (51) Int. Cl.

G08B 21/14 ( 2006.01 )  
 G01N 35/00 ( 2006.01 )  
 G08B 21/16 ( 2006.01 )  
 G08B 29/16 ( 2006.01 )  
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 (54) Telescoping Axle for a Vehicle  
 (51) Int. Cl.  
 B60B 35/10 ( 2006.01 )  
 B62D 21/14 ( 2006.01 )  
 (31) 15/055,969 (32) 29.02.16 (33) US  
 (43) 14.09.2017  
 (72) Gaerke, Joshua P.  
 (74) John Christiansen

(71) Jelmar, LLC  
 (11) AU-A-2017219102  
 (21) 2017219102 (22) 25.08.2017  
 (54) Stain Removing Solution  
 (51) Int. Cl.  
 C11D 3/20 ( 2006.01 )  
 C11D 1/12 ( 2006.01 )  
 C11D 1/90 ( 2006.01 )  
 C11D 3/43 ( 2006.01 )  
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 (72) Gaudreault, Rosemary  
 (74) Chrysiliou IP

(71) Jelmar, LLC  
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 (54) Mold and Mildew Stain Removing Solution

(51) Int. Cl.  
 C11D 3/43 ( 2006.01 )  
 C11D 1/75 ( 2006.01 )  
 C11D 1/825 ( 2006.01 )  
 C11D 1/83 ( 2006.01 )  
 C11D 3/22 ( 2006.01 )  
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 (62) 2013205968  
 (72) Gaudreault, Rosemary  
 (74) Chrysiliou IP

(71) Joy MM Delaware, Inc.  
 (11) AU-A-2017219051  
 (21) 2017219051 (22) 24.08.2017  
 (54) OVERHEAD POWER GRID FOR MOBILE MINING MACHINES  
 (51) Int. Cl.  
 B60L 5/22 ( 2006.01 )  
 B60M 1/23 ( 2006.01 )  
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 (62) 2016210667  
 (72) Zimmerman, Joseph J.; Struthers, Andrew W.; Lowman, Garrett L.  
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(71) Kabushiki Kaisha Honda Lock  
 (11) AU-A-2017219098  
 (21) 2017219098 (22) 25.08.2017  
 (54) Door opening and closing device for vehicle  
 (51) Int. Cl.  
 E05B 85/18 ( 2014.01 )  
 B60J 5/04 ( 2006.01 )  
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 (72) HIDAKA, Akinori; GOTO, Takumi  
 (74) Spruson & Ferguson

(71) Kala Pharmaceuticals, Inc.  
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 (54) Urea derivatives and uses thereof  
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 C07D 231/56 ( 2006.01 )  
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 B27B 13/14 ( 2006.01 )  
 F16P 3/14 ( 2006.01 )  
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 (51) Int. Cl.  
**E21B 17/10** ( 2006.01 )  
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 (54) NOVEL TETRAHYDROPYRIDOPYRIMIDINE COMPOUND OR SALT THEREOF  
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**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/553** ( 2006.01 )  
**A61P 5/28** ( 2006.01 )  
**A61P 13/08** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 (54) Apparatus, Chair and Associated Method for Breastfeeding  
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**A47D 13/08** ( 2006.01 )  
**A47C 1/00** ( 2006.01 )  
**A47C 7/62** ( 2006.01 )  
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 (72) Taylor, Kenneth Noel  
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(71) TGUK Holdings Ltd.  
 (11) AU-A-2017201217  
 (21) 2017201217 (22) 23.02.2017  
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**A47K 10/06** ( 2006.01 )  
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 (31) 1603267.4 (32) 25.02.16 (33) GB  
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(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
 (11) AU-A-2017219019

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 (54) FLOW CONTROL IN SUBTERRANEAN WELLS  
 (51) Int. Cl.  
**E21B 43/27** ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Virtru Corporation  
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**B65D 71/14** ( 2006.01 )  
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 (21) 2017219125 (22) 28.08.2017  
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<b><u>G01S 15 /-</u></b> 2017219077	<b><u>H02J 7 /-</u></b> 2016201237	
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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Cl.                      <i>G06Q 10/06</i> ( 2012.01 )                  (45) 14.09.2017                  (72) Terry, Michael; Nikitin, Dmitry                  (74) Adams Pluck</p> <hr/> <p>(71) Capitulov, M.                  (11) AU-A-2017101120                  (21) 2017101120 (22) 16.08.2017                  (54) Multipurpose module block constructor, as modular furniture building set with interlocking upholstery.                  (51) Int. Cl.                      <i>A47C 13/00</i> ( 2006.01 )                      <i>A47C 4/00</i> ( 2006.01 )                      <i>A47C 17/00</i> ( 2006.01 )                  (45) 14.09.2017                  (72) Capitulov, Mark                  (74) Mark Capitulov</p> <hr/> <p>(71) Cheffers, P.                  (11) AU-A-2017101121                  (21) 2017101121 (22) 17.08.2017                  (54) The Complex Square Root Formula In Modular Arithmetic And Pythagorean Triples                  (51) Int. Cl.                      <i>G06F 7/552</i> ( 2006.01 )                      <i>H04L 9/28</i> ( 2006.01 )                  (45) 14.09.2017                  (72) Cheffers, Paul Clifton Bingham                  (74) Paul Clifton Bingham Cheffers</p> <hr/> <p>(71) Deep Exploration Technologies CRC Limited                  (11) AU-A-2017101088                  (21) 2017101088 (22) 10.08.2017</p>	<p>(54) High speed downhole coring system                  (51) Int. 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Cl.                      <i>G06K 9/00</i> ( 2006.01 )                  (45) 14.09.2017                  (62) 2016343749                  (72) Evans V, David John; Jiang, Xinrui; Rubin, Andrew E.; Hershenson, Matthew; Miao, Xiaoyu                  (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Essential Products, Inc.                  (11) AU-A-2017101114                  (21) 2017101114 (22) 16.08.2017                  (54) HOLLOWED ELECTRONIC DISPLAY                  (51) Int. Cl.                      <i>G02F 1/1335</i> ( 2006.01 )                      <i>F21V 8/00</i> ( 2006.01 )                      <i>G02B 5/20</i> ( 2006.01 )                      <i>G02B 5/30</i> ( 2006.01 )                      <i>G02B 26/08</i> ( 2006.01 )                      <i>G02F 1/1339</i> ( 2006.01 )                      <i>G02F 1/1341</i> ( 2006.01 )                      <i>G02F 1/1343</i> ( 2006.01 )                      <i>G02F 1/1368</i> ( 2006.01 )                      <i>H01L 27/02</i> ( 2006.01 )                      <i>H01L 27/12</i> ( 2006.01 )                  (45) 14.09.2017                  (62) 2017216463                  (72) Evans V, David John; Jiang, Xinrui; Rubin, Andrew E.; Hershenson, Matthew; Miao, Xiaoyu; Tate, Joseph Anthony;</p>	<p>Gagne-Keats, Jason Sean; Schultz Zavin, Rebecca                  (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p><b>G3N1U5 Pty Ltd see nolan, a.</b>                  (21) 2017101109</p> <hr/> <p>(71) GOLLYGOSH GROUP PTY LTD                  (11) AU-A-2017101101                  (21) 2017101101 (22) 11.08.2017                  (54) MASSAGE BALL ASSEMBLY                  (51) Int. Cl.                      <i>A61H 15/00</i> ( 2006.01 )                      <i>A01K 13/00</i> ( 2006.01 )                  (45) 14.09.2017                  (72) Halma, Wendy; Reay, Andrew                  (74) protectmyidea.com.au</p> <hr/> <p>(71) Haak, C.                  (11) AU-A-2017101106                  (21) 2017101106 (22) 14.08.2017                  (54) IMPROVED SIDE RAIL FOR VEHICLE TRAY BODIES FEATURING A CONCEALED TIE RAIL                  (51) Int. Cl.                      <i>B60P 7/08</i> ( 2006.01 )                      <i>B61D 45/00</i> ( 2006.01 )                  (45) 14.09.2017                  (72) Haak, Cameron                  (74) Cameron Haak</p> <hr/> <p>(71) IP Reserve Pty Ltd                  (11) AU-A-2017101110                  (21) 2017101110 (22) 15.08.2017                  (54) A CHLORINATION SYSTEM                  (51) Int. Cl.                      <i>C02F 1/461</i> ( 2006.01 )                  (31) 2016903239 (32) 16.08.16 (33) AU                  (45) 14.09.2017                  (72) Smith, William; Jung, Mayer; Murphy, Blair; Hermans, Ty                  (74) Fisher Adams Kelly Callinans</p> <hr/> <p>(71) King Cho Machinery Industrial Co., Ltd.                  (11) AU-A-2017101056                  (21) 2017101056 (22) 03.08.2017                  (54) Coupler of Grease Gun                  (51) Int. Cl.                      <i>F16N 21/04</i> ( 2006.01 )                      <i>F16N 3/10</i> ( 2006.01 )                      <i>F16N 23/00</i> ( 2006.01 )                  (31) 106205065 (32) 12.04.17 (33) TW                  (45) 14.09.2017                  (72) HUNG, Fu Tien                  (74) A.P.T. Patent and Trade Mark Attorneys</p>
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*A61N 5/06* ( 2006.01 )  
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 (51) Int. Cl.  
*A61K 31/121* ( 2006.01 )  
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 (51) Int. Cl.  
*H03M 7/42* ( 2006.01 )  
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 (72) nolan, anthony gerard  
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up personal information, find an education agency and chat with the staff of the educational institutions for free.  
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 (72) Seesink, Kerim John  
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(71) Shaanxi Huikang Bio-Tech Co.,Ltd  
 (11) AU-A-2017101108  
 (21) 2017101108 (22) 15.08.2017  
 (54) Construction method of animal model of mucopolysaccharidosis type II and use thereof  
 (51) Int. Cl.  
*A01K 67/027* ( 2006.01 )  
*C12N 15/12* ( 2006.01 )  
 (31) 201610803487.6 (32) 06.09.16 (33) CN  
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 (72) Gao, En; Hou, Zengmiao; Li, Xiaoying; Li, Min; Yang, Xiaolin; Zhao, Jinli  
 (74) Shelston IP Pty Ltd.

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 (11) AU-A-2017101115  
 (21) 2017101115 (22) 16.08.2017  
 (54) Window Winder  
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 (51) Int. Cl.  
*E05F 11/04* ( 2006.01 )  
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 (21) 2017101112 (22) 16.08.2017  
 (54) MODIFIED PLANT  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )

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 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.  
*G06F 15/16* ( 2006.01 )  
*B25J 9/18* ( 2006.01 )  
*B25J 13/08* ( 2006.01 )  
 (45) 14.09.2017  
 (62) PCT/CN2015/081385  
 (72) JIANG, Tao  
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2017101106		

PCT applications which have entered the National Phase

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- . (\*\*) Title not given

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*C08L 77/00* ( 2006.01 )  
*C08J 5/00* ( 2006.01 )  
*C08K 7/28* ( 2006.01 )  
*C08L 23/16* ( 2006.01 )  
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 (31) 62/121,991 (32) 27.02.15 (33) US  
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 (72) Yalcin, Baris  
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 (51) Int. Cl.  
*A61M 5/142* ( 2006.01 )  
*A61J 1/14* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )  
*A61M 5/158* ( 2006.01 )  
*A61M 5/24* ( 2006.01 )  
*A61M 5/32* ( 2006.01 )  
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 (54) Bicyclic ketone sulfonamide compounds  
 (51) Int. Cl.

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**A61P 29/00** ( 2006.01 )  
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andro; Marx, Isaac E.  
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**(54)** Antibodies directed against Lymphocyte  
Activation Gene 3 (LAG-3)  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
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**(54)** Aluminum alloy products  
**(51)** Int. Cl.  
**C22C 21/04** ( 2006.01 )  
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**(54)** Faucet spray head magnetic docking  
systems  
**(51)** Int. Cl.  
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C-substituted-2-modified-N  
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**A61K 31/7076** ( 2006.01 )  
**C07H 19/16** ( 2006.01 )  
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**(54)** Track-module bogie-suspension system  
**(51)** Int. Cl.  
**B62D 55/10** ( 2006.01 )  
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**(54)** Self adhesive fouling release coating  
composition  
**(51)** Int. Cl.  
**C09D 5/16** ( 2006.01 )  
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**C09J 7/02** ( 2006.01 )  
**G09F 3/10** ( 2006.01 )  
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**(43)** 11.08.2016  
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**(74)** Griffith Hack
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**(54)** Methods for treating skin  
**(51)** Int. Cl.  
**A61K 8/67** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 31/74** ( 2006.01 )  
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**(54)** An online forum tool  
**(51)** Int. Cl.  
**G06Q 50/00** ( 2006.01 )  
**G06F 17/30** ( 2006.01 )  
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**(72)** Chambers, Christopher James; Neville,  
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**(54)** Hydraulic system  
**(51)** Int. Cl.  
**B63H 25/12** ( 2006.01 )  
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**B63G 8/14** ( 2006.01 )  
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**(72)** Langley, Peter Matthew  
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**(11)** AU-A-2016223554  
**(21)** 2016223554 **(22)** 24.02.2016  
**(54)** Method for producing isosorbide eth-  
oxylate dimethacrylate  
**(51)** Int. Cl.  
**C09J 4/00** ( 2006.01 )  
**C07D 493/04** ( 2006.01 )  
**C08F 222/10** ( 2006.01 )  
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**A41F 17/02** ( 2006.01 )  
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 (72) Bayly, Lauren  
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**B07C 5/342** ( 2006.01 )  
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 (54) Anti-bacterial compositions  
 (51) Int. Cl.  
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**A01N 33/08** ( 2006.01 )  
**A01N 37/06** ( 2006.01 )  
**A01N 37/36** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
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**A61K 9/70** ( 2006.01 )  
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**C05F 11/08** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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**F16D 3/16** ( 2006.01 )  
**F16D 3/46** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
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 (54) Method of treating diseases  
 (51) Int. Cl.  
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**A61K 9/48** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
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 (54) Method for preparing largazole analogs and uses thereof  
 (51) Int. Cl.  
**C07D 498/02** ( 2006.01 )  
**A61K 31/429** ( 2006.01 )  
**C07D 513/02** ( 2006.01 )  
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 (51) Int. Cl.  
**C07D 513/18** ( 2006.01 )  
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 (51) Int. Cl.  
 H04J 14/02 ( 2006.01 )  
 G02B 6/36 ( 2006.01 )  
 H04B 10/2575 ( 2013.01 )  
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 B29C 33/04 ( 2006.01 )  
 B29C 44/12 ( 2006.01 )  
 B29C 53/82 ( 2006.01 )  
 B29C 70/24 ( 2006.01 )  
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 C07K 14/00 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 C12N 15/113 ( 2010.01 )  
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 C12N 1/19 ( 2006.01 )  
 C12N 15/81 ( 2006.01 )  
 C12P 19/56 ( 2006.01 )  
 C12R 1/84 ( 2006.01 )
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 using a surgical port assembly  
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 A61B 34/30 ( 2016.01 )  
 A61B 34/10 ( 2016.01 )  
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 (51) Int. Cl.  
 A47J 37/07 ( 2006.01 )  
 F24C 1/04 ( 2006.01 )  
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 (51) Int. Cl.  
 F41G 1/38 ( 2006.01 )  
 F41G 1/473 ( 2006.01 )  
 F41G 3/06 ( 2006.01 )  
 G02B 23/10 ( 2006.01 )  
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 (54) Indoor air conditioning device  
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 F24F 13/22 ( 2006.01 )  
 F24F 13/20 ( 2006.01 )  
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 facture  
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 B42D 25/30 ( 2014.01 )  
 B41M 3/14 ( 2006.01 )  
 B42D 25/29 ( 2014.01 )  
 G02B 3/00 ( 2006.01 )  
 G02B 27/22 ( 2006.01 )  
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 (54) Automated order fulfillment system and  
 method  
 (51) Int. Cl.  
 B25J 19/02 ( 2006.01 )  
 B65G 1/137 ( 2006.01 )  
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 (54) Detonator information system  
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 F42D 1/05 ( 2006.01 )  
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 (51) Int. Cl.  
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 C07K 14/525 ( 2006.01 )  
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**(51)** Int. Cl.  
**A61L 27/24** ( 2006.01 )  
**A61F 2/10** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/60** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C10M 171/00** ( 2006.01 )  
**C23C 28/00** ( 2006.01 )  
**E21B 17/042** ( 2006.01 )  
**F16L 57/00** ( 2006.01 )  
**F16L 58/08** ( 2006.01 )  
**C10N 10/02** ( 2006.01 )  
**C10N 10/04** ( 2006.01 )  
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**C10N 10/16** ( 2006.01 )  
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**(51)** Int. Cl.  
**C10M 171/00** ( 2006.01 )  
**C23C 28/00** ( 2006.01 )  
**E21B 17/042** ( 2006.01 )  
**F16L 57/00** ( 2006.01 )  
**F16L 58/08** ( 2006.01 )  
 C10N 10/02 ( 2006.01 )  
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**(51)** Int. Cl.  
**C10M 171/00** ( 2006.01 )  
**C23C 28/00** ( 2006.01 )  
**E21B 17/042** ( 2006.01 )  
**F16L 57/00** ( 2006.01 )  
**F16L 58/08** ( 2006.01 )  
 C10N 10/02 ( 2006.01 )  
 C10N 10/04 ( 2006.01 )  
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**G01N 33/543** ( 2006.01 )  
**G01N 1/30** ( 2006.01 )  
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**C02F 1/00** ( 2006.01 )  
**C02F 1/461** ( 2006.01 )  
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**C02F 1/52** ( 2006.01 )  
**C02F 1/56** ( 2006.01 )  
**C02F 11/00** ( 2006.01 )  
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**A61M 5/24** ( 2006.01 )  
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**(54)** Ophthalmic lens holder for physical vapor deposition  
**(51)** Int. Cl.  
**B05C 13/02** ( 2006.01 )  
**B05D 5/06** ( 2006.01 )  
**B29D 11/00** ( 2006.01 )  
**G02B 7/02** ( 2006.01 )

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**C07H 19/048** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 3/12** ( 2006.01 )  
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**A61B 3/15** ( 2006.01 )  
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**G01N 33/00** ( 2006.01 )  
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**(21)** 2016228017 **(22)** 03.03.2016  
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**(51)** Int. Cl.  
**B66C 23/693** ( 2006.01 )  
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**(71)** Xylem IP Management S.a.r.l.  
**(11)** AU-A-2016223778  
**(21)** 2016223778 **(22)** 15.01.2016  
**(54)** Ozone generator with position-dependent discharge distribution  
**(51)** Int. Cl.  
**C01B 13/11** ( 2006.01 )  
**H01T 19/00** ( 2006.01 )  
**(87)** WO2016/134880

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(31) 10 2015 002 103.6 (32) 23.02.15 (33) DE  
 (43) 01.09.2016  
 (72) Fiekens, Ralf; Fietzek, Reiner; Salvermoser, Manfred; Bruggemann, Nicole  
 (74) Davies Collison Cave Pty Ltd

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(71) Young, P.  
 (11) AU-A-2016231992  
 (21) 2016231992 (22) 17.03.2016  
 (54) Transnasal tube  
 (51) Int. Cl.  
     A61J 15/00 ( 2006.01 )  
     A61M 25/02 ( 2006.01 )  
 (87) WO2016/146965  
 (31) 1504481.1 (32) 17.03.15 (33) GB  
 (43) 22.09.2016  
 (72) Young, Peter J.  
 (74) Spruson & Ferguson

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(71) Zodiac Pool Systems, Inc.  
 (11) AU-A-2016220264  
 (21) 2016220264 (22) 16.02.2016  
 (54) Lighting assemblies  
 (51) Int. Cl.  
     F21V 31/00 ( 2006.01 )  
     F21V 23/04 ( 2006.01 )  
     F21W 131/401 ( 2006.01 )  
 (87) WO2016/133892  
 (31) 62/117,795 (32) 18.02.15 (33) US  
 (43) 25.08.2016  
 (72) Goldman, David; Heng, Hwa Leung  
 (74) FB Rice Pty Ltd

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(71) Zoetis Services LLC  
 (11) AU-A-2016228514  
 (21) 2016228514 (22) 14.03.2016  
 (54) Pyolysin methods and compositions  
 (51) Int. Cl.  
     C07K 14/195 ( 2006.01 )  
     A61K 39/00 ( 2006.01 )  
     C12N 1/20 ( 2006.01 )  
 (87) WO2016/145432  
 (31) 62/132,050 (32) 12.03.15 (33) US  
 (43) 15.09.2016  
 (72) Moonen, Glenn Andrew; Moutafis, George; Poppe, Allen; Herberg, John  
 (74) Shelston IP Pty Ltd.

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<b>2015289389</b>	Medipath, Inc.	<b>2016222767</b>	Dematic Corp.
<b>2015317290</b>	CCL Label, Inc.	<b>2016222779</b>	3M Innovative Properties Company
<b>2015371760</b>	HL Corp (Shenzhen)	<b>2016222871</b>	410 Medical Innovation, Inc.
<b>2015379580</b>	Acciona Infraestructuras, S.A.	<b>2016222909</b>	William Paterson University of New Jersey
<b>2015380301</b>	DNX Biotech, LLC	<b>2016223087</b>	3M Innovative Properties Company
<b>2015383088</b>	Rebiscan, Inc.	<b>2016223209</b>	Welch Allyn, Inc.
<b>2015383929</b>	Rheinisch-Westfälische Technische Hochschule Aachen (RWTH)	<b>2016223486</b>	Calik Denim Tekstil San. ve Tic. A.S.
<b>2015384099</b>	Ho, T.; Tsao, Y.	<b>2016223489</b>	A1M Pharma AB
<b>2015384178</b>	Kimberly-Clark Worldwide, Inc.	<b>2016223554</b>	BASF SE
<b>2015384218</b>	Kimberly-Clark Worldwide, Inc.	<b>2016223718</b>	Symrise AG
<b>2015385117</b>	Otis Elevator Company	<b>2016223762</b>	Gustav Klauke GmbH
<b>2015387123</b>	T&W Engineering A/S	<b>2016223778</b>	Xylem IP Management S.a r.l.
<b>2015387489</b>	Landis+Gyr Innovations, Inc.	<b>2016224101</b>	Halfwave AS
<b>2015391018</b>	Halliburton Energy Services, Inc.	<b>2016224104</b>	Mascull, R.T.; Mascull, E.J.
<b>2015391988</b>	Halliburton Energy Services, Inc.	<b>2016224139</b>	Seeley International Pty Ltd
<b>2015392069</b>	Halliburton Energy Services, Inc.	<b>2016224145</b>	Hickory Design Pty Ltd
<b>2015392708</b>	Polytex Sportbelage Produktions-GmbH	<b>2016224402</b>	Kowa Company, Ltd.
<b>2015393386</b>	Halliburton Energy Services, Inc.	<b>2016224503</b>	Takeda Pharmaceutical Company Limited
<b>2016208981</b>	Polyvent Pty Ltd	<b>2016224833</b>	Solomon, C.S.
<b>2016209008</b>	Biocidium Biopharmaceuticals Inc.	<b>2016224869</b>	Versailles B.V.
<b>2016209040</b>	Arconic Inc.	<b>2016224950</b>	The University of Ottawa
<b>2016209724</b>	Malaysian Palm Oil Board	<b>2016224976</b>	Sarepta Therapeutics, Inc.; Murdoch University
<b>2016209752</b>	Hwang, Y.H.	<b>2016225020</b>	Massachusetts Institute of Technology; TOTAL S.A.; Total Energies Nouvelles Activites USA
<b>2016210554</b>	Master Sinkers (Pty) Ltd	<b>2016225063</b>	Uncinate Joint, LLC
<b>2016211461</b>	Emerson Vulcan Holding LLC	<b>2016225090</b>	The McLean Hospital Corporation
<b>2016212067</b>	Universite de Bordeaux; Institut National de la Sante et de la Recherche Medicale - Inserm; Centre Hospitalier Universitaire de Bordeaux	<b>2016225245</b>	Veolia Water Solutions & Technologies Support
<b>2016212197</b>	Avery Dennison Corporation; PPG Coatings Europe BV	<b>2016225278</b>	Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited
<b>2016212705</b>	Azure 101 Pty Ltd	<b>2016225422</b>	Hochiki Corporation
<b>2016213524</b>	Daikin Industries, Ltd.	<b>2016225447</b>	Taiyo Nippon Sanso Corporation
<b>2016214802</b>	Harbin Pharmaceutical Group Co., Ltd. General Pharmaceutical Factory	<b>2016226022</b>	Fred Hutchinson Cancer Research Center
<b>2016215123</b>	Avery Dennison Corporation	<b>2016226072</b>	Avon Products, Inc.
<b>2016215291</b>	AnaptysBio, Inc.	<b>2016226157</b>	Merck Sharp & Dohme Corp.; Eisai R&D Management Co., Ltd.
<b>2016215350</b>	Chiasma Inc.	<b>2016226288</b>	Edico Genome, Inc.
<b>2016217461</b>	Suven Life Sciences Limited	<b>2016226293</b>	Amgen Inc.
<b>2016217954</b>	Thermal Purification Technologies Limited	<b>2016226340</b>	Amgen Inc.
<b>2016218454</b>	Dow Global Technologies LLC.	<b>2016226593</b>	Salesforce.com, Inc.
<b>2016219052</b>	Translate Bio MA, Inc.	<b>2016227370</b>	Metso France SAS
<b>2016219434</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Louisville Research Foundation, Inc.; University of Pittsburgh - of the Commonwealth System of Higher Education	<b>2016227620</b>	Genius GmbH
<b>2016219488</b>	Bioconsortia, Inc.	<b>2016227632</b>	UCB Biopharma SPRL
<b>2016219787</b>	Merial, Inc.; Calixar; Genostar; Vetagro-Sup; Institut Pasteur	<b>2016227638</b>	Teknologisk Institut
<b>2016219835</b>	Compugen Ltd.	<b>2016227655</b>	Merz Pharma GmbH & Co. KGaA
<b>2016219841</b>	Candesant Biomedical	<b>2016228002</b>	Saniona A/S
<b>2016219853</b>	Lixte Biotechnology, Inc.; The Institut national de la Santé et de la Recherche Médicale	<b>2016228017</b>	Xuzhou Heavy Machinery Co., Ltd.
<b>2016219961</b>	Insulet Corporation	<b>2016228116</b>	Bionomics Limited
<b>2016220059</b>	Sommetrics, Inc.	<b>2016228126</b>	PBC IP Pty Ltd
<b>2016220109</b>	AS IP Holdco, LLC	<b>2016228134</b>	Crystal Spring Colony Farms Ltd.
<b>2016220135</b>	Dovetail Genomics LLC	<b>2016228415</b>	Heidelberg Pharma GmbH
<b>2016220219</b>	NeuPharma, Inc.	<b>2016228514</b>	Zoetis Services LLC
<b>2016220255</b>	Ricci Bryan, LLC	<b>2016228928</b>	Binder + Co AG
<b>2016220264</b>	Zodiac Pool Systems, Inc.	<b>2016228932</b>	My Clever Dog Pty Ltd
<b>2016220307</b>	ATI, Inc.	<b>2016228944</b>	Nano-X Pty Ltd
<b>2016222134</b>	Maersk Drilling A/S	<b>2016229164</b>	Smallwood, N.
<b>2016222174</b>	Suzhou Zelgen Biopharmaceuticals Co., Ltd.	<b>2016229201</b>	The Board of Regents of the University of Texas System
<b>2016222216</b>	Emergent BioSolutions Canada Inc.	<b>2016229319</b>	W.R. Grace & Co.-Conn.
<b>2016222535</b>	Electric Power Research Institute, Inc.	<b>2016229324</b>	Colorado State University Research Foundation; Dana-Farber Cancer Institute, Inc.; University of Notre Dame Du Lac
<b>2016222584</b>	CommScope Technologies LLC	<b>2016229408</b>	Memorial Sloan-Kettering Cancer Center
<b>2016222605</b>	Munchkin, Inc.	<b>2016229810</b>	Providence Health & Services-Oregon
<b>2016222740</b>	Bayly, L.	<b>2016229966</b>	Atea Pharmaceuticals, Inc.
		<b>2016230007</b>	Northrop Grumman Systems Corporation
		<b>2016230008</b>	Colorado State University Research Foundation; Dana-Farber Cancer Institute, Inc.; University of Notre Dame Du Lac

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2016230476	Mitsubishi Heavy Industries, Ltd.	2016251832	Vallourec Oil And Gas France; Nippon Steel & Sumitomo Metal Corporation
2016230559	Canon Kabushiki Kaisha	2016251902	Q.E.D. Environmental Systems, Inc.
2016230883	Silixa Ltd.	2016252725	Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.
2016231057	Prosernat	2016254983	Eli Lilly and Company
2016231137	Composite Production Technology B.V.	2016256303	Martin'Ex International Research and Development Centre.
2016231408	Umicore AG & Co. KG	2016256569	Philip Morris Products S.A.
2016231780	Equashield Medical Ltd.	2016258571	Graco Minnesota Inc.
2016231832	Pfizer Inc.; iTeos Therapeutics	2016260872	Detnet South Africa (Pty) Ltd
2016231992	Young, P.	2016262348	Hexcel Corporation
2016231996	BAE Systems PLC	2016265011	Avon Products, Inc.
2016232050	Janssen Vaccines & Prevention B.V.	2016269843	Saluda Medical Pty Ltd
2016232287	QinetiQ Limited	2016270252	Robert Bosch GmbH
2016232290	QinetiQ Limited	2016279661	Korea Research Institute of Chemical Technology
2016233125	Allergan, Inc.	2016327871	Nuctech Company Limited
2016233153	Acument Intellectual Properties, LLC	2016347710	Turtle Wax, Inc.
2016233223	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	2016393022	Nagaki Seiki Co., Ltd.
2016233227	Regeneron Pharmaceuticals, Inc.		
2016233250	Regeneron Pharmaceuticals, Inc.		
2016233298	Gen-Probe Incorporated		
2016233472	Dow AgroSciences LLC; Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung eV		
2016233479	Dow AgroSciences LLC; Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung eV		
2016233618	Merck Sharp & Dohme Corp.		
2016233621	Novelis Inc.		
2016235081	Cubic Corporation		
2016235862	The Gillette Company LLC		
2016235863	The Gillette Company LLC		
2016235864	The Gillette Company LLC		
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2016235984	Dropbox, Inc.		
2016238069	Panasonic Intellectual Property Management Co., Ltd.		
2016238219	Vision Ease, LP		
2016238641	De La Rue International Limited		
2016238687	Pernod Ricard		
2016238721	Green Automation Export Oy		
2016238748	SCW Systems B.V.		
2016238760	Université de Bordeaux; Inserm; Centre Hospitalier Universitaire de Bordeaux		
2016239028	Jiangsu Hengrui Medicine Co., Ltd.		
2016239724	PELLENC (Societe Anonyme)		
2016239772	Grünenthal GmbH		
2016240880	JFE Steel Corporation		
2016242223	Sony Corporation		
2016242924	Osprey Medical, Inc.		
2016243159	Qualcomm Incorporated		
2016243298	Qualcomm Incorporated		
2016244004	Osprey Medical, Inc.		
2016244039	ADA Foundation		
2016244807	Qualcomm Incorporated		
2016244808	Qualcomm Incorporated		
2016244809	Qualcomm Incorporated		
2016245944	Philip Morris Products S.A.		
2016246359	AFT Pharmaceuticals Limited		
2016246647	Qualcomm Incorporated		
2016246714	Qualcomm Incorporated		
2016246745	MAKO Surgical Corp.		
2016247768	Dow AgroSciences LLC		
2016247901	Eli Lilly and Company		
2016247964	Eli Lilly and Company		
2016247965	Covidien LP		
2016248882	Ventana Medical Systems, Inc.		
2016248947	Pfizer Inc.		
2016249431	Sony Corporation		
2016249814	Dow AgroSciences LLC		
2016250184	Conagen Inc.		
2016251610	Vallourec Oil and Gas France; Nippon Steel & Sumitomo Metal Corporation		
2016251827	Vallourec Oil and Gas France; Nippon Steel & Sumitomo Metal Corporation		

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<b>A01G 3 /-</b>	<b>A23L 17 /-</b>	<b>A61F 13 /-</b>	2016215350	<b>A61M 15 /-</b>	2016224503
2016239724	2016238687	2016224833	2016219434	2016246359	2016226157
<b>A01G 31 /-</b>	<b>A23L 2 /-</b>	<b>A61F 2 /-</b>	2016219835	<b>A61M 25 /-</b>	2016228116
2016238721	2016225278	2016238760	2016223489	2016231992	2016228415
<b>A01G 9 /-</b>	<b>A23L 27 /-</b>	<b>A61F 7 /-</b>	2016229201	<b>A61M 27 /-</b>	2016229408
2016238721	2016252725	2016219841	2016233223	2016220059	2016231408
<b>A01H 5 /-</b>	<b>A24F 47 /-</b>	<b>A61G 5 /-</b>	<b>A61K 39 /-</b>	<b>A61M 39 /-</b>	2016239028
2016233472	2016245944	2016224104	2016215291	2016222871	2016248947
2016233479	2016256569	2016224833	2016219787	2016226293	<b>A61P 37 /-</b>
<b>A01K 15 /-</b>	<b>A41F 17 /-</b>	<b>A61G 9 /-</b>	2016222216	<b>A61M 5 /-</b>	2016222174
2016228932	2016222740	2016224833	2016226157	2016219961	<b>A61P 39 /-</b>
<b>A01K 67 /-</b>	<b>A43B 13 /-</b>	<b>A61J 1 /-</b>	2016227632	2016222871	2016226072
2016222909	2016220255	2016226293	2016228514	2016224869	<b>A61P 5 /-</b>
2016233250	<b>A43B 21 /-</b>	<b>A61J 15 /-</b>	2016229408	2016226293	2016224503
<b>A01N 25 /-</b>	2016220255	2016231992	2016230008	2016244004	2016247901
2015383929	<b>A43C 13 /-</b>	<b>A61K 31 /-</b>	2016233223	<b>A61P 1 /-</b>	2016247964
<b>A01N 33 /-</b>	2016220255	2015289389	2016248947	2016222174	<b>A61P 9 /-</b>
2016209008	<b>A43C 15 /-</b>	2016209008	<b>A61K 45 /-</b>	2016222871	2016214802
<b>A01N 37 /-</b>	2016220255	2016209724	2016212067	2016224869	2016222174
2015383929	<b>A47G 9 /-</b>	2016212067	2016215291	2016226293	<b>A61Q 13 /-</b>
2016209008	2016224833	2016217461	2016226157	2016242924	2016223718
2016247768	<b>A47J 37 /-</b>	2016219052	2016233125	2016244004	<b>A61Q 19 /-</b>
2016249814	2016228134	2016219853	<b>A61K 47 /-</b>	2016212067	2016226072
<b>A01N 43 /-</b>	<b>A47K 10 /-</b>	2016222174	2016209724	<b>A61P 25 /-</b>	2016256303
2016220219	2015384178	2016224503	20162209724	2016214802	<b>A62B 18 /-</b>
<b>A01N 63 /-</b>	<b>A61B 17 /-</b>	2016226157	2016224503	2016217461	2016223087
2016219488	2016225063	2016226340	<b>A61K 6 /-</b>	2016231832	<b>A62B 35 /-</b>
2016225090	<b>A61B 3 /-</b>	2016228002	<b>A61K 8 /-</b>	<b>A61P 27 /-</b>	2016393022
<b>A01P 1 /-</b>	2015383088	2016228116	2016209008	2015384099	<b>B01D 1 /-</b>
2016209008	2016223209	2016229319	2016223718	<b>A61P 29 /-</b>	2016217954
<b>A23K 10 /-</b>	2016224402	2016229324	2016226072	2016222174	<b>B01D 5 /-</b>
2016229164	<b>A61B 34 /-</b>	2016229966	2016256303	2016226340	2016217954
<b>A23K 20 /-</b>	2016246745	2016230008	<b>A61K 9 /-</b>	2016239028	<b>B01D 53 /-</b>
2016229164	2016247965	2016231408	2016209008	<b>A61P 3 /-</b>	2016231057
<b>A23K 30 /-</b>	<b>A61B 5 /-</b>	2016231832	2016209724	2016215350	<b>B01D 61 /-</b>
2016229164	2015387123	2016233125	2016219434	2016222174	2016218454
<b>A23K 50 /-</b>	2016220059	2016233618	2016215350	2016228002	<b>B01D 67 /-</b>
2016229164	2016269843	2016239028	2016224503	2016231832	2016224950
<b>A61B 6 /-</b>	2016228944	2016239772	2016228002	<b>A61P 31 /-</b>	<b>B05B 15 /-</b>
		2016247964	2016233125	2016209008	2016347710
		2016254983	2016239772	2016222174	<b>B05C 13 /-</b>
		2016265011	2016254983	2016222216	2016238219
		2016279661	<b>A61L 27 /-</b>	2016231832	
		<b>A61K 35 /-</b>	2016238760	<b>A61P 33 /-</b>	
		2016226022	<b>A61M 1 /-</b>	2016233223	
		2016229201	2016220059	<b>A61P 35 /-</b>	
		2016248947	<b>A61M 11 /-</b>	2016209724	
		<b>A61K 38 /-</b>	2016246359	2016222174	
		2015380301			
		2015384099			
		2016209724			

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<b><u>B05D 5/-</u></b>	<b><u>B29C 70/-</u></b>	<b><u>B65H 7/-</u></b>	<b><u>C07D 205/-</u></b>	<b><u>C07D 307/-</u></b>	<b><u>C07F 9/-</u></b>
2016238219	2016231137	2015384218	2016247768 2016249814	2016247768	2016224976
<b><u>B06B 1/-</u></b>	<b><u>B29D 11/-</u></b>	<b><u>B66C 23/-</u></b>	<b><u>C07D 207/-</u></b>	<b><u>C07D 309/-</u></b>	<b><u>C07H 19/-</u></b>
2016227370	2016238219	2016228017	2016247768	2016247768 2016249814	2016229319 2016229966
<b><u>B07C 5/-</u></b>	<b><u>B32B 15/-</u></b>	<b><u>B82Y 30/-</u></b>	<b><u>C07D 209/-</u></b>	<b><u>C07D 331/-</u></b>	<b><u>C07J 9/-</u></b>
2016228928	2016240880	2016224950	2016247768	2016247768 2016249814	2016222174
<b><u>B09B 1/-</u></b>	<b><u>B41M 3/-</u></b>	<b><u>C01B 13/-</u></b>	<b><u>C07D 213/-</u></b>	<b><u>C07D 333/-</u></b>	<b><u>C07K 14/-</u></b>
2016251902	2016238641	2016223778	2016239028 2016247768	2016247768 2016249814	2015380301 2015384099 2016219434 2016219787 2016219835 2016226022 2016228514 2016229810 2016233223 2016233250 2016233479
<b><u>B23K 10/-</u></b>	<b><u>B42D 25/-</u></b>	<b><u>C01B 17/-</u></b>	<b><u>C07D 215/-</u></b>	<b><u>C07D 401/-</u></b>	
2016225447	2016238641	2016231057	2016247768	2016233618 2016247901 2016247964	
<b><u>B23K 9/-</u></b>	<b><u>B60K 17/-</u></b>	<b><u>C02F 1/-</u></b>	<b><u>C07D 231/-</u></b>	<b><u>C07D 403/-</u></b>	
2016225447	2016232287	2016217954 2016225245	2016247768	2016279661	
<b><u>B25B 15/-</u></b>	<b><u>B60K 7/-</u></b>	<b><u>C02F 103/-</u></b>	<b><u>C07D 233/-</u></b>	<b><u>C07D 405/-</u></b>	<b><u>C07K 16/-</u></b>
2016233153	2016232287 2016232290	2016217954	2016247768	2016217461 2016239028	2016215291 2016219835 2016222216 2016227632 2016229810 2016248947
<b><u>B25B 27/-</u></b>	<b><u>B62D 5/-</u></b>	<b><u>C02F 11/-</u></b>	<b><u>C07D 235/-</u></b>	<b><u>C07D 417/-</u></b>	<b><u>C07K 19/-</u></b>
2016223762	2016231996	2016225245 2016238748	2016247768	2016231832 2016247768	2016248947
<b><u>B25J 19/-</u></b>	<b><u>B62D 55/-</u></b>	<b><u>C05F 11/-</u></b>	<b><u>C07D 237/-</u></b>	<b><u>C07D 461/-</u></b>	<b><u>C07K 7/-</u></b>
2016222767	2016220307	2016219488	2016247768	2016214802	2016228415
<b><u>B25J 9/-</u></b>	<b><u>B62K 17/-</u></b>	<b><u>C07C 237/-</u></b>	<b><u>C07D 239/-</u></b>	<b><u>C07D 471/-</u></b>	<b><u>C08F 222/-</u></b>
2016246745	2015371760	2016247768 2016249814	2016247768	2016226340 2016247768 2016279661	2016223554
<b><u>B26B 21/-</u></b>	<b><u>B62K 5/-</u></b>	<b><u>C07C 255/-</u></b>	<b><u>C07D 249/-</u></b>	<b><u>C07D 487/-</u></b>	<b><u>C08G 61/-</u></b>
2016235862 2016235863 2016235864	2015371760	2016247768 2016249814	2016247768	2016279661	2016244039
<b><u>B26D 1/-</u></b>	<b><u>B62M 1/-</u></b>	2016247768 2016249814	<b><u>C07D 263/-</u></b>	<b><u>C07D 493/-</u></b>	<b><u>C08J 5/-</u></b>
2016227620	2015371760	<b><u>C07C 259/-</u></b>	2016233227 2016247768	2016223554	2016222779
<b><u>B26D 3/-</u></b>	<b><u>B63G 8/-</u></b>	<b><u>C07C 271/-</u></b>	<b><u>C07D 277/-</u></b>	<b><u>C07D 498/-</u></b>	<b><u>C08K 7/-</u></b>
2016227620	2016231996	2016247768	2016247768	2016229324 2016233227	2016222779
<b><u>B26D 5/-</u></b>	<b><u>B63H 25/-</u></b>	<b><u>C07C 271/-</u></b>	<b><u>C07D 285/-</u></b>	<b><u>C07D 498/-</u></b>	<b><u>C08L 23/-</u></b>
2016227620	2016231996	2016247768	2016247768	2016229324 2016233227	2016222779
<b><u>B26D 7/-</u></b>	<b><u>B65D 51/-</u></b>	<b><u>C07C 311/-</u></b>	<b><u>C07D 295/-</u></b>	<b><u>C07D 513/-</u></b>	<b><u>C08L 77/-</u></b>
2016227620	2016222605	2016247768	2016247768 2016249814	2016229324 2016230008	2016222779
<b><u>B29C 33/-</u></b>	<b><u>B65D 65/-</u></b>	<b><u>C07C 317/-</u></b>	<b><u>C07D 303/-</u></b>	<b><u>C07D 519/-</u></b>	<b><u>C09D 5/-</u></b>
2016231137	2016252725	2016247768	2016219853	2016214802	2016212197
<b><u>B29C 44/-</u></b>	<b><u>B65D 8/-</u></b>	<b><u>C07C 323/-</u></b>	<b><u>C07D 305/-</u></b>	<b><u>C07F 15/-</u></b>	<b><u>C09J 4/-</u></b>
2016231137	2016240880	2016247768	2016247768 2016249814	2016231408	2016223554
<b><u>B29C 53/-</u></b>	<b><u>B65G 1/-</u></b>	<b><u>C07C 331/-</u></b>			
2016231137	2016222767	2016247768			
	<b><u>B65H 43/-</u></b>	<b><u>C07C 381/-</u></b>			
	2015384218	2016247768			



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<b>C09J 7 /-</b>	2016224976 2016233472 2016233479 2016250184	<b>E01C 13 /-</b>	<b>F04B 17 /-</b>	<b>F24F 13 /-</b>	<b>G01N 30 /-</b>
2016215123		2015392708	2016258571	2016209752 2016213524 2016270252	2016227638
<b>C09J 9 /-</b>	<b>C12N 5 /-</b>	<b>E03C 1 /-</b>	<b>F04B 47 /-</b>		<b>G01N 33 /-</b>
2016215123	2016222216 2016222909 2016225090 2016226022 2016233250 2016238760	2016220109	2016258571	<b>F25B 30 /-</b>	2016222216 2016222909 2016227638 2016227655 2016229810 2016232050 2016233250 2016248882
<b>C10B 39 /-</b>		<b>E04B 1 /-</b>	<b>F04D 13 /-</b>	2016270252	
2016230476		2016224145	2015393386	<b>F28F 13 /-</b>	
<b>C10L 9 /-</b>		<b>E04B 5 /-</b>	<b>F16B 23 /-</b>	2016224139	
2016230476	<b>C12P 19 /-</b>	2016224145	2016233153	<b>F28F 21 /-</b>	
<b>C10M 171 /-</b>	2016250184	<b>E21B 10 /-</b>	<b>F16B 35 /-</b>	2016224139	<b>G01P 13 /-</b>
2016251610 2016251827 2016251832	<b>C12P 21 /-</b>	2016210554	2016233153	<b>F28F 3 /-</b>	2016270252
<b>C10N 10 /-</b>	2016222216	<b>E21B 12 /-</b>	<b>F16B 45 /-</b>	2016224139	<b>G01S 19 /-</b>
2016251610 2016251827 2016251832	<b>C12Q 1 /-</b>	2016210554	2016393022	<b>F41G 1 /-</b>	2016251902
<b>C10N 10 /-</b>	2016233298	<b>E21B 17 /-</b>	<b>F16D 3 /-</b>	2016235081	<b>G01T 1 /-</b>
2016251610 2016251827 2016251832	<b>C12R 1 /-</b>	2016251610 2016251827 2016251832	2016230559	<b>F41G 3 /-</b>	2016228944
<b>C10N 40 /-</b>	2016250184	<b>E21B 17 /-</b>	<b>F16H 3 /-</b>	2016235081	<b>G01V 3 /-</b>
2016251610 2016251827 2016251832	<b>C22C 21 /-</b>	2016232290	2016232290	<b>F42D 1 /-</b>	2015391018
<b>C10N 50 /-</b>	2016209040 2016233621	<b>E21B 21 /-</b>	<b>F16L 57 /-</b>	2016260872	<b>G02B 23 /-</b>
2016251610 2016251827 2016251832	<b>C22F 1 /-</b>	2015391988	2016251610 2016251827 2016251832	<b>F42D 3 /-</b>	2016235081
<b>C10N 50 /-</b>	2016233621	<b>E21B 27 /-</b>	<b>F16L 58 /-</b>	2016260872	<b>G02B 26 /-</b>
2016251610 2016251827 2016251832	<b>C23C 28 /-</b>	2016210554	2016251610 2016251827 2016251832	<b>G01D 4 /-</b>	2015383088
<b>C10N 70 /-</b>	2016251610 2016251827 2016251832	<b>E21B 34 /-</b>	<b>F16L 58 /-</b>	2015387489	<b>G02B 27 /-</b>
2016251610 2016251827 2016251832	<b>C25F 7 /-</b>	2016211461	2016251610 2016251827 2016251832	<b>G01D 5 /-</b>	2016238641
<b>C10N 80 /-</b>	2016224950	<b>E21B 43 /-</b>	<b>F16L 9 /-</b>	2016230883	<b>G02B 3 /-</b>
2016251610 2016251827 2016251832	<b>D01F 1 /-</b>	2015391988	2016208981	<b>G01F 11 /-</b>	2016238641
<b>C11B 9 /-</b>	2015392708	<b>E21B 47 /-</b>	<b>F21V 23 /-</b>	2016244004	<b>G02B 6 /-</b>
2016223718	<b>D01F 6 /-</b>	2015391018 2015392069	2016220264	<b>G01H 9 /-</b>	2016222584
<b>C11D 3 /-</b>	2015392708	<b>E21B 7 /-</b>	<b>F21V 31 /-</b>	2016230883	<b>G02B 7 /-</b>
2016223718	<b>D02G 3 /-</b>	2016210554	2016220264	<b>G01N 1 /-</b>	2016238219
<b>C12G 3 /-</b>	2016223486	<b>E21F 1 /-</b>	<b>F21W 131 /-</b>	2016248882	<b>G03G 15 /-</b>
2016238687	<b>E01B 1 /-</b>	2016208981	2016220264	<b>G01N 21 /-</b>	2016230559
<b>C12N 1 /-</b>	2015379580	<b>E21F 3 /-</b>	<b>F24C 1 /-</b>	2016225422	<b>G03G 21 /-</b>
2016228514 2016250184	<b>E01B 29 /-</b>	2016208981	2016228134	<b>G01N 23 /-</b>	2016230559
<b>C12N 15 /-</b>	2015379580	<b>F01K 7 /-</b>	<b>F24D 19 /-</b>	2016228944	<b>G06F 17 /-</b>
2016219052 2016219835 2016222216	<b>E01B 37 /-</b>	2016222535	2016270252	<b>G01N 27 /-</b>	2015317290 2016212705
		<b>F04B 1 /-</b>	<b>F24F 1 /-</b>	2016227638	<b>G06F 19 /-</b>
		2016258571	2016209752	<b>G01N 29 /-</b>	2016220135 2016226288
		<b>F04B 15 /-</b>	<b>F24F 11 /-</b>	2016224101	<b>G06N 3 /-</b>
		2016258571	2016270252		2016226288

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

<b><u>G06Q 10 /-</u></b>	<b><u>H02J 4 /-</u></b>	<b><u>H04W 76 /-</u></b>
2016327871	2016222134	2015387489 2016228126
<b><u>G06Q 30 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04W 84 /-</u></b>
2015385117	2016238069	2016246714
<b><u>G06Q 50 /-</u></b>	<b><u>H04B 10 /-</u></b>	<b><u>H04W 88 /-</u></b>
2016212705 2016251902	2016222584	2016228126 2016243298
<b><u>G08B 17 /-</u></b>	<b><u>H04B 5 /-</u></b>	
2016225422	2016228126	
<b><u>G09F 3 /-</u></b>	<b><u>H04J 11 /-</u></b>	
2016215123	2016242223	
<b><u>G09F 9 /-</u></b>	<b><u>H04J 14 /-</u></b>	
2015385117	2016222584	
<b><u>G10K 11 /-</u></b>	<b><u>H04J 3 /-</u></b>	
2016262348	2015387489	
<b><u>G10L 19 /-</u></b>	<b><u>H04J 99 /-</u></b>	
2016244807 2016244808	2016242223	
<b><u>G10L 25 /-</u></b>	<b><u>H04L 1 /-</u></b>	
2016244807	2016246647 2016246714	
<b><u>G11C 11 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2016230007 2016244004	2015387489 2016235983 2016235984	
<b><u>H01J 49 /-</u></b>	<b><u>H04L 5 /-</u></b>	
2016227638	2016243159	
<b><u>H01L 39 /-</u></b>	<b><u>H04L 9 /-</u></b>	
2016230007	2016226593	
<b><u>H01M 10 /-</u></b>	<b><u>H04M 3 /-</u></b>	
2016225020	2016244809	
<b><u>H01M 2 /-</u></b>	<b><u>H04W 36 /-</u></b>	
2016225020	2016249431	
<b><u>H01M 4 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2016225020	2016243298	
<b><u>H01Q 1 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2015391018	2015387489 2016242223 2016243298	
<b><u>H01T 19 /-</u></b>	<b><u>H04W 74 /-</u></b>	
2016223778	2016243159 2016246714	
<b><u>H02J 3 /-</u></b>		
2016222134		

Applications Accepted

Name Index

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 (21) 2014275187 (22) 02.06.2014  
 (54) Removable wall decoration kits, systems and methods  
 (51) Int. Cl.  
**B44C 5/04** ( 2006.01 )  
**B44C 3/00** ( 2006.01 )  
**B44C 5/00** ( 2006.01 )  
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 (21) 2015227127 (22) 05.03.2015  
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**C12M 1/16** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
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**G01N 33/52** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
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**A61K 31/403** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
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**C12Q 1/68** ( 2006.01 )  
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**B29C 67/00** ( 2006.01 )  
**C08J 3/00** ( 2006.01 )  
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*F04D 13/06* ( 2006.01 )  
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*C08G 18/38* ( 2006.01 )

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**(51)** Int. Cl.  
*C08G 18/50* ( 2006.01 )  
*C08G 18/46* ( 2006.01 )  
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*C09D 175/12* ( 2006.01 )  
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 al anti-inflammatory response  
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 Woodward, David F.  
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**(54)** Compounds acting at multiple  
 prostaglandin receptors giving a gener-  
 al anti-inflammatory response  
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*C07D 231/14* ( 2006.01 )  
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*C07D 231/38* ( 2006.01 )

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*A61K 31/7088* ( 2006.01 )

*A61K 31/713* ( 2006.01 )  
*C07C 211/10* ( 2006.01 )  
*C07C 211/11* ( 2006.01 )  
*C07C 217/08* ( 2006.01 )  
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*C07C 251/38* ( 2006.01 )  
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*C07F 5/02* ( 2006.01 )

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**F16K 17/00** ( 2006.01 )  
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**A61P 27/02** ( 2006.01 )  
**C07D 207/34** ( 2006.01 )

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**C07D 403/10** ( 2006.01 )  
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F04B 49/08 ( 2006.01 )  
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F04D 25/06 ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
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**A61N 1/05** ( 2006.01 )  
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**A61N 1/378** ( 2006.01 )  
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**C08G 61/08** ( 2006.01 )  
**C08F 4/80** ( 2006.01 )  
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**(74)** Allens Patent & Trade Mark Attorneys

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**E21B 7/04** ( 2006.01 )



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**A23P 10/30** ( 2016.01 )  
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**A61P 37/04** ( 2006.01 )  
**C07K 14/005** ( 2006.01 )  
**C07K 14/11** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
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**A61P 29/00** ( 2006.01 )  
**C07C 235/80** ( 2006.01 )  
**C07C 237/22** ( 2006.01 )  
**C07C 255/54** ( 2006.01 )  
**C07C 275/28** ( 2006.01 )  
**C07D 211/26** ( 2006.01 )  
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**C07D 265/32** ( 2006.01 )  
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**A01K 67/027** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**B02C 2/04** ( 2006.01 )
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**A61M 5/172** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )
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**A61M 16/16** ( 2006.01 )
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**H01H 9/54** ( 2006.01 )  
**H01R 13/00** ( 2006.01 )  
**H02H 11/00** ( 2006.01 )
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**G01B 7/004** ( 2006.01 )  
**G01B 7/14** ( 2006.01 )  
**G01C 15/02** ( 2006.01 )  
**G01S 1/02** ( 2006.01 )  
**G01S 11/02** ( 2006.01 )  
**G01V 3/12** ( 2006.01 )  
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**B63B 35/44** ( 2006.01 )  
**B63J 2/12** ( 2006.01 )  
**F17C 9/02** ( 2006.01 )
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- (51) Int. Cl.  
**B01D 53/52** ( 2006.01 )  
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**B01D 61/44** ( 2006.01 )  
**B01J 39/04** ( 2006.01 )  
**B01J 41/04** ( 2006.01 )  
**B01J 49/00** ( 2006.01 )  
**C02F 1/04** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )  
**C02F 1/42** ( 2006.01 )

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**C08J 5/12** ( 2006.01 )  
**B29C 41/00** ( 2006.01 )  
**B32B 3/10** ( 2006.01 )  
**B32B 7/02** ( 2006.01 )  
**C08G 71/04** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**H04N 5/272** ( 2006.01 )  
**G06T 7/00** ( 2006.01 )  
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**(54)** VIDEO ENCODING DEVICE, VIDEO DECODING DEVICE, VIDEO ENCODING METHOD, AND VIDEO DECODING METHOD  
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**H04N 19/50** ( 2014.01 )  
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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**(54)** Compositions, dosage forms, and co-administration of an opioid agonist compound and an analgesic compound  
**(51)** Int. Cl.  
**A61K 31/75** ( 2006.01 )  
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**(54)** Container, in particular for food use  
**(51)** Int. Cl.  
**B65D 43/14** ( 2006.01 )  
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**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
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**(54)** Modular building system  
**(51)** Int. Cl.  
**E04B 1/61** ( 2006.01 )  
**E02D 27/00** ( 2006.01 )  
**E04B 2/82** ( 2006.01 )  
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**(74)** AJ PARK

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**(51)** Int. Cl.  
**C07K 14/11** ( 2006.01 )  
**A61K 39/145** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
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**(54)** Sleep posture alerting apparatus and method  
**(51)** Int. Cl.  
**A61F 5/56** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**G08B 21/06** ( 2006.01 )  
**(87)** WO2013/129924  
**(31)** 2008359 **(32)** 27.02.12 **(33)** NL  
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**(74)** Watermark Intellectual Property Pty Ltd

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**(21)** 2016200444 **(22)** 27.01.2016  
**(54)** Large resistive vee dipole antenna combined with vee dipole array  
**(51)** Int. Cl.  
**G01V 3/17** ( 2006.01 )  
**H01Q 9/44** ( 2006.01 )  
**H01Q 21/28** ( 2006.01 )  
**(43)** 18.02.2016  
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**(72)** WOLFSON, Jason T.; ETEBARI, Ali  
**(74)** Griffith Hack

**(71)** Nike Innovate C.V.  
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**(21)** 2016219621 **(22)** 24.08.2016  
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**(51)** Int. Cl.  
**A43B 1/04** ( 2006.01 )  
**A43B 23/02** ( 2006.01 )  
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**(71)** Nirotek A.C.S. Ltd.  
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**(51)** Int. Cl.  
**B32B 9/00** ( 2006.01 )  
**B32B 27/16** ( 2006.01 )  
**(87)** WO2014/111938  
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A61F 13/02 ( 2006.01 )  
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HASHINO, Ryo; NUMATA, Akira  
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(54) Self-supporting cable and combination  
comprising a suspension arrangement  
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A61P 11/00 ( 2006.01 )  
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F02C 7/04 ( 2006.01 )  
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C12N 15/09 ( 2006.01 )  
C12Q 1/02 ( 2006.01 )  
G01N 33/15 ( 2006.01 )  
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**C08L 63/00** ( 2006.01 )  
**C08G 59/40** ( 2006.01 )  
**C08L 71/12** ( 2006.01 )  
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**The United States of America, as represented by The Secretary, Department of Health and Human Services see University of Kansas**  
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*A61N 1/08* (2006.01)  
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 (72) Tanaka, Toshimasa; Oguchi, Hiroki  
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 (51) Int. Cl.  
*A61K 36/71* ( 2006.01 )  
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Zarandi, M. see United States of America represented by the Department of Veterans Affairs  
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2010206557	PR Enterprises Pty Ltd	2013205663	Harnischfeger Technologies, Inc.
2011349031	Medicago Inc.	2013205912	LAWRENCE, D.
2011377642	VivaQuant LLC	2013206141	Covidien LP
2011382487	Eco-Green Coatings, L.L.C.	2013207770	ICU Medical, Inc.
2012201921	Yang, T.	2013208197	The Board of Trustees of the Leland Stanford Junior University
2012211412	Illinois Tool Works Inc.	2013209293	JOHNSON & JOHNSON VISION CARE, INC.
2012211515	ALSTOM Transport Technologies	2013209325	ANZBROOK Pty Ltd
2012229589	Aker Subsea AS	2013211333	Zhengzhou Zezheng Technical Services Ltd.
2012236965	Schneider Electric IT Corporation	2013211646	Siena Biotech S.p.A; F. Hoffmann-La Roche AG
2012240570	Stocker, L.	2013211833	Newport Laboratories, Inc.
2012257417	Koninklijke Philips N.V.	2013211934	SanBio, Inc.
2012257584	Signovate UK Limited	2013212250	Cortronik GmbH
2012262273	Anthrogenesis Corporation	2013214885	Justrite Manufacturing Company L.L.C.
2012268904	Multicom Systems Pty Ltd	2013216586	BIOSENSE WEBSTER (ISRAEL), LTD.
2012274886	Dan-Pal	2013217754	Fenerci, A.
2012280222	Genmab A/S	2013219221	General Electric Company
2012285475	The National Institute for Biotechnology in the Negev, Ltd.	2013219844	Sentinel Connector Systems, Inc.
2012285806	DSM IP Assets B.V.	2013220100	Brooke, G.
2012290778	Malcolm, A.; Patterson, M.	2013220537	Sanofi-Aventis Deutschland GmbH
2012294368	Boston Scientific Neuromodulation Corporation	2013223715	Lupin Atlantis Holdings SA
2012298606	iO Mounts LLC	2013223846	PolyPhotonix Limited
2012303620	Ping Identity Corporation	2013224833	Technidril
2012304993	uniQure IP B.V.	2013226620	NightBalance B.V.
2012308243	Taipei Medical University	2013227416	Waste Heat Recovery Ltd
2012309417	Otsuka Pharmaceutical Co., Ltd.; International Institute of Cancer Immunology, Inc.	2013227981	Ad Lunam Labs Inc.
2012316730	Google Inc.	2013228116	Mondiale Technologies Limited
2012316878	Chen, X.; Invert Robotics Limited; Davies, T.; Taylor, A.; Somerville, L.; Robertson, J.; Sachdeva, B.	2013229631	Bracco Imaging SpA
2012318588	Incube Labs, LLC	2013234303	Universitat Bern
2012321401	Fisher & Paykel Healthcare Limited	2013237750	Assembly Electronics Pty Ltd.
2012322903	Centre National de la Recherche Scientifique; Institut National de la Sante et de la Recherche Medicale (INSERM); Association Institut de Myologie; Universite Pierre et Marie Curie (Paris 6); Universitat Bern	2013237929	NovImmune S.A.
2012324783	Terex GB Limited	2013239342	Clicksmart Pty Ltd
2012325191	Siemens Aktiengesellschaft	2013240630	Xylem IP Management S.a.r.l.
2012326237	Saudi Arabian Oil Company	2013243224	Commonwealth Scientific and Industrial Research Organisation
2012328794	Nordson Corporation	2013243825	ArthroCare Corporation
2012333980	Novomatic AG	2013245244	Stora Enso Oyj
2012336030	Nektar Therapeutics	2013245530	Whirlpool Corporation
2012339057	DYWIDAG-Systems International Pty Limited	2013246612	Bagi Research Limited; Versitech Limited
2012339722	Regeneron Pharmaceuticals, Inc.	2013246716	Britannia Operator Limited
2012340519	Fondazione Istituto Italiano di Tecnologia; The Regents of the University of California; University degli Studi di Urbino; Universita degli Studi di Parma	2013249933	Clinical Innovations, LLC
2012340526	Starbucks Corporation d/b/a Starbucks Coffee Company	2013254623	Ugolin, N.
2012340712	Genocea Biosciences, Inc.	2013257788	Ncam Technologies Limited
2012346214	Bikam Pharmaceuticals, Inc.	2013259052	Orthopediatrics Corp.
2012346448	ArmaGen Technologies, Inc.	2013259544	Adaptive Biotechnologies Corporation
2012347637	Alnylam Pharmaceuticals, Inc.	2013259892	Merck Sharp & Dohme Corp.; Alectos Therapeutics Inc.
2012348122	Bio-Rad Laboratories, Inc.	2013261184	Nev-X Systems Limited
2012351564	Essilor International (Compagnie Generale d'Optique)	2013261637	SEB S.A.
2012353016	Triton Connector Solutions Pte. Ltd	2013263469	Grade Group AS
2012353651	University of Kansas; Northwestern University; The United States of America, as represented by The Secretary, Department of Health and Human Services	2013265496	Industrie De Nora S.p.A.
2012355743	United States of America represented by the Department of Veterans Affairs; Schally, A.; University of Miami; Cai, R.; Zarandi, M.	2013271307	Mindspark Technologies Pty Ltd
2012358983	Allergan, Inc.	2013271569	Constellation Pharmaceuticals, Inc.
2012362724	Allergan, Inc.	2013274901	Cerion, LLC
2012363778	Hathorn, J.	2013276309	Balltec Limited
2012380342	Yomtov, B.; Sussman, M.; Batty, J.	2013276583	BASF SE
2012388219	FMC Technologies Inc.	2013276596	HTCeramix S.A.
2013201119	VPL Equipment Pty Ltd	2013276625	BASF SE
		2013280376	Levitation Sciences LLC
		2013281208	Schlumberger Technology B.V.
		2013282349	Abbott Medical Optics Inc.
		2013285468	Fiberline A/S
		2013286733	Boston Scientific Scimed, Inc.
		2013289838	Fin Control Systems Pty. Limited
		2013290438	FibroGen, Inc.
		2013291820	Huntleigh Technology Limited
		2013294692	Mashiach, A.
		2013295864	Ab Initio Technology LLC
		2013296158	Mashiach, A.; Ruytjens, T.

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2013296610	Dow Global Technologies LLC	2013375156	Compagnie Gervais Danone; Danone S.A.
2013297532	Ono Pharmaceutical Co., Ltd.	2013377868	Dyno Nobel Inc.
2013299039	Peters, J.; Eberi, L.; Antonovic, V.	2013381005	Thomson Licensing
2013299340	Atlas Copco Airpower, naamloze vennootschap	2013389686	Blucher GmbH
2013300171	The Board of Trustees of the Leland Stanford Junior University	2013395310	Huawei Device Co., Ltd.
2013301200	Lapstun, P.	2013395317	China Kingsun Material Technology Co., Ltd; Institute of Process Engineering, Chinese Academy of Sciences
2013301451	Janssen Sciences Ireland UC	2013398344	Landmark Graphics Corporation
2013301494	Faz Technology Limited	2013400414	Alfred Karcher GmbH & Co. KG
2013301629	Saint-Gobain PAM	2014200460	The Raymond Corporation
2013304626	BHP Chile Inc.	2014200554	Nagravision S.A.
2013309319	Osprey Medical Inc.	2014200562	PGS Geophysical AS
2013309872	Ono Pharmaceutical Co., Ltd.	2014200969	Liebherr-Mining Equipment Colmar SAS
2013311061	So Spark Ltd.	2014201599	Palantir Technologies, Inc.
2013311521	Blue Solutions	2014201988	CSR Building Products Limited
2013312910	Lauren Sciences LLC	2014203021	Renset Services Pty Ltd
2013313126	Georgia-Pacific Consumer Products LP	2014203150	Merus N.V.
2013315672	Strata Safety Products, LLC	2014203729	Beijing Cenway Bio-Energy Technology Co., Ltd.; Tsinghua University
2013315687	Kama-Tech (HK) Limited; Laser Technology, Inc.	2014203750	General Electric Company
2013317936	Google Inc.	2014204666	Kalvista Pharmaceuticals Limited
2013318108	Qualcomm Incorporated	2014206508	Nirotek A.C.S. Ltd.
2013319845	Pfizer Inc.	2014208002	Samsung Electronics Co., Ltd.
2013320251	Covagen AG	2014210494	Hanmi Pharm. Co., Ltd.
2013320589	LOHMANN & RAUSCHER GmbH	2014214738	View, Inc.
2013321216	Unicharm Corporation	2014215502	Owens-Brockway Glass Container Inc.
2013322638	Bayer Pharma Aktiengesellschaft	2014215721	D B Industries, LLC
2013323646	Stryker Corporation	2014216315	Scoperta, Inc.
2013323981	GE Healthcare AS	2014217502	Kelada, M.
2013324189	Tensor Surgical, Inc.	2014217847	IDEAS Denmark A/S
2013324246	Qualcomm Incorporated	2014221434	Atlas Copco Rock Drills AB
2013324696	Merck Patent GmbH	2014223411	Microchips Biotech, Inc.
2013326486	Janssen Sciences Ireland UC	2014223620	The University of North Carolina at Chapel Hill
2013326538	Fresenius Kabi Austria GmbH	2014224215	Cipriani, G.
2013326741	Desolenator B.V.	2014224975	Merck Patent GmbH
2013328266	B.M.S. Investment Group (H.A.S.) LTD.	2014225487	Dow AgroSciences LLC
2013329153	Xyleco, Inc.	2014227749	Green, J.
2013330966	IPG Photonics Corporation	2014229179	Devaraj, G.; Win, S.; Argenta Manufacturing Limited
2013331477	STC.UNM	2014232243	McCormick & Company, Incorporated
2013334151	Lantech.com, LLC	2014232961	Clear-Vu Lighting LLC
2013334172	LanTech.Com, LLC	2014233852	BASF Corporation
2013337129	Sensoplan GmbH	2014237374	Ecolab USA Inc.
2013337681	Ikanos Communications, Inc.	2014238435	The Board of Regents of The University of Texas System
2013342212	Delaware Capital Formation, Inc.	2014241542	UOP LLC
2013344375	Transposagen Biopharmaceuticals, Inc.	2014241782	Keurig Green Mountain, Inc.
2013344493	PerkinElmer Health Sciences, Inc.	2014241891	Research Corporation Technologies, Inc.
2013344514	Lumiphore, Inc.	2014244608	Exact Sciences Corporation; Mayo Foundation for Medical Education and Research
2013344546	The Trustees of the University of Pennsylvania	2014245326	Yoshino Kogyosho Co., Ltd.
2013344560	Calithera BioSciences, Inc.	2014252206	Amlika Mercantile Private Limited
2013346397	Adamed Sp. z o.o.	2014252686	V-Zug AG
2013346517	BAE SYSTEMS plc	2014253475	Barton, P.
2013346554	Johnson Matthey Public Limited Company	2014255400	Neolid
2013346716	CASTROL LIMITED	2014258030	Samsung Electronics Co., Ltd.
2013346809	Boehringer Ingelheim International GmbH	2014261404	Nuovo Pignone Srl
2013349610	NKT Cables Group A/S	2014263407	Kyungdong Navien Co., Ltd.
2013350858	Avent, Inc.	2014264075	Huawei Technologies Co., Ltd.
2013351111	Cabinplant International A/S	2014265983	CommScope Technologies LLC
2013354226	Bayer Pharma Aktiengesellschaft	2014266808	HBN Agencies
2013354888	Super Star Toilet System Pty Ltd	2014267311	Cryovac, Inc.
2013354898	Commonwealth Scientific and Industrial Research Organisation	2014268161	Singh, V.
2013355934	Suntory Beverage & Food Limited; Suntory Holdings Limited	2014272653	Rudolph, M.
2013357500	Akzo Nobel Coatings International B.V.	2014272810	Oslo universitetssykehus HF
2013358167	Chugai Seiyaku Kabushiki Kaisha	2014273818	Evolution Engineering Inc.
2013360531	Samsung Electronics Co., Ltd.	2014275187	3M Innovative Properties Company
2013363071	Cardiac Pacemakers, Inc.	2014276026	Ricoh Company, Ltd.
2013364501	Fisher & Paykel Appliances Limited	2014278996	Seoul National University R&DB Foundation
2013368737	Lankhorst Engineered Products B.V.	2014279700	Kimberly-Clark Worldwide, Inc.
2013369007	Kimberly-Clark Worldwide, Inc.	2014282179	Taiho Pharmaceutical Co., Ltd.
2013370148	MAKO Surgical Corp.	2014284040	Evolution Engineering Inc.
2013371449	Qualcomm Incorporated		
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2014284932	Yungjin Pharmaceutical Co., Ltd.; Jeonnam Bioindustry Foundation	2015215960	BASF SE
2014285033	RISOFTDEV, Inc.	2015216691	Enzymotec Ltd.
2014285077	Materia, Inc.	2015218487	Angel Playing Cards Co. Ltd.
2014286594	Symborg, S.L.	2015218600	Google Inc.
2014289478	Arcelik Anonim Sirketi	2015223182	ICU Medical, Inc.
2014295670	Cao, Q.; Li, C.	2015224521	Grains Research and Development Corporation; Commonwealth Scientific and Industrial Research Organisation
2014295896	Commonwealth Scientific and Industrial Research Organisation	2015224528	Corning Cable Systems LLC
2014298305	Soletanche Freyssinet	2015227127	3M Innovative Properties Company
2014301579	Refratechnik Holding GmbH	2015227481	Zoll Circulation, Inc.
2014303614	Sumitomo Electric Industries, Ltd.	2015229290	ELC Management LLC
2014303878	Asahi Breweries, Ltd.	2015230852	Alexion Pharmaceuticals, Inc.
2014306699	Microsoft Technology Licensing, LLC	2015231884	StoneAge, Inc.
2014306883	Los Alamos National Security, LLC	2015238848	NITTO DENKO CORPORATION
2014310353	Pisano, R.	2015240496	Solenis Technologies, L.P.
2014311278	Hantover, Inc.	2015240904	Amazon Technologies, Inc.
2014311827	Gilead Pharmasset LLC	2015241247	Merck Sharp & Dohme Corp.
2014312110	The University of Toledo	2015241517	Baker Hughes Incorporated
2014314116	Saint-Gobain Placo SAS	2015241974	JFE Steel Corporation
2014319618	Mitsubishi Heavy Industries, Ltd.	2015242885	TLV Co., Ltd.
2014323510	JCM American Corporation; Adams, M.; Wilcutt, B.; Kubajak, D.; Henderson, M.	2015242969	The Board of Trustees of the Leland Stanford Junior University
2014323654	Wobben Properties GmbH	2015242984	St. Renatus, LLC
2014325231	Toyo Seikan Group Holdings, Ltd.	2015243007	Smith & Nephew Plc
2014326945	Wilson, P.; Wochner, M.; Hector, M.M.; Lee, K.	2015246090	Amazentis SA
2014330319	Kyoto University; Morishita Jintan Co., Ltd.	2015246821	Samsung Electronics Co., Ltd.
2014331180	Akzo Nobel Coatings International B.V.	2015248083	LaValley Industries, LLC
2014332306	May, M.	2015249072	Alnylam Pharmaceuticals, Inc.
2014335924	Coopers Fire Limited	2015249087	Incube Labs, LLC
2014342241	Merial, Inc.	2015249126	Ren, X.
2014344805	Katco Holdings Pty Ltd	2015251402	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
2014346366	Amazon Technologies, Inc.	2015252081	BIONSENSE WEBSTER, INC.
2014349300	Ang, W.; Sean, A.	2015252106	SAMSUNG ELECTRONICS CO., LTD.
2014350785	Fu, L.	2015252149	F. Hoffmann-La Roche AG
2014355546	Kyoraku Co., Ltd.	2015252983	W.L. Gore & Associates, Inc.
2014357022	Suzhou Dewo Smart System Co., Ltd	2015254809	Yoshino Kogyosho Co., Ltd.
2014357421	Austin Star Detonator Company	2015255246	Ludwig Institute for Cancer Research Ltd.
2014359381	Knorr-Bremse Systeme fur Schienenfahrzeuge GmbH	2015255258	Welltec A/S
2014364687	Unilever PLC	2015256355	Eli Lilly and Company
2014366875	Mars Incorporated	2015257687	Softbank Robotics Europe
2014373195	Xu, X.; Hangzhou Lanbishi Trade Co., Ltd.	2015259083	Novartis AG
2014375830	ZTE Corporation	2015261630	Serenity Pharmaceuticals LLC
2014377663	Baltimore Aircoil Company, Inc.	2015261684	PhotoPharmics, Inc
2014379504	Metso Minerals Industries, Inc.	2015264833	Complete Genomics, Inc.
2014379654	Halliburton Energy Services, Inc.	2015264849	Intelliskin USA, LLC
2014382371	Marine Biotechnology Inc.	2015265478	Novartis AG
2014382730	Metaio GmbH	2015268613	Cutting Edges Equipment Parts Pty Limited
2014384605	Cytec Industries Inc.	2015268626	Bayer New Zealand Limited
2014386872	Paru Co., Ltd.	2015268627	W. L. Gore & Associates, Inc.
2014389475	Halliburton Energy Services, Inc.	2015268738	Advanced Laser Materials, LLC
2014391089	Halliburton Energy Services, Inc.	2015270477	Softbank Robotics Europe
2014391093	Halliburton Energy Services, Inc.	2015271873	BDZ Holdings Ltd
2014392351	Huawei Technologies Co., Ltd.	2015271987	SharkNinja Operating LLC
2014398251	Halliburton Energy Services, Inc.	2015275284	Baxalta Incorporated; Baxalta GmbH
2014400779	Halliburton Energy Services, Inc.	2015275323	Accenture Global Services Limited
2014411039	Shengyi Technology Co., Ltd.	2015279426	Welltec A/S
2015202101	AMS Research Corporation	2015282544	Arkema France
2015202172	AMS Research Corporation	2015284363	Shell Internationale Research Maatschappij B.V.
2015202410	ESBATEch, an Alcon Biomedical Research Unit LLC	2015364800	Daikin Industries, Ltd.
2015202486	The Johns Hopkins University; Duke University	2015371120	Borealis AG; Abu Dhabi Polymers Co. Ltd (Borouge) L.L.C.
2015202645	SAN-M PACKAGE CO., LTD.	2015383088	Rebiscan, Inc.
2015202777	Agriculture Victoria Services Pty Ltd	2015384976	Unicharm Corporation
2015203835	Omeros Corporation	2015390450	Husqvarna AB
2015204360	ResMed Limited	2015392617	Japan Porlex & Co., Ltd.
2015204444	Trice Medical, Inc.	2015395597	CSIR
2015206780	Metso Minerals Industries, Inc.	2015413723	JVL Engineering Pte Ltd
2015207219	Mitsubishi Heavy Industries, Ltd.	2016200413	Vive Nano, Inc.
2015207946	Polycom, Inc.	2016200444	NIITEK, INC.
2015213308	F. Hoffmann-La Roche AG	2016200483	Honda Motor Co., Ltd.
2015214668	Dow AgroSciences LLC		
2015214669	Dow AgroSciences LLC		

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**2016200505** Heraeus Medical GmbH  
**2016200633** Isolynx, LLC  
**2016200932** The Administrators of the Tulane Educational Fund  
**2016201035** W. L. Gore & Associates, Inc.  
**2016201037** Cardioxyl Pharmaceuticals, Inc.; The Johns Hopkins University  
**2016201126** MDS Global Holding p.l.c.  
**2016201424** Covidien LP  
**2016201458** Corning Optical Communications LLC  
**2016201533** Visa U.S.A. Inc.  
**2016201556** ProMetic Pharma SMT Limited  
**2016201676** Genmab A/S  
**2016202251** Terumo Kabushiki Kaisha  
**2016202329** Kraft Foods Group Brands LLC  
**2016202339** Teletech Holdings, Inc.  
**2016202446** Fuji Xerox Co., Ltd.  
**2016202448** Fuji Xerox Co., Ltd.  
**2016202594** Pharmacyclics LLC  
**2016202622** Prothema Biosciences Limited  
**2016203013** PGS Geophysical AS  
**2016203274** Samumed, LLC  
**2016203534** Astex Therapeutics Ltd; Novartis AG  
**2016204303** Dolby International AB  
**2016204542** Facebook, Inc.  
**2016204639** Hu, B.  
**2016204677** Reel Tech Co., Ltd.  
**2016204948** Tuson RV Brakes, LLC  
**2016206379** Novartis AG  
**2016208447** Halliburton Energy Services, Inc.  
**2016210695** MQN PTY. LTD.  
**2016210774** NEC Corporation  
**2016213782** Aristocrat Technologies Australia Pty Limited  
**2016216170** Iing B.V.  
**2016219621** Nike Innovate C.V.  
**2016219703** Translatum Medicus Inc.  
**2016222325** Biocept, Inc.  
**2016226334** Wonderhealth, LLC.  
**2016228041** Wilhelm Layher Verwaltungs-GmbH  
**2016229421** Apple Inc.  
**2016247189** KeyBioscience AG  
**2016253710** Vorwerk & Co. Interholding GmbH  
**2016266004** Senver Pty Ltd  
**2016269528** Fung, J.  
**2017204435** Monsanto Technology LLC  
**2017216577** Dolby International AB  
**2017216578** Dolby International AB  
**2017216584** Dolby International AB  
**2017216586** Dolby International AB  
**2017218934** Neurohabilitation Corporation

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2014253475	2014233852	2014357022	2016219703	2012358983	2013211833
	2014286594			2012362724	2015230852
	2014330319	<b>A47J 27 /-</b>	<b>A61B 5 /-</b>	2013211646	2015255246
<b>A01C 7 /-</b>			2013223715	2013223715	2016201676
2014253475	<b>A01P 13 /-</b>	2013261637	2013216586	2013246612	2016202622
			2013220537	2013271569	
	2015214668	<b>A47J 31 /-</b>	2013226620	2013297532	
<b>A01G 13 /-</b>	2015214669		2013249933	2013301451	<b>A61K 45 /-</b>
2015240496		2012340526	2013296158	2013309872	2012336030
	<b>A01P 15 /-</b>	2014241782	2015223182	2013319845	2013297532
		2016201126	2016266004	2013324696	2013346397
<b>A01G 25 /-</b>	2014286594			2013326486	2014282179
2014344805		<b>A47J 36 /-</b>	<b>A61B 8 /-</b>	2013344560	
2015390450	<b>A01P 21 /-</b>		2013370148	2013346397	<b>A61K 47 /-</b>
		2016253710		2013346809	2012257417
	2014286594		<b>A61C 1 /-</b>	2013354226	2013227981
<b>A01H 4 /-</b>	<b>A01P 7 /-</b>	<b>A47J 42 /-</b>	2013211333	2013358167	2013309872
2015202777				2014204666	2013312910
	2014330319	2012340526	<b>A61C 13 /-</b>	2014210494	2014229179
<b>A01H 5 /-</b>		2014217847		2014224975	2015230852
2015202777	<b>A22C 18 /-</b>	2015392617	2016269528	2014282179	2015268626
2015224521				2014311827	2015275284
	2013351111	<b>A47J 43 /-</b>	<b>A61D 7 /-</b>	2014350785	
<b>A01K 1 /-</b>	<b>A23C 9 /-</b>	2013245530	2015216691	2015241247	<b>A61K 49 /-</b>
2015384976		2016253710	2015241247	2015242984	2013229631
	2013375156	<b>A47J 44 /-</b>	2015246090	2015249072	2016219703
<b>A01K 23 /-</b>	<b>A23D 9 /-</b>		2015249072	2015252149	<b>A61K 9 /-</b>
2015384976		2013245530	2013369007	2015256355	2013227981
	2015216691	<b>A47K 10 /-</b>	2015238848	2015259083	2013274901
<b>A01K 61 /-</b>	<b>A23L 2 /-</b>	2015249126	2015249126	2015261630	2013312910
2014382371			<b>A61F 2 /-</b>	2015265478	2013346397
	2014303878	<b>A47L 11 /-</b>	2013282349	2015268626	2014223411
<b>A01K 63 /-</b>	<b>A23L 7 /-</b>		2015202101	2016201037	2014284932
2013209325		2013400414	2015202101	2016201556	2014311827
2014382371	2017204435	2015271987	2015202172	2016202594	2015242984
		<b>A61B 1 /-</b>	2015252983	2016203534	2015261630
<b>A01K 67 /-</b>	<b>A23P 10 /-</b>	2012363778	2015268627	2016206379	
2014203150		2013208197	2016200505	2016219703	<b>A61L 15 /-</b>
	2014232243	2015204444	<b>A61F 5 /-</b>		2015249126
<b>A01M 1 /-</b>	<b>A41D 13 /-</b>	<b>A61B 17 /-</b>	2013226620	2013274901	<b>A61L 29 /-</b>
2014330319				2016202594	2016201035
	2015202645	2013206141	<b>A61G 11 /-</b>	<b>A61K 35 /-</b>	
	2015264849	2013216586	2013228116	2012262273	<b>A61L 31 /-</b>
<b>A01N 25 /-</b>	<b>A43B 1 /-</b>	2013239342		2013211934	2016202251
2014225487		2013243825	<b>A61G 7 /-</b>		
2014330319	2016219621	2013249933	2013291820	<b>A61K 36 /-</b>	<b>A61M 1 /-</b>
2015214668		2013259052		2013227981	2012318588
2015214669	<b>A43B 23 /-</b>	2013286733	<b>A61H 31 /-</b>	2014284932	2013309319
2016200413		2013324189	2015227481		2013320589
	2016219621	2014295670	<b>A61J 15 /-</b>	<b>A61K 38 /-</b>	2015243007
<b>A01N 37 /-</b>	<b>A45D 34 /-</b>	2015202101		2012355743	
2015214668		2015252983	<b>A61K 31 /-</b>	2013320251	<b>A61M 11 /-</b>
2015214669	2015229290	2016200505	2013350858	2015256355	2015261630
		2016201424		2016247189	
<b>A01N 43 /-</b>	<b>A47C 21 /-</b>	<b>A61B 18 /-</b>	<b>A61K 39 /-</b>		<b>A61M 15 /-</b>
2014330319			2011349031	2012280222	2015261630
2014342241	<b>A47G 19 /-</b>	2013220100	2012280222	2012309417	
2015214668		2015252081	2012336030	2012339722	<b>A61M 16 /-</b>
2015214669	2010206557	2016201424	2012340519	2012340712	2012321401
2016203274		<b>A61B 3 /-</b>	2012346214		

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2013228116	2013223715	<b>A61P 37 /-</b>	<b>B01J 19 /-</b>	<b>B07B 1 /-</b>	<b>B32B 27 /-</b>
2013344546	2013320251			2012324783	
2015204360	2014284932	2011349031	2013254623		2013313126
<b>A61M 25 /-</b>	2015259083	2013344560	2013329153	<b>B08B 3 /-</b>	2014206508
	<b>A61P 21 /-</b>	2014224975	<b>B01J 23 /-</b>	2015231884	2014267311
2013309319		2015213308			<b>B32B 3 /-</b>
2013350858	2012339722	2015265478	2013331477	<b>B08B 9 /-</b>	2014200554
2015252081		<b>A61P 43 /-</b>	2015251402	2015231884	<b>B32B 7 /-</b>
2016202251	<b>A61P 23 /-</b>		<b>B01J 37 /-</b>	<b>B23K 26 /-</b>	2014200554
<b>A61M 27 /-</b>		2013297532		2013330966	<b>B32B 9 /-</b>
	2015242984	2013309872	2013331477	<b>B23K 37 /-</b>	2014206508
2013320589	<b>A61P 25 /-</b>	2013344514	<b>B01J 39 /-</b>	2015248083	<b>B41M 3 /-</b>
		2013358167		<b>B23P 11 /-</b>	2013276625
<b>A61M 31 /-</b>	2012346448	<b>A61P 5 /-</b>	2015207219	2015248083	<b>B42D 15 /-</b>
	2013319845		<b>B01J 41 /-</b>	<b>B25B 21 /-</b>	2013276625
2014223411	2013344560	2013223715		2016204639	<b>B44C 3 /-</b>
2015249087	2015246090	2013354226	2015207219	<b>B25C 5 /-</b>	2014275187
<b>A61M 37 /-</b>	<b>A61P 27 /-</b>	2013358167	<b>B01J 49 /-</b>	2013286733	<b>B44C 5 /-</b>
		<b>A61P 9 /-</b>		<b>B25J 19 /-</b>	2014275187
2012380342	2012346214	2015259083	<b>B01J 8 /-</b>	2015257687	<b>B60F 1 /-</b>
<b>A61M 39 /-</b>	2014204666	2016201037		2015270477	2013201119
	2016219703	<b>A62B 35 /-</b>	<b>B01L 3 /-</b>	<b>B26D 1 /-</b>	<b>B60L 1 /-</b>
2012321401	<b>A61P 29 /-</b>	2014215721	2014223411	2013245530	2013219221
2013207770		<b>A62C 2 /-</b>	<b>B02C 2 /-</b>	<b>B28B 23 /-</b>	<b>B60L 11 /-</b>
<b>A61M 5 /-</b>	2012262273	2014335924	2014379504	2013299039	<b>B60L 11 /-</b>
	2012336030	<b>A63B 63 /-</b>	2015206780	<b>B29C 41 /-</b>	2013311521
2013216586	2012340519	2015271873	<b>B02C 21 /-</b>	2014200554	<b>B60L 3 /-</b>
2013220537	2013324696	<b>A63B 71 /-</b>		<b>B29C 59 /-</b>	2013311521
2013309319	2015265478	2015271873	2012324783	2013276625	<b>B60T 7 /-</b>
2013322638	2015268626	<b>A63F 1 /-</b>	<b>B05B 11 /-</b>	<b>B29C 67 /-</b>	2016204948
2013326538	<b>A61P 3 /-</b>	2015271873	<b>B05B 13 /-</b>	2015268738	<b>B61D 15 /-</b>
2014223411		<b>A63B 63 /-</b>	2013212250	<b>B29C 70 /-</b>	2012257584
2014373195	2013358167	2015271873	<b>B05B 3 /-</b>	2013285468	2013201119
<b>A61N 1 /-</b>	2015256355	<b>A63F 13 /-</b>	<b>B05B 7 /-</b>	<b>B29D 11 /-</b>	<b>B61D 47 /-</b>
	2016247189	2015218487	2013243224	2012351564	2012257584
2012294368	<b>A61P 31 /-</b>	<b>B01D 1 /-</b>	<b>B05C 5 /-</b>	<b>B29L 23 /-</b>	<b>B61L 5 /-</b>
2012380342		2013326741	2014344805	2013285468	2012211515
2013216586	2011349031	<b>B01D 17 /-</b>	<b>B05B 7 /-</b>	<b>B29L 31 /-</b>	<b>B62B 3 /-</b>
2013294692	2012340712	2013296610	2010206557	2013285468	2014200460
2013296158	2013211833	<b>B01D 53 /-</b>	<b>B05D 1 /-</b>	<b>B32B 15 /-</b>	2012316878
2013363071	2013301451	2013299340	201328794		
2016201035	2013326486	2013354898	2013243224		
2017218934	2014350785	2014237374	<b>B05D 7 /-</b>		
<b>A61N 5 /-</b>	2015268626	2015207219			
	<b>A61P 33 /-</b>	<b>B01D 61 /-</b>	2011382487		
2013223846		2012304993	2013212250		
2015261684	2014342241	2014217502	2013243224		
<b>A61P 1 /-</b>	<b>A61P 35 /-</b>	2015207219	<b>B05D 7 /-</b>		
		<b>B01D 63 /-</b>			
2013297532	2012280222	2014217502			
<b>A61P 11 /-</b>	2013246612	2015207219			
	2013271569	2014217502			
2012358983	2013344560	2015207219			
2012362724	2013346809	2014217502			
2015259083	2014210494	2015207219			
<b>A61P 13 /-</b>	2014224975	2014217502			
	2014282179	2015207219			
2013309872	2015213308	2014217502			
<b>A61P 17 /-</b>	2015252149	2015207219			
	2015255246	2014217502			
2012340519	2015265478	2015207219			
<b>A61P 19 /-</b>	2016201556	2014217502			
	2016202594				
	2016203534				



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<b><u>B62D 57 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>B67D 1 /-</u></b>	2013324696	<b><u>C07D 231 /-</u></b>	2013211646 2013354226 2014204666
2012316878	2013322638 2014366875	2016201126	<b><u>C07C 275 /-</u></b>	2012358983 2012362724 2014204666 2016201037	<b><u>C07D 405 /-</u></b>
<b><u>B62D 6 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>B67D 7 /-</u></b>	2013324696	<b><u>C07C 311 /-</u></b>	2013301451
2016204948	2014255400 2014366875	2013342212	<b><u>C07C 317 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 407 /-</u></b>
<b><u>B62D 63 /-</u></b>	<b><u>B65D 50 /-</u></b>	<b><u>B82Y 5 /-</u></b>	2016201037	2016201037	2015246090
2016204948	2014366875	2013312910	<b><u>C07C 317 /-</u></b>	<b><u>C07D 235 /-</u></b>	<b><u>C07D 409 /-</u></b>
<b><u>B62J 37 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>C02F 1 /-</u></b>	2016201037	2012347637	2013301451 2014204666
2016200483	2014255400	2013326741 2015207219 2015395597	<b><u>C07C 319 /-</u></b>	<b><u>C07D 239 /-</u></b>	2013301451 2014204666
<b><u>B62M 1 /-</u></b>	<b><u>B65D 55 /-</u></b>	<b><u>C02F 101 /-</u></b>	2013357500 2015282544	2013326486 2016201037	<b><u>C07D 413 /-</u></b>
2012201921	2016202329	2015395597	<b><u>C07C 321 /-</u></b>	<b><u>C07D 241 /-</u></b>	2013211646 2014204666 2014342241 2015259083
<b><u>B62M 7 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C02F 103 /-</u></b>	2015282544	2016201037	<b><u>C07D 417 /-</u></b>
2016200483	2016202329	2013326741 2015395597	<b><u>C07C 323 /-</u></b>	<b><u>C07D 249 /-</u></b>	2013301451 2013344560 2014204666
<b><u>B62M 9 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C02F 3 /-</u></b>	2013357500 2016201037 2016201556	2014204666 2016201037	2013301451 2013344560 2014204666
2012201921	2013326538 2014215502	2013240630	<b><u>C07C 327 /-</u></b>	<b><u>C07D 259 /-</u></b>	<b><u>C07D 471 /-</u></b>
<b><u>B63B 13 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C04B 35 /-</u></b>	2012347637	2013344514	2013301451 2013319845 2013358167 2016203274
2014319618	2013311061	2014301579	<b><u>C07C 51 /-</u></b>	<b><u>C07D 265 /-</u></b>	2013301451 2013319845 2013358167 2016203274
<b><u>B63B 25 /-</u></b>	<b><u>B65G 11 /-</u></b>	<b><u>C05C 11 /-</u></b>	2013246612	2013324696	<b><u>C07D 487 /-</u></b>
2015241974	2015268613	2014306883	<b><u>C07C 57 /-</u></b>	<b><u>C07D 273 /-</u></b>	2012353651 2013344514 2013346809 2014224975 2015265478
<b><u>B63B 35 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C07C 1 /-</u></b>	2016201556	2013344514	<b><u>C07D 487 /-</u></b>
2013289838 2014319618	2015268613	2013395317	<b><u>C07C 59 /-</u></b>	<b><u>C07D 277 /-</u></b>	2012353651 2013344514 2013346809 2014224975 2015265478
<b><u>B63J 2 /-</u></b>	<b><u>B65G 21 /-</u></b>	<b><u>C07C 211 /-</u></b>	2013246612 2016201556	2013309872	<b><u>C07D 491 /-</u></b>
2014319618	2012324783	2012347637	<b><u>C07C 9 /-</u></b>	<b><u>C07D 305 /-</u></b>	<b><u>C07D 491 /-</u></b>
<b><u>B65B 11 /-</u></b>	<b><u>B65G 39 /-</u></b>	<b><u>C07C 217 /-</u></b>	2013395317	2012340519	2015252149
2013334151 2013334172	2014272653	2012347637 2016201556	<b><u>C07D 207 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07D 493 /-</u></b>
<b><u>B65B 31 /-</u></b>	<b><u>B65G 67 /-</u></b>	<b><u>C07C 229 /-</u></b>	2014204666 2016201037	2013324696	2014350785 2015246090
2014311278	2015241974	2012347637 2016201556	<b><u>C07D 211 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C07D 498 /-</u></b>
<b><u>B65D 1 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C07C 231 /-</u></b>	2013309872 2013324696	2012347637	2013271569 2013301451 2015252149
2013355934 2014215502 2014245326 2014355546 2014366875 2015254809	2015241974	2013323981	<b><u>C07D 213 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C07D 513 /-</u></b>
<b><u>B65D 19 /-</u></b>	<b><u>B66C 1 /-</u></b>	2013324696	2013324696 2013326486 2016201037	2013324696	2013259892
2014310353	2015248083	<b><u>C07C 235 /-</u></b>	<b><u>C07D 215 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 519 /-</u></b>
<b><u>B65D 23 /-</u></b>	<b><u>B66D 1 /-</u></b>	2013324696	2016201037	2013211646 2013301451 2013324696 2014204666 2014210494 2016203534	2013301451 2013346809 2013358167 2015252149
2016202329	2016204677	<b><u>C07C 237 /-</u></b>	<b><u>C07D 217 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07F 19 /-</u></b>
<b><u>B65D 25 /-</u></b>	<b><u>B66F 17 /-</u></b>	2013323981 2013324696	2012346214 2013290438	2013344514	2013344514
2010206557	2014200460	<b><u>C07C 251 /-</u></b>	<b><u>C07C 255 /-</u></b>		
	<b><u>B66F 9 /-</u></b>	2012347637			
	2013201119				

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<b><u>C07F 5 /-</u></b>	<b><u>C08G 61 /-</u></b>	<b><u>C08L 67 /-</u></b>	2014282179 2015202777 2015203835 2015224521 2015249072 2017204435	<b><u>C23C 30 /-</u></b>	<b><u>E03C 1 /-</u></b>
2012347637	2014285077 2014295896	2014279700		2013243224	2015413723
<b><u>C07H 19 /-</u></b>	<b><u>C08G 69 /-</u></b>	<b><u>C08L 71 /-</u></b>			<b><u>E04B 1 /-</u></b>
2013234303	2015268738	2014411039		<b><u>C23C 4 /-</u></b>	2013261184 2014201988 2014298305
<b><u>C07H 21 /-</u></b>	<b><u>C08G 71 /-</u></b>	<b><u>C09D 175 /-</u></b>	<b><u>C12N 5 /-</u></b>	2013243224	
2013234303 2015249072	2014200554	2014331180	2013211934 2014203150 2015203835	<b><u>C25B 1 /-</u></b>	<b><u>E04B 2 /-</u></b>
<b><u>C07K 14 /-</u></b>	<b><u>C08J 11 /-</u></b>	<b><u>C09J 7 /-</u></b>		2013276596	2013261184 2014201988 2014227749
2011349031 2012285475 2012309417 2012340712 2012355743 2013211833 2013320251 2013344375 2017204435	2014325231	2016200932	<b><u>C12N 7 /-</u></b>	<b><u>C25B 11 /-</u></b>	
	<b><u>C08J 3 /-</u></b>	<b><u>C09J 9 /-</u></b>	2011349031 2012304993	2013265496	<b><u>E04B 9 /-</u></b>
<b><u>C07K 16 /-</u></b>	2014279700 2015268738 2016200413	2016200932	<b><u>C12P 1 /-</u></b>	<b><u>C25B 9 /-</u></b>	2014224215 2014326945
2012280222 2012339722 2013237929 2014203150 2015202410 2015213308 2015230852 2015255246 2016201676 2016202622	<b><u>C08J 5 /-</u></b>	2015240496	2014312110	<b><u>C25D 11 /-</u></b>	<b><u>E04C 2 /-</u></b>
	2014200554 2014267311 2014384605	<b><u>C09K 3 /-</u></b>	<b><u>C12P 19 /-</u></b>	2013261637	2012274886 2013299039 2014227749 2014314116
<b><u>C07K 19 /-</u></b>	<b><u>C08J 9 /-</u></b>	2015240496	2013329153	<b><u>D04H 1 /-</u></b>	
2012280222 2012339722 2013237929 2014203150 2015202410 2015213308 2015230852 2015255246 2016201676 2016202622	<b><u>C08K 3 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C12P 21 /-</u></b>	2013313126 2013321216	<b><u>E04C 3 /-</u></b>
	2015241517	2013296610 2014389475	2012285475 2013344375 2014241891	<b><u>D06C 7 /-</u></b>	2014349300
<b><u>C07K 19 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C10G 2 /-</u></b>	<b><u>C12P 7 /-</u></b>	2013321216	<b><u>E04C 5 /-</u></b>
2011349031	2015241517	2013254623 2015251402	2014203729	<b><u>D21H 13 /-</u></b>	2014349300
<b><u>C07K 4 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2014314116	<b><u>E04D 13 /-</u></b>
2015202777	2015371120 2016200413	2013259544 2014244608 2014282179 2014325231 2015202486 2015203835 2015227127 2015242969 2015264833 2016219703 2016222325		<b><u>E01B 3 /-</u></b>	2013263469
<b><u>C07K 5 /-</u></b>	<b><u>C08K 7 /-</u></b>	2014238435 2015215960	<b><u>C22B 1 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E04D 3 /-</u></b>
2016247189	2014279700	<b><u>C10L 10 /-</u></b>	2013304626 2013389686	2013246716	2012274886
<b><u>C08B 1 /-</u></b>	<b><u>C08L 21 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C22B 11 /-</u></b>	<b><u>E02B 3 /-</u></b>	<b><u>E04F 13 /-</u></b>
2013245244	2015240496	2014364687	2013389686	2014349300	2014203021
<b><u>C08B 11 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C22B 15 /-</u></b>	<b><u>E02D 17 /-</u></b>	<b><u>E04F 15 /-</u></b>
2013245244	2014267311 2014279700 2015371120	2014364687	2013304626 2013389686	2014349300	2013263469
<b><u>C08B 37 /-</u></b>	<b><u>C08L 25 /-</u></b>	<b><u>C12G 1 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E04G 1 /-</u></b>
2013309872	2016200413	2014268161	2013261184	2013261184	2016228041
<b><u>C08F 4 /-</u></b>	<b><u>C08L 33 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>E02D 31 /-</u></b>	<b><u>E02D 31 /-</u></b>	<b><u>E04G 15 /-</u></b>
2014285077	2016200413	2014325231 2015227127	2014349300	2014349300	2012211412
<b><u>C08G 18 /-</u></b>	<b><u>C08L 39 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E04G 17 /-</u></b>
2013357500 2014331180	2016200413	2014286594 2015203835	2013205663 2014200969	2013205663 2014200969	2012211412
<b><u>C08G 59 /-</u></b>	<b><u>C08L 63 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>E02F 5 /-</u></b>	<b><u>E02F 5 /-</u></b>	<b><u>E04G 5 /-</u></b>
2014411039	2014411039	2011349031 2012309417 2012322903 2012340712 2014203150	2013205663	2013205663	2013217754 2016228041
	<b><u>C08L 65 /-</u></b>		<b><u>C22C 38 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E04G 7 /-</u></b>
	2015241517		2014216315	2015268613	2016228041
			<b><u>C23C 24 /-</u></b>		<b><u>E04H 12 /-</u></b>
			2013243224 2013265496		2014298305

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2015271873	<b><u>E21B 44</u></b> /-	<b><u>F04B 15</u></b> /-	<b><u>F16B 9</u></b> /-	<b><u>F23N 3</u></b> /-	<b><u>G01C 15</u></b> /-
<b><u>E05B 65</u></b> /-	2014332306	2013205912	2014227749	2014263407	2013271307
2013214885	<b><u>E21B 47</u></b> /-	<b><u>F04B 35</u></b> /-	<b><u>F16F 1</u></b> /-	<b><u>F23Q 21</u></b> /-	<b><u>G01C 3</u></b> /-
<b><u>E06B 5</u></b> /-	2014273818	2014359381	2015257687	2014357421	2013315687
2014335924	2014284040	<b><u>F04B 39</u></b> /-	<b><u>F16H 1</u></b> /-	<b><u>F23Q 7</u></b> /-	<b><u>G01D 5</u></b> /-
<b><u>E06B 9</u></b> /-	2014379654	2013309319	2014386872	2014357421	2013301494
2013328266	2014398251	<b><u>F04B 41</u></b> /-	<b><u>F16H 13</u></b> /-	<b><u>F24C 15</u></b> /-	<b><u>G01F 23</u></b> /-
<b><u>E21B 10</u></b> /-	2014400779	2014359381	2012229589	2014252686	2013346554
2014332306	<b><u>E21B 49</u></b> /-	<b><u>F04B 49</u></b> /-	<b><u>F16H 55</u></b> /-	<b><u>F24C 7</u></b> /-	<b><u>G01H 3</u></b> /-
<b><u>E21B 12</u></b> /-	2012388219	2014359381	2012201921	2014252686	2016203013
2014379654	2014221434	<b><u>F04B 53</u></b> /-	2014386872	<b><u>F24D 17</u></b> /-	<b><u>G01K 11</u></b> /-
<b><u>E21B 17</u></b> /-	2014332306	2013205912	<b><u>F16K 11</u></b> /-	2013227416	2013301494
2014284040	2016208447	<b><u>F04B 9</u></b> /-	2015231884	<b><u>F24D 19</u></b> /-	<b><u>G01L 1</u></b> /-
2015255258	2013271307	2013205912	<b><u>F16K 17</u></b> /-	2013227416	2013301494
<b><u>E21B 19</u></b> /-	<b><u>E21D 20</u></b> /-	<b><u>F04C 28</u></b> /-	2015413723	2014266808	<b><u>G01L 13</u></b> /-
2013276309	2012339057	2014359381	<b><u>F16K 31</u></b> /-	<b><u>F24F 13</u></b> /-	2014263407
2016208447	<b><u>E21D 21</u></b> /-	<b><u>F04D 13</u></b> /-	2013354888	2015364800	<b><u>G01L 19</u></b> /-
<b><u>E21B 23</u></b> /-	2012339057	2012229589	<b><u>F16K 33</u></b> /-	<b><u>F24F 3</u></b> /-	2014263407
2014391089	<b><u>E21D 3</u></b> /-	<b><u>F04D 25</u></b> /-	2013354888	2013354898	<b><u>G01N 1</u></b> /-
2014391093	2014221434	2014359381	<b><u>F16L 55</u></b> /-	2014377663	<b><u>G01N 11</u></b> /-
2015279426	<b><u>F01D 25</u></b> /-	<b><u>F04D 27</u></b> /-	2013309319	<b><u>F24H 9</u></b> /-	2013300171
<b><u>E21B 29</u></b> /-	2014261404	2014359381	<b><u>F16L 58</u></b> /-	2014263407	<b><u>G01N 21</u></b> /-
2016208447	<b><u>F01M 1</u></b> /-	<b><u>F04D 29</u></b> /-	2013301629	<b><u>F25B 41</u></b> /-	2014278996
<b><u>E21B 31</u></b> /-	2013346716	2012229589	<b><u>F16L 9</u></b> /-	2013299340	<b><u>G01N 27</u></b> /-
2013224833	<b><u>F01M 11</u></b> /-	<b><u>F15B 1</u></b> /-	2013301629	<b><u>F25B 5</u></b> /-	2014223620
<b><u>E21B 33</u></b> /-	2013346716	2013309319	<b><u>F16M 11</u></b> /-	2013299340	<b><u>G01N 30</u></b> /-
2012353016	<b><u>F02C 7</u></b> /-	<b><u>F16B 1</u></b> /-	2015271873	<b><u>F25D 23</u></b> /-	2014278996
2014391089	2014261404	2013220537	<b><u>F16N 19</u></b> /-	2014289478	<b><u>G01N 33</u></b> /-
2015255258	<b><u>F02M 37</u></b> /-	<b><u>F16B 17</u></b> /-	2013346716	<b><u>F25J 3</u></b> /-	2012309417
2015279426	2016200483	2013220537	<b><u>F17C 9</u></b> /-	2016216170	2012348122
<b><u>E21B 37</u></b> /-	<b><u>F02M 39</u></b> /-	<b><u>F16B 2</u></b> /-	2014319618	<b><u>F42D 3</u></b> /-	2014223620
2015284363	2016200483	2013220537	<b><u>F21S 8</u></b> /-	2013377868	2014272810
<b><u>E21B 41</u></b> /-	<b><u>F03D 1</u></b> /-	<b><u>F16B 21</u></b> /-	2016204677	<b><u>F42D 5</u></b> /-	2014278996
2012388219	2013285468	2013220537	<b><u>F21V 21</u></b> /-	2013377868	2014282179
<b><u>E21B 43</u></b> /-	<b><u>F03D 80</u></b> /-	<b><u>F16B 45</u></b> /-	2016204677	<b><u>G01B 11</u></b> /-	2015203835
2012353016	2014331180	2014215721	<b><u>F22B 1</u></b> /-	2013301494	2015227127
2012388219	<b><u>F04B 11</u></b> /-	<b><u>F16B 7</u></b> /-	2015271987	2013315687	2015255246
2014389475	2013309319	2013220537	<b><u>F23J 15</u></b> /-	2013323646	2016222325
2015255258				<b><u>G01B 7</u></b> /-	<b><u>G01N 35</u></b> /-
2015279426				2013271307	2014223620
					<b><u>G01N 9</u></b> /-
					2013346554
					<b><u>G01P 3</u></b> /-



Applications Accepted - IPC Index cont'd

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2014201599

**H04W 64 /-**

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**H05B 37 /-**

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**H05H 1 /-**

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**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-2017100669  
 (21) 2017100669 (22) 31.05.2017  
 (54) Breathing sequence user interface  
 (51) Int. Cl.  
     **A63B 23/18** ( 2006.01 )  
     **G06F 3/048** ( 2013.01 )  
     **G06Q 50/22** ( 2012.01 )  
 (31) 62/348,844 (32) 10.06.16 (33) US  
     15/372,133 07.12.16 US  
 (45) 14.09.2017  
 (72) BLAHNIK, Jay; ARNEY, Julie A.;  
     BEBBINGTON, Samuel H.; BUTCHER,  
     Gary Ian; FENNIS, Jules K.; JENKINS,  
     Monica  
 (74) FPA Patent Attorneys Pty Ltd

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**B66F 11/00** ( 2006.01 )  
**B60S 9/10** ( 2006.01 )  
 (45) 14.09.2017  
 (72) Hill, Malcolm; Harrison, Jonathan;  
     Fashe, Jeremiah  
 (74) LESICAR MAYNARD ANDREWS PTY  
     LTD

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(71) Apple Inc.  
 (11) AU-B-2017100670  
 (21) 2017100670 (22) 31.05.2017  
 (54) User interfaces for retrieving contextually relevant media content  
 (51) Int. Cl.  
     **G06F 3/0488** ( 2013.01 )  
 (31) 15/275,294 (32) 23.09.16 (33) US  
     62/349,109 12.06.16 US  
 (45) 14.09.2017  
 (72) MIURA, Britt S.; BOVET, Simon;  
     BUTCHER, Gary Ian; CIRCLAEYS,  
     Eric; DYE, Alan C.; GOBERA RUBAL-  
     CAVA, Daniel E.; IRANI, Cyrus Daniel;  
     LEMAY, Stephen O.; LANGOULANT,  
     Brendan J.; LOPEZ, Paulo Michaelo;  
     PENHA, Henrique; TITI, Justin S.;  
     WILSON, Christopher  
 (74) FPA Patent Attorneys Pty Ltd

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**Haines, T. see Haines, B.**  
 (21) 2017100340

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(71) Haines, B.; Haines, T.  
 (11) AU-B-2017100340  
 (21) 2017100340 (22) 23.03.2017  
 (54) Refurbishing Drill Rods  
 (51) Int. Cl.  
     **E21B 17/042** ( 2006.01 )  
     **B23P 15/32** ( 2006.01 )  
     **E21B 10/00** ( 2006.01 )  
     **F16L 15/00** ( 2006.01 )  
 (45) 14.09.2017  
 (72) Haines, Todd Andrew; Haines, Bruce  
     William  
 (74) EAGAR & MARTIN PTY LTD

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(71) OPUS RV Pty Ltd  
 (11) AU-B-2013101641  
 (21) 2013101641 (22) 17.12.2013  
 (54) Caravan Jack Adaptor  
 (51) Int. Cl.

**Numerical Index**

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2017100340 Haines, B.; Haines, T.  
2017100669 Apple Inc.  
2017100670 Apple Inc.

**IPC Index**

**A63B 23 /-**

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**B23P 15 /-**

2017100340

**B60S 9 /-**

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**B66F 11 /-**

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**E21B 10 /-**

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**E21B 17 /-**

2017100340

**F16L 15 /-**

2017100340

**G06F 3 /-**

2017100669

2017100670

**G06Q 50 /-**

2017100669



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2012303747 **Virbac** ( Merial Inc )
- 2013210950 **Subsea-Energy Oy** ( Salomaki Oy Patent and Trade-mark Agency )

**Opposition Dismissed**

- 2014256399 **B. Braun Melsungen AG** ( Becton Dickinson and Company )

**Patents Granted**

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20111338995	2011345304	2011351946	2011363446
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2012210481	2012211147	2012215622	2012217685
2012222351	2012223415	2012225180	2012228968
2012229236	2012230392	2012230560	2012231788
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2012317136	2012317424	2012318590	2012318811
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2012328343	2012328524	2012328595	2012334127
2012335374	2012338362	2012338559	2012339911
2012340377	2012340510	2012340952	2012343321
2012344172	2012347415	2012350137	2012351742
2012358370	2012363484	2012364265	2012364278
2012365465	2012366142	2012367264	2012367521
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2013234166	2013237741	2013238990	2013241415
2013243238	2013243805	2013244011	2013245574
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2013284409	2013284979	2013289279	2013295456
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2013366108	2013368990	2013369670	2013376003
2013388105	2013397867	2013399091	2013399116
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2013409442	2013409459	2013409766	2014200397
2014200873	2014201682	2014204954	2014206674
2014207564	2014211319	2014211862	2014212444
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2014219123	2014220474	2014223556	2014239914
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**Patents Granted**

**Standard Patents**

2014267528	2014269061	2014272767	2014272962
2014273193	2014277109	2014278451	2014278601
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2014339280	2014339706	2014348946	2014361443
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2015202019	2015202023	2015202059	2015202080
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2015213320	2015214607	2015215855	2015218564
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2015222764	2015227515	2015227524	2015230727
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2015252840	2015254543	2015255210	2015258227
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**Innovation Patents**

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2017101109	2017101110	2017101112	2017101113
2017101114	2017101115	2017101116	2017101119
2017101120	2017101121	2017101122	

**Revocation**

It is hereby notified that the offer by the Patentee **Schepis, m.** to surrender Patent 2016100551 which was advertised in the Official Journal of 06.07.2017 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

- 2004324515 Seahorse Equipment Corporation The patent has been assigned to **Single Buoy Moorings Inc.**
- 2010244685 Grunenthal GmbH The patent has been assigned to **Medifron DBT Inc.**
- 2013270785 !OBAC Limited; 3M Innovative Properties Company The patent has been assigned to **!OBAC Limited**
- 2014336974 Sileco Pty Ltd The patent has been assigned to **NAVBIT HOLDINGS PTY LTD**
- 2015100702 Graham, Robyn; Hoff, Kara-Racquel The patent has been assigned to **Graham, Robyn**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

2011284702 **Ferring B.V.**

The earliest first regulatory approval date provided by the patentee 31 Mar 2017

For the goods REKOVELLE follitropin delta (rhu)

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

2015210453 **Mundipharma Pty. Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2010

For the goods TARGIN oxycodone hydrochloride / naloxone hydrochloride

Address for service : Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**Extensions granted**

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

2014201676 **Sanofi Pasteur, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Aug 2010

For the goods MENVEO meningococcal (Groups A, C, W-135 and Y) oligosaccharide CRM197

Extension of Term of patent pursuant to Section 77 expires on 06 Aug 2025

**Corrigenda**

In Vol 26 , No 23 , Page(s) 3091 under the heading **Complete Applications Filed - Name Index** Under the name Jinhong Liang, Application No. 2012203266, under INID (31) correct the number to read 211220050004.7

In Vol 27 , No 23 , Page(s) 3546 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name AlderBio Holdings LLC, Application No. 2011336470, under INID (72) correct the co-inventor to Smith, Jeffrey T.L.

In Vol 27 , No 34 , Page(s) 4988 under the heading **Applications OPI - Name Index** Under the name Jinhong Liang, Application No. 2012203266, under INID (31) correct the number to read 211220050004.7

In Vol 31 , No 20 , Page(s) 3026 under the heading **Applications Accepted - Name Index** Under the name City of Hope, Application No. 2011312106, under INID (72) correct the co-inventor to Williams, John C.

In Vol 31 , No 30 , Page(s) 4542 under the heading **Applications Accepted - Name Index** Under the name Jinhong Liang, Application No. 2012203266, under INID (31) correct the number to read 211220050004.7

In Vol 31 , No 32 , Page(s) 4799 under the heading **Applications Accepted - Name Index** Under the name AlderBio Holdings LLC, Applica-

**Corrigenda**

tion No. 2011336470, under INID (72) correct the co-inventor to Smith, Jeffrey T.L.

In Vol 31 , No 32 , Page(s) 4848 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Under the name Ferring B.V., Application No. 2011284702 correct the pharmaceutical goods to read REKOVELLE follitropin delta (rhu)

In Vol 31 , No 33 , Page(s) 4870 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2012** Delete all reference to 2012315953.

In Vol 31 , No 33 , Page(s) 4900 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ABB Technology AG, Application No. 2016215054, under INID (31) correct the number to read 62/112,685

In Vol 31 , No 34 , Page(s) 5050 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Oregon Health & Science University, Application No. 2016219317, under INID (71) add co-applicants Frueh, K.; Picker, L.; Hansen, S.; Sacha, J.

In Vol 31 , No 35 , Page(s) 5155 under the heading **Innovation Patents Filed - Name Index** Under the name Ningbo SiJiuXing Electrical and Mechanical Technology Co., Ltd, Application No. 2017101157, under INID (71) correct the applicant name to Ningbo city Jiangdong Zhixin Electromechanical Design Co., Ltd

In Vol 31 , No 35 , Page(s) 5155 under the heading **Innovation Patents Filed - Name Index** Under the name Ningbo SiJiuXing Electrical and Mechanical Technology Co., Ltd, Application No. 2017101158, under INID (71) correct the applicant name to Ningbo city Jiangdong Zhixin Electromechanical Design Co., Ltd

In Vol 31 , No 35 , Page(s) 5161 under the heading **Amendments - Application for Amendments** Under the name Kit King Kitty Hau, Application No. 2012227244 correct the date of the statements filed to read 17 and 18 Aug 2017

**Specifications Republished**

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

2012217650	<b>Glycosyn LLC</b>
2013269498	<b>Ferrovial Agroman S.A.</b>
2013302827	<b>TG Medwise Ltd.</b>
2013354216	<b>Kingspan Holdings (IRL) Limited</b>
2014204888	<b>FMC Kongsberg Subsea AS</b>
2014348909	<b>Pinterest, Inc.</b>
2014353082	<b>Mars, Incorporated</b>
2015316918	<b>EMBO Medical Limited</b>