



**Australian Government**

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**IP Australia**

**Supplement to the  
AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

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

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

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

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

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

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

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

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Merial, Inc. v Bayer New Zealand Limited* [2018] APO 14

Patent Application: 2014201152

Title: Tablet Formulation

Patent Applicant: Bayer New Zealand Limited

Opponent: Merial, Inc.

Delegate: Dr A. Lim

Decision Date: 22 February 2018

Hearing Date: 09 November 2017 in Melbourne

Catchwords: **PATENTS** – section 59 – opposition to the grant of a patent – opposition governed by the *Patents Act* as amended by the “Raising the Bar” provisions –the specification does not disclose the best method known to the applicant at the filing date of the application – the best method requirement is not satisfied – the evidence does not establish that the work involved in preparing a tablet having improved bioavailability properties would amount to an undue burden –the disclosure in the specification is sufficient – the scope of all the claims correspond with the technical contribution to the art – all the claims are supported –the evidence does not establish any of the claims lack utility – the claims meet the promise as derived from the whole of the specification– a lack of inventive step has not been established – a lack of a manner of manufacture has not been established – the opposition succeeds on the ground of paragraph 40(2)(aa) – opportunity provided to attempt to overcome the deficiencies in the specification.

Representation: Patent attorney for the applicant: Dr Andrew Scott from James & Wells  
Counsel for the opponent: Mr Christian Dimitriadis, SC, Ms Clare Cunliffe  
Patent attorney for the opponent: Dr David Herman from FB Rice

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Cantarella Bros Pty Ltd v Koninklijke Douwe Egberts B.V.* [2018] APO 15

Patent Application: 2009347084

Title: System, method and capsule for preparing a beverage

Patent Applicant: Koninklijke Douwe Egberts B.V.

Opponent: Cantarella Bros Pty Ltd

Delegate: Isaac Tan

Decision Date: 23 February 2018

Hearing Date: 26 September 2017 in Canberra, ACT

Catchwords: **PATENTS** – opposition to the grant of a patent under section 59 – ground of novelty under section 7(1), inventive step under section 7(2), clarity under section 40(3) – consideration of prior art base under section 7(1)(c) for an unpublished priority document under a whole of contents basis – consideration of what constitutes a complete specification under section 88 – lack of novelty established – documents would be ascertained, understood and regarded as relevant - claim 15 lacks an inventive step – claims lack clarity – opposition is successful - opportunity to propose amendments allowed – costs awarded against the Applicant

Representation: **Patent Applicant**  
Tom Cordiner, Counsel  
Robert Finn, patent attorney of Davies Collison Cave

**Opponent:**  
Michael Green SC, Senior Counsel  
Angus Lang, Counsel  
Anna Vandervliet, Senior Associate of Herbert Smith Freehills  
Alister McCowan, Patent Attorney of FPA Patent Attorneys Pty Ltd

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 20 Feb 2018 .

(71) Active Thermal Mass Pty Ltd (21) 2018900579 (22) 23.02.2018 (54) Active Thermal Mass Pty Ltd	(71) Care About Square Pty Ltd (21) 2018900524 (22) 20.02.2018 (54) METHOD AND SYSTEM FOR SETTING OUT A RIGHT ANGLE	(71) Ex Nihilo Innovo IP Pty Ltd (21) 2018900519 (22) 19.02.2018 (54) ROLLATOR APPARATUS
(71) Advanced Hybrid Pty Ltd (21) 2018900532 (22) 20.02.2018 (54) Motor generator device with integrated constantly variable transmission	(71) Chameleon Innovations Australia (CIA) Pty Ltd (21) 2018900526 (22) 20.02.2018 (54) Method for Article Authentication	(71) Fire & Security Hardware Pty Ltd (21) 2018900578 (22) 23.02.2018 (54) AN IMPROVED POSITION MONITORING DEVICE
(71) Altech Chemicals Australia Pty Ltd (21) 2018900572 (22) 22.02.2018 (54) A METHOD FOR THE PREPARATION OF ALUMINA	(71) Chappell, J. (21) 2018900566 (22) 22.02.2018 (54) DEVICE FOR MANIPULATING BEDDING	(71) Flexco (Aust) Pty. Ltd. (21) 2018900529 (22) 20.02.2018 (54) A scraper for a conveyor belt
(71) Beattie, C. (21) 2018900522 (22) 19.02.2018 (54) ADVERTISING SIGN	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2018900531 (22) 20.02.2018 (54) METHOD, SYSTEM AND APPARATUS FOR COLLECTING AND CONCENTRATING RADIANT ENERGY FROM A SOURCE	(71) Fruit Master Australia Pty Ltd (21) 2018900530 (22) 20.02.2018 (54) Method, System and Apparatus for Perishable Food Products
(71) Boogert, F.M.T. (21) 2018900554 (22) 21.02.2018 (54) Mural	(71) Dane Pty Ltd (21) 2018900563 (22) 22.02.2018 (54) BAKING TRAY AND BLANK FOR A BAKING TRAY	(71) GEE Advanced Technologies Pty Ltd (21) 2018900511 (22) 19.02.2018 (54) A Lighting System
(71) Borecam Asia Pte Ltd (21) 2018900517 (22) 19.02.2018 (54) METHOD OF OBTAINING BOREHOLE AND CORE ORIENTAITON MEASUREMENTS IN A SINGLE RUN AND APPARATUS FOR PERFORMING THE METHOD	(71) Dezinal Pty Ltd (21) 2018900576 (22) 23.02.2018 (54) Sunblade Bracket	(71) HaemaLogiX Pty Ltd (21) 2018900534 (22) 20.02.2018 (54) Composition and method
(71) Breville Pty Limited (21) 2018900518 (22) 19.02.2018 (54) Wine decanter	(71) Dimoulas, B. (21) 2018900540 (22) 20.02.2018 (54) Inflatable PVC beach pillow with an attached flap that can be secured by burying in sand (or any other type of soil, pebbles etc.) to prevent it being blown away or lost.The pillow itself will be low with a slight taper - the low side will be on the end that the flap is attached to. Pillow is fairly small and can be inflated easily by mouth.	<b>Hebbermann, T. see Hebbermann, G.</b> (21) 2018900567
(71) Bucceri, A. (21) 2018900545 (22) 21.02.2018 (54) A game set with cover and rotating rod to connect to a mobile phone		(71) Hebbermann, G.; Hebbermann, T. (21) 2018900567 (22) 22.02.2018 (54) Process and Plant for Biomass Transformation
		(71) Huntley, S. (21) 2018900573 (22) 22.02.2018 (54) An Adaptive and Adaptable Message Display System

Provisional Applications Filed - Name Index cont'd

(71) Intelligent Drilling Applications & Technologies (IDAT) Pty Ltd  
 (21) 2018900521 (22) 19.02.2018  
 (54) Drill Rod Handling Apparatus

(71) JACOBS GREEN TECHNOLOGIES PTY. LTD.  
 (21) 2018900506 (22) 18.02.2018  
 (54) Banana Grader and Sorter

(71) Jalaluddin, S.  
 (21) 2018900523 (22) 19.02.2018  
 (54) System of Augmented Information Delivery for Video Content

(71) KAMBOURIS, A.  
 (21) 2018900561 (22) 22.02.2018  
 (54) SYSTEMS AND METHODS FOR THE PREPARATION OF PLANT DERIVED PRODUCTS USING OSMOSIS TECHNIQUES

(71) Kevin Gerard Jolley & Emily Jayne Thorvaldsson  
 (21) 2018900574 (22) 22.02.2018  
 (54) The Bayonette Female Fit Combat Vest is designed to fully accommodate the female form within a combat load-carrying vest for use in military or security environments.

(71) Kilby, M.  
 (21) 2018900541 (22) 21.02.2018  
 (54) A portable pressure cleaning device for shavers

(71) larkin, b.  
 (21) 2018900546 (22) 21.02.2018  
 (54) VAPOUR INSERTS IN INNER SOLE

(71) Lawless, M.  
 (21) 2018900556 (22) 21.02.2018  
 (54) Head Lice Applicator

(71) LHM Innovations Pty Ltd  
 (21) 2018900543 (22) 21.02.2018  
 (54) Fluid collection device

(71) Matthews, N.  
 (21) 2018900617 (22) 22.02.2018  
 (54) Dump Trucks

(71) Matthews, N.  
 (21) 2018900618 (22) 22.02.2018  
 (54) Veriable Surface & Shapes, Production & a Material

(71) Matthews, N.  
 (21) 2018900620 (22) 22.02.2018  
 (54) An Improved Wheel

(71) Matthews, N.  
 (21) 2018900623 (22) 22.02.2018  
 (54) Variable, Any Type Vehical

(71) Matthews, N.  
 (21) 2018900625 (22) 22.02.2018  
 (54) Variable Marine Craft No. 10

(71) McCabe, M.  
 (21) 2018900507 (22) 18.02.2018  
 (54) Carbon Standard Asset Obligation

(71) McGurgan, D.  
 (21) 2018900516 (22) 19.02.2018  
 (54) Self Closing Vent

(71) Meder, J.  
 (21) 2018900542 (22) 21.02.2018  
 (54) A fixed or removable Locating / Positioning device for clamping between two surfaces

(71) Mellor, P.  
 (21) 2018900509 (22) 18.02.2018  
 (54) SYSTEM FOR BIOLOGICAL SPECIMEN IDENTIFICATION AND USAGE IN A PROCESS DATA NETWORK

(71) Mesoblast International Sarl  
 (21) 2018900551 (22) 21.02.2018  
 (54) Potency assay for immunosuppression II

(71) MSP Innovations Pty Ltd  
 (21) 2018900559 (22) 22.02.2018  
 (54) Wheelbarrow Compartment Assembly

(71) Murphy, N.  
 (21) 2018900568 (22) 22.02.2018  
 (54) Method of Casting

(71) Nelson, P.  
 (21) 2018900502 (22) 16.02.2018  
 (54) APPARATUS

(71) NewSouth Innovations Pty Limited  
 (21) 2018900539 (22) 20.02.2018  
 (54) Nanoparticle and its use as a water-splitting catalyst

Nyst, M. see Nyst, H.  
 (21) 2018900535

(71) Nyst, H.; Nyst, M.; Raineri, A.; Raineri, R.  
 (21) 2018900535 (22) 20.02.2018  
 (54) A STRUCTURAL SUPPORT MEMBER AND METHODS OF FORMING AND USE THEREOF

(71) ParcelTools Pty Limited  
 (21) 2018900544 (22) 21.02.2018  
 (54) Tape Measure

(71) PMSW Research Pty Ltd  
 (21) 2018900570 (22) 22.02.2018  
 (54) Anterior cruciate ligament reconstruction procedures and instrumentation therefor

(71) Queensland University of Technology  
 (21) 2018900513 (22) 19.02.2018  
 (54) METHOD AND SYSTEM FOR CALIBRATING AN OPHTHALMIC IMAGER

Raineri, A. see Nyst, H.  
 (21) 2018900535

Raineri, R. see Nyst, H.  
 (21) 2018900535

(71) Randall, S.  
 (21) 2018900548 (22) 21.02.2018  
 (54) A Drinking Vessel Holder

(71) Reddy, G.  
 (21) 2018900508 (22) 18.02.2018  
 (54) Roofing System

(71) Rodgers, T.  
 (21) 2018900564 (22) 22.02.2018  
 (54) SECURE COVER FOR LUGGAGE

(71) Rogers, P.  
 (21) 2018900538 (22) 20.02.2018  
 (54) GYM WEIGHT LOADING SYSTEM

(71) RUSSELL, J.W.  
 (21) 2018900557 (22) 21.02.2018  
 (54) Fibre Bragg Grating Musical Instrument Digital Interface (MIDI) controller for stringed instruments.

(71) SAUNDERS, M.  
 (21) 2018900569 (22) 22.02.2018  
 (54) Action camera harness

(71) ScalaMed Pty Ltd  
 (21) 2018900562 (22) 22.02.2018  
 (54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD

Provisional Applications Filed - Name Index cont'd

FOR DETERMINING FULFILMENT OF AN OBLIGATION TO A USER

(71) Shillito Pty Ltd  
(21) 2018900558 (22) 22.02.2018  
(54) WATER HEATER ASSEMBLY

Smith, N. see Smith, F.  
(21) 2018900552

(71) Smith, F.; Smith, N.  
(21) 2018900552 (22) 21.02.2018  
(54) Hair styler

(71) SOLACLAD PTY LTD  
(21) 2018900515 (22) 19.02.2018  
(54) Solaclad is a GEN 3 nanotechnology based solar energy collection and storage system – opaque, translucent or transparent, surface applied or integral – suitable for a wide range of applications including all built environments and surfaces.

(71) South Cove Limited as trustee of the South Cove Trust  
(21) 2018900512 (22) 19.02.2018  
(54) EXTRACTION OF HYDROCARBON MATERIALS FROM KEROGEN-BEARING COAL

(71) Spark, I.  
(21) 2018900510 (22) 19.02.2018  
(54) Improved Off Road Vehicle

(71) Sweeney, M.  
(21) 2018900555 (22) 21.02.2018  
(54) Improvements in containers, and the sealing mechanism of containers, and the anti-tampering and anti-counterfeit features of containers

(71) T.O.M.S International Pty. Ltd.  
(21) 2018900536 (22) 20.02.2018  
(54) Passenger Management

(71) Taouk, A.  
(21) 2018900514 (22) 19.02.2018  
(54) IMPROVED HAND-HELD BEVERAGE CONTAINER WITH BUILT-IN STORAGE COMPARTMENT

(71) THE O'KEEFFE INVENTIT TRUST  
(21) 2018900537 (22) 20.02.2018  
(54) Hit-Wrech. A combination of a Hammer and Adjustable Wrench

(71) Thomsen, P.  
(21) 2018900575 (22) 23.02.2018  
(54) Valve for a Dispenser, Dispensing Pouch and Method of forming the Same

(71) Trang Imagineering Pty Ltd  
(21) 2018900527 (22) 20.02.2018  
(54) A PORTABLE REFRIGERATION UNIT AND ASSOCIATED METHOD

(71) Tripletail Pty Ltd  
(21) 2018900525 (22) 20.02.2018  
(54) Bicycle Bell

(71) UFP Holdings Pty Ltd  
(21) 2018900577 (22) 23.02.2018  
(54) Support Assembly

(71) Walker, F.  
(21) 2018900520 (22) 19.02.2018  
(54) Internal Combustion Engine

(71) WALSH, P.W.  
(21) 2018900533 (22) 20.02.2018  
(54) A compressible/collapsible and adjustable vessel treatment device with cuff tensioner for a vessel or sac wall treatment and a cardiac assist device

(71) Wear Systems Solutions Pty Ltd  
(21) 2018900553 (22) 21.02.2018  
(54) CONVEYOR BELT WEAR ASSESSMENT AND CONVEYOR BELT COATING

(71) Woodstock Management Pty Ltd  
(21) 2018900528 (22) 20.02.2018  
(54) Endoluminal prosthesis

(71) WOORIM PTY LIMITED  
(21) 2018900547 (22) 18.02.2018  
(54) METHOD AND APPARATUS FOR SEPARATING DRILL CUTTINGS FROM DRILL MUD

(71) Wyeth Media Services Pty Ltd  
(21) 2018900571 (22) 22.02.2018  
(54) A Compact Kitchen Assembly

(71) ZELEKE, H.  
(21) 2018900565 (22) 22.02.2018  
(54) Apparel renting arrangement and method

(71) Zero Discharge Pty Ltd  
(21) 2018900549 (22) 21.02.2018  
(54) Method of storing harvested products

(71) Zero Discharge Pty Ltd  
(21) 2018900550 (22) 21.02.2018  
(54) Method of growing harvestable products

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2018900502	Nelson, P.	2018900572	Altech Chemicals Australia Pty Ltd
2018900506	JACOBS GREEN TECHNOLOGIES PTY. LTD.	2018900573	Huntley, S.
2018900507	McCabe, M.	2018900574	Kevin Gerard Jolley & Emily Jayne Thorvaldsson
2018900508	Reddy, G.	2018900575	Thomsen, P.
2018900509	Mellor, P.	2018900576	Dezinal Pty Ltd
2018900510	Spark, I.	2018900577	UFP Holdings Pty Ltd
2018900511	GEE Advanced Technologies Pty Ltd	2018900578	Fire & Security Hardware Pty Ltd
2018900512	South Cove Limited as trustee of the South Cove Trust	2018900579	Active Thermal Mass Pty Ltd
2018900513	Queensland University of Technology	2018900617	Matthews, N.
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2018900518	Breville Pty Limited		
2018900519	Ex Nihilo Innovo IP Pty Ltd		
2018900520	Walker, F.		
2018900521	Intelligent Drilling Applications & Technologies (IDAT) Pty Ltd		
2018900522	Beattie, C.		
2018900523	Jalaluddin, S.		
2018900524	Care About Square Pty Ltd		
2018900525	Tripletail Pty Ltd		
2018900526	Chameleon Innovations Australia (CIA) Pty Ltd		
2018900527	Trang Imagineering Pty Ltd		
2018900528	Woodstock Management Pty Ltd		
2018900529	Flexco (Aust) Pty. Ltd.		
2018900530	Fruit Master Australia Pty Ltd		
2018900531	Commonwealth Scientific and Industrial Research Organisation		
2018900532	Advanced Hybrid Pty Ltd		
2018900533	WALSH, P.W.		
2018900534	HaemaLogiX Pty Ltd		
2018900535	Nyst, H.; Nyst, M.; Raineri, A.; Raineri, R.		
2018900536	T.O.M.S International Pty. Ltd.		
2018900537	THE O'KEEFFE INVENTIT TRUST		
2018900538	Rogers, P.		
2018900539	NewSouth Innovations Pty Limited		
2018900540	Dimoulas, B.		
2018900541	Kilby, M.		
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2018900550	Zero Discharge Pty Ltd		
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2018900552	Smith, F.; Smith, N.		
2018900553	Wear Systems Solutions Pty Ltd		
2018900554	Boogert, F.M.T.		
2018900555	Sweeney, M.		
2018900556	Lawless, M.		
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2018900561	KAMBOURIS, A.		
2018900562	ScalaMed Pty Ltd		
2018900563	Dane Pty Ltd		
2018900564	Rodgers, T.		
2018900565	ZELEKE, H.		
2018900566	Chappell, J.		
2018900567	Hebbermann, G.; Hebbermann, T.		
2018900568	Murphy, N.		
2018900569	SAUNDERS, M.		
2018900570	PMSW Research Pty Ltd		
2018900571	Wyeth Media Services Pty Ltd		



**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Feb 2018 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<p>(71) 4SC Discovery GmbH (21) 2018201275 (22) 22.02.2018 (54) Bifluorodioxalane-amino-benzimidazole kinase inhibitors for the treatment of cancer, autoimmune inflammation and CNS disorders (62) 2013283318</p>	<p>(71) Amgen Inc. (21) 2018201242 (22) 21.02.2018 (54) Anti-activin A antibodies and uses thereof (62) 2016219676</p>	<p>(54) Improved Rim Latch for Attachment to a Movable Barrier (31) 2017900586 (32) 22.02.17 (33) AU</p>
<p>(71) A.C.N. 616 302 106 Proprietary Limited (21) 2018201289 (22) 22.02.2018 (54) A MACHINE AND PROCESS FOR TAMPING COFFEE (31) 2017900595 (32) 22.02.17 (33) AU 62/535,102 20.07.17 US</p>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2018201238 (22) 21.02.2018 (54) System for counting quantity of game tokens (31) 2017-045443 (32) 21.02.17 (33) JP</p>	<p>(71) Ballance Agri-Nutrients Limited (21) 2018201274 (22) 22.02.2018 (54) FREE FLOW FERTILISERS (62) 2016244348</p>
<p>(71) AADIGEN, LLC (21) 2018201241 (22) 21.02.2018 (54) MULTI-TARGET MODULATION FOR TREATING FIBROSIS AND INFLAMMATORY CONDITIONS (62) 2013262972</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018201156 (22) 16.02.2018 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2016202315</p>	<p><b>Banyan Biomarkers, Inc. see The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.</b> (21) 2018201249</p>
<p>(71) Accenture Global Solutions Limited (21) 2018201268 (22) 21.02.2018 (54) AUTOMATIC ANALYSIS OF A TECHNICAL CAPABILITY (31) 15/446,605 (32) 01.03.17 (33) US</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018201214 (22) 20.02.2018 (54) GAMING SYSTEM AND METHOD WITH WAGER VARIABILITY (62) 2016202539</p>	<p>(71) BASF Agrochemical Products B.V. (21) 2018201262 (22) 21.02.2018 (54) Herbicidal mixtures comprising imazethapyr, imazamox and fomesafen, sulfentrazone or bentazone (62) 2015205701</p>
<p>(71) Acedem Pty Ltd (21) 2018201312 (22) 22.02.2018 (54) SITE REHABILITATION MATTING (31) 2017900592 (32) 22.02.17 (33) AU</p>	<p>(71) ARTlife Solutions Pty Ltd (21) 2018201311 (22) 22.02.2018 (54) A system and method for sorting digital images</p>	<p>(71) Beiersdorf AG (21) 2018201197 (22) 20.02.2018 (54) Water-resistant, sprayable sunscreen (31) 10 2017 202 838.6 (32) 22.02.17 (33) DE</p>
<p>(71) Adobe Systems Incorporated (21) 2018201319 (22) 23.02.2018 (54) FLOW-BASED ORNAMENTAL ELEMENT PACKING (31) 15/589,223 (32) 08.05.17 (33) US</p>	<p>(71) ArvinMeritor Technology, LLC (21) 2018201255 (22) 21.02.2018 (54) Assembly having a clutch collar and method of manufacture (31) 15/471,541 (32) 28.03.17 (33) US</p>	<p>(71) BioAtla, LLC (21) 2018201159 (22) 16.02.2018 (54) Multi-specific monoclonal antibodies (62) 2013259276</p>
<p>(71) Alcoa USA Corp (21) 2018201271 (22) 21.02.2018 (54) Method for expanding the diameter of a metal container (62) 2016203647</p>	<p>(71) ARZEDA CORP. (21) 2018201168 (22) 16.02.2018 (54) FERMENTATION ROUTE FOR THE PRODUCTION OF LEVULINIC ACID, LEVULINATE ESTERS, VALEROLACTONE, AND DERIVATIVES THEREOF (62) 2016206395</p>	<p>(71) BioNTech Cell &amp; Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz (21) 2018201252 (22) 21.02.2018 (54) Antigen-specific T cell receptors and T cell epitopes (62) 2016206329</p>
<p>(71) Altaviz, LLC (21) 2018201158 (22) 16.02.2018 (54) Intraocular Gas Injector (62) 2013274203</p>	<p>(71) ASSA ABLOY Australia Pty Limited (21) 2018201300 (22) 22.02.2018</p>	<p>(71) Biosense Webster (Israel) Ltd. (21) 2018201221 (22) 20.02.2018 (54) 3-D ELECTROPHYSIOLOGY HEART SIMULATION SYSTEM AND RELATED METHODS (31) 15/633,224 (32) 26.06.17 (33) US 62/468,283 07.03.17 US</p>
		<p>(71) Biosense Webster (Israel) Ltd. (21) 2018201222 (22) 20.02.2018</p>

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(54) ELECTRODE ASSEMBLY HAVING SPINES WITH CONTROLLED FLEXIBILITY  
(31) 15/454,775 (32) 09.03.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201223 (22) 20.02.2018  
(54) LENS IN BALLOON CATHETER  
(31) 15/444,521 (32) 28.02.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201224 (22) 20.02.2018  
(54) LOW COST PLANAR SPRING FOR FORCE SENSOR  
(31) 15/452,865 (32) 08.03.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201225 (22) 20.02.2018  
(54) REMOTE CONTROL AND INTERACTION WITH IMPLANTED DEVICES  
(31) 15/447,449 (32) 02.03.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201226 (22) 20.02.2018  
(54) AUTOMATIC TRACKING AND ADJUSTMENT OF THE VIEW ANGLE DURING CATHETER ABLATION TREATMENT  
(31) 15/451,484 (32) 07.03.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201245 (22) 21.02.2018  
(54) HIGHLIGHTING AN ELECTRODE IMAGE ACCORDING TO AN ELECTRODE SIGNAL  
(31) 15/442,895 (32) 27.02.17 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2018201247 (22) 21.02.2018  
(54) REDUCED SIZE FORCE SENSOR  
(31) 15/452,843 (32) 08.03.17 (33) US

BioTime, Inc. see The Regents of the University of California  
(21) 2018201206

(71) Bioerativ Therapeutics Inc.  
(21) 2018201163 (22) 16.02.2018  
(54) Chimeric Factor VIII Polypeptides and Uses Thereof  
(62) 2016202875

(71) Blechinger, G.  
(21) 2018201240 (22) 21.02.2018  
(54) PORTABLE BULK MATERIAL CONVEYOR WITH ARRANGEMENT FOR POSITIONING DISCHARGE  
(31) 62/519,262 (32) 01.06.17 (33) US  
62/462,100 22.02.17 US

(71) Brilliant Lighting (Aust) Pty Ltd  
(21) 2018201157 (22) 16.02.2018  
(54) A Fan

(71) BRISTOL-MYERS SQUIBB COMPANY  
(21) 2018201273 (22) 22.02.2018  
(54) FIBRONECTIN BASED SCAFFOLD DOMAIN PROTEINS THAT BIND TO MYOSTATIN  
(62) 2013315482

(71) Calbah Industries Pty Ltd  
(21) 2018201161 (22) 16.02.2018  
(54) Portable Barrier

(71) CareFusion 303, Inc.  
(21) 2018201181 (22) 19.02.2018  
(54) Closed male luer device for use with needleless access devices  
(62) 2015238838

(71) Caterpillar Inc.  
(21) 2018201213 (22) 20.02.2018  
(54) COMMAND FOR UNDERGROUND  
(31) 15/452,329 (32) 07.03.17 (33) US

(71) CDE Global Limited  
(21) 2018201257 (22) 21.02.2018  
(54) METHOD AND APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE  
(31) 1703226.9 (32) 28.02.17 (33) GB

(71) CDE Global Limited  
(21) 2018201259 (22) 21.02.2018  
(54) APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE  
(31) 1703950.4 (32) 13.03.17 (33) GB

(71) Chapin Manufacturing, Inc  
(21) 2018201194 (22) 20.02.2018  
(54) Fluid injection system  
(31) 15/807,265 (32) 08.11.17 (33) US

(71) Cherneski, J.  
(21) 2018201212 (22) 20.02.2018  
(54) Construction of a gripping fabric  
(62) 2016204846

(71) Coloplast A/S  
(21) 2018201323 (22) 23.02.2018  
(54) A luminal prosthesis and a gastrointestinal implant device  
(62) 2012357751

(71) Conventus Orthopaedics Inc.  
(21) 2018201309 (22) 22.02.2018  
(54) Apparatus and Methods for Fracture Repair  
(62) 2015203145

(71) Cooper-Atkins Corporation  
(21) 2018201272 (22) 22.02.2018  
(54) Sanitization protocol monitoring/compliance systems, apparatuses, methods, and software  
(62) 2012321152

(71) Covidien LP  
(21) 2018201246 (22) 21.02.2018  
(54) Stent delivery system  
(31) 15/897,731 (32) 15.02.18 (33) US  
62/491,798 28.04.17 US

(71) CROWN EQUIPMENT CORPORATION  
(21) 2018201244 (22) 21.02.2018  
(54) Information system for industrial vehicles  
(62) 2017203443

(71) Culligan International Company  
(21) 2018201327 (22) 23.02.2018  
(54) CONTROL VALVE ASSEMBLY FOR FLUID TREATMENT APPARATUS  
(31) 62/464,962 (32) 28.02.17 (33) US

(71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation D/B/A Massachusetts General Hospital  
(21) 2018201195 (22) 20.02.2018  
(54) Isolation and use of human lymphoid organ-derived suppressive stromal cells  
(62) 2013235600

(71) Deere & Company  
(21) 2018201178 (22) 19.02.2018  
(54) Clamp coupler for work lines  
(31) 15/460,896 (32) 16.03.17 (33) US

(71) DEKA Products Limited Partnership  
(21) 2018201251 (22) 21.02.2018  
(54) Infusion system with peristaltic pump  
(62) 2018200015

Deutsche Institute für Textil- und Faserforschung Denkendorf see Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.  
(21) 2018201182

(71) E. I. du Pont de Nemours and Company  
(21) 2018201150 (22) 16.02.2018  
(54) FOAM-FORMING COMPOSITIONS CONTAINING AZEOTROPIC OR AZEOTROPE-LIKE MIXTURES CONTAINING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND THEIR USES IN THE PREPARATION OF POLYISOCYANATE-BASED FOAMS  
(62) 2016200022

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<p>(71) Elcelyx Therapeutics, Inc. (21) 2018201308 (22) 22.02.2018 (54) Biguanide compositions and methods of treating metabolic disorders (62) 2012363873</p>	<p>(54) Misoprostol formulation (62) 2013294956</p>	<p>(71) HEE Solar, L.L.C. (21) 2018201184 (22) 19.02.2018 (54) BI- AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES (62) 2015349902</p>
<p>(71) Electrolux Appliances Aktiebolag (21) 2018201173 (22) 19.02.2018 (54) A Door for a Microwave Appliance (62) 2014224904</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2018201175 (22) 19.02.2018 (54) MEDICAL COMPONENTS WITH MICROSTRUCTURES FOR HUMIDIFICATION AND CONDENSATE MANAGEMENT (62) 2013281354</p>	<p>(71) Henke-Sass Wolf GmbH (21) 2018201263 (22) 21.02.2018 (54) Bottle holder for a syringe (31) 102017106149.5 (32) 22.03.17 (33) DE</p>
<p>(71) Elekta, Inc. (21) 2018201316 (22) 23.02.2018 (54) MOTION MANAGEMENT IN MRI-GUIDED LINAC (62) 2015360825</p>	<p>(71) FMC Corporation (21) 2018201293 (22) 22.02.2018 (54) Alginate coating for seed treatment (62) 2014342393</p>	<p>(71) Hill Phoenix, Inc. (21) 2018201196 (22) 20.02.2018 (54) Systems and methods for pressure control in a CO2 Refrigeration System (62) 2014259950</p>
<p>(71) Elevare Energy IP Pty Ltd (21) 2018201166 (22) 16.02.2018 (54) Electrical supply system (62) 2013350321</p>	<p>(71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.; Deutsche Institute für Textil- und Faserforschung Denckendorf (21) 2018201182 (22) 19.02.2018 (54) MARKING COMPOSITION (62) 2014209945</p>	<p>(71) Hitachi Construction Machinery, Co., Ltd. (21) 2018201164 (22) 16.02.2018 (54) Road-shoulder-detecting system and transportation vehicle for mining (62) 2015254491</p>
<p>(71) Enguita, S. (21) 2018201266 (22) 21.02.2018 (54) Utility tool (31) 15/479,267 (32) 04.04.17 (33) US</p>	<p>(71) Fujitsu General Limited (21) 2018201314 (22) 23.02.2018 (54) Outdoor unit of air conditioner (31) JP2017-049400 (32) 15.03.17 (33) JP</p>	<p>(71) Holicom Film Limited (21) 2018201174 (22) 19.02.2018 (54) Method and System for Filming (62) 2015202403</p>
<p>(71) Epizyme, Inc. (21) 2018201176 (22) 19.02.2018 (54) INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF (62) 2013232229</p>	<p>(71) GENENTECH, INC. (21) 2018201301 (22) 22.02.2018 (54) Prevention of disulfide bond reduction during recombinant production of polypeptides (62) 2016213727</p>	<p>(71) Hunter Douglas Inc. (21) 2018201258 (22) 21.02.2018 (54) Cordless retractable roller shade for window coverings (62) 2012300285</p>
<p>(71) Erytech Pharma (21) 2018201237 (22) 21.02.2018 (54) Pharmaceutical composition comprising erythrocytes encapsulating a PLP-dependent enzyme and its cofactor (62) 2015217045</p>	<p>(71) General Electric Company (21) 2018201149 (22) 16.02.2018 (54) A HYBRID MOTOR AND AN ASSOCIATED METHOD THEREOF (31) 15/434,148 (32) 16.02.17 (33) US</p>	<p>(71) Hurst, M. (21) 2018201324 (22) 23.02.2018 (54) An insulation spacer assembly (31) 2017900821 (32) 09.03.17 (33) AU</p>
<p>(71) Facebook, Inc. (21) 2018201218 (22) 20.02.2018 (54) Referral program for businesses (62) 2012316659</p>	<p>(71) Glen Dimplex Americas Limited (21) 2018201220 (22) 20.02.2018 (54) FLAME SIMULATING ASSEMBLY WITH FLICKER ELEMENT INCLUDING PADDLE ELEMENTS (31) 15/444,994 (32) 28.02.17 (33) US</p>	<p>(71) Infineum International Limited (21) 2018201209 (22) 20.02.2018 (54) Improvements in and relating to lubricating compositions (31) 17157432.0 (32) 22.02.17 (33) EP</p>
<p>(71) Facebook, Inc. (21) 2018201315 (22) 23.02.2018 (54) Positioning of components in a user interface (62) 2014331868</p>	<p>(71) Graco Minnesota Inc. (21) 2018201230 (22) 21.02.2018 (54) REMOVABLE PISTON ROD SLEEVE FOR FLUID PUMP (31) 62/461,575 (32) 21.02.17 (33) US</p>	<p>(71) JLG Industries, Inc. (21) 2018201310 (22) 22.02.2018 (54) OBSTACLE DETECTION SYSTEM FOR AN AERIAL WORK PLATFORM (31) 62/466,501 (32) 03.03.17 (33) US</p>
<p>(71) Fero Strata Systems Pty Ltd (21) 2018201286 (22) 22.02.2018 (54) Drill bit for a drill assembly Including a friction bolt (62) 2013251196</p>	<p>(71) GU, Z. (21) 2018201419 (22) 27.02.2018 (54) Multi-Buffering Safety Helmet (31) 2017106937257 (32) 14.08.17 (33) CN 2017204092393 18.04.17 CN 2017203061307 27.03.17 CN</p>	<p>(71) Joe Santa &amp; Associates Pty Limited (21) 2018201288 (22) 22.02.2018 (54) Pressurised fluid driven diaphragm pump assembly (62) 2014387814</p>
<p>(71) Ferring B.V. (21) 2018201139 (22) 16.02.2018</p>	<p>(71) Johnson &amp; Johnson Vision Care, Inc. (21) 2018201177 (22) 19.02.2018</p>	

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- (54) METHODS AND APPARATUS FOR ELECTROACTIVE VARIABLE APERTURE LENSES  
 (31) 62/466,464 (32) 03.03.17 (33) US  
 15/876,337 22.01.18 US
- 
- (71) Joy MM Delaware, Inc.  
 (21) 2018201186 (22) 19.02.2018  
 (54) Winch drum tension isolation system  
 (31) 62/462,533 (32) 23.02.17 (33) US
- 
- (71) Kabushiki Kaisha Toshiba  
 (21) 2018201185 (22) 19.02.2018  
 (54) Carbon dioxide absorbent and apparatus of separating and recovering carbon dioxide  
 (31) 2017- 181749 (32) 21.09.17 (33) JP
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- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
 (21) 2018201191 (22) 19.02.2018  
 (54) Operation plan creating apparatus, operation plan creating method, and operation plan creating program  
 (31) 2017-140287 (32) 19.07.17 (33) JP
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- (71) Kala Pharmaceuticals, Inc.  
 (21) 2018201215 (22) 20.02.2018  
 (54) Pharmaceutical nanoparticles showing improved mucosal transport  
 (62) 2013256092
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- (71) Kalkman IP B.V.  
 (21) 2018201265 (22) 21.02.2018  
 (54) Walkway installation, as well as a vessel with such a walkway installation  
 (62) 2014334997
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- (71) Karanicolos, C.  
 (21) 2018201256 (22) 21.02.2018  
 (54) An Apparatus And Method Of Use Thereof  
 (31) 2017901279 (32) 07.04.17 (33) AU
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- (71) Klevaklip Systems Pty Ltd  
 (21) 2018201248 (22) 21.02.2018  
 (54) A Decking Clip  
 (31) 2017900570 (32) 21.02.17 (33) AU
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- (71) Kleynhans, L.  
 (21) 2018201188 (22) 19.02.2018  
 (54) A Splint  
 (31) 729715 (32) 03.03.17 (33) NZ
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- (71) Knight, R.  
 (21) 2018201229 (22) 21.02.2018  
 (54) A ROOF OVERFLOW  
 (62) 2014240279
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- (71) Lock Antriebstechnik GmbH  
 (21) 2018201148 (22) 16.02.2018
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- (54) CANOPY DEVICE  
 (31) 20 2017 107 842.6 (32) 21.12.17 (33) DE
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- (71) LOGINED B.V.  
 (21) 2018201250 (22) 21.02.2018  
 (54) Determining geomechanics completion quality  
 (62) 2014287371
- 
- (71) LUIGI LAVAZZA S.p.A.  
 (21) 2018201291 (22) 22.02.2018  
 (54) Cartridge, machine and system for the preparation of beverages and process for manufacturing the cartridge  
 (62) 2014220336
- 
- (71) Magnum Magnetics Corp.  
 (21) 2018201253 (22) 21.02.2018  
 (54) ADHERING SYSTEMS  
 (62) 2011227401, 2016200401
- 
- (71) Martin GmbH fur Umwelt- und Energietechnik  
 (21) 2018201234 (22) 21.02.2018  
 (54) Method and device for protecting heat exchanger pipes and a ceramic component  
 (62) 2014200208
- 
- (71) MasterCard International Incorporated  
 (21) 2018201269 (22) 21.02.2018  
 (54) Method and system for allowing time-based, incremental point acceleration  
 (62) 2015211332
- 
- (71) MATTHEWS BROS ENGINEERING PTY LTD  
 (21) 2018201217 (22) 20.02.2018  
 (54) A VEHICLE AND A TRAILER  
 (31) 2017900538 (32) 20.02.17 (33) AU  
 2017900980 20.03.17 AU
- 
- (71) Maxtrax Australia Pty Ltd  
 (21) 2018201290 (22) 22.02.2018  
 (54) An automotive recovery coupler  
 (31) 2017900663 (32) 27.02.17 (33) AU
- 
- (71) Mayne Pharma International Pty. Ltd.  
 (21) 2018201298 (22) 22.02.2018  
 (54) Itraconazole compositions and dosage forms, and methods of using the same  
 (62) 2013278001
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- (71) Mayo Foundation for Medical Education and Research  
 (21) 2018201151 (22) 16.02.2018  
 (54) CARRIER-ANTIBODY COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME  
 (62) 2015328247
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- (71) McIntosh, J.  
 (21) 2018201171 (22) 16.02.2018  
 (54) METHOD APPARATUS AND KIT FOR STABILIZING A VEHICLE SUSPENSION  
 (62) 2016201726
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- (71) Memorial Sloan Kettering Cancer Center  
 (21) 2018201210 (22) 20.02.2018  
 (54) Immunogenic WT-1 peptides and methods of use thereof  
 (62) 2013207669
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- (71) Merck Sharp & Dohme Corp.  
 (21) 2018201279 (22) 22.02.2018  
 (54) Solid dosage formulations of an orexin receptor antagonist  
 (62) 2013267613
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- (71) Merus N.V.  
 (21) 2018201325 (22) 23.02.2018  
 (54) Methods and means for the production of Ig-like molecules  
 (62) 2013249985
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- (71) Merus N.V.  
 (21) 2018201326 (22) 23.02.2018  
 (54) Methods and means for the production of Ig-like molecules  
 (62) 2013249986
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- (71) Merus N.V.  
 (21) 2018201328 (22) 23.02.2018  
 (54) Generation of binding molecules  
 (62) 2016200316
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- (71) Micrus Endovascular LLC  
 (21) 2018201142 (22) 16.02.2018  
 (54) GUIDE CATHETER COMPOSED OF SHAPE MEMORY POLYMER  
 (62) 2016204320
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- (71) Micrus Endovascular LLC  
 (21) 2018201155 (22) 16.02.2018  
 (54) GUIDE CATHETER COMPOSED OF SHAPE MEMORY POLYMER  
 (62) 2016204320
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- (71) M-I L.L.C.  
 (21) 2018201270 (22) 21.02.2018  
 (54) DRILLING FLUID PROCESSING  
 (62) 2016202938
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- (71) Mitsubishi Chemical Holdings Corporation  
 (21) 2018201277 (22) 22.02.2018  
 (54) Plants with increased nutritional value and methods for producing same  
 (31) 2017900578 (32) 22.02.17 (33) AU

Complete Applications Filed - Name Index cont'd

(71) Naboso Technology, LLC  
 (21) 2018201318 (22) 23.02.2018  
 (54) Proprioceptor stimulation material  
 (31) 15/441,553 (32) 24.02.17 (33) US

(71) Nektar Therapeutics  
 (21) 2018201297 (22) 22.02.2018  
 (54) Solid salt form of alpha-6-mPEG6-O-hydroxycodone as opioid agonists and uses thereof  
 (62) 2013338098

(71) Noritz Corporation  
 (21) 2018201183 (22) 19.02.2018  
 (54) TANK AND MANUFACTURING METHOD THEREFOR  
 (31) 2017-032184 (32) 23.02.17 (33) JP

(71) Noritz Corporation  
 (21) 2018201281 (22) 22.02.2018  
 (54) WATER HEATING SYSTEM  
 (31) 2017-038327 (32) 01.03.17 (33) JP

(71) Noritz Corporation  
 (21) 2018201282 (22) 22.02.2018  
 (54) WATER HEATING SYSTEM  
 (31) 2017-038328 (32) 01.03.17 (33) JP

(71) Nova Strate Inc.  
 (21) 2018201170 (22) 16.02.2018  
 (54) GOLF TEE FOR GUIDING A BALL  
 (31) 62/460,681 (32) 17.02.17 (33) US

(71) Orora Limited  
 (21) 2018201227 (22) 20.02.2018  
 (54) Machine for erecting a carton from a blank  
 (62) 2014224086

(71) Patented Foundations Pty Ltd  
 (21) 2018201264 (22) 21.02.2018  
 (54) BUILDING SLAB SYSTEM  
 (62) 2013222045

(71) Pharmacyclics LLC  
 (21) 2018201203 (22) 20.02.2018  
 (54) Purinone compounds as kinase inhibitors  
 (62) 2016206309

(71) PKV Housing Oy  
 (21) 2018201204 (22) 20.02.2018  
 (54) DEVICE FOR COLD THERAPY  
 (62) 2013210959

(71) Propex Operating Company, LLC  
 (21) 2018201278 (22) 22.02.2018  
 (54) Geotextile-based structure for vegetative growth enhancement and erosion resistance  
 (31) 62/558,205 (32) 13.09.17 (33) US

(71) Queensland Eye Institute Foundation  
 (21) 2018201200 (22) 20.02.2018  
 (54) METHOD OF TREATMENT OF EYE-LID LAXITY  
 (31) 2017900561 (32) 21.02.17 (33) AU

(71) QuiaPEG Pharmaceuticals AB  
 (21) 2018201180 (22) 19.02.2018  
 (54) Conjugates of biologically active molecules to functionalized polymers  
 (62) 2013276219

(71) Raigan J Pty Ltd  
 (21) 2018201162 (22) 16.02.2018  
 (54) Compartmented Carrier  
 (31) 2017900529 (32) 17.02.17 (33) AU

(71) ResMed Limited  
 (21) 2018201283 (22) 22.02.2018  
 (54) Mask System  
 (62) 2016222397

(71) Roads Corporation  
 (21) 2018201141 (22) 16.02.2018  
 (54) Traffic signal support  
 (62) 2012244338

(71) Rondo Building Services Pty Limited  
 (21) 2018201152 (22) 16.02.2018  
 (54) Nogging track  
 (31) 2017900704 (32) 02.03.17 (33) AU

(71) Rovi Guides, Inc.  
 (21) 2018201236 (22) 21.02.2018  
 (54) Systems and methods for providing storage of data on servers in an on-demand media delivery system  
 (62) 2015224513

(71) Sage Therapeutics, Inc.  
 (21) 2018201307 (22) 22.02.2018  
 (54) Neuroactive Steroid Formulations and Methods of Treating CNS Disorders  
 (62) 2013212287

(71) Salzgitter Mannesmann Precision GmbH  
 (21) 2018201165 (22) 16.02.2018  
 (54) Steel alloy for a low-alloy, high-strength steel  
 (62) 2013314787

(71) Samsung Electronics Co., Ltd.  
 (21) 2018201305 (22) 22.02.2018  
 (54) METHOD AND APPARATUS FOR ENCODING MOTION INFORMATION, AND METHOD AND APPARATUS FOR DECODING SAME  
 (62) 2017202355

(71) Schindler, W.  
 (21) 2018201285 (22) 22.02.2018  
 (54) SUCCINIMIDE-ACTIVATED NITROXYL COMPOUNDS AND METHODS FOR THE USE THEREOF FOR NITROXYLATION OF PROTEINS  
 (62) 2013243875

(71) Seattle Genetics, Inc.  
 (21) 2018201190 (22) 19.02.2018  
 (54) Self-stabilizing linker conjugates  
 (62) 2013263002

(71) Sernova Corporation  
 (21) 2018201192 (22) 19.02.2018  
 (54) Methods and Devices for Cellular Transplantation  
 (62) 2016203097

(71) Sha'ked Microbial Solutions Ltd  
 (21) 2018201154 (22) 16.02.2018  
 (54) A METHOD OF CONTROLLING WATER SURFACE INHABITING PESTS  
 (62) 2014285694

(71) ShayoNano Singapore Pte Ltd  
 (21) 2018201207 (22) 20.02.2018  
 (54) Composite pigments  
 (62) 2014319022

(71) Shifamed Holdings, LLC  
 (21) 2018201235 (22) 21.02.2018  
 (54) INTRAVASCULAR TISSUE DISRUPTION  
 (62) 2016203340

(71) Snap-on Incorporated  
 (21) 2018201189 (22) 19.02.2018  
 (54) Hub for ratchet gears  
 (31) 15/465,672 (32) 22.03.17 (33) US

(71) SodaStream Industries Ltd.  
 (21) 2018201199 (22) 20.02.2018  
 (54) Soda machine  
 (62) 2016200626

(71) Solar Cubed Development, LLC  
 (21) 2018201320 (22) 23.02.2018  
 (54) FULL SPECTRUM ELECTRO-MAGNETIC ENERGY SYSTEM  
 (62) 2015263966

(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION  
 (21) 2018201267 (22) 21.02.2018  
 (54) SHEAF OF UNCLAD WAVEGUIDES  
 (31) GB1801732.7 (32) 02.02.18 (33) GB  
 GB1709904.5 21.06.17 GB

Complete Applications Filed - Name Index cont'd

- (71) Sony Corporation  
(21) 2018201160 (22) 16.02.2018  
(54) Image processing device and image processing method  
(62) 2013365309
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- (71) SourceCode Technology Holdings, Inc  
(21) 2018201198 (22) 20.02.2018  
(54) COLLABORATIVE DESIGN SYSTEMS, APPARATUSES, AND METHODS  
(31) 62/461,617 (32) 21.02.17 (33) US
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- (71) SPEADTECH LIMITED  
(21) 2018201261 (22) 21.02.2018  
(54) Tactile based performance enhancement system  
(62) 2016203024
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- (71) Square, Inc.  
(21) 2018201228 (22) 20.02.2018  
(54) Employee Payroll Information Management  
(62) 2015289554
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- (71) Stamford Risk Analytics LLC  
(21) 2018201153 (22) 16.02.2018  
(54) Risk Assessment/Measurement System and Risk-Based Decision Analysis Tool  
(62) 2016201740
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- (71) Stryker Corporation  
(21) 2018201276 (22) 22.02.2018  
(54) FIXATION MEMBER WITH SEPARATE EYELET AND METHODS OF USE THEREOF  
(31) 62/522,372 (32) 20.06.17 (33) US  
62/462,153 22.02.17 US
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- (71) Stryker Corporation  
(21) 2018201287 (22) 22.02.2018  
(54) MEDICAL MULTI-LINK BOOM  
(31) 62/467,893 (32) 07.03.17 (33) US
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- (71) TERRAPAVE INTERNATIONAL  
(21) 2018201216 (22) 20.02.2018  
(54) Coating compositions and methods of use  
(62) 2014216292
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- The General Hospital Corporation D/B/A Massachusetts General Hospital see Dana-Farber Cancer Institute, Inc.**  
(21) 2018201195
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- (71) The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; Banyan Biomarkers, Inc.  
(21) 2018201249 (22) 21.02.2018  
(54) PROCESSES AND KITS TO DETECT AND MONITOR FOR DIAGNOSTIC BIOMARKERS FOR POST TRAUMAT-  
IC STRESS DISORDER (PTSD) AND TO DIFFERENTIATE BETWEEN SUICIDAL AND NON-SUICIDAL FORM OF THE DISORDER  
(62) 2012308305
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- (71) The Johns Hopkins University  
(21) 2018201303 (22) 22.02.2018  
(54) Methods and Compositions for Improving Cognitive Function  
(62) 2016202670
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- (71) The Ohio State University  
(21) 2018201280 (22) 22.02.2018  
(54) Method of ameliorating clotting pathologies and related materials and methods  
(62) 2013290761
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- (71) Theranos, Inc.  
(21) 2018201201 (22) 20.02.2018  
(54) Systems and methods for multi-analysis  
(62) 2014217893
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- (71) The Regents of the University of California  
(21) 2018201179 (22) 19.02.2018  
(54) A NOVEL RNAi MOLECULE DELIVERY PLATFORM BASED ON SINGLE-SI-RNA AND shRNA NANOCAPSULES  
(62) 2013231839
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- (71) The Regents of the University of California; BioTime, Inc.  
(21) 2018201206 (22) 20.02.2018  
(54) LOCALLY RELEASED GROWTH FACTORS TO MEDIATE MOTOR RECOVERY AFTER STROKE  
(62) 2016202522
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- (71) The Regents of the University of California  
(21) 2018201208 (22) 20.02.2018  
(54) EMP2 Regulates Angiogenesis in Cancer Cells Through Induction of VEGF  
(62) 2016204335
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- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
(21) 2018201191
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- TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz see BioNTech Cell & Gene Therapies GmbH**  
(21) 2018201252
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- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2018201322 (22) 23.02.2018
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- (54) Battery pack and method of connecting the same to external battery systems in parallel  
(31) 201710161176.9 (32) 17.03.17 (33) CN
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- (71) UCB Pharma S.A.  
(21) 2018201232 (22) 21.02.2018  
(54) Sequence symmetric modified IgG4 bispecific antibodies  
(62) 2013224003
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- (71) UCB Pharma S.A.  
(21) 2018201233 (22) 21.02.2018  
(54) Sequence symmetric modified IgG4 bispecific antibodies  
(62) 2013224004
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- (71) UNITED THERAPEUTICS CORPORATION  
(21) 2018201231 (22) 21.02.2018  
(54) Treatment of pulmonary arterial hypertension with mesenchymal stem cells  
(62) 2013296611
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- (71) Vanda Pharmaceuticals, Inc.  
(21) 2018201219 (22) 20.02.2018  
(54) MELATONIN AGONIST TREATMENT  
(62) 2016202001
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- (71) Vanda Pharmaceuticals Inc.  
(21) 2018201302 (22) 22.02.2018  
(54) TREATMENT OF CIRCADIAN RHYTHM DISORDERS  
(62) 2016204178
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- (71) Variation Biotechnologies, Inc.  
(21) 2018201193 (22) 19.02.2018  
(54) Compositions and methods for treating viral infections  
(62) 2013208693
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- (71) Velos Media International Limited  
(21) 2018201321 (22) 23.02.2018  
(54) Coding device, and coding method  
(62) 2013281947
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- (71) VERTICAL TACTICS PTY LTD  
(21) 2018201172 (22) 18.02.2018  
(54) ARTICLE OF FOOTWEAR INTENDED FOR USE WITH WEIGHTLIFTING
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- (71) Weatherford U.K. Limited  
(21) 2018201306 (22) 22.02.2018  
(54) Improvements in and relating to screens  
(62) 2015208913
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- (71) Wellstat Therapeutics Corporation  
(21) 2018201239 (22) 21.02.2018

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(54) Amine compounds having anti-inflammatory, antifungal, antiparasitic and anticancer activity

(62) 2014212242

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(71) Wieland, H.

(21) 2018201313 (22) 23.02.2018

(54) A swivel joint mechanism for a hand tool

(31) 2017902731 (32) 12.07.17 (33) AU

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(71) Woodside Energy Technologies Pty Ltd

(21) 2018201304 (22) 22.02.2018

(54) A MODEL MANAGEMENT SYSTEM

(31) 2017900591 (32) 22.02.17 (33) AU

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(71) Wyeth LLC

(21) 2018201296 (22) 22.02.2018

(54) Compositions relating to a mutant Clostridium difficile toxin and methods thereof

(62) 2016202903

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(71) X-CHEM, INC.

(21) 2018201292 (22) 22.02.2018

(54) Tryptoline derivatives having kinase inhibitory activity and uses thereof

(62) 2013208087

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(71) X-CHEM, INC.

(21) 2018201294 (22) 22.02.2018

(54) Benzhydrol-pyrazole derivatives having kinase inhibitory activity and uses thereof

(62) 2013208104

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(71) X-CHEM, INC.

(21) 2018201295 (22) 22.02.2018

(54) Benzhydrol-pyrazole derivatives having kinase inhibitory activity and uses thereof

(62) 2013208104

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(71) Xyleco, Inc.

(21) 2018201167 (22) 16.02.2018

(54) Processing Biomass

(62) 2015207980

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(71) Xyleco, Inc.

(21) 2018201169 (22) 16.02.2018

(54) Filtration

(62) 2014225567

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(71) YUAN MEI CORP.

(21) 2018201187 (22) 19.02.2018

(54) Improved sprinkler structure

Numerical Index

2018201139	Ferring B.V.	2018201210	Memorial Sloan Kettering Cancer Center
2018201141	Roads Corporation	2018201212	Cherneski, J.
2018201142	Micrus Endovascular LLC	2018201213	Caterpillar Inc.
2018201148	Lock Antriebstechnik GmbH	2018201214	Aristocrat Technologies Australia Pty Limited
2018201149	General Electric Company	2018201215	Kala Pharmaceuticals, Inc.
2018201150	E. I. du Pont de Nemours and Company	2018201216	TERRAPAVE INTERNATIONAL
2018201151	Mayo Foundation for Medical Education and Research	2018201217	MATTHEWS BROS ENGINEERING PTY LTD
2018201152	Rondo Building Services Pty Limited	2018201218	Facebook, Inc.
2018201153	Stamford Risk Analytics LLC	2018201219	Vanda Pharmaceuticals, Inc.
2018201154	Sha'ked Microbial Solutions Ltd	2018201220	Glen Dimplex Americas Limited
2018201155	Micrus Endovascular LLC	2018201221	Biosense Webster (Israel) Ltd.
2018201156	Aristocrat Technologies Australia Pty Limited	2018201222	Biosense Webster (Israel) Ltd.
2018201157	Brilliant Lighting (Aust) Pty Ltd	2018201223	Biosense Webster (Israel) Ltd.
2018201158	Altaviz, LLC	2018201224	Biosense Webster (Israel) Ltd.
2018201159	BioAtla, LLC	2018201225	Biosense Webster (Israel) Ltd.
2018201160	Sony Corporation	2018201226	Biosense Webster (Israel) Ltd.
2018201161	Calbah Industries Pty Ltd	2018201227	Orora Limited
2018201162	Raigan J Pty Ltd	2018201228	Square, Inc.
2018201163	Bioverativ Therapeutics Inc.	2018201229	Knight, R.
2018201164	Hitachi Construction Machinery, Co., Ltd.	2018201230	Graco Minnesota Inc.
2018201165	Salzgitter Mannesmann Precision GmbH	2018201231	UNITED THERAPEUTICS CORPORATION
2018201166	Elevare Energy IP Pty Ltd	2018201232	UCB Pharma S.A.
2018201167	Xyleco, Inc.	2018201233	UCB Pharma S.A.
2018201168	ARZEDA CORP.	2018201234	Martin GmbH für Umwelt- und Energietechnik
2018201169	Xyleco, Inc.	2018201235	Shifamed Holdings, LLC
2018201170	Nova Strate Inc.	2018201236	Rovi Guides, Inc.
2018201171	McIntosh, J.	2018201237	Erytech Pharma
2018201172	VERTICAL TACTICS PTY LTD	2018201238	Angel Playing Cards Co., Ltd.
2018201173	Electrolux Appliances Aktiebolag	2018201239	Wellstat Therapeutics Corporation
2018201174	Holicom Film Limited	2018201240	Blechinger, G.
2018201175	Fisher & Paykel Healthcare Limited	2018201241	AADIGEN, LLC
2018201176	Epizyme, Inc.	2018201242	Amgen Inc.
2018201177	Johnson & Johnson Vision Care, Inc.	2018201244	CROWN EQUIPMENT CORPORATION
2018201178	Deere & Company	2018201245	Biosense Webster (Israel) Ltd.
2018201179	The Regents of the University of California	2018201246	Covidien LP
2018201180	QuiaPEG Pharmaceuticals AB	2018201247	Biosense Webster (Israel) Ltd.
2018201181	CareFusion 303, Inc.	2018201248	Klevaklip Systems Pty Ltd
2018201182	Fraunhofer-Gesellschaft Zur Förderung Der Ange- wandten Forschung E.V.; Deutsche Institute für Textil- und Faserforschung Denkendorf	2018201249	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; Banyan Biomarkers, Inc.
2018201183	Noritz Corporation	2018201250	LOGINED B.V.
2018201184	HEE Solar, L.L.C.	2018201251	DEKA Products Limited Partnership
2018201185	Kabushiki Kaisha Toshiba	2018201252	BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz
2018201186	Joy MM Delaware, Inc.	2018201253	Magnum Magnetics Corp.
2018201187	YUAN MEI CORP.	2018201255	ArvinMeritor Technology, LLC
2018201188	Kleynhans, L.	2018201256	Karanicolos, C.
2018201189	Snap-on Incorporated	2018201257	CDE Global Limited
2018201190	Seattle Genetics, Inc.	2018201258	Hunter Douglas Inc.
2018201191	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2018201259	CDE Global Limited
2018201192	Sernova Corporation	2018201260	Apple Inc.
2018201193	Variation Biotechnologies, Inc.	2018201261	SPEADTECH LIMITED
2018201194	Chapin Manufacturing, Inc	2018201262	BASF Agrochemical Products B.V.
2018201195	Dana-Farber Cancer Institute, Inc.; The General Hospit- al Corporation D/B/A Massachusetts General Hospital	2018201263	Henke-Sass Wolf GmbH
2018201196	Hill Phoenix, Inc.	2018201264	Patented Foundations Pty Ltd
2018201197	Beiersdorf AG	2018201265	Kalkman IP B.V.
2018201198	SourceCode Technology Holdings, Inc	2018201266	Enguita, S.
2018201199	SodaStream Industries Ltd.	2018201267	SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION
2018201200	Queensland Eye Institute Foundation	2018201268	Accenture Global Solutions Limited
2018201201	Theranos, Inc.	2018201269	MasterCard International Incorporated
2018201203	Pharmacyclics LLC	2018201270	M-I L.L.C.
2018201204	PKV Housing Oy	2018201271	Alcoa USA Corp
2018201206	The Regents of the University of California; BioTime, Inc.	2018201272	Cooper-Atkins Corporation
2018201207	ShayoNano Singapore Pte Ltd	2018201273	BRISTOL-MYERS SQUIBB COMPANY
2018201208	The Regents of the University of California	2018201274	Ballance Agri-Nutrients Limited
2018201209	Infineum International Limited	2018201275	4SC Discovery GmbH
		2018201276	Stryker Corporation



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2018201277 Mitsubishi Chemical Holdings Corporation  
2018201278 Propex Operating Company, LLC  
2018201279 Merck Sharp & Dohme Corp.  
2018201280 The Ohio State University  
2018201281 Noritz Corporation  
2018201282 Noritz Corporation  
2018201283 ResMed Limited  
2018201285 Schindler, W.  
2018201286 Fero Strata Systems Pty Ltd  
2018201287 Stryker Corporation  
2018201288 Joe Santa & Associates Pty Limited  
2018201289 A.C.N. 616 302 106 Proprietary Limited  
2018201290 Maxtrax Australia Pty Ltd  
2018201291 LUIGI LAVAZZA S.p.A.  
2018201292 X-CHEM, INC.  
2018201293 FMC Corporation  
2018201294 X-CHEM, INC.  
2018201295 X-CHEM, INC.  
2018201296 Wyeth LLC  
2018201297 Nektar Therapeutics  
2018201298 Mayne Pharma International Pty. Ltd.  
2018201300 ASSA ABLOY Australia Pty Limited  
2018201301 GENENTECH, INC.  
2018201302 Vanda Pharmaceuticals Inc.  
2018201303 The Johns Hopkins University  
2018201304 Woodside Energy Technologies Pty Ltd  
2018201305 Samsung Electronics Co., Ltd.  
2018201306 Weatherford U.K. Limited  
2018201307 Sage Therapeutics, Inc.  
2018201308 Elcelyx Therapeutics, Inc.  
2018201309 Conventus Orthopaedics Inc.  
2018201310 JLG Industries, Inc.  
2018201311 ARTlife Solutions Pty Ltd  
2018201312 Acedem Pty Ltd  
2018201313 Wieland, H.  
2018201314 Fujitsu General Limited  
2018201315 Facebook, Inc.  
2018201316 Elekt, Inc.  
2018201318 Naboso Technology, LLC  
2018201319 Adobe Systems Incorporated  
2018201320 Solar Cubed Development, LLC  
2018201321 Velos Media International Limited  
2018201322 TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
2018201323 Coloplast A/S  
2018201324 Hurst, M.  
2018201325 Merus N.V.  
2018201326 Merus N.V.  
2018201327 Culligan International Company  
2018201328 Merus N.V.  
2018201419 GU, Z.

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Feb 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) Abdul-Malik, S. (21) 2018100245 (22) 15.02.2018 (54) UNIVERSAL DIGITAL ADDRESSING &amp; PINPOINT SYSTEM or UDAPS</p>	<p>(54) A PtCu oxidase mimic with nanoflower structure</p>	<p>(21) 2018100222</p>
<p>(71) Bay Trusses &amp; Frames Pty Ltd (21) 2018100226 (22) 21.02.2018 (54) Joist Arrangement</p>	<p>Li, T. see Wu, H. (21) 2018100221</p>	<p>Zhou, Z. see Wu, H. (21) 2018100221</p>
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<p>(71) Chi, Z.; Sun, B.; Ye, S.; Zhu, H.; Zhang, Y. (21) 2018100222 (22) 21.02.2018 (54) A detection method based on k-nearest neighbor algorithm for system anomaly</p>	<p>Sidhu, S. see Godwin, L. (21) 2018100224</p>	
<p>Feng, W. see Wu, H. (21) 2018100221</p>	<p>Sun, B. see Chi, Z. (21) 2018100222</p>	
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<p>(71) Li, M.; Xu, Z.; Xiao, B. (21) 2018100220 (22) 20.02.2018</p>	<p>Xu, Z. see Li, M. (21) 2018100220</p>	
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**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
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- 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)
  
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- 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
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- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

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**Assignments before Grant, Section 113**

**2005**

2005100010 Packaged Food International Pty Ltd The application has been assigned to **Pereira, Silvester**

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**2012**

2012297568 Raman, Ahilan The application has been assigned to **Pereira, Silvester**

**2013**

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2013234867 Lewer, Brian The application has been assigned to **Medical Advances Through Engineered-Design (MATE) Pty Ltd**

2013246659 Seagrass AG/SA/LTD The application has been assigned to **Feed Algae Ltd**

2013258509 Soerensen, Anders The application has been assigned to **BANDCIZER 2017 ApS**

2013274389 Medimmune, LLC The application has been assigned to **AstraZeneca AB**

2013315619 Medivation Prostate Therapeutics LLC; Bend Research, Inc.; Astellas Pharma Inc. The application has been assigned to **Medivation Prostate Therapeutics LLC; Astellas Pharma Inc.**

2013337280 Rubicon Genomics The application has been assigned to **Takara Bio USA, Inc.**

2013350868 MASFAB Limited The application has been assigned to **Ecosse Subsea Systems Limited**

**Assignments before Grant, Section 113**

2013355047 SRGI Holdings LLC; Knowlton, Edward The application has been assigned to **SRGI Holdings LLC**

2013363552 Unित्रact Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

2013407734 Izumi Products Company The application has been assigned to **Izumi Products Company**

**2014**

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2014214324 Merck Patent GmbH The application has been assigned to **Prexton Therapeutics SA**

2014214326 Merck Patent GmbH The application has been assigned to **Prexton Therapeutics SA**

2014236966 SleepIQ Labs Inc.; Select Comfort Corporation The application has been assigned to **Select Comfort Corporation**

2014256522 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2014262181 VAC Group Operations Pty Ltd The application has been assigned to **VHS IP Pty Ltd**

2014277350 Abeo A/S The application has been assigned to **Abeo ApS**

2014327792 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2014332458 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2014348224 Rubicon Genomics The application has been assigned to **Takara Bio USA, Inc.**

2014349889 W. N. Wilson, Michael The application has been assigned to **Ecosse Subsea Systems Limited**

2014356874 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

**2015**

2015209980 Tohoku Murata Manufacturing Co., Ltd The application has been assigned to **Murata Manufacturing Co., Ltd.**

2015209980 Sony Corporation The application has been assigned to **Tohoku Murata Manufacturing Co., Ltd**

2015213593 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2015234687 Outer-Rim Developments Pty Ltd The application has been assigned to **BLACKBARK ENTERPRISES PTY LTD**

**Assignments before Grant, Section 113**

2015240595 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2015242959 Seventh Generation Ventures, Inc. The application has been assigned to **O2C Raleigh, LLC**

2015247798 Ergotron, Inc.; Theis, John; Wong, Thiem; Ergun, Mustafa The application has been assigned to **Ergotron, Inc.**

2015265623 Enzymotec Ltd. The application has been assigned to **Aker Biomarine Antarctic AS**

2015265705 Well-SENSE Technology Limited The application has been assigned to **Pragma Well Technology Limited**

2015277554 Eli Lilly and Company The application has been assigned to **Elanco US Inc.**

2015294637 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2015326359 Sony Corporation The application has been assigned to **Tohoku Murata Manufacturing Co., Ltd**

2015326359 Tohoku Murata Manufacturing Co., Ltd The application has been assigned to **Murata Manufacturing Co., Ltd.**

2015329663 Enzymotec Ltd. The application has been assigned to **Aker Biomarine Antarctic AS**

2015330241 Ecole Superieure de Physique et de Chimie Industrielles de la Ville de Paris - ESPCI Paristech The application has been assigned to **Ecole Normale Supérieure; Institut National de la Santé Et de la Recherche Médicale; Centre National De La Recherche Scientifique; Université Pierre et Marie Curie; Ecole Superieure de Physique et de Chimie Industrielles de la Ville de Paris - ESPCI Paristech**

2015346616 Eli Lilly and Company The application has been assigned to **Elanco US Inc.**

2015349024 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2015355304 Eli Lilly and Company The application has been assigned to **Elanco US Inc.**

2015366007 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2015377754 Sony Corporation The application has been assigned to **Tohoku Murata Manufacturing Co., Ltd**

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**2016**

2016201341 Izumi Products Company The application has been assigned to **Izumi Products Company**

**Assignments before Grant, Section 113**

2016201383 Bas Rutten, LLC The application has been assigned to **Rutten, Sebastiaan**

2016206568 Modustri LLC The application has been assigned to **Caterpillar Inc.**

2016209324 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2016226060 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2016238246 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2016249404 IGM Biosciences, Inc. The application has been assigned to **IGM BIOSCIENCES A/S**

2016254983 Eli Lilly and Company The application has been assigned to **Elanco US Inc.**

2016256797 Giesecke & Devrient GmbH The application has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2016277320 Pochana, Tanachat The application has been assigned to **CLEANFUTURE ENERGY CO., LTD**

2016277676 Advance Lithium Projects Ltd. The application has been assigned to **Hahn, Eyal**

2016280283 Lee, Kevin; Wilson, Preston; Wochner, Mark; McNeese, Andrew The application has been assigned to **Board of Regents, The University of Texas System**

2016284626 Ball Europe GmbH The application has been assigned to **Ball Beverage Packaging Europe Limited**

2016285501 Sony Corporation The application has been assigned to **Tohoku Murata Manufacturing Co., Ltd**

2016285501 Tohoku Murata Manufacturing Co., Ltd The application has been assigned to **Murata Manufacturing Co., Ltd.**

2016286647 Tem Innovations GmbH The application has been assigned to **CA Casyso GmbH**

2016292883 Mithalal, Adrien; Lantz, Jean-Sébastien The application has been assigned to **PHYSIO-ASSIST**

2016292884 Lantz, Jean-Sébastien; Mithalal, Adrien The application has been assigned to **PHYSIO-ASSIST**

2016296502 Prieur, Jean-Marie; Hood, Andrew; ConocoPhillips Company; Cromar, Stephen; Milne, Ian The application has been assigned to **ConocoPhillips Company**

2016305087 Massachusetts Institute of Technology; Zheng, Yiran The application has been assigned to **Massachusetts Institute of Technology**

**Assignments before Grant, Section 113****2017**

2017232070 Enzymotec Ltd. The application has been assigned to **Aker Biomarine Antarctic AS**

2017902049 Cole, David The application has been assigned to **DEC-UAV PTY LTD**

2017903511 MHM Products Pty Ltd The application has been assigned to **Kenneth R Moras Pty Ltd**

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

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

**2006**

2006233200 **CGB Engineering Pty Ltd** An application to extend the time from 26 Oct 2016 to 26 Oct 2017 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2009**

2009202435 **Knorr-Bremse Australia Pty Ltd** An application to extend the time from 18 Jun 2017 to 18 Feb 2018 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2010**

2010244978 **Global Class Holdings Limited** An application to extend the time from 07 May 2014 to 07 Dec 2017 in which to pay a continuation fee has been filed . Address for service - Global Class Holdings Ltd PO Box 200 Woden ACT 2606 AU

**2011**

2011320732 **Mars Incorporated** An application to extend the time from 08 Feb 2017 to 08 Jun 2018 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

**2013**

2013100817 **Alshakshir, H.** An application to extend the time from 11 Jun 2017 to 11 Jan 2018 in which to pay a renewal fee has been filed . Address for service - Hasan Alshakshir 2 Denison Place Roxburgh Park VIC 3064 AU

2013281334 **Vermeer Manufacturing Company** An application to extend the time from 27 Jun 2017 to 27 Jan 2018 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014100828 **Alshakshir, H.** An application to extend the time from 18 Jul 2017 to 18 Feb 2018 in which to pay a renewal fee has been filed . Address for service - Hasan Alshakshir 2 Denison Place Roxburgh Park VIC 3064 AU

**Extensions of Time, Section 223**

**2015**

2015321012 **Tata Steel Uk Limited** An application to extend the time from 23 Apr 2017 to 23 Dec 2017 in which to enter the National Phase has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

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

**2008**

2008201737 **Yu, G.** The time in which to pay a renewal fee has been extended to 18 Nov 2017 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

**2012**

2012307282 **Lexogen GmbH** The time in which to gain acceptance has been extended to 03 Mar 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2013**

2013100545 **Kids Slip Sheets Pty Ltd** The time in which to pay a renewal fee has been extended to 19 Nov 2017 . Address for service - Kids Slip Sheets Pty Ltd 31 Temple Island Ccrt Oxenford QLD 4210 AU

2013370369 **Partsch IV, G.** The time in which to gain acceptance has been extended to 06 Mar 2018 . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

**2014**

2014386260 **Bair, R.; Buzick, B.** The time in which to request Examination has been extended to 19 Mar 2018 . Address for service - Michael D Eisenberg 23029/Michael Eisenberg PO BOX 16 Nobby Beach QLD 4218 AU

**2016**

2016245336 **Energy One Limited** The time in which to enter the National Phase has been extended to 10 Dec 2017 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2018**

2018100002 **XLOGIQX PTY LTD** The time in which to associate with a complete application has been extended to 24 Jan 2018 . Address for service - Asad Farooq 24 Byrnes St South Granville NSW 2142 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.

**2006**

2006272646 Systems and methods for using polyaxial plates **Smith & Nephew, Inc.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 15 Feb 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2010**

2010205905 System and method of aerial surveillance **Flyneye Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2018 . Address for service - HopgoodGanim L 8 Waterfront Place 1 Eagle St Brisbane QLD 4000 AU

**2011**

2011223048 Antigen binding proteins specific for serum amyloid P component **Glaxo Group Limited** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2012**

2012345572 Cavopulmonary viscous impeller assist device and method **Indiana University Research and Technology Corporation** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2013**

2013202741 Systems and methods for using polyaxial plates **Smith & Nephew, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013207669 Immunogenic WT-1 peptides and methods of use thereof **Memorial Sloan Kettering Cancer Center** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013208213 Relative positioning of balloons with altitude control and wind data **X Development LLC** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013249820 HLA Class II Deficient Cells, HLA Class I Deficient Cells Capable of Expressing HLA Class II Proteins, and Uses Thereof **University of Washington through its Center for Commercialization** The nature of the amendment is: Amend the name of the inventor to read Russell, David W. and Hirata, Roli K . Address for service - Cul-lens Pty Ltd Level 32 239 George Street Brisbane QLD 4000 AU

2013258844 Single-arm monovalent antibody constructs and uses thereof **Zymeworks Inc.** The nature of the amendment is: Amend the name of the inventor to read Ng, Gordon Yiu Kon; Spreter Von Kreudenstein, Thomas and Weisser, Nina E. . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2013263002 Self-stabilizing linker conjugates **Seattle Genetics, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2013299627 Methods of treating cancer using 3-(4-((4-(morpholinomethyl)benzyl)oxy)-1-oxoisindolin-2-yl)piperidine-2,6-dione **Celgene Corporation** The nature of the amendment is as shown in



**Amendments**

the statement(s) filed 14 Feb 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2013387709 Method and arrangement for protecting a trusted network **Saab AB** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2014**

2014212574 Cable assembly having electrical power conductors and fiber optic data lines **CCS Technology, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014241074 System and method for performing alternative and sequential blood and peritoneal dialysis modalities **Baxter International Inc. ; Baxter Healthcare SA** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2018 . Address for service - Peter Maxwell & Associates PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014292805 Elastomeric film-forming compositions and articles made from the elastomeric film **Skinprotect Corporation Sdn Bhd** The nature of the amendment is as shown in the statement(s) filed 16 Feb 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

**2015**

2015244292 Sensors for continuous analyte monitoring, and related methods **Dexcom, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015246038 Immunosuppressant formulation **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015256246 System for imaging and orienting seeds and method of use **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015268662 Upright X-ray breast imaging with a CT mode, multiple tomosynthesis modes, and a mammography mode **Hologic, Inc.** The nature of the amendment is: Amend the name of the inventor to read STEIN, Jay; SMITH, Andrew Paul; DEFREITAS, Kenneth; ZHENXUE, Jing; NIKLASON, Loren; RUTH, Christopher; REN, Baorui and SHAW, Ian . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015277554 Transdermal formulations of pergolide and uses thereof **Elanco US Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016250320 Methods and systems for in-process quality control during drill-fill assembly **The Boeing Company** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2018 . Address

**Amendments**

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

2016273913 METHOD, DEVICE, AND SYSTEM FOR JOINING NEIGHBOR AWARENESS NETWORK CLUSTER **Huawei Device (Dongguan) Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2018 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

**Amendments Made**

**2003**

2003301079 **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2017

**2004**

2004237982 **Ares Trading S.A.** The nature of the amendment is as shown in the statement(s) filed 02 Nov 2017

**2010**

2010291241 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2017

**2012**

2012202212 **Covidien AG** The nature of the amendment is: Amend the priority details to read 61/476,022 15 Apr 2011 US

2012236206 **Ionis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2017

2012258687 **DEKA Products Limited Partnership** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2017

2012259162 **MacroGenics, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Nov 2017

2012284251 **DEKA Products Limited Partnership** The nature of the amendment is: Amend the invention title to read Water vapor distillation apparatus, method and system

**2013**

2013208197 **The Board of Trustees of the Leland Stanford Junior University** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2017

2013227998 **Aker BioMarine Antarctic AS** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2017

2013312392 **Pioneer Hi-Bred International, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2017

2013322806 **MorphoSys AG** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2017

2013397913 **Janssen Pharmaceutica NV** The nature of the amendment is: Amend the name of the inventor to read Ahmad, Ishtiyaque; Battula, Sivaramakrishna; Gijzen, Henricus Jacobus Maria; Va-

**Amendments**

divelu, Saravanan; Wall, Mark; Bakthavatchalam, Rajagopal and Flores, Christopher

**2014**

2014201059 **CGG Services SA** The nature of the amendment is: Amend the priority details to read 61/772,197 04 Mar 2013 US

2014203633 **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement(s) filed 12 Oct 2017

2014241199 **Novozymes BioAg A/S** The nature of the amendment is: Amend the name of the inventor to read Kosanke, John; Reed, Patrick and GYGI, Bret

2014396309 **Hitachi, Ltd.** The nature of the amendment is: Amend the invention title to read Notification control device, traffic management system, and display control method

**2015**

2015213280 **Virginia Polytechnic Institute and State University** The nature of the amendment is: Amend the name of the inventor to read BARRETT, Christopher L. and MARATHE, Madhav V.

2015245951 **iChargeYou Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101919

2015291530 **Zhejiang Kanglaite Group Co., Ltd.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION CONTAINING 13 GLYCERIDES, AND PREPARATIONS AND USE THEREOF

2015339097 **Merial, Inc.** The nature of the amendment is: Amend the invention title to read Apparatus and methods for labeling vials or ampoules stored at temperatures as low as -200°C

2015391981 **Atamaniuk, V.; Novyk, A.** The nature of the amendment is: Amend the name of the inventor to read Atamaniuk, Victor and Novyk, Anatolii

2015405226 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Indoor unit for air-conditioning apparatus

**2016**

2016202838 **Greater Group International Holdings Limited** The nature of the amendment is: Application is to proceed under the number 2016102371

2016204990 **Electrolux Appliances Aktiebolag** The nature of the amendment is: Amend the name of the inventor to read CAVARRETTA, Francesco; CASTIGLIONE, Massimo; ZANDONA, Stefano and CAMATA, Davide

2016228263 **ENI S.p.A.** The nature of the amendment is: Amend the invention title to read AUTONOMOUS UNDERWATER SYSTEM FOR 4D ENVIRONMENTAL MONITORING

2016234904 **Musculoskeletal Transplant Foundation** The nature of the amendment is: Amend the name of the inventor to read Larcano, Michael Locarno; Choi, Bryan J. and Ngo, Manh-Dan

**Amendments**

2016261293 **USound GmbH** The nature of the amendment is: Amend the invention title to read Sound transducer assembly with a MEMS sound transducer

2016262134 **Landoa Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2017

2016266463 **Grirem Advanced Materials Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read FENG, Zongyu; HUANG, Xiaowei; WANG, Meng; XU, Yang; SUN, Xu; XIA, Chao; PENG, Xinlin; WANG, Liangshi and ZHAO, Na

2016293291 **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2018

2016294567 **Freelife Solutions Ltd.** The nature of the amendment is: Amend the name of the inventor to read PAN, Xiancai and YE, Feng

2016296116 **Apple Inc.** The nature of the amendment is: Amend the invention title to read Strain sensors in an electronic device

2016299368 **Innocimab Pte Ltd; Oncoscience AG** The nature of the amendment is: Amend the invention title to read TREATMENT OF PATIENTS DIAGNOSED WITH PANCREATIC DUCTAL ADENOCARCINOMA USING MONOCLONAL ANTIBODIES AGAINST THE EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)

2016300508 **Takano, M.** The nature of the amendment is: Amend the invention title to read Device for generating pulsatile flow or intermittent flow

2016301188 **Chimerix, Inc.; The Regents of the University of Michigan** The nature of the amendment is: Amend the name of the inventor to read Townsend, Leroy; Drach, John; Ware, Roy W.; Bougher III, John Henry; Changanvala, Ramamurty V.S.; Downey, Aaron Leigh; Lanier Jr., Ernest Randall; McIver, Andrew Louis; Robertson, Bradley David; Selleseth, Dean Wallace and Sethna, Phiroze Behram

2016301319 **Nextivity, Inc.** The nature of the amendment is: Amend the name of the inventor to read Lotter, Michiel Petrus

2016301696 **Toho Chemical Industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read Polycondensation product containing phenolic copolymer and dispersant for hydraulic composition containing the same

2016304316 **Betek GmbH & Co. KG; Wirtgen GmbH** The nature of the amendment is: Amend the name of the inventor to read Allgaier, Thomas; Kramer, Ulrich; Hahn, Gunter; Lehnert, Thomas; Buhr, Karsten; Barimani, Cyrus and Friederichs, Heiko

2016304872 **Roll Recovery, LLC** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2018

2016305489 **O'Reilly, L.T.** The nature of the amendment is: Amend the name of the inventor to read O'Reilly, Liam Thomas and Khoury, Edward Joseph

2016305489 **O'Reilly, L.T.** The nature of the amendment is: Amend the name of the inventor to read Khoury, Edward Joseph and Losinski, Robyn

**Amendments**

2016307448 **Thomas Helledays Stiftelse för Medicinsk Forskning** The nature of the amendment is: Amend the invention title to read Method for diagnosing cancer or cancer-associated thrombosis by measuring levels of H3Cit in plasma

2016309108 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read MULTICAST SERVICE READING AND SENDING METHOD, AND RELEVANT DEVICE

2016309857 **Beijing DiDi Infinity Technology and Development Co., Ltd.** The nature of the amendment is: Amend the invention title to read Systems and methods for determining information related to a current order based on historical orders

2016310269 **Shanutec (Shanghai) Co., Ltd.** The nature of the amendment is: Amend the invention title to read Electrical power transmission and outlet system

2016312080 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for transmitting HE-LTF sequence and apparatus

2016313248 **DEB IP Limited** The nature of the amendment is: Amend the name of the inventor to read Limbert, Dean; Kidd, Jack; Lang, Chris; Creaghan, David and Hines, John

2016319597 **Sumitomo Dainippon Pharma Co., Ltd.** The nature of the amendment is: Amend the invention title to read Novel benzimidazole compound and medical use thereof

2016350939 (**<<Pharmenterprises Biotech>> Limited Liability Company**) The nature of the amendment is: Amend the priority details to read 2015147703 06 Nov 2015 RU and 2016111907 30 Mar 2016 RU

**2017**

2017101428 **CHM Alliance Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Lines, David and Maclean, David

2017101474 **Gold, A.** The nature of the amendment is: Amend the invention title to read Frameworks, systems and methodologies configured for enabling adaptable and configurable multiple factor authentication/verification, including gamified methods for secure transaction authentication/verification

2017239926 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Control system of transporter vehicle, transporter vehicle, and control method of transporter vehicle

**2018**

2018100212 **Bookleaf Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Wood, Michael Barrington and Edwards, Walter John

2018200329 **DUAL INVENTIVE HOLDING B.V.** The nature of the amendment is: Amend the invention title to read Device for the remote deactivation of an overhead line

2018201044 **Taipei Medical University; National Taipei University of Technology** The nature of the amendment is: Amend the prior-

**Amendments**

ity details to read 62/458,214 13 Feb 2017 US and 15/841,377 14 Dec 2017 US

2018900393 **Wendt-Thorne, C.** The nature of the amendment is: Amend the invention title to read ARTIFICIAL NEURON WITH INCREASED CONNECTION SENSIBILITY

2018900403 **Wendt-Thorne, C.** The nature of the amendment is: Amend the invention title to read ARTIFICIAL NEURAL NETWORK ARCHITECTURAL EXTENSION

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

**2001**

2001247231 **TriZetto Corporation** The name of the patentee has been altered to **Cognizant TriZetto Software Group, Inc.**

2001253914 **Sangamo Biosciences, Inc.** The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

2001255748 **Sangamo Biosciences, Inc.** The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

**2002**

2002227835 **Interac Corp.** The name of the patentee has been altered to **Acsys Corporation**

2002239295 **Sangamo Biosciences, Inc.** The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

2002241946 **Sangamo Biosciences, Inc.** The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

2002330097 **Sangamo Biosciences, Inc.** The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

2002330812 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002334545 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002335495 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002335598 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002347731 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002359167 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2002359168 **Atlas Copco Rock Drills AB** The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**Amendments**

**2003**

2003202184 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2003202187 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2003212762 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2003218382 Sangamo Biosciences, Inc. The name of the patentee has been altered to **Sangamo Therapeutics, Inc.**

2003259003 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2003267937 Acambis Inc. The name of the patentee has been altered to **Sanofi Pasteur Biologics, LLC**

**2004**

2004236623 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2004309309 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**2005**

2005231223 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005252606 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005257699 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005292689 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005292690 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005294846 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005296322 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005312383 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2005318872 Biamp Systems Corporation The name of the patentee has been altered to **Biamp Systems, LLC**

2005325322 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**Amendments**

**2006**

2006200259 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006219107 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006221125 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006221164 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006221737 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006250106 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006250113 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006258280 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006277083 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006277084 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2006317734 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**2007**

2007218187 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2007295144 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2007302838 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2007312743 Wisecon A/S The name of the patentee has been altered to **Anticimex Innovation Centre A/S**

2007314668 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2007355629 Atlas Copco Rock Drills AB; Atlas Copco Drilling Solutions LLC The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag; Epiroc Drilling Solutions LLC**

**2008**

2008216928 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**Amendments**

2008217768 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008220934 Wisecon A/S The name of the patentee has been altered to **Anticimex Innovation Centre A/S**

2008239825 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008239826 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008312049 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008341192 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008341196 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008341197 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2008350197 Wisecon A/S The name of the patentee has been altered to **Anticimex Innovation Centre A/S**

**2009**

2009263053 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2009287421 Biamp Systems Corporation The name of the patentee has been altered to **Biamp Systems, LLC**

2009302895 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2009333946 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**2010**

2010263291 Atlas Copco Rock Drills AB ; Atlas Copco Drilling Solutions LLC The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag; Epiroc Drilling Solutions LLC**

2010266747 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2010272466 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2010322473 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2010340400 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**Amendments**

**2011**

2011207058 Accucaps Industries Limited The name of the patentee has been altered to **Catalent Ontario Limited**

2011207061 Accucaps Industries Limited The name of the patentee has been altered to **Catalent Ontario Limited**

2011218494 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011233729 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011233737 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011249094 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011261117 Accucaps Industries Limited The name of the patentee has been altered to **Catalent Ontario Limited**

2011261118 Accucaps Industries Limited The name of the patentee has been altered to **Catalent Ontario Limited**

2011271712 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011293946 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011293947 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011293948 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011296596 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011329570 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2011359108 GABA International Holding AG The name of the patentee has been altered to **GABA International Holding GmbH**

2011359109 GABA International Holding AG The name of the patentee has been altered to **GABA International Holding GmbH**

2011378113 Cardlink Services Limited The name of the applicant has been altered to **BPAY Group Limited**

**2012**

2012240637 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2012242352 Wisecon A/S The name of the patentee has been altered to **Anticimex Innovation Centre A/S**

**Amendments**

2012249219 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2012251138 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2012337399 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**2013**

2013257296 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2013281309 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2013344552 Merck Patent GmbH; Huck, Bayard; Xiao, Yufang; Chen, Xiaoling; Ruoxi, Lan The name of the applicant has been altered to **Merck Patent GmbH; Huck, B.; Lan, R.; Xiao, Y.; Chen, X.**

2013348444 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2013352655 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2013352659 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2013364411 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2013364449 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2013364489 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2013397509 Safeway Services, LLC The name of the applicant has been altered to **Safway Services, LLC**

**2014**

2014210399 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2014217528 Leman Micro Devices SA The name of the applicant has been altered to **Léman Micro Devices SA**

2014221434 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2014221482 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

2014221483 Atlas Copco Rock Drills AB The name of the patentee has been altered to **Epiroc Rock Drills Aktiebolag**

**Amendments**

2014253382 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014296849 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014296850 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014296851 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014299334 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014299416 WATSONBREW IP LIMITED The name of the applicant has been altered to **Beer Barista IP Limited**

2014337433 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2014359825 Wisecon A/S The name of the patentee has been altered to **Anticimex Innovation Centre A/S**

**2015**

2015208631 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015210594 Skylit Corporation The name of the applicant has been altered to **Clarify Medical, Inc.**

2015211429 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015217621 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015218578 Brain Power, LLC The name of the applicant has been altered to **Sahin, N.**

2015219372 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2015231975 Baker Hughes Incorporated The name of the patentee has been altered to **Baker Hughes, a GE company, LLC**

2015250323 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015250365 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015268954 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015278210 DPoint Technologies Inc. The name of the applicant has been altered to **Core Energy Recovery Solutions Inc.**

**Amendments**

2015278274 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2015283922 Sustainable Bioproducts Holdings, LLC The name of the applicant has been altered to **Sustainable Bioproducts, Inc.**

2015299825 Korea Gas Corporation The name of the applicant has been altered to **KC LNG Tech Co., Ltd.**

2015314029 Repropharm The name of the applicant has been altered to **IGYXOS**

2015314767 Amydis Diagnostics, Inc. The name of the applicant has been altered to **Amydis, Inc.**

2015357290 Astrazeneca AB The name of the applicant has been altered to **AstraZeneca AB**

2015391981 Atamaniuk, Victor; Novik, Anatolii The name of the applicant has been altered to **Atamaniuk, V.; Novyk, A.**

2015395037 Masdar Institute of Science and Technology The name of the applicant has been altered to **Khalifa University of Science and Technology**

**2016**

2016202791 Harrington Systems Electronics Pty Ltd The name of the applicant has been altered to **Harrington, P.; Smith, D.**

2016204768 Angel Playing Cards Co. Ltd. The name of the applicant has been altered to **Angel Playing Cards Co., Ltd.**

2016209711 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2016226645 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2016250209 D3 Technologies Limited The name of the applicant has been altered to **Disguise Technologies Limited**

2016253596 Accucaps Industries Limited The name of the applicant has been altered to **Catalent Ontario Limited**

2016253692 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2016296855 Pietro Fiorentini SpA; Pietro Fiorentini USA, Inc The name of the applicant has been altered to **Pietro Fiorentini SpA; Pietro Fiorentini USA Inc**

2016308694 Asociacion Centro de Investigacion Cooperativa en Biociencias - CIS Biogune The name of the applicant has been altered to **Asociación Centro de Investigación Cooperativa en Biociencias-CIC bioGUNE**

**2017**

2017203013 PANalytical B.V. The name of the applicant has been altered to **Malvern Panalytical B.V.**

**Amendments**

2017208303 Atlas Copco Rock Drills AB The name of the applicant has been altered to **Epiroc Rock Drills Aktiebolag**

2017266840 Lanxess Solution Us Inc. The name of the applicant has been altered to **Lanxess Solutions US Inc.**

2017268650 Biogen Hemophilia Inc. The name of the applicant has been altered to **Bioverativ Therapeutics Inc.**

2017276314 2000 Purchase Street The name of the applicant has been altered to **MasterCard International Incorporated**

Applications Open to Public Inspection

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

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(71) 4-WEB, INC.  
 (11) AU-A-2018201065  
 (21) 2018201065 (22) 13.02.2018  
 (54) METHOD OF LENGTH PRESERVATION DURING BONE REPAIR  
 (51) Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61B 17/70** ( 2006.01 )  
**A61F 2/28** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2012332092  
 (72) HUNT, Jesse; CRATES, John M.  
 (74) Griffith Hack

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(71) Acceleron Pharma Inc.  
 (11) AU-A-2018201131  
 (21) 2018201131 (22) 16.02.2018  
 (54) Variants derived from ActRIIB and uses therefor  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016208313  
 (72) Knopf, John; Kumar, Ravindra; Seehra, Jasbir  
 (74) Shelston IP Pty Ltd.

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(71) Acceleron Pharma Inc.  
 (11) AU-A-2018201132  
 (21) 2018201132 (22) 16.02.2018  
 (54) BMP-ALK3 antagonists and uses for promoting bone growth  
 (51) Int. Cl.  
**C07K 14/51** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
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**C07K 16/22** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016204979  
 (72) Seehra, Jasbir  
 (74) Shelston IP Pty Ltd.

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2017203058  
 (21) 2017203058 (22) 08.05.2017  
 (54) NETWORK COMMUNICATION STACK FOR DATABASE CONTROL AND RESOURCE PLANNING  
 (51) Int. Cl.  
**G06F 13/00** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
**G06F 21/00** ( 2013.01 )

(31) 201641028523 (32) 22.08.16 (33) IN  
 (43) 08.03.2018  
 (72) ALEXANDER, Simon; SEBASTIAN, Paul Bendix Kollannur; KURIAN, Joy  
 (74) Murray Trento & Associates Pty Ltd

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(71) AKS INDUSTRIES AUSTRALIA PTY LTD  
 (11) AU-A-2017265003  
 (21) 2017265003 (22) 21.11.2017  
 (54) LIQUID STORAGE OR TREATMENT SYSTEM  
 (51) Int. Cl.  
**C02F 1/00** ( 2006.01 )  
**B65D 88/10** ( 2006.01 )  
**B65D 88/12** ( 2006.01 )  
**B65D 88/20** ( 2006.01 )  
 (31) 2016904739 (32) 21.11.16 (33) AU  
 2017900738 03.03.17 AU  
 (43) 08.03.2018  
 (72) MCKAY, Damien  
 (74) Churchill Attorneys

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(71) Albumedix A/S  
 (11) AU-A-2018201136  
 (21) 2018201136 (22) 16.02.2018  
 (54) Albumin variants  
 (51) Int. Cl.  
**C07K 14/765** ( 2006.01 )  
**A61K 38/38** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2013343503  
 (72) Cameron, Jason; Delahay, Karen; Nielsen, Jens Erik; Plumridge, Andrew; Andersen, Jan Terje  
 (74) Shelston IP Pty Ltd.

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(71) Allen-Vanguard Corporation  
 (11) AU-A-2017216551  
 (21) 2017216551 (22) 18.08.2017  
 (54) System and method for providing adaptive synchronization of LTE communication systems  
 (51) Int. Cl.  
**H04L 27/26** ( 2006.01 )  
**H04L 7/10** ( 2006.01 )  
 (31) 62/376,477 (32) 18.08.16 (33) US  
 (43) 08.03.2018  
 (72) El-Keyi, Amr; Yanikomeroğlu, Halim; Yensen, Trevor Noel; Ureten, Oktay  
 (74) FB Rice Pty Ltd

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(71) Altaviz, LLC  
 (11) AU-A-2018201158  
 (21) 2018201158 (22) 16.02.2018  
 (54) Intraocular Gas Injector  
 (51) Int. Cl.  
**A61D 1/02** ( 2006.01 )  
**A61D 7/00** ( 2006.01 )

**A61F 9/007** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2013274203  
 (72) Auld, Jack R.; Huculak, John C.; McCollam, Christopher L.  
 (74) Davies Collison Cave Pty Ltd

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(71) AluHouse Technology (GD) Company Limited  
 (11) AU-A-2017235906  
 (21) 2017235906 (22) 26.09.2017  
 (54) House having aluminum alloy structure  
 (51) Int. Cl.  
**E04H 1/02** ( 2006.01 )  
**E04B 1/08** ( 2006.01 )  
**E04B 1/24** ( 2006.01 )  
 (31) 201710184811.5 (32) 24.05.17 (33) CN  
 (43) 08.03.2018  
 (72) Kwong, Hoi Fung  
 (74) Shelston IP Pty Ltd.

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(71) Apple Inc.  
 (11) AU-A-2018201067  
 (21) 2018201067 (22) 14.02.2018  
 (54) Electronic device with contacts flush with housing  
 (51) Int. Cl.  
**G06F 1/16** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016225784  
 (72) WAGMAN, Daniel; ROSS, Oliver; JOL, Eric S.; ESMAELLI, Hani; DEGNER, Brett; KAMEI, Ibuki  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2018201089  
 (21) 2018201089 (22) 14.02.2018  
 (54) Context-specific user interfaces  
 (51) Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**G04G 9/00** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2015298710  
 (72) Wilson, Christopher; Butcher, Gary Ian; Chen, Kevin Will; Chaudhri, Imran; Dye, Alan C.; Guzman, Aurelio; Ive, Jonathan P.; Karunamuni, Chanaka G.; Kocienda, Kenneth; Lynch, Kevin; Mari, Pedro; Sabatelli, Alessandro; Schmitt, Brian; Wilson, Eric Lance; Yang, Lawrence Y.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018201156  
 (21) 2018201156 (22) 16.02.2018  
 (54) A GAMING SYSTEM AND A METHOD OF GAMING



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- (51) Int. Cl.  
**A63F 13/00** ( 2006.01 )
- (43) 08.03.2018  
(62) 2016202315  
(72) ROUKIS, GEORGE  
(74) Griffith Hack
- 
- (71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2018201214  
(21) 2018201214 (22) 20.02.2018  
(54) GAMING SYSTEM AND METHOD WITH WAGER VARIABILITY
- (51) Int. Cl.  
**A63F 13/00** ( 2014.01 )
- (43) 08.03.2018  
(62) 2016202539  
(72) PLOWMAN, Gregory Leigh  
(74) Griffith Hack
- 
- (71) ARZEDA CORP.  
(11) AU-A-2018201168  
(21) 2018201168 (22) 16.02.2018  
(54) FERMENTATION ROUTE FOR THE PRODUCTION OF LEVULINIC ACID, LEVULINATE ESTERS, VALEROLACTONE, AND DERIVATIVES THEREOF
- (51) Int. Cl.  
**C07C 53/126** ( 2006.01 )  
**C07C 49/00** ( 2006.01 )  
**C07C 53/00** ( 2006.01 )
- (43) 08.03.2018  
(62) 2016206395  
(72) Zanghellini, Alexandre Luc  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Band-Lok, LLC  
(11) AU-A-2018200786  
(21) 2018200786 (22) 01.02.2018  
(54) Tether clamp and implantation system
- (51) Int. Cl.  
**A61B 17/70** ( 2006.01 )
- (43) 08.03.2018  
(62) 2015258312  
(72) LINDQUIST, Stuart; KAPITAN, John M.; ROOF, Randy; ALBERT, Michael  
(74) Spruson & Ferguson
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- (71) Beijing Advaccine Biotechnology Co. Ltd.; Jin, J.; Xie, X.; Wang, B.; Yu, Q.; He, Z.  
(11) AU-A-2018200638  
(21) 2018200638 (22) 25.01.2018  
(54) Immunotherapeutic composition, therapeutic method and diagnostic method
- (51) Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )
- (43) 08.03.2018  
(62) 2015218098  
(72) Jin, Jin; Xie, Xiaoping; Wang, Bin; Yu, Qingling; He, Zhonghui  
(74) FB Rice Pty Ltd
- 
- (71) Billet Inco Pty Ltd  
(11) AU-A-2017218976  
(21) 2017218976 (22) 22.08.2017  
(54) A Rotary Engine with Wear Plate
- (51) Int. Cl.  
**F02B 55/08** ( 2006.01 )  
**F01C 21/10** ( 2006.01 )  
**F16M 1/04** ( 2006.01 )
- (31) 2016903323 (32) 22.08.16 (33) AU  
(43) 08.03.2018  
(72) Robb, Darren  
(74) Cullens Pty Ltd
- 
- (71) BioAtla, LLC  
(11) AU-A-2018201159  
(21) 2018201159 (22) 16.02.2018  
(54) Multi-specific monoclonal antibodies
- (51) Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )
- (43) 08.03.2018  
(62) 2013259276  
(72) Frey, Gerhard; Chang, Hwai Wen; Short, Jay M.  
(74) Allens Patent & Trade Mark Attorneys
- 
- BioTime, Inc. see The Regents of the University of California**  
(21) 2018201206
- 
- (71) Bioverativ Therapeutics Inc.  
(11) AU-A-2018201163  
(21) 2018201163 (22) 16.02.2018  
(54) Chimeric Factor VIII Polypeptides and Uses Thereof
- (51) Int. Cl.  
**C07K 14/00** ( 2006.01 )
- (43) 08.03.2018  
(62) 2016202875  
(72) Chhabra, Ekta Seth; Liu, Tongyao; Peters, Robert; Jiang, Haiyan  
(74) Cullens Pty Ltd
- 
- (71) Blackhawk Network, Inc.  
(11) AU-A-2018201066  
(21) 2018201066 (22) 13.02.2018  
(54) Efficient stored-value card transactions
- (51) Int. Cl.  
**G06Q 40/00** ( 2006.01 )  
**G06Q 20/22** ( 2012.01 )  
**G06Q 20/28** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )
- (43) 08.03.2018  
(62) 2016219581  
(72) Ansari, Ansar  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Brenstone Nominees Pty Ltd  
(11) AU-A-2017216482  
(21) 2017216482 (22) 16.08.2017  
(54) "SYSTEM FOR REMOVABLE FURNITURE LEGS"
- (51) Int. Cl.
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- A47C 4/02** ( 2006.01 )  
**A47K 3/12** ( 2006.01 )
- (31) 2016903290 (32) 19.08.16 (33) AU  
(43) 08.03.2018  
(72) Ford, Kerry John  
(74) Lord & Company
- 
- (71) Briggs & Stratton Corporation  
(11) AU-A-2018201061  
(21) 2018201061 (22) 13.02.2018  
(54) Starter system for an engine
- (51) Int. Cl.  
**A01D 34/68** ( 2006.01 )  
**A01D 34/82** ( 2006.01 )  
**F02N 11/08** ( 2006.01 )  
**F02N 11/10** ( 2006.01 )
- (43) 08.03.2018  
(62) 2013249650  
(72) Hansen, Jason A.; Koenen, Robert; Procknow, David W.; Lavender, Stephen J.; Elvers, Jason D.; Mirissage, Ramidu; Nommensen, James  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Broinowski, S.  
(11) AU-A-2018201055  
(21) 2018201055 (22) 13.02.2018  
(54) Marine ducted propeller jet propulsion system
- (51) Int. Cl.  
**B63H 11/08** ( 2006.01 )  
**B63H 11/113** ( 2006.01 )  
**B63H 11/117** ( 2006.01 )
- (43) 08.03.2018  
(62) 2014232319  
(72) BROINOWSKI, Stefan  
(74) Spruson & Ferguson
- 
- (71) Carbon Trailer Company Pty Ltd  
(11) AU-A-2017216539  
(21) 2017216539 (22) 17.08.2017  
(54) Tipper trailer
- (51) Int. Cl.  
**B60P 1/16** ( 2006.01 )  
**B60P 1/28** ( 2006.01 )  
**B62D 29/04** ( 2006.01 )
- (31) 2016903325 (32) 22.08.16 (33) AU  
(43) 08.03.2018  
(72) Metcalf, Ian; Metcalf, Brenton  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CareFusion 303, Inc.  
(11) AU-A-2018201181  
(21) 2018201181 (22) 19.02.2018  
(54) Closed male luer device for use with needleless access devices
- (51) Int. Cl.  
**A61M 5/168** ( 2006.01 )
- (43) 08.03.2018  
(62) 2015238838  
(72) Mansour, George M.; Fried, Matthew Paul  
(74) FB Rice Pty Ltd
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- (71) CFPH, LLC  
(11) AU-A-2018201100

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 (54) ZONE DEPENDENT PAYOUT PERCENTAGE  
 (51) Int. Cl.  
**A63F 9/24** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016200587  
 (72) Alderucci, Dean P.; Amaitis, Lee M.; Gelman, Geoffrey M.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Cherneski, J.  
 (11) AU-A-2018201212  
 (21) 2018201212 (22) 20.02.2018  
 (54) Construction of a gripping fabric  
 (51) Int. Cl.  
**A41B 11/00** ( 2006.01 )  
**A41D 27/00** ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016204846  
 (72) CHERNESKI, James Paul,  
 (74) Spruson & Ferguson

(71) Children's Hospital Medical Center  
 (11) AU-A-2018201123  
 (21) 2018201123 (22) 15.02.2018  
 (54) OPTIMIZATION AND INDIVIDUALIZATION OF MEDICATION SELECTION AND DOSING  
 (51) Int. Cl.  
**G06Q 50/00** ( 2012.01 )  
 (43) 08.03.2018  
 (62) 2015221486  
 (72) Glauser, Tracy A.; Wenstrup, Richard J.; Vinks, Alexander A.; Pestian, John  
 (74) Fisher Adams Kelly Callinans

(71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-A-2018201080  
 (21) 2018201080 (22) 14.02.2018  
 (54) Modified antibody constant region  
 (51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
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 (43) 08.03.2018  
 (62) 2016202036  
 (72) IGAWA, Tomoyuki; SHIRAIWA, Hiro-take  
 (74) Spruson & Ferguson

(71) Cosmederm Bioscience, Inc.  
 (11) AU-A-2017201085  
 (21) 2017201085 (22) 17.02.2017  
 (54) Strontium based compositions and formulations for pain, pruritus, and inflammation  
 (51) Int. Cl.  
**A61K 33/14** ( 2006.01 )  
**A61K 31/191** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
**A61P 17/04** ( 2006.01 )

**A61P 23/02** ( 2006.01 )  
 (31) 15/239,171 (32) 17.08.16 (33) US  
 (43) 08.03.2018  
 (72) Hahn, Gary S.; Gudi, Siva  
 (74) Davies Collison Cave Pty Ltd

(71) Craig Howard & Son  
 (11) AU-A-2017216557  
 (21) 2017216557 (22) 18.08.2017  
 (54) Product and method  
 (51) Int. Cl.  
**B27D 5/00** ( 2006.01 )  
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 (72) Howard, Craig; Howard, Jack  
 (74) Davies Collison Cave Pty Ltd

(71) CrowdStrike, Inc.  
 (11) AU-A-2017206284  
 (21) 2017206284 (22) 21.07.2017  
 (54) Tracing system operations across remote procedure linkages to identify request originators  
 (51) Int. Cl.  
**G06F 11/30** ( 2006.01 )  
**G06F 13/14** ( 2006.01 )  
**G06F 21/10** ( 2013.01 )  
 (31) 15/240,860 (32) 18.08.16 (33) US  
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 (72) Ionescu, Ion-Alexandru; Kreuzer, Timo; LeMasters, Aaron  
 (74) Davies Collison Cave Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation D/B/A Massachusetts General Hospital  
 (11) AU-A-2018201195  
 (21) 2018201195 (22) 20.02.2018  
 (54) Isolation and use of human lymphoid organ-derived suppressive stromal cells  
 (51) Int. Cl.  
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 (72) Fletcher, Anne; Turley, Shannon J.; Parekkadan, Biju  
 (74) Shelston IP Pty Ltd.

(71) DC Solutions Australia Pty Ltd  
 (11) AU-A-2016273816  
 (21) 2016273816 (22) 12.12.2016  
 (54) APPARATUS FOR STARTING AN ELECTRICALLY CRANKED ENGINE  
 (51) Int. Cl.  
**H02J 7/00** ( 2006.01 )  
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**A01P 13/02** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
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*C07K 16/22* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*B82Y 5/00* ( 2011.01 )  
*C07K 16/28* ( 2006.01 )  
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*B60G 11/00* ( 2006.01 )  
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 (51) Int. Cl.  
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*C07K 11/02* ( 2006.01 )  
*A01N 43/72* ( 2006.01 )  
*A01P 5/00* ( 2006.01 )  
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*C07C 231/12* ( 2006.01 )  
*C07C 235/12* ( 2006.01 )  
*C07C 269/06* ( 2006.01 )  
*C07C 271/22* ( 2006.01 )  
*C07D 273/08* ( 2006.01 )  
*C07B 51/00* ( 2006.01 )  
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*A61M 25/00* ( 2006.01 )  
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*A61M 25/00* ( 2006.01 )  
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*B01F 7/16* ( 2006.01 )  
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**B29C 45/00** ( 2006.01 )  
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**G01V 1/16** ( 2006.01 )  
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**C07D 473/32** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**A61H 33/00** ( 2006.01 )  
**A47K 3/28** ( 2006.01 )  
**A61F 7/00** ( 2006.01 )  
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**G06F 19/26** ( 2011.01 )  
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**C07K 1/107** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 17/34** ( 2006.01 )  
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**C07C 269/00** ( 2006.01 )  
**A01N 47/10** ( 2006.01 )  
**C07C 271/00** ( 2006.01 )  
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**C07D 209/54** ( 2006.01 )  
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**C07C 257/18** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
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 A01N 47/24 ( 2006.01 )  
 A01N 47/02 ( 2006.01 )

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 E05B 15/02 ( 2006.01 )  
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 A61F 2/07 ( 2013.01 )

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 A61K 36/31 ( 2006.01 )  
 A61K 36/12 ( 2006.01 )

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A61P 13/02 ( 2006.01 )

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 A61L 27/16 ( 2006.01 )  
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 (54) Composite pigments  
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 C08K 3/22 ( 2006.01 )  
 B82Y 30/00 ( 2011.01 )  
 C08K 3/34 ( 2006.01 )  
 C09C 1/02 ( 2006.01 )  
 C09C 1/04 ( 2006.01 )  
 C09C 1/28 ( 2006.01 )  
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 B64C 39/02 ( 2006.01 )  
 B64D 47/02 ( 2006.01 )  
 B64D 47/08 ( 2006.01 )  
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 (74) Madderns Patent & Trade Mark Attorneys

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 E06B 9/42 ( 2006.01 )  
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 B01F 3/04 ( 2006.01 )

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 H04N 19/30 ( 2014.01 )  
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 H01R 33/00 ( 2006.01 )

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 (54) Digital to biological converter  
 (51) Int. Cl.  
 A61P 31/00 ( 2006.01 )  
 C07K 14/01 ( 2006.01 )  
 C12N 15/00 ( 2006.01 )  
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 (54) System and method for candidate profile screening  
 (51) Int. Cl.  
*G06Q 50/00* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )  
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 (54) METHODS FOR TREATING PSYCHIATRIC DISORDERS OR SYMPTOMS THEREOF USING NCAM PEPTIDE MIMETICS  
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*A61K 38/18* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 25/22* ( 2006.01 )  
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 (54) Systems and methods for multi-analysis  
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*C12M 1/00* ( 2006.01 )  
*A61B 6/00* ( 2006.01 )  
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*G01N 1/10* ( 2006.01 )  
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*H01M 10/61* ( 2014.01 )  
*H01M 10/60* ( 2014.01 )  
*H01M 10/615* ( 2014.01 )  
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 (54) Chimeric antigen receptor and methods of use thereof  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
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 (74) FB Rice Pty Ltd

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 (54) A NOVEL RNAi MOLECULE DELIVERY PLATFORM BASED ON SINGLE-siRNA AND shRNA NANOCAPSULES

(51) Int. Cl.  
*A61K 9/51* ( 2006.01 )  
*A61K 31/7105* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
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 (62) 2013231839  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2018201206  
 (21) 2018201206 (22) 20.02.2018  
 (54) LOCALLY RELEASED GROWTH FACTORS TO MEDIATE MOTOR RECOVERY AFTER STROKE  
 (51) Int. Cl.  
*A61K 38/19* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 9/22* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
*A61P 7/06* ( 2006.01 )  
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 (43) 08.03.2018  
 (62) 2016202522  
 (72) Carmichael, Stanley T.; Clarkson, Andrew N.; West, Michael D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2018201208  
 (21) 2018201208 (22) 20.02.2018  
 (54) EMP2 Regulates Angiogenesis in Cancer Cells Through Induction of VEGF  
 (51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2016204335  
 (72) WADEHRA, Madhuri; GORDON, Lynn K.; BRAUN, Jonathan  
 (74) Allens Patent & Trade Mark Attorneys

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 (51) Int. Cl.  
*G01W 1/02* ( 2006.01 )  
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 (54) Wheel Holder for a Bicycle Carrier  
 (51) Int. Cl.  
*B60R 9/048* ( 2006.01 )  
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*B62H 3/08* ( 2006.01 )  
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 (74) James & Wells Intellectual Property
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 (11) AU-A-2018201112  
 (21) 2018201112 (22) 15.02.2018  
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 (74) Chrysiliou IP
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 (21) 2017218968 (22) 22.08.2017  
 (54) A Lock  
 (51) Int. Cl.  
*E05B 67/00* ( 2006.01 )  
 (31) 2016903320 (32) 22.08.16 (33) AU  
 (43) 08.03.2018  
 (72) COHEN, Marc  
 (74) Phoenix Intellectual Property
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- (71) Toyota Jidosha Kabushiki Kaisha  
 (11) AU-A-2017216462  
 (21) 2017216462 (22) 15.08.2017  
 (54) Vehicular seat installed with side airbag device  
 (51) Int. Cl.  
*B60R 21/233* ( 2006.01 )  
*B60R 21/207* ( 2006.01 )  
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 (72) FUKAWATASE, Osamu; KOMURA, Takamichi; SUGAWARA, Hiroe  
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- (71) Trading Technologies International, Inc  
 (11) AU-A-2018201088  
 (21) 2018201088 (22) 14.02.2018  
 (54) SYSTEM AND METHOD FOR USE OF FRACTIONAL PAY-UP TICKS IN RELATION TO TRADING STRATEGIES IN AN ELECTRONIC TRADING ENVIRONMENT  
 (51) Int. Cl.  
*G06Q 40/00* ( 2006.01 )  
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 (11) AU-A-2018201147  
 (21) 2018201147 (22) 16.02.2018  
 (54) MITIGATING COMMUNICATION RISKS IN AN ELECTRONIC TRADING SYSTEM  
 (51) Int. Cl.  
*G06Q 40/00* ( 2006.01 )  
 (43) 08.03.2018  
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 (72) Strehl, Frank Matthew  
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 (51) Int. Cl.  
*E21B 33/06* ( 2006.01 )  
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 (54) AN ELECTRIC FENCE CONNECTOR  
 (51) Int. Cl.  
*A01K 3/00* ( 2006.01 )  
*E04H 17/00* ( 2006.01 )  
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 (72) Pearce, Grant  
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 (21) 2018201062 (22) 13.02.2018  
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 (51) Int. Cl.  
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 (74) Shelston IP Pty Ltd.
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- (71) University of Washington  
 (11) AU-A-2018201071  
 (21) 2018201071 (22) 14.02.2018  
 (54) Therapeutic nuclease compositions and methods  
 (51) Int. Cl.  
*A61K 38/47* ( 2006.01 )  
*C12N 9/16* ( 2006.01 )  
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 (54) Therapeutic nuclease compositions and methods  
 (51) Int. Cl.  
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- (71) UON Pty Ltd  
 (11) AU-A-2017210650  
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 (54) MOTOR STARTING AND CONTROL SYSTEM AND METHOD UTILISED BY DIRECTLY CONNECTED IS-LANDED RECIPROACTING ENGINE POWERED GENERATORS  
 (51) Int. Cl.  
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- (71) Variation Biotechnologies, Inc.  
 (11) AU-A-2018201193  
 (21) 2018201193 (22) 19.02.2018  
 (54) Compositions and methods for treating viral infections  
 (51) Int. Cl.  
*A61K 47/14* ( 2006.01 )  
*A61K 9/19* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/13* ( 2006.01 )  
*A61K 39/205* ( 2006.01 )  
*A61K 39/29* ( 2006.01 )  
*A61K 47/08* ( 2006.01 )  
*A61K 47/12* ( 2006.01 )  
*A61K 47/20* ( 2006.01 )  
*A61K 47/24* ( 2006.01 )  
*A61K 47/28* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 37/04* ( 2006.01 )  
 (43) 08.03.2018  
 (62) 2013208693  
 (72) ANDERSON, David E.  
 (74) Griffith Hack
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- (71) Ventana Medical Systems, Inc.  
 (11) AU-A-2018201146  
 (21) 2018201146 (22) 16.02.2018  
 (54) Systems and methods for calibrating, configuring and validating an imaging

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device or system for multiplex tissue assays  
**(51)** Int. Cl.  
**G01J 3/28** ( 2006.01 )  
**G01J 3/10** ( 2006.01 )  
**G01J 3/44** ( 2006.01 )  
**G01N 21/27** ( 2006.01 )  
**G02B 21/36** ( 2006.01 )  
**(43)** 08.03.2018  
**(62)** 2014211384  
**(72)** GARSHA, Karl; OTTER, Michael; PESTANO, Gary Anthony; VENTURA, Frank  
**(74)** Spruson & Ferguson

**(71)** Visy R & D Pty Ltd  
**(11)** AU-A-2016213769  
**(21)** 2016213769 **(22)** 10.08.2016  
**(54)** Blank for a produce tray, produce tray and method of erecting a produce tray  
**(51)** Int. Cl.  
**B65D 5/20** ( 2006.01 )  
**B65D 5/22** ( 2006.01 )  
**B65D 5/28** ( 2006.01 )  
**B65D 85/34** ( 2006.01 )  
**(43)** 08.03.2018  
**(72)** Ross, Jason  
**(74)** Davies Collison Cave Pty Ltd

**Wang, B. see Beijing Advaccine Biotechnology Co. Ltd.**  
**(21)** 2018200638

**(71)** Weir Minerals Australia Ltd  
**(11)** AU-A-2018201084  
**(21)** 2018201084 **(22)** 14.02.2018  
**(54)** HARD METAL MATERIALS  
**(51)** Int. Cl.  
**C22C 29/02** ( 2006.01 )  
**C22C 29/14** ( 2006.01 )  
**C22C 29/16** ( 2006.01 )  
**(43)** 08.03.2018  
**(62)** 2016203320  
**(72)** DOLMAN, KEVIN F.  
**(74)** Griffith Hack

**(71)** Westhaven Marketing Limited  
**(11)** AU-A-2018200829  
**(21)** 2018200829 **(22)** 05.02.2018  
**(54)** Shellfish preparation process  
**(51)** Int. Cl.  
**A22C 29/00** ( 2006.01 )  
**A23L 5/10** ( 2016.01 )  
**A23L 17/40** ( 2016.01 )  
**(43)** 08.03.2018  
**(62)** 2012326739  
**(72)** McDonald, Alister John  
**(74)** Baldwins Intellectual Property

**(71)** Westinghouse Air Brake Technologies Corporation  
**(11)** AU-A-2017216469  
**(21)** 2017216469 **(22)** 15.08.2017  
**(54)** REDUNDANT METHOD OF CONFIRMING AN ECP PENALTY  
**(51)** Int. Cl.

**B60T 13/66** ( 2006.01 )  
**B60T 15/02** ( 2006.01 )  
**B61H 13/00** ( 2006.01 )  
**(31)** 15/240,429 **(32)** 18.08.16 **(33)** US  
**(43)** 08.03.2018  
**(72)** RICE, Danial; WOLF, Charles L.; CORTIE, Alan Laurence; BENDER, Paul Gerard  
**(74)** Murray Trento & Associates Pty Ltd

**Xie, X. see Beijing Advaccine Biotechnology Co. Ltd.**  
**(21)** 2018200638

**(71)** Xyleco, Inc.  
**(11)** AU-A-2018201167  
**(21)** 2018201167 **(22)** 16.02.2018  
**(54)** Processing Biomass  
**(51)** Int. Cl.  
**B21B 1/00** ( 2006.01 )  
**(43)** 08.03.2018  
**(62)** 2015207980  
**(72)** Medoff, Marshall  
**(74)** WRAYS PTY LTD

**(71)** Xyleco, Inc.  
**(11)** AU-A-2018201169  
**(21)** 2018201169 **(22)** 16.02.2018  
**(54)** Filtration  
**(51)** Int. Cl.  
**C12P 19/02** ( 2006.01 )  
**(43)** 08.03.2018  
**(62)** 2014225567  
**(72)** Medoff, Marshall; Masterman, Thomas; Roditi, Solomon; Cahill, John M; Lavigne, Randy  
**(74)** WRAYS PTY LTD

**Yu, Q. see Beijing Advaccine Biotechnology Co. Ltd.**  
**(21)** 2018200638

**(71)** Zero Lab Co., Ltd.  
**(11)** AU-A-2017216478  
**(21)** 2017216478 **(22)** 15.08.2017  
**(54)** MAGNETIC ERASING DEVICE  
**(51)** Int. Cl.  
**B43L 1/00** ( 2006.01 )  
**(31)** 2016-161634 **(32)** 22.08.16 **(33)** JP  
**(43)** 08.03.2018  
**(72)** KOGA, Ritsuo  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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2016203667	Pigeonhole Software Pty Ltd	2018201080	Chugai Seiyaku Kabushiki Kaisha
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2016216631	Lavers, P.	2018201082	FMC Corporation
2016216715	Envirapest Solutions	2018201083	Global Renewable Solutions Pty Ltd
2016219546	PricewaterhouseCoopers Nominees (N.S.W) Pty Ltd	2018201084	Weir Minerals Australia Ltd
2016238870	QuintessenceLabs Pty Ltd.	2018201085	Synthetic Genomics, Inc.
2016250329	Lion Dairy & Drinks Pty Ltd	2018201088	Trading Technologies International, Inc
2016262764	Oscillation Pty Ltd	2018201089	Apple Inc.
2016265996	Rotam Agrochem International Company Limited	2018201095	Seipel, T.
2016273816	DC Solutions Australia Pty Ltd	2018201096	Desire2Learn Incorporated
2017200095	Shenzhen JTT Technology Co., Ltd.	2018201097	Glance Networks, Inc
2017201085	Cosmederm Bioscience, Inc.	2018201098	Pictometry International Corp.
2017202183	OZKOR Pty. Ltd.	2018201100	CFPH, LLC
2017202401	Rotam Agrochem International Company Limited	2018201101	Meiji Seika Pharma Co., Ltd.; The Kitasato Institute
2017202794	Fuji Xerox Co., Ltd.	2018201102	The Regents of the University of California
2017203058	Accenture Global Solutions Limited	2018201105	Smith & Nephew, Inc.
2017203146	NUC Electronics Co., Ltd.	2018201106	Digital Line Markers Fze
2017203649	Hardie, C.	2018201107	Flow Control LLC.
2017206170	Johnson & Johnson Vision Care, Inc.	2018201108	Glance Networks, Inc
2017206188	Jiangnan University; Jiangnan University (Yangzhou) Food Biotechnology Institute	2018201109	Glance Networks, Inc
2017206284	CrowdStrike, Inc.	2018201112	TNBT Holdings Pty Limited
2017208231	Kuhn S.A.	2018201113	Tru-Test Limited
2017208344	Nelson Irrigation Corporation	2018201118	Sanford Health
2017210522	PGS Geophysical AS	2018201119	Glance Networks, Inc
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2017213598	The Raymond Corporation	2018201121	ODIN ENERGY Co., Ltd
2017216456	Specialised & Emergency Vehicles Australia Pty Ltd	2018201123	Children's Hospital Medical Center
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2017216469	Westinghouse Air Brake Technologies Corporation	2018201126	Deep Exploration Technologies CRC Limited
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2017216482	Brenstone Nominees Pty Ltd	2018201132	Acceleron Pharma Inc.
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2017216504	Liberation Developments Pty Ltd	2018201135	Dometic Corporation
2017216539	Carbon Trailer Company Pty Ltd	2018201136	Albumedix A/S
2017216551	Allen-Vanguard Corporation	2018201138	Rebound Therapeutics Corporation
2017216557	Craig Howard & Son	2018201139	Ferring B.V.
2017216585	National Taiwan University	2018201140	Tata Consultancy Services Limited
2017216606	Slidetrack Blinds Pty Ltd	2018201142	Micrus Endovascular LLC
2017218932	SafeCorp Financial Services Pty Ltd	2018201143	Transocean Innovation Labs Ltd
2017218968	TNBT Holdings Pty Ltd	2018201144	K2M, Inc.
2017218976	Billet Inco Pty Ltd	2018201146	Ventana Medical Systems, Inc.
2017232185	Rotam Agrochem International Company Limited	2018201147	Trading Technologies International, Inc
2017235906	AluHouse Technology (GD) Company Limited	2018201150	E. I. du Pont de Nemours and Company
2017261561	Rotam Agrochem International Company Limited	2018201151	Mayo Foundation for Medical Education and Research
2017265003	AKS INDUSTRIES AUSTRALIA PTY LTD	2018201155	Micrus Endovascular LLC
2017276314	MasterCard International Incorporated	2018201156	Aristocrat Technologies Australia Pty Limited
2018200298	JRC Packing Solutions Pty Ltd	2018201158	Altaviz, LLC
2018200638	Beijing Advaccine Biotechnology Co. Ltd.; Jin, J.; Xie, X.; Wang, B.; Yu, Q.; He, Z.	2018201159	BioAtla, LLC
2018200717	Thule Sweden AB	2018201160	Sony Corporation
2018200730	INNOVHEART S.R.L	2018201163	Bioverativ Therapeutics Inc.
2018200786	Band-Lok, LLC	2018201164	Hitachi Construction Machinery, Co., Ltd.
2018200829	Westhaven Marketing Limited	2018201166	Elevare Energy IP Pty Ltd
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2018201061	Briggs & Stratton Corporation	2018201173	Electrolux Appliances Aktiebolag
2018201062	University of North Texas Health Science Center at Fort Worth	2018201174	Holicom Film Limited
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2018201066	Blackhawk Network, Inc.	2018201176	Epizyme, Inc.
2018201067	Apple Inc.	2018201179	The Regents of the University of California
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2018201073	University of Washington	2018201181	CareFusion 303, Inc.
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2018201196 Hill Phoenix, Inc.  
2018201199 SodaStream Industries Ltd.  
2018201201 Theranos, Inc.  
2018201203 Pharmacyclics LLC  
2018201204 PKV Housing Oy  
2018201206 The Regents of the University of California; BioTime, Inc.  
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2018201208 The Regents of the University of California  
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2018201214 Aristocrat Technologies Australia Pty Limited  
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<b>A23C 9 /-</b> 2016250329	<b>A61J 9 /-</b> 2018201079	<b>A61M 16 /-</b> 2018201175	<b>B01F 15 /-</b> 2017203146	<b>B62D 29 /-</b> 2017216539	<b>C07D 209 /-</b> 2017202401
<b>A23G 3 /-</b> 2017206188	<b>A61K 31 /-</b> 2017201085 2018201060 2018201139 2018201176 2018201179 2018201203 2018201215	<b>A61M 25 /-</b> 2018201142 2018201155	<b>B01F 3 /-</b> 2018201199	<b>B62H 3 /-</b> 2018200717	<b>C07D 209 /-</b> 2017202401
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<p>(71) COOK'S BODY WORKS PTY LTD                      (11) AU-A-2018100067                      (21) 2018100067 (22) 16.01.2018                      (54) VERTICAL CURTAIN TENSIONING SYSTEM                      (51) Int. Cl.                      B60J 9/04 ( 2006.01 )                      (31) 2017900157 (32) 19.01.17 (33) AU                      (45) 08.03.2018                      (72) REES, Richard; REES, Thomas; TREANOR, Ryan                      (74) Patent Attorney Services</p>	<p>(71) Dyson Technology Limited                      (11) AU-A-2018100160                      (21) 2018100160 (22) 05.02.2018                      (54) A hairdryer                      (51) Int. Cl.                      A45D 20/12 ( 2006.01 )                      A45D 20/08 ( 2006.01 )                      A45D 20/10 ( 2006.01 )                      (45) 08.03.2018                      (62) 2014389903                      (72) Gammack, Peter; Courtney, Stephen; Moloney, Patrick; Shelton, Edward                      (74) Shelston IP Pty Ltd.</p>	<p>(71) Hangzhou Evergreen Waterproof Material Co., Ltd.                      (11) AU-A-2018100176                      (21) 2018100176 (22) 07.02.2018                      (54) High strength wind-proof slip-proof water-proof sheet layer                      (51) Int. Cl.                      B32B 27/02 ( 2006.01 )                      B32B 11/04 ( 2006.01 )                      B32B 27/12 ( 2006.01 )                      (45) 08.03.2018                      (62) PCT/CN2016/083107                      (72) Shen, Tengfei                      (74) Watermark Intellectual Property Pty Ltd</p>
<p>(71) Corning Korea Optical Communications Co.                      (11) AU-A-2018100129                      (21) 2018100129 (22) 31.01.2018                      (54) OPTICAL AND ELECTRICAL HYBRID CABLE ASSEMBLY                      (51) Int. Cl.                      G02B 6/43 ( 2006.01 )                      H01B 9/00 ( 2006.01 )                      H01B 11/22 ( 2006.01 )                      H02G 15/08 ( 2006.01 )                      (31) 62/592,752 (32) 30.11.17 (33) US                      10-2017-0014044 31.01.17 KR                      (45) 08.03.2018                      (72) Moon, Dae Seung; Shin, Younggi; Yang, Jinseong                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Dyson Technology Limited                      (11) AU-A-2018100161                      (21) 2018100161 (22) 05.02.2018                      (54) A hairdryer                      (51) Int. Cl.                      A45D 20/12 ( 2006.01 )                      A45D 20/08 ( 2006.01 )                      A45D 20/10 ( 2006.01 )                      (45) 08.03.2018                      (62) 2014389903                      (72) Gammack, Peter; Courtney, Stephen; Moloney, Patrick; Shelton, Edward                      (74) Shelston IP Pty Ltd.</p>	<p>(71) H J Fischer, LLC                      (11) AU-A-2018100168                      (21) 2018100168 (22) 06.02.2018                      (54) System and method for joining and hanging ducts                      (51) Int. Cl.                      F16L 23/14 ( 2006.01 )                      F16L 23/00 ( 2006.01 )                      (45) 08.03.2018                      (62) 2017206225                      (72) Fischer, Herbert J.                      (74) FB Rice Pty Ltd</p>
<p>(71) Drewett, B.                      (11) AU-A-2018100099                      (21) 2018100099 (22) 23.01.2018                      (54) Compactable Steel Reinforcing Products                      (51) Int. Cl.                      E04C 5/00 ( 2006.01 )                      (45) 08.03.2018                      (72) Drewett, Ben                      (74) Ben Drewett</p>	<p>(71) Dyson Technology Limited                      (11) AU-A-2018100162                      (21) 2018100162 (22) 05.02.2018                      (54) A hairdryer                      (51) Int. Cl.                      A45D 20/12 ( 2006.01 )                      A45D 20/08 ( 2006.01 )                      A45D 20/10 ( 2006.01 )                      (45) 08.03.2018                      (62) 2014389903                      (72) Gammack, Peter; Courtney, Stephen; Moloney, Patrick; Shelton, Edward                      (74) Shelston IP Pty Ltd.</p>	<p>(71) H J Fischer, LLC                      (11) AU-A-2018100169                      (21) 2018100169 (22) 06.02.2018                      (54) System and method for joining and hanging ducts                      (51) Int. Cl.                      F16L 23/14 ( 2006.01 )                      F16L 23/00 ( 2006.01 )                      (45) 08.03.2018                      (62) 2017206225                      (72) Fischer, Herbert J.                      (74) FB Rice Pty Ltd</p>
<p>(71) Dyson Technology Limited                      (11) AU-A-2018100157                      (21) 2018100157 (22) 05.02.2018                      (54) A hairdryer                      (51) Int. Cl.                      A45D 20/12 ( 2006.01 )                      A45D 20/08 ( 2006.01 )                      A45D 20/10 ( 2006.01 )                      (45) 08.03.2018                      (62) 2014389903                      (72) Gammack, Peter; Courtney, Stephen; Moloney, Patrick; Shelton, Edward                      (74) Shelston IP Pty Ltd.</p>	<p>(71) Flip Flash Cards Pty Ltd                      (11) AU-A-2018100109                      (21) 2018100109 (22) 25.01.2018                      (54) Electronic Flash Card Methods and Systems                      (51) Int. Cl.                      G09B 7/00 ( 2006.01 )                      G06F 3/14 ( 2006.01 )                      G09B 5/00 ( 2006.01 )                      G09B 5/02 ( 2006.01 )                      (45) 08.03.2018                      (62) PCT/AU2016/050934                      (72) Halliday, Kim Charles                      (74) Cullens Pty Ltd</p>	<p>(71) H J Fischer, LLC                      (11) AU-A-2018100170                      (21) 2018100170 (22) 06.02.2018                      (54) System and method for joining and hanging ducts                      (51) Int. Cl.                      F16L 23/14 ( 2006.01 )                      F16L 23/00 ( 2006.01 )                      (45) 08.03.2018                      (62) 2017206225                      (72) Fischer, Herbert J.                      (74) FB Rice Pty Ltd</p>
<p>(71) Dyson Technology Limited                      (11) AU-A-2018100171                      (21) 2018100171 (22) 06.02.2018                      (54) System and method for joining and hanging ducts</p>	<p>(71) H J Fischer, LLC                      (11) AU-A-2018100171                      (21) 2018100171 (22) 06.02.2018                      (54) System and method for joining and hanging ducts</p>	<p>(71) H J Fischer, LLC                      (11) AU-A-2018100171                      (21) 2018100171 (22) 06.02.2018                      (54) System and method for joining and hanging ducts</p>



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- (51) Int. Cl.  
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(72) Newman, Benjamin John  
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(11) AU-A-2018100163  
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- (51) Int. Cl.  
**E04H 12/22** ( 2006.01 )  
**E02D 5/80** ( 2006.01 )  
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(72) North, Ron  
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(54) Canister Vacuum Cleaner filter Technology Transfer to Larger Pre-Separator Container Innovation
- (51) Int. Cl.  
**A47L 9/10** ( 2006.01 )  
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 B01D 71/54 (2006.01)  
 B01D 71/68 (2006.01)  
 C08J 3/09 (2006.01)  
 C08K 5/41 (2006.01)  
 C08L 75/04 (2006.01)  
 C08L 81/06 (2006.01)  
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 B28B 23/00 (2006.01)  
 B66C 1/66 (2006.01)  
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 A61P 35/00 (2006.01)  
 C07D 213/61 (2006.01)  
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 C07K 16/28 (2006.01)  
 A61K 31/00 (2006.01)  
 C07K 16/42 (2006.01)  
 C12Q 1/68 (2006.01)  
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 C07D 249/08 (2006.01)  
 A01N 43/653 (2006.01)  
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 C07D 417/12 (2006.01)  
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 C07C 275/26 (2006.01)  
 A01N 43/48 (2006.01)  
 A01N 43/72 (2006.01)  
 A01N 47/42 (2006.01)  
 A01N 53/00 (2006.01)  
 C07D 307/34 (2006.01)  
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 A01N 43/48 (2006.01)  
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 C07D 403/12 (2006.01)  
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 A61P 33/10 (2006.01)  
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 (51) Int. Cl.  
 C07C 275/28 (2006.01)  
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 A01N 43/72 (2006.01)  
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 C07C 275/26 (2006.01)  
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 A61L 15/46 (2006.01)  
 A01K 1/015 (2006.01)  
 A61L 9/012 (2006.01)  
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 C09K 8/00 (2006.01)  
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 (51) Int. Cl.  
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 (54) Device for fastening and sealing filter fabrics and diaphragm hoses on filter candles  
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- (87) WO2017/024417  
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 (11) AU-A-2016313150  
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F21Y 113/10 ( 2016.01 )  
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 (21) 2016293538 (22) 15.07.2016  
 (54) Component-based software system and development method  
 (51) Int. Cl.  
*G06F 9/44* ( 2006.01 )  
 (87) WO2017/011718  
 (31) 62/193,151 (32) 16.07.15 (33) US  
 (43) 19.01.2017  
 (72) Young, Yi  
 (74) Shelston IP Pty Ltd.
- 
- (71) Zhuzhou Cemented Carbide Group Corp. Ltd.  
 (11) AU-A-2015404815  
 (21) 2015404815 (22) 17.11.2015  
 (54) Wolfram carbide based hard alloy and preparation method thereof  
 (51) Int. Cl.  
*C22C 29/08* ( 2006.01 )  
 (87) WO2017/020444  
 (31) 201510465155.7 (32) 31.07.15 (33) CN  
 (43) 09.02.2017  
 (72) Zhang, Hao; Zhang, Zhongjian; Xu, Tao; Zhang, Weibing; Kong, Defang; Zhang, Donghua  
 (74) K&L Gates
- 
- (71) Zimmer, Inc.  
 (11) AU-A-2016310347  
 (21) 2016310347 (22) 26.08.2016  
 (54) Directional locking reverse shoulder prostheses and systems  
 (51) Int. Cl.  
*A61F 2/40* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
 (87) WO2017/035479  
 (31) 62/210,600 (32) 27.08.15 (33) US  
 (43) 02.03.2017  
 (72) Humphrey, Steven; Wernle, James D.; Huckey, Joanna; Hoag, Stephen H.; Dye, Donald W.; Walz, Kenton A.; Wag-

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<b>2015242213</b>	Suzhou M-Conj Biotech Co., Ltd; Zhao, R.	<b>2016293610</b>	DTC Communications, Inc.
<b>2015402240</b>	Adelaide Research & Innovation Pty Ltd	<b>2016293613</b>	Blast Motion Inc.
<b>2015402333</b>	López-Pozas Lanuza, L.	<b>2016293616</b>	Blast Motion Inc.
<b>2015402336</b>	Varo Teollisuuspalvelut Oy	<b>2016293833</b>	Precision Planting LLC
<b>2015402757</b>	Ent. Services Development Corporation LP	<b>2016294412</b>	Cook Regentec LLC
<b>2015402778</b>	Taipei Medical University; Yen, Y.	<b>2016294417</b>	Immunext, Inc.
<b>2015403158</b>	Rowe, B.	<b>2016294431</b>	Qalo LLC
<b>2015403463</b>	Nanophase Technologies Corporation	<b>2016294458</b>	Outotec (Finland) Oy
<b>2015404815</b>	Zhuzhou Cemented Carbide Group Corp. Ltd.	<b>2016294459</b>	Outotec (Finland) Oy
<b>2015405226</b>	Mitsubishi Electric Corporation	<b>2016294460</b>	Outotec (Finland) Oy
<b>2015405394</b>	Electronic Controls Company	<b>2016294604</b>	Driving Management Systems, Inc.
<b>2015405648</b>	Schlumberger Technology B.V.	<b>2016294607</b>	Precision Planting LLC
<b>2015406091</b>	Amminger, T.	<b>2016294729</b>	BASF SE
<b>2015406654</b>	Rich Products Corporation	<b>2016294820</b>	Jaguar Land Rover Limited
<b>2015406876</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2016295074</b>	LG Electronics Inc.
<b>2015407320</b>	Ouyang, Y.	<b>2016295075</b>	LG Electronics Inc.
<b>2015408038</b>	Kimberly-Clark Worldwide, Inc.	<b>2016295115</b>	Genagon Therapeutics AB
<b>2015408094</b>	Micro Motion, Inc.	<b>2016295313</b>	Plon, R.
<b>2015408325</b>	Connec Limited	<b>2016295319</b>	General Electric Company
<b>2015408326</b>	Connec Limited	<b>2016295340</b>	Fitzbionics Limited
<b>2015408538</b>	SCA Hygiene Products AB	<b>2016295351</b>	Audio Inventions Limited
<b>2015408749</b>	Victor Equipment Company	<b>2016295417</b>	3RT Holding Pty Ltd
<b>2015408879</b>	Podravka D.D.	<b>2016295423</b>	The University of Queensland; Monash University
<b>2015409097</b>	Halliburton Energy Services, Inc.	<b>2016295425</b>	Medical Developments International Limited
<b>2015409175</b>	Halliburton Energy Services, Inc.	<b>2016295637</b>	Taga Bikes Ltd
<b>2015409253</b>	SCA Hygiene Products AB	<b>2016295663</b>	Landa Labs (2012) Ltd.
<b>2015409650</b>	Halliburton Energy Services Inc.	<b>2016295744</b>	Nanjing China-Spacenet Satellite Telecom Co., Ltd.
<b>2015410417</b>	British American Tobacco Mexico, S.A. DE C.V.	<b>2016295947</b>	Ad Cloud Company Limited
<b>2015410631</b>	Halliburton Energy Services, Inc.	<b>2016296116</b>	Apple Inc.
<b>2015411026</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2016296165</b>	Adama Agan Ltd.
<b>2015411093</b>	British American Tobacco Mexico, S.A. DE C.V.	<b>2016296232</b>	General Electric Company
<b>2015411094</b>	British American Tobacco Mexico, S.A. DE C.V.	<b>2016296421</b>	Milanese, A.
<b>2015411714</b>	Novartis AG	<b>2016296502</b>	ConocoPhillips Company; Prieur, J.; Hood, A.; Milne, I.; Cromar, S.
<b>2015411911</b>	Novartis AG	<b>2016296592</b>	Arcturus Therapeutics, Inc.
<b>2015412489</b>	Komatsu Ltd.	<b>2016296922</b>	Biosynthesis
<b>2015413335</b>	Halliburton Energy Services, Inc.	<b>2016296997</b>	Taipei Medical University
<b>2015413352</b>	Multi-Chem Group, LLC	<b>2016297077</b>	GI Scientific, LLC
<b>2015414721</b>	Halliburton Energy Services, Inc.	<b>2016297274</b>	General Electric Company
<b>2015414757</b>	Halliburton Energy Services, Inc.	<b>2016297537</b>	General Electric Company
<b>2016222637</b>	Decision Sciences Medical Company, LLC	<b>2016297558</b>	Genzyme Corporation
<b>2016276854</b>	Amiblu Holding GmbH	<b>2016297565</b>	Lockdowel, Inc.
<b>2016289079</b>	Mitsubishi Tanabe Pharma Corporation	<b>2016297566</b>	Lockdowel, Inc.
<b>2016289233</b>	Go Flat Rack Limited	<b>2016297654</b>	Cepheid
<b>2016290225</b>	Nofar, G.	<b>2016297656</b>	Cepheid
<b>2016290898</b>	Kortek Industries Pty Ltd	<b>2016297677</b>	Medical Developments International Limited
<b>2016291566</b>	Greeneden U.S. Holdings II, LLC	<b>2016297678</b>	Medical Developments International Limited
<b>2016291641</b>	Novozymes A/S; Board of Trustees of The University of Arkansas acting for and on behalf of The University of Arkansas System, Division of Agriculture, University of Arkansas	<b>2016297679</b>	Medical Developments International Limited
<b>2016291660</b>	15 Seconds of Fame, Inc.	<b>2016297700</b>	AP&C Advanced Powders & Coatings Inc.
<b>2016291825</b>	Yeda Research and Development Co. Ltd.	<b>2016297718</b>	CC3D LLC
<b>2016291836</b>	Bharat Biotech International Limited	<b>2016297866</b>	Cepheid
<b>2016291882</b>	Envirosteel Inc	<b>2016297895</b>	Novel Microdevices, LLC (DBA Novel Devices)
<b>2016292362</b>	Albemarle Corporation; Hintze, M.; Fickling, J.	<b>2016297922</b>	Novel Microdevices, LLC (DBA Novel Devices)
<b>2016292486</b>	LG Electronics Inc.	<b>2016297923</b>	LightLab Imaging, Inc.
<b>2016292654</b>	Castillo, J.	<b>2016297930</b>	LightLab Imaging, Inc.
<b>2016292888</b>	PharmaFluidics NV	<b>2016298095</b>	Advanced Animal Diagnostics, Inc.
<b>2016292910</b>	Morris, C.	<b>2016298101</b>	Nasdaq, Inc.
<b>2016293066</b>	Smart Solutions Technologies, S.L.	<b>2016298108</b>	Lankenau Institute for Medical Research
<b>2016293118</b>	UCB Biopharma SPRL	<b>2016298176</b>	J&M Shuler Medical, Inc.
<b>2016293121</b>	UCB Biopharma SPRL	<b>2016298207</b>	Nasdaq, Inc.
<b>2016293249</b>	Strange, S.	<b>2016298212</b>	Nasdaq, Inc.
<b>2016293309</b>	Q-Bot Limited	<b>2016298326</b>	Gradiant Corporation
<b>2016293395</b>	Raison Investments Inc.	<b>2016298370</b>	Sharklet Technologies, Inc.; University of Florida Research Foundation, Inc.
<b>2016293485</b>	Ancestry.com DNA, LLC	<b>2016298439</b>	Expression Pathology, Inc.
<b>2016293538</b>	Young, Y.	<b>2016298530</b>	Caterpillar Inc.
		<b>2016298535</b>	Caterpillar Inc.
		<b>2016298636</b>	Kverneland Group Ravenna S.r.l.

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2016298754	Parkeon Transit Limited	2016305715	National Oilwell Varco Denmark I/S
2016298778	Liber8tech Hungary Kft.	2016305746	Connexios Life Sciences Pvt. Ltd
2016299196	Beiersdorf AG	2016305968	Hyalex Orthopaedics, Inc.
2016299324	Lucobit AG	2016306000	Razer (Asia-Pacific) Pte. Ltd.; Huizhou Greetech Electronics Co., Ltd.
2016299544	Samyang Biopharmaceuticals Corporation	2016306004	Royal United Hospitals Bath NHS Foundation Trust
2016299546	Samyang Biopharmaceuticals Corporation	2016306087	VIIV Healthcare UK (No.5) Limited
2016299778	BASF SE	2016306088	Viiv Healthcare UK (No.5) Limited
2016299832	Essilor International	2016306090	Novartis AG; Palobiofarma, S.L.
2016299870	Saipem S.p.A.	2016306111	P&T Global Solutions, LLC
2016299874	Wix.com Ltd.	2016306203	Corning Optical Communications LLC
2016300508	Takano, M.	2016306224	Panasonic Intellectual Property Management Co., Ltd.
2016301027	Universitat de Barcelona	2016306227	Panasonic Intellectual Property Management Co., Ltd.
2016301189	The University of Utah Research Foundation; The University of Southern California Research Foundation; Episona, Inc.	2016306301	Calcimedica, Inc.; VA Medical Center
2016301200	Brelko Patents (Pty) Ltd	2016306320	Osaka University
2016301302	Vaxiiion Therapeutics, LLC	2016306380	Biomedical Enterprises, Inc.
2016301319	Nextivity, Inc.	2016306425	Sharp Kabushiki Kaisha
2016301334	Otis Elevator Company	2016306607	Karl Leibinger Medizintechnik GmbH & Co. KG
2016301365	Cargill, Incorporated	2016306707	Swivelpole Patent Pty Ltd
2016301367	Dow Global Technologies LLC; Rohm and Haas Company	2016307009	DSI Getränkearmaturen GmbH
2016301387	Carlisle Fluid Technologies, Inc.	2016307064	Ludwig-Maximilians-Universität München; Bein, T.; Engelke, H.; Feckl, J.; Freiherr Von Schirnding, C.
2016301400	Facebook, Inc.	2016307065	Genoplane-Valor
2016301696	Toho Chemical Industry Co., Ltd.	2016307118	Karl Leibinger Medizintechnik GmbH & Co. KG
2016301712	Huawei Technologies Co., Ltd.	2016307210	Pandt Global Solutions, LLC
2016301816	Kuhnle Pharm. Co., Ltd.	2016307384	TDF; Universite de Rennes 1
2016302005	Metro International Biotech, LLC	2016307408	Stripe, Inc.
2016302235	The Feinstein Institute for Medical Research	2016307441	Cubic Corporation
2016302243	Quadriga Biosciences, Inc.	2016307569	LG Electronics Inc.
2016302330	Bonerb, T.	2016307806	Outotec (Finland) Oy
2016302344	The Wistar Institute of Anatomy and Biology	2016307821	Paragraf Limited
2016302371	Equifax Inc.	2016307843	Cubic Corporation
2016302384	University of South Australia	2016307845	Merck Sharp & Dohme Corp.
2016302402	Australian Defence Apparel Pty Ltd	2016307882	Karus Therapeutics Ltd
2016302644	IGISU Co., Ltd.	2016307885	Karus Therapeutics Ltd
2016302744	Biopath Automation, L.L.C.	2016307886	Karus Therapeutics Ltd
2016303210	Corning Optical Communications LLC	2016307887	Karus Therapeutics Ltd
2016303212	Caterpillar Inc.	2016307889	Karus Therapeutics Ltd
2016303363	Legrand Electric Limited	2016307932	Johnson & Johnson Consumer Inc.
2016303370	Legrand Electric Limited	2016307951	Ivantis, Inc.
2016303395	Caterpillar Inc.	2016307955	Macrogenics, Inc.
2016304219	Negri, M.	2016307964	ViaSat, Inc.
2016304431	GreenBone Ortho S.r.l.	2016307969	GlaxoSmithKline Intellectual Property Development Limited
2016304439	STW S.r.l.	2016307976	Lupin Limited
2016304444	S.P.M. Drink Systems S.p.A.	2016307987	VIIV Healthcare UK (No.5) Limited
2016304604	Brelko Patents (Pty) Ltd	2016308040	The Coca-Cola Company
2016304752	Enlightenvue, LLC	2016308097	Salesforce.com, Inc.
2016304791	DRM, Dr. Muller AG	2016308130	MasterCard International Incorporated
2016304872	Roll Recovery, LLC	2016308150	Transworld Holdings PCC Limited (S1 Technology Cell); Abel, M.; Mages, K.
2016304879	ViaSat, Inc.	2016308161	Dow AgroSciences LLC
2016305010	Trice Medical, Inc.	2016308178	Alibaba Group Holding Limited
2016305075	Legend Biotech Ireland Limited	2016308193	Abiomed, Inc.
2016305087	Massachusetts Institute of Technology; Zheng, Y.	2016308257	BLY IP, Inc.
2016305122	National Oilwell Varco Denmark I/S	2016308262	Astrazeneca AB
2016305123	National Oilwell Varco Denmark I/S	2016308286	Aspyrian Therapeutics, Inc.
2016305125	National Oilwell Varco Denmark I/S	2016308290	Aspyrian Therapeutics, Inc.
2016305160	Franke Kaffeemaschinen AG	2016308206	Astellas Pharma Inc.
2016305252	Karl Leibinger Medizintechnik GmbH & Co. KG	2016308447	M&R Printing Equipment, Inc.
2016305330	Faiveley Transport Italia S.p.A.	2016308466	The Regents of The University of California
2016305475	Red Meters LLC	2016308567	Janssen Pharmaceutica NV
2016305485	Evolution Resource Group Pty Ltd	2016308573	Arteon, M.
2016305486	Field Orthopaedics Pty Ltd	2016308598	Venner Medical Technologies SA; Mariyaselvam, M.; Young, P.
2016305496	Akaal Pharma Pty Ltd	2016308617	Autolus Limited
2016305498	Metamako General Pty Ltd in its capacity as general partner of Metamako Technology LP	2016308618	Autolus Ltd
2016305513	Neomed Institute	2016308629	Dash LLC
2016305515	Neomed Institute	2016308653	Clarcor Inc.
2016305530	Arch Personal Care Products, LP	2016308671	Precision Alignment Holdings Pty Ltd
2016305553	Evolution Biotechnologies Ltd	2016308701	Telefonaktiebolaget LM Ericsson (publ)
2016305592	UPL Limited	2016308748	Monsanto Technology LLC
2016305714	National Oilwell Varco Denmark I/S		

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2016308793	H3 Dynamics Holdings Pte. Ltd.	2016313110	Adamis Pharmaceuticals Corporation
2016308822	W. L. Gore & Associates, Inc.	2016313150	DronSystems Limited
2016308829	Karyopharm Therapeutics Inc.	2016313168	Rife, R.; Vining, L.
2016308852	Harnischfeger Technologies, Inc.	2016313213	Kemira Oyj
2016309010	Anheuser-Busch, LLC	2016313226	JSP Limited
2016309108	Huawei Technologies Co., Ltd.	2016313248	DEB IP Limited
2016309552	Mequ A/S	2016313274	Kimberly-Clark Worldwide, Inc.
2016309565	Northrop Grumman LITEF GmbH	2016313504	The Children's Hospital Of Philadelphia
2016309596	Cubic Corporation	2016313506	The Children's Hospital Of Philadelphia
2016309738	Deutsches Zentrum Für Neurodegenerative Erkrankungen E.V. (DZNE)	2016313704	British American Tobacco (Investments) Limited
2016309786	Elevance Renewable Sciences, Inc.	2016313849	Imperial College of Science, Technology and Medicine
2016309822	Huawei Technologies Co., Ltd.	2016313906	Shell Internationale Research Maatschappij B.V.
2016309833	Jinan University; Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2016313999	Sawafuji Electric Co., Ltd.
2016309857	Beijing DiDi Infinity Technology and Development Co., Ltd.	2016314055	CGG Services SAS
2016309945	Maximum Soil and Water Productivity Pty Ltd	2016314621	Poli MD S.r.l.; Poli, E.
2016309948	The University of Sydney; Western Sydney Local Health District	2016314786	ICON Engineering Pty Ltd
2016309956	Auzfresh Holdings Pty Ltd	2016314824	Nagata, T.; Nakatani, Y.
2016309959	Jbooks Holdings Pty Ltd	2016314973	AbbVie Inc.; AbbVie Deutschland GmbH & Co. KG
2016309964	VHS IP Pty Ltd	2016315133	Chr. Hansen A/S
2016310074	Gako International GmbH	2016315139	CHR. Hansen A/S
2016310087	PCC Rokita SA	2016315145	Chr. Hansen A/S
2016310090	PCC Rokita SA	2016315269	Chr. Hansen A/S
2016310117	Depuy Ireland Unlimited Company	2016315309	Liquid Vanity ApS
2016310269	Shanutec (Shanghai) Co., Ltd.	2016315409	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung E. V.
2016310347	Zimmer, Inc.	2016315444	BioNTech RNA Pharmaceuticals GmbH
2016310408	Macnaughton, D.	2016315589	Kimberly-Clark Worldwide, Inc.
2016310494	Alnylam Pharmaceuticals, Inc.	2016315632	Bayer HealthCare LLC
2016310540	TomTom Navigation B.V.; TomTom Telematics B.V.	2016315699	The Trustees of the University of Pennsylvania
2016310558	Telefonaktiebolaget LM Ericsson (publ)	2016315703	The Trustees of the University of Pennsylvania
2016310584	Tortillard, D.	2016315711	Medtronic Inc.
2016310626	Galvani Bioelectronics Limited	2016315724	OpenTV, Inc.
2016310634	Eliezer Krausz Industrial Development Ltd.	2016315785	Becton, Dickinson and Company
2016310966	LG Electronics Inc.	2016315839	Abbott Medical Optics Inc.
2016311057	Hip Innovation Technology, LLC	2016315862	The Regents of the University of Michigan
2016311094	The Regents of the University of California; Syngenta Participations AG	2016315938	Cape Analytics, Inc.
2016311181	Neozyme International, Inc.	2016315941	The Regents of the University of California
2016311182	Neozyme International, Inc.	2016315943	Porifera, Inc.
2016311253	Boston Scientific Scimed, Inc.	2016315947	Masimo Corporation
2016311265	Trustees of Boston University	2016316032	Abbott Medical Optics Inc.
2016311268	Trianni, Inc.	2016316309	MediaTek Inc.
2016311288	Fiamma S.p.A.	2016316317	MediaTek Inc.
2016311334	Crystal Bioscience Inc.	2016316596	LANXESS Deutschland GmbH
2016311359	Accenture Global Services Limited	2016316712	Studiengesellschaft Kohle MbH
2016311382	Copan Italia S.p.A.	2016316751	CRISI Medical Systems, Inc.
2016311391	Biatec Laser Technology S. R. O.	2016316784	BASF Agro B.V.
2016311399	My Size Israel 2014 Ltd.	2016316807	Biocompatibles UK Limited
2016311439	RCM Enterprise, LLC	2016316842	Dana-Farber Cancer Institute, Inc.
2016311440	Snooz, LLC	2016316933	Apple Inc.
2016311504	Appelbaum, J.	2016316947	Vapotherm, Inc.
2016311872	Kao Corporation	2016317046	Nutramax Laboratories, Inc.
2016311962	Fujifilm Corporation	2016317094	The Curators of the University of Missouri
2016312011	BeiGene, Ltd.	2016317469	Dow AgroSciences LLC
2016312080	Huawei Technologies Co., Ltd.	2016317579	Dow AgroSciences LLC
2016312425	Cubic Corporation	2016317580	Microaire Surgical Instruments, LLC.
2016312493	Boston Scientific Scimed, Inc.	2016317582	Dow AgroSciences LLC
2016312510	ARMO BioSciences, Inc.	2016317770	MED-EL Elektromedizinische Geraete GmbH
2016312517	Otis Elevator Company	2016317800	LG Electronics Inc.
2016312679	Medtronic Xomed, Inc.	2016317836	Dow AgroSciences LLC
2016312736	Autophagysciences Inc.	2016317936	Tocagen Inc.
2016312870	ImmuneBiotech Medical Sweden AB	2016317948	Lockheed Martin Corporation
2016312880	Bayer Pharma Aktiengesellschaft	2016317990	Avantium Knowledge Centre B.V.
2016312904	Bayer Pharma Aktiengesellschaft	2016318042	Ecolab USA Inc.
2016312916	Element Six GmbH; Element Six (UK) Limited	2016318336	Dow AgroSciences LLC
2016312935	Temasek Polytechnic; Awak Technologies Pte Ltd	2016318434	Fresenius Medical Care Holdings, Inc.
2016312967	Commonwealth Scientific and Industrial Research Organisation	2016318622	TransMedics, Inc.
2016313064	Fiamma S.p.A.	2016318774	Cellular Dynamics International, Inc.
		2016318839	Grirem Advanced Materials Co., Ltd.
		2016318944	Flow-Rite Controls, Ltd.
		2016318998	Dematic Corp.
		2016319213	Frid Mind Technologies
		2016319304	Jennewein Biotechnologie GmbH



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2016320317	Janssen Pharmaceutica NV	2016353693	Telefonaktiebolaget LM Ericsson (publ)
2016320326	Shell Internationale Research Maatschappij B.V.	2016358161	PITCO Frialator, Inc.
2016320401	Brita GmbH	2016359149	Google LLC
2016320505	GW Pharma Limited	2016373923	Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France
2016320544	BV Biomed Ltd	2016390250	Beijing DiDi Infinity Technology and Development Co., Ltd.
2016320551	Oxford University Innovation Limited	2016399760	Cascade Corporation
2016320585	Apple Inc.	2017213662	Warstone Innovations, LLC
2016320946	Sony Corporation	2017216403	Warstone Innovations, LLC
2016321150	The Regents of The University of California	2017227259	The University of Tokyo
2016321761	Unilever PLC	2017239870	JX Nippon Mining & Metals Corporation
2016321993	Arkema France	2017281239	Colgate-Palmolive Company
2016321998	Dyson Technology Limited	2017281341	Colgate-Palmolive Company
2016321999	Dyson Technology Limited	2017281776	Colgate-Palmolive Company
2016322017	Hueyify Pty Ltd	2017293401	Downhole Technology, LLC
2016322277	Jiangsu University of Science and Technology	2017302896	NTT DoCoMo, Inc.
2016322412	Tasly Pharmaceutical Group Co., Ltd.		
2016322413	Tasly Pharmaceutical Group Co., Ltd.		
2016322686	Dyson Technology Limited		
2016322701	Reckitt Benckiser (Brands) Limited		
2016322703	Reckitt Benckiser (Brands) Limited		
2016323129	MasterCard International Incorporated		
2016323254	LEO Pharma A/S		
2016323535	Janssen Pharmaceutica, Inc.; Katholieke Universiteit Leuven		
2016323780	Agrivida, Inc.		
2016323994	Boston Scientific Scimed, Inc.		
2016324266	Daikin Industries, Ltd.		
2016324317	Switch Bio, Inc.		
2016324556	Samsung Electronics Co., Ltd.		
2016325058	Dyson Technology Limited		
2016325665	Pfizer Inc.		
2016326657	Context Biopharma, Inc.		
2016326867	F. Hoffmann-La Roche AG		
2016327234	BJM Putter Grips Limited		
2016328693	Janssen Pharmaceutica NV		
2016329032	Novartis AG		
2016329891	Nicoventures Holdings Limited		
2016330964	Novira Therapeutics, Inc.		
2016332997	Telefonaktiebolaget LM Ericsson (publ)		
2016333334	Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg		
2016333343	SEW-EURODRIVE GmbH & Co. KG		
2016333787	Horton, Inc.		
2016333789	Horton, Inc.		
2016334370	Johnson Controls Technology Company		
2016335612	Dentsply DeTrey GmbH		
2016335750	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Maryland, College Park		
2016335826	Boston Scientific Scimed, Inc.		
2016335827	Boston Scientific Scimed, Inc.		
2016336266	Dentsply DeTrey GmbH		
2016336792	Nestec S.A.		
2016336925	Aker Solutions AS		
2016337413	Novartis AG		
2016337416	Novartis AG		
2016338478	SICPA HOLDING SA		
2016339738	Becton Dickinson Rowa Germany GmbH		
2016342223	Nestec S.A.		
2016343134	Electrolux Appliances Aktiebolag		
2016343218	Nestec S.A.		
2016344476	Merck Sharp & Dohme Corp.		
2016345668	F. Hoffmann-La Roche AG		
2016346823	Teijin Pharma Limited		
2016348234	Google LLC		
2016348237	Waterous Company		
2016348648	Boehringer Ingelheim International GmbH		
2016350985	Jiangsu University of Science and Technology		
2016351383	Google LLC		
2016351603	Boston Scientific Scimed, Inc.		
2016351659	SICPA HOLDING SA		
2016352522	NEC Corporation		

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<b><u>A01B 13 /-</u></b>	<b><u>A01N 31 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47K 13 /-</u></b>	2016298095
2016309945	2016310584	2016315269	2016358161	2016313168	2016308466
	<b><u>A01N 33 /-</u></b>	<b><u>A23C 13 /-</u></b>	<b><u>A24C 5 /-</u></b>		2016310626
<b><u>A01B 15 /-</u></b>	2016315309	2015406654	2015410417	<b><u>A47K 5 /-</u></b>	2016312935
2016309945			2015411094	2016313248	2016313274
	<b><u>A01N 37 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A24D 1 /-</u></b>		2016315947
<b><u>A01B 49 /-</u></b>	2016294729	2016315269	2015410417	<b><u>A47L 11 /-</u></b>	2016321150
2016309945	2016296165		2015411094	2016305160	
	2016318042	<b><u>A23C 20 /-</u></b>			<b><u>A61B 50 /-</u></b>
<b><u>A01C 5 /-</u></b>	<b><u>A01N 43 /-</u></b>	2016315269	<b><u>A24D 3 /-</u></b>	<b><u>A47L 15 /-</u></b>	2016308598
2016309945	2016294729		2015410417	2016307569	2016337416
	2016311094	<b><u>A23C 21 /-</u></b>	2015411093		
<b><u>A01C 7 /-</u></b>	2016316596	2015406654	2015411094	<b><u>A47L 5 /-</u></b>	<b><u>A61B 8 /-</u></b>
2016293833	2016316784			2016310966	2016222637
2016294607	2016317469	<b><u>A23C 9 /-</u></b>	<b><u>A24F 47 /-</u></b>	2016321998	<b><u>A61B 90 /-</u></b>
	2016317579	2015406654	2016313704	2016321999	2016298176
<b><u>A01D 57 /-</u></b>	2016317582	2016315133	2016329891	2016322686	2016307118
2016304439	2016317836	2016315139		2016325058	2016337416
	2016318336	2016315145	<b><u>A42B 1 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61C 13 /-</u></b>
<b><u>A01F 15 /-</u></b>	<b><u>A01N 47 /-</u></b>	2016315269	2016295313	2016292486	2016292910
2016298636	2016296165	<b><u>A23F 3 /-</u></b>		2016310966	<b><u>A61C 17 /-</u></b>
	2016315309	2016293395	<b><u>A42B 3 /-</u></b>	2016321998	2015407320
<b><u>A01G 9 /-</u></b>	2016317579		2016313226	2016321999	
2015406091	2016317582	<b><u>A23F 5 /-</u></b>	<b><u>A44B 18 /-</u></b>	2016322686	<b><u>A61C 8 /-</u></b>
	2016318336	2016290225		2016325058	2016292910
<b><u>A01H 1 /-</u></b>	<b><u>A01N 53 /-</u></b>	2016336792	2015409253	<b><u>A61B 1 /-</u></b>	<b><u>A61F 13 /-</u></b>
2016308161	2016317579	<b><u>A23G 9 /-</u></b>		2016294412	2015403158
	2016317582	2016304444	<b><u>A44C 25 /-</u></b>	2016297077	2015408038
<b><u>A01H 3 /-</u></b>			2016294431	2016304752	2015408538
2016308161	<b><u>A01N 57 /-</u></b>	<b><u>A23K 10 /-</u></b>		2016305010	2015409253
	2016294729	2016291641	<b><u>A44C 9 /-</u></b>	2016311253	2016298176
<b><u>A01H 5 /-</u></b>	2016305592	2016323780	2016294431	2016317580	2016311382
2016308161	<b><u>A01N 63 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A45F 3 /-</u></b>	<b><u>A61B 10 /-</u></b>	2016315589
2016317094	2016305553	2016291641	2016302402	2016297895	<b><u>A61F 2 /-</u></b>
	2016308748			<b><u>A61B 17 /-</u></b>	2016295340
<b><u>A01K 1 /-</u></b>	2016311182	<b><u>A23K 50 /-</u></b>	<b><u>A47C 20 /-</u></b>	2016297077	2016305486
2016301367		2016291641	2016310408	2016306380	2016307951
	<b><u>A01N 65 /-</u></b>			2016308466	2016310117
<b><u>A01K 21 /-</u></b>	2016310584	<b><u>A23L 2 /-</u></b>	<b><u>A47G 1 /-</u></b>	2016312493	2016310347
2016315699		2016290225	2016297565	2016312679	2016311057
	<b><u>A01P 13 /-</u></b>	2016290225		2016315862	2016311439
<b><u>A01K 29 /-</u></b>	2016305592	2016293395	<b><u>A47J 31 /-</u></b>	<b><u>A61B 18 /-</u></b>	2016312679
2016315699	2016316784	<b><u>A23L 27 /-</u></b>	2016342223	2016311253	2016315711
	<b><u>A01P 17 /-</u></b>	2015408879	2016343218	2016312493	2016319213
<b><u>A01K 67 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61B 3 /-</u></b>	2016323994
2016293121	2016310584	2016315133	2016358161	2015411714	2016337416
2016311268				2016307951	2016351603
2016311334	<b><u>A01P 21 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47J 43 /-</u></b>	2016337413	<b><u>A61F 5 /-</u></b>
	2016311094	2015408879	2016293395	<b><u>A61B 5 /-</u></b>	2016292654
<b><u>A01N 25 /-</u></b>	<b><u>A01P 3 /-</u></b>		<b><u>A47K 10 /-</u></b>	2016293066	2016311439
2016294729	2016315309		2016313168	2016297923	<b><u>A61F 9 /-</u></b>
2016305592				2016297930	2015411911
2016310584					2016307951
2016316784					2016337413

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

<b><u>A61G 12/-</u></b>	2016323535 2016324317 2016325665 2016328693 2016330964 2016333334 2016344476	2016346823	<b><u>A61M 1/-</u></b>	<b><u>A61P 1/-</u></b>	<b><u>A61P 35/-</u></b>
2016337416		<b><u>A61K 48/-</u></b>	2016298176 2016308193 2016315785 2016316032 2016318434	2016289079 2016296592 2016312870 2016313504	2015242213 2016291825 2016298439 2016302005 2016302243 2016305075 2016305513 2016305515 2016306090 2016306320 2016307845 2016307882 2016307885 2016307886 2016307887 2016307889 2016308286 2016308290 2016308829 2016309833 2016312011 2016317936 2016328693 2016333334 2016335750
<b><u>A61G 7/-</u></b>		2016308618 2016315444 2016315703			
2016310408 2016315947		<b><u>A61K 49/-</u></b>	<b><u>A61M 11/-</u></b>	<b><u>A61P 11/-</u></b>	
<b><u>A61H 1/-</u></b>	<b><u>A61K 35/-</u></b>	2016311265 2016313506	2016294412 2016348648	2016302644	
2016304872	2016291825 2016301302 2016306320 2016308617 2016312870 2016315133	<b><u>A61K 6/-</u></b>	<b><u>A61M 15/-</u></b>	<b><u>A61P 17/-</u></b>	
<b><u>A61H 15/-</u></b>		2016335612 2016336266	2016295425 2016297677 2016297678 2016297679 2016348648	2016302005 2016302644 2016305496 2016305513 2016305746	
2016304872		<b><u>A61K 8/-</u></b>		<b><u>A61P 19/-</u></b>	
<b><u>A61H 7/-</u></b>	<b><u>A61K 36/-</u></b>	2015403463 2016295663 2016296922 2016299196 2016302644 2016305530 2016307932 2017281239 2017281341 2017281776	<b><u>A61M 16/-</u></b>	2016289079 2016298108	
2016304872	2016296922 2016307932 2016317046	<b><u>A61K 9/-</u></b>	2016292654 2016294412 2016316947	<b><u>A61P 25/-</u></b>	
<b><u>A61J 1/-</u></b>		2016299544 2016299546 2016301816 2016302644 2016305087 2016307064 2016307882 2016307886 2016308286 2016314621 2016315699 2016316807 2016346823	<b><u>A61M 25/-</u></b>	2016289079 2016295423 2016302005 2016308406 2016314973 2016317046 2016320505 2016324317 2016325665	
2016308286	<b><u>A61K 38/-</u></b>	<b><u>A61K 15/-</u></b>	2016294412 2016308193 2016315785 2016315862	<b><u>A61P 29/-</u></b>	
<b><u>A61J 3/-</u></b>	2016294417 2016295423 2016302235 2016302644 2016308618 2016312510 2016315699 2016316842 2016317046 2016320544 2016333334 2016346823	2016299544 2016299546 2016301816 2016302644 2016305087 2016307064 2016307882 2016307886 2016308286 2016314621 2016315699 2016316807 2016346823	<b><u>A61M 27/-</u></b>	2016289079 2016302235 2016302644 2016305513 2016305515 2016307845 2016323254 2016335750	<b><u>A61P 37/-</u></b>
<b><u>A61K 31/-</u></b>		<b><u>A61L 15/-</u></b>	2016298176 2016306004	<b><u>A61P 31/-</u></b>	
2015402778 2016289079 2016296997 2016298439 2016299544 2016299546 2016301027 2016301816 2016302005 2016302243 2016302384 2016305496 2016305513 2016305515 2016305746 2016306087 2016306088 2016306090 2016306301 2016307882 2016307885 2016307886 2016307969 2016307987 2016308406 2016308829 2016309738 2016309833 2016309948 2016310494 2016311504 2016312011 2016312736 2016312880 2016312904 2016313504 2016314621 2016314973 2016317046 2016320505 2016320544 2016323254	<b><u>A61K 39/-</u></b>	2016301367	<b><u>A61M 29/-</u></b>	2016289079 2016302235 2016302644 2016305513 2016305515 2016308406 2016323254	<b><u>A61P 43/-</u></b>
	2016291825 2016291836 2016294417 2016298108 2016302344 2016305087 2016306090 2016306320 2016307845 2016307955 2016308262 2016308617 2016311268 2016311334 2016313506 2016315703 2016335750	<b><u>A61L 2/-</u></b>	<b><u>A61M 3/-</u></b>	<b><u>A61P 33/-</u></b>	
		<b><u>A61L 27/-</u></b>	2016316032	2016302005 2016302644 2016310494 2016324317 2016325665	
		<b><u>A61L 29/-</u></b>	<b><u>A61M 37/-</u></b>	<b><u>A61P 35/-</u></b>	
		2016301367	2016311265	2015242213 2016291825 2016302005 2016302235 2016306087 2016306088 2016307969 2016307987 2016314621 2016323535 2016330964	<b><u>A61P 5/-</u></b>
		<b><u>A61L 9/-</u></b>	<b><u>A61M 39/-</u></b>	<b><u>A61P 7/-</u></b>	
		2016315785	2016298176 2016318622	2016302235 2016302644	
			<b><u>A61M 5/-</u></b>	<b><u>A61P 9/-</u></b>	
			2016308193 2016309552 2016313110 2016315632 2016316751	2015408879 2016301027 2016302005 2016302644 2016309948 2016311504 2016312880 2016312904	
			<b><u>A61N 1/-</u></b>	<b><u>A61Q 1/-</u></b>	
			2016310626 2016317770	2016305530	
			<b><u>A61N 2/-</u></b>	<b><u>A61Q 11/-</u></b>	
			2017227259	2017281239 2017281341 2017281776	

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<b>A61Q 15 /-</b>	<b>B01F 13 /-</b>	<b>B05B 9 /-</b>	<b>B25J 19 /-</b>	<b>B41J 2 /-</b>	2016309959 2016314786
2016299196	2016293395	2016313248	2016293309 2016317948	2016311872 2016311962	<b>B63G 8 /-</b>
<b>A61Q 17 /-</b>	<b>B01F 15 /-</b>	<b>B05D 3 /-</b>	<b>B25J 9 /-</b>	<b>B41M 1 /-</b>	2016322277
2015403463 2016295663 2016296922	2016310074	2016338478 2016351659	2016317948	2016308447	<b>B64F 1 /-</b>
<b>A61Q 19 /-</b>	<b>B01F 17 /-</b>	<b>B05D 5 /-</b>	<b>B26D 5 /-</b>	<b>B41M 5 /-</b>	2016308793
2016296922 2016302644 2016305530 2016307932	2015403463	2016338478 2016351659	2016311391	2016308447 2016311872 2016311962	<b>B65B 19 /-</b>
<b>A61Q 5 /-</b>	<b>B01F 5 /-</b>	<b>B07B 13 /-</b>	<b>B27B 1 /-</b>	<b>B42D 25 /-</b>	2015410417 2015411093
2016302644	2016294460	2016308629	2016311391	<b>B42D 25 /-</b>	<b>B65B 5 /-</b>
<b>A62B 18 /-</b>	<b>B01F 7 /-</b>	<b>B07B 4 /-</b>	<b>B27M 1 /-</b>	2016338478 2016351659	2016339738
2016313226	2016304444	2016308629	2016295417	<b>B60C 23 /-</b>	<b>B65B 59 /-</b>
<b>A62C 13 /-</b>	<b>B01J 13 /-</b>	<b>B08B 3 /-</b>	<b>B27N 3 /-</b>	2016294820	2015411093
2016348237	2016316784	2015402336 2016300508	2016295417	<b>B60N 2 /-</b>	<b>B65D 1 /-</b>
<b>A63B 23 /-</b>	<b>B01J 20 /-</b>	<b>B08B 9 /-</b>	<b>B28B 23 /-</b>	2016295637	2016309956
2016304872	2016307210	2015405648	2016308573	<b>B60P 3 /-</b>	<b>B65D 35 /-</b>
<b>A63B 53 /-</b>	<b>B01J 21 /-</b>	<b>B21D 22 /-</b>	<b>B29C 41 /-</b>	2016311288 2016313064	2016297922
2016327234	2016294431	2016309010	2016276854	<b>B60Q 1 /-</b>	<b>B65D 47 /-</b>
<b>B01D 29 /-</b>	<b>B01J 31 /-</b>	<b>B21D 24 /-</b>	<b>B29C 67 /-</b>	2015405394	2016297922
2016304791	2016317990	2016309010	2016276854 2016297718	<b>B60R 9 /-</b>	<b>B65D 81 /-</b>
<b>B01D 3 /-</b>	<b>B01J 47 /-</b>	<b>B21D 39 /-</b>	<b>B29C 70 /-</b>	2016289233	2016290225 2016309956
2016298326	2016307210	2016292362	2016276854 2016297718	<b>B60T 13 /-</b>	<b>B65D 83 /-</b>
<b>B01D 33 /-</b>	<b>B01L 3 /-</b>	<b>B21D 51 /-</b>	<b>B29D 11 /-</b>	2016305330	2016322701 2016322703
2016309964	2016297866 2016297922 2016302744	2016309010	2016299832	<b>B60T 17 /-</b>	<b>B65D 85 /-</b>
<b>B01D 39 /-</b>	<b>B01L 7 /-</b>	<b>B22F 9 /-</b>	<b>B29D 23 /-</b>	2016305330	2015410417 2015411093 2016290225
2016308653	2016297656	2016297700	2016297718	<b>B62D 55 /-</b>	<b>B65D 88 /-</b>
<b>B01D 46 /-</b>	<b>B02C 17 /-</b>	<b>B23K 20 /-</b>	<b>B32B 15 /-</b>	2015412489	2016302330
2016308822	2016307806	2016292362	2016292362	<b>B62J 1 /-</b>	<b>B65D 90 /-</b>
<b>B01D 53 /-</b>	<b>B05B 1 /-</b>	<b>B23K 9 /-</b>	<b>B32B 25 /-</b>	2016295637	2016302330
2016317990	2016300508 2016322701 2016322703	2015408749	2016294431	<b>B62K 27 /-</b>	<b>B65G 41 /-</b>
<b>B01D 61 /-</b>	<b>B05B 12 /-</b>	<b>B25J 1 /-</b>	<b>B32B 27 /-</b>	2016295637	2016307806
2016298326 2016315943	2016297656	2016293309	2016295417	<b>B62K 7 /-</b>	<b>B65G 45 /-</b>
<b>B01D 71 /-</b>	<b>B05B 13 /-</b>	<b>B25J 13 /-</b>	<b>B33Y 10 /-</b>	2016295637	2016301200 2016304604
2016321993	2016299870	2016399760	2016297718	<b>B63B 21 /-</b>	<b>B65G 65 /-</b>
<b>B01F 11 /-</b>	<b>B05B 15 /-</b>	<b>B25J 15 /-</b>	<b>B33Y 30 /-</b>	2016314786	2016304439
2016310074	2016293309	2016399760	2016297718	<b>B63B 3 /-</b>	<b>B66B 1 /-</b>
	<b>B05B 5 /-</b>	<b>B25J 18 /-</b>	<b>B41F 15 /-</b>	2016322277	
	2016301387	2016317948	2016308447	<b>B63B 35 /-</b>	
				2016293249	2016301334

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

2016312517	<b><u>C07C 233 /-</u></b>	<b><u>C07D 231 /-</u></b>	2016307987 2016308829 2016323254	2016325665	<b><u>C07K 7 /-</u></b>
<b><u>B66B 11 /-</u></b>	2016302243	2016306301		<b><u>C07D 519 /-</u></b>	2016290225 2016302644 2016333334
2016312517	<b><u>C07C 237 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 409 /-</u></b>	2016297558 2016307969	
<b><u>B66B 9 /-</u></b>	2016302243	2016289079	2016289079 2016311094 2016312736	<b><u>C07F 9 /-</u></b>	<b><u>C08F 10 /-</u></b>
2016312517	<b><u>C07C 239 /-</u></b>	<b><u>C07D 239 /-</u></b>		2016302005 2016302243 2016316712	2016316596
<b><u>B66C 1 /-</u></b>	2016302243	2016296997	<b><u>C07D 413 /-</u></b>		<b><u>C08F 12 /-</u></b>
2016308573	<b><u>C07C 243 /-</u></b>	<b><u>C07D 249 /-</u></b>	2016289079 2016301027 2016305513 2016323254	2016316596	
<b><u>B66F 9 /-</u></b>	2015242213	2016317469 2016318336		<b><u>C07H 11 /-</u></b>	<b><u>C08F 18 /-</u></b>
2016399760	<b><u>C07C 271 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 417 /-</u></b>	2016302005	2016316596
<b><u>B67D 1 /-</u></b>	2016302243	2016312736		<b><u>C07H 21 /-</u></b>	<b><u>C08F 2 /-</u></b>
2016307009 2016308040	<b><u>C07C 275 /-</u></b>	<b><u>C07D 303 /-</u></b>	2016289079 2016301027 2016302384 2016305513 2016306088 2016317469 2016323254	2016296592 2016309948 2016315703	2016299778 2016311962 2016316596
<b><u>C01B 25 /-</u></b>	2015242213 2016317579 2016317582 2016318336	2016302243		<b><u>C07K 14 /-</u></b>	<b><u>C08F 20 /-</u></b>
2016307064	<b><u>C07C 309 /-</u></b>	<b><u>C07D 307 /-</u></b>		2016295115 2016295423 2016302644 2016305075 2016307845 2016308161 2016308618 2016311182 2016315699 2016315941 2016316842 2016320551 2016323780 2016326867	2016316596
<b><u>C02F 1 /-</u></b>	2016302243	2016317579 2016317582	<b><u>C07D 471 /-</u></b>		<b><u>C08F 212 /-</u></b>
2016306111 2016315943 2016318042 2016320401	<b><u>C07C 311 /-</u></b>	<b><u>C07D 311 /-</u></b>	2016289079 2016297558 2016306088 2016312880 2016312904 2016314973	2016307845 2016308161 2016308618 2016311182 2016315699 2016315941 2016316842 2016320551 2016323780 2016326867	2016299778
<b><u>C02F 11 /-</u></b>	2015242213	<b><u>C07D 317 /-</u></b>			<b><u>C08F 220 /-</u></b>
2016309964	<b><u>C07C 401 /-</u></b>	2016326657			2016294729 2016299778 2016311962
<b><u>C02F 9 /-</u></b>	2016326657	<b><u>C07D 319 /-</u></b>	<b><u>C07D 473 /-</u></b>		<b><u>C08F 226 /-</u></b>
2016318839 2016320401	<b><u>C07C 407 /-</u></b>	2016326657	2016306088		2016299778
<b><u>C04B 103 /-</u></b>	2016318042	<b><u>C07D 333 /-</u></b>	<b><u>C07D 487 /-</u></b>		<b><u>C08F 257 /-</u></b>
2016301696	<b><u>C07C 409 /-</u></b>	2016312736	2016297558 2016298439 2016306087 2016306088 2016307987 2016309833 2016312011	2016293118 2016293121 2016295115 2016298108 2016302344 2016305075 2016306090 2016306320 2016307845 2016307955 2016307976 2016308262 2016308567 2016308617 2016309738 2016311265 2016313506 2016335750	2016299778
<b><u>C04B 24 /-</u></b>	2016318042	<b><u>C07D 401 /-</u></b>			<b><u>C08F 265 /-</u></b>
2016301696	<b><u>C07C 67 /-</u></b>	2016289079 2016305513 2016305515 2016306087 2016306088 2016309833 2016311094 2016312736 2016328693 2016344476		<b><u>C07D 491 /-</u></b>	2016311962
<b><u>C05C 1 /-</u></b>	2016320317	<b><u>C07D 207 /-</u></b>			<b><u>C08F 283 /-</u></b>
2016313906	2015242213	<b><u>C07D 209 /-</u></b>	2016307887 2016307889 2016307987 2016308406		2016294729
<b><u>C05D 9 /-</u></b>	2016323535	<b><u>C07D 211 /-</u></b>			<b><u>C08F 290 /-</u></b>
2016313906	2016330964	<b><u>C07D 403 /-</u></b>	<b><u>C07D 495 /-</u></b>		2016316807
<b><u>C05G 3 /-</u></b>	2016330964	2015242213 2016289079 2016306088 2016317836 2016328693	2016306088 2016307887 2016307889		<b><u>C08G 18 /-</u></b>
2016308748 2016313906	<b><u>C07D 213 /-</u></b>			2016311265 2016313506 2016335750	2016310087 2016310090
<b><u>C07B 53 /-</u></b>	2015242213 2016307987 2016333334 2016344476	<b><u>C07D 405 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C08G 63 /-</u></b>
2016316712				2016305075 2016306320	2016309786
<b><u>C07C 215 /-</u></b>			2016289079 2016307969	<b><u>C07K 4 /-</u></b>	<b><u>C08G 65 /-</u></b>
2016302243	<b><u>C07D 215 /-</u></b>	2016289079 2016297558 2016301027 2016305513 2016305515 2016306087	<b><u>C07D 513 /-</u></b>	2016323780	2016309786
<b><u>C07C 229 /-</u></b>	2016309833 2016311094			<b><u>C07K 5 /-</u></b>	<b><u>C08G 71 /-</u></b>
2016302243			2016289079 2016306088 2016307969	2015242213	2016309786

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

<b><u>C08G 79 /-</u></b>	<b><u>C09D 4 /-</u></b>	2016317094 2016317936 2016320551 2016323780 2016324317	<b><u>C23C 16 /-</u></b>	<b><u>D21C 5 /-</u></b>	<b><u>E04H 12 /-</u></b>
2016311181	2016320317		2016307821	2016313213	2016306707 2016314786
<b><u>C08G 8 /-</u></b>	<b><u>C09D 5 /-</u></b>		<b><u>C30B 25 /-</u></b>	<b><u>D21H 11 /-</u></b>	<b><u>E04H 15 /-</u></b>
2016301696	2016320317	<b><u>C12N 5 /-</u></b>	2016307821	2016313213	2016311288 2016313064
<b><u>C08J 3 /-</u></b>	<b><u>C09K 8 /-</u></b>	2016291825 2016305075 2016306320 2016308161 2016315941 2016317094 2016318774	<b><u>C30B 29 /-</u></b>	<b><u>D21H 17 /-</u></b>	<b><u>E04H 6 /-</u></b>
2016321993	2015405648 2015409175 2015413352 2015414721 2017293401		2016307821	2016320317	2016308793
<b><u>C08K 5 /-</u></b>			<b><u>C40B 20 /-</u></b>	<b><u>D21H 21 /-</u></b>	<b><u>E21B 15 /-</u></b>
2016321993			2016315941	2016313213 2016320317	2016314786
<b><u>C08L 101 /-</u></b>	<b><u>C10G 1 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>C40B 30 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>E21B 17 /-</u></b>
2015402333 2016305968	2016320326	2016291836 2016317936	2016315941	2016299778	2015410631
<b><u>C08L 33 /-</u></b>	<b><u>C10G 3 /-</u></b>		<b><u>C40B 40 /-</u></b>	<b><u>E01F 9 /-</u></b>	<b><u>E21B 19 /-</u></b>
2016305968	2016320326	<b><u>C12N 9 /-</u></b>	2016315941	2016299324	2016308671
<b><u>C08L 75 /-</u></b>	<b><u>C10K 1 /-</u></b>	2016301365 2016315269 2016323780	<b><u>C40B 50 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E21B 23 /-</u></b>
2016305968 2016309786 2016321993	2016320326	<b><u>C12P 19 /-</u></b>	2016315941	2016314786	2017293401
<b><u>C08L 81 /-</u></b>	<b><u>C10K 3 /-</u></b>	2016319304	<b><u>D03D 15 /-</u></b>	<b><u>E02D 31 /-</u></b>	<b><u>E21B 25 /-</u></b>
2016321993	2016320326	<b><u>C12P 21 /-</u></b>	2015403158	2017216403	2016308257
<b><u>C08L 83 /-</u></b>	<b><u>C10M 105 /-</u></b>	2016308262 2016315703	<b><u>D04B 1 /-</u></b>	<b><u>E02D 5 /-</u></b>	<b><u>E21B 3 /-</u></b>
2016294431	2016315409		2015403158	2017213662 2017216403	2016308852
<b><u>C09B 67 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12P 7 /-</u></b>	<b><u>D06F 37 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 33 /-</u></b>
2016311872	2016311182 2016321761	2016301365	2016317800	2015412489	2015413335 2015414757 2016296502 2016336925
<b><u>C09C 1 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>D06F 39 /-</u></b>	<b><u>E03C 1 /-</u></b>	<b><u>E21B 34 /-</u></b>
2015403463	2016321761	2016301189 2016309738 2016313504 2016326867	2016317800	2016300508	2016350985
<b><u>C09C 3 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>D06F 58 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>E21B 37 /-</u></b>
2015403463	2016297895 2016335826 2016345668	2016308748 2016312870 2016315133 2016315139 2016315145	2016295074 2016295075	2016308573 2017216403	2015405648
<b><u>C09D 11 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C13K 13 /-</u></b>	<b><u>D06M 13 /-</u></b>	<b><u>E04C 3 /-</u></b>	<b><u>E21B 41 /-</u></b>
2016311872 2016311962	2016301302 2016306320 2016308161 2016308748 2016311182 2016312870 2016315133	2016317990	2016296421	2017216403	2015414757 2016308852 2016336925
<b><u>C09D 167 /-</u></b>		<b><u>C22B 11 /-</u></b>	<b><u>D06M 15 /-</u></b>	<b><u>E04F 10 /-</u></b>	<b><u>E21B 43 /-</u></b>
2016309786		2017239870	2016320317	2016311288 2016313064	2015409175 2015410631 2015413352 2015414721 2016295319 2016296232 2016297274 2016297537
<b><u>C09D 17 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>D06N 3 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>E21B 47 /-</u></b>
2016311872	2016295423 2016301189 2016301365 2016305075 2016306320 2016307065 2016308161 2016311268 2016315444 2016315699 2016315703 2016315941	2017239870	2016321993	2017216403	2015413335 2016308671
<b><u>C09D 171 /-</u></b>		<b><u>C22C 29 /-</u></b>	<b><u>D21C 11 /-</u></b>	<b><u>E04G 21 /-</u></b>	
2016309786		2015404815	2015402336 2016317990	2016308573	
<b><u>C09D 175 /-</u></b>		<b><u>C23C 14 /-</u></b>	<b><u>D21C 3 /-</u></b>	<b><u>E04G 23 /-</u></b>	
2016309786		2016292362	2016317990	2017213662	
<b><u>C09D 185 /-</u></b>					
2016320317					

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

<b><u>E21B 49 /-</u></b>	2016333789	<b><u>F21W 131 /-</u></b>	<b><u>G01F 1 /-</u></b>	<b><u>G01N 9 /-</u></b>	<b><u>G05D 7 /-</u></b>
2016308257	<b><u>F16H 55 /-</u></b>	2016305252	2016316751	2016305475	2016316751
<b><u>E21B 7 /-</u></b>	2016333343	2016306607	<b><u>G01F 23 /-</u></b>		<b><u>G06F 1 /-</u></b>
2016308257	<b><u>F16K 7 /-</u></b>	<b><u>F21Y 113 /-</u></b>	2016318944	<b><u>G01R 29 /-</u></b>	2016298778
2016308671	2016306004	2016305252		2016324266	2016301712
2016308852		<b><u>F21Y 115 /-</u></b>	<b><u>G01J 3 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 11 /-</u></b>
<b><u>E21C 35 /-</u></b>	<b><u>F16L 11 /-</u></b>	2016305252	2016316933	2016318944	2016351383
2016312916	2016305123	2016306607	<b><u>G01L 1 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G06F 13 /-</u></b>
	2016305125	<b><u>F22B 37 /-</u></b>	2016296116	2016312967	2016311359
<b><u>E21C 41 /-</u></b>	2016305714	2015402336	<b><u>G01L 13 /-</u></b>	2016313274	
2016305485	2016305715	<b><u>F24C 15 /-</u></b>	2015402240	<b><u>G01S 13 /-</u></b>	<b><u>G06F 15 /-</u></b>
<b><u>E21C 50 /-</u></b>	<b><u>F16L 15 /-</u></b>	2016343134	<b><u>G01L 15 /-</u></b>	2016313150	2016298212
2016314824	2016373923	2016343134	2015402240	<b><u>G01S 15 /-</u></b>	2016299874
	<b><u>F16L 21 /-</u></b>	<b><u>F24C 7 /-</u></b>	2015402240	2016294604	2016320585
<b><u>E21F 15 /-</u></b>	2016310634	2016343134	<b><u>G01L 5 /-</u></b>		<b><u>G06F 17 /-</u></b>
2016305485	<b><u>F16L 25 /-</u></b>	<b><u>F24F 13 /-</u></b>	2016313168	<b><u>G01S 17 /-</u></b>	2015402757
<b><u>F02M 21 /-</u></b>	2016310634	2015405226	<b><u>G01M 3 /-</u></b>	2016313150	2016299874
2016298530	<b><u>F16L 27 /-</u></b>	<b><u>F24F 5 /-</u></b>	2015402240	<b><u>G01T 1 /-</u></b>	2016302371
2016298535	2016306707	2016304219	<b><u>G01N 1 /-</u></b>	2015409097	2016320585
2016303395	<b><u>F16L 33 /-</u></b>	<b><u>F24F 6 /-</u></b>	2016302744	<b><u>G01V 11 /-</u></b>	<b><u>G06F 19 /-</u></b>
<b><u>F02M 37 /-</u></b>	2016305715	2016304219	2016311382	2015413335	2016293485
2016303395	<b><u>F16L 37 /-</u></b>	<b><u>F27B 14 /-</u></b>	<b><u>G01N 11 /-</u></b>	<b><u>G01V 3 /-</u></b>	2016309857
<b><u>F04B 35 /-</u></b>	2016313248	2016291882	2015408094	2016312967	2016315839
2016313999	<b><u>F16L 53 /-</u></b>	<b><u>F27D 1 /-</u></b>	<b><u>G01N 21 /-</u></b>	2016314055	2016318434
<b><u>F04B 37 /-</u></b>	2016305122	2016291882	2016294458	<b><u>G02B 26 /-</u></b>	2016320585
2016298530	2016305123	<b><u>F27D 11 /-</u></b>	2016294459	2016316933	2016329032
<b><u>F04B 39 /-</u></b>	2016305125	2016291882	2016294460	<b><u>G02B 27 /-</u></b>	2015406876
2016313999	2016305714	<b><u>F27D 27 /-</u></b>	2016316933	2016359149	2016298778
	2016305715	2016291882	<b><u>G01N 24 /-</u></b>	<b><u>G02B 5 /-</u></b>	2016299874
<b><u>F04C 14 /-</u></b>	<b><u>F16L 9 /-</u></b>	2016291882	2016312967	2016351383	2016309822
2016336925	2016276854	<b><u>F27D 27 /-</u></b>	<b><u>G01N 27 /-</u></b>	2016359149	2016351383
<b><u>F04B 37 /-</u></b>	<b><u>F16M 11 /-</u></b>	2016291882	2016345668	2016305010	2016390250
2016298530	2016306707	<b><u>F42B 12 /-</u></b>	2016358161	<b><u>G02B 6 /-</u></b>	<b><u>G06F 9 /-</u></b>
<b><u>F04B 39 /-</u></b>	<b><u>F16N 17 /-</u></b>	2015402333	<b><u>G01N 30 /-</u></b>	2016303210	2016293538
2016298530	2016336925	2015402333	2016292888	2016306203	2016298101
<b><u>F04D 13 /-</u></b>	<b><u>F17D 5 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G02B 7 /-</u></b>	2016298207
2016336925	2015402240	2016309565	2016294459	2016322017	2016322017
<b><u>F04D 29 /-</u></b>	<b><u>F21V 21 /-</u></b>	2016310540	<b><u>G05B 15 /-</u></b>	2016323129	2016323129
2016311440	2016306707	2016313150	2016290898	2016351383	2016351383
<b><u>F16B 12 /-</u></b>	2016307118	<b><u>G01C 22 /-</u></b>	2016297866	<b><u>G05B 19 /-</u></b>	<b><u>G06K 9 /-</u></b>
2016297565	<b><u>F21V 23 /-</u></b>	2016311399	2016297922	2016311391	2016291660
2016297566	2016306607	<b><u>G01C 25 /-</u></b>	2016298439	<b><u>G05D 1 /-</u></b>	2016293613
<b><u>F16B 5 /-</u></b>	2016307118	2016309565	2016307845	2016313150	2016308097
2016297566	<b><u>G01C 22 /-</u></b>	2016309565	2016309738		2016315938
<b><u>F16D 121 /-</u></b>	2016333787	<b><u>G01C 25 /-</u></b>	2016312935		
2016297566	2016306607	2016309565	2016333334		
<b><u>F16D 121 /-</u></b>	2016307118	2016309565	2016358161		
2016333787	<b><u>G01C 25 /-</u></b>	2016297866	<b><u>G01N 35 /-</u></b>		
<b><u>F16D 35 /-</u></b>	2016306607	2016297866	2016297866		
2016333787	2016307118				

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<b><u>G06Q 10 /-</u></b>	<b><u>G08B 15 /-</u></b>	<b><u>H01Q 9 /-</u></b>	<b><u>H03M 13 /-</u></b>	<b><u>H04W 12 /-</u></b>
2016307408	2016293610	2016307384	2016305498	2016310558
2016309596		<b><u>H01R 13 /-</u></b>	<b><u>H04B 1 /-</u></b>	
2016312425	<b><u>G08C 17 /-</u></b>	2015408325	2016307964	<b><u>H04W 16 /-</u></b>
2016318998	2016303370	2015408326		2016301319
<b><u>G06Q 20 /-</u></b>	2016313274	2016310269	<b><u>H04B 7 /-</u></b>	2017302896
2016307408	<b><u>G08G 5 /-</u></b>	<b><u>H01R 24 /-</u></b>	2016295744	<b><u>H04W 24 /-</u></b>
2016307441	2016313150	2016310269	2016304879	2016301319
2016308130			2016324556	
2016308150	<b><u>G09G 3 /-</u></b>	<b><u>H01R 25 /-</u></b>	2017302896	<b><u>H04W 28 /-</u></b>
<b><u>G06Q 30 /-</u></b>	2016298778	2016310269	<b><u>H04L 1 /-</u></b>	2017302896
2016295947	<b><u>G09G 5 /-</u></b>	<b><u>H02H 3 /-</u></b>	2016305498	<b><u>H04W 36 /-</u></b>
2016307408	2016318998	2016324266	2016324556	
2016315724	<b><u>G10H 3 /-</u></b>	<b><u>H02J 13 /-</u></b>	2016353693	2016352522
<b><u>G06Q 40 /-</u></b>	2016295351	2016306224	2017302896	
2016308150	<b><u>G10K 15 /-</u></b>	2016306227	<b><u>H04L 12 /-</u></b>	<b><u>H04W 4 /-</u></b>
<b><u>G06Q 50 /-</u></b>	2016311440	<b><u>H02J 3 /-</u></b>	2016290898	2016309108
2016302371		2016306224	2016298101	<b><u>H04W 48 /-</u></b>
2016334370	<b><u>G10L 13 /-</u></b>	2016306227	2016301400	2015411026
<b><u>G06T 1 /-</u></b>	2016291566	2016334370	2016348234	2016308701
2016315938	<b><u>G10L 15 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04L 25 /-</u></b>	<b><u>H04W 52 /-</u></b>
<b><u>G06T 17 /-</u></b>	2016291566	2016306224	2016304879	2016332997
2015409650	2016320585	2016308793	<b><u>H04L 27 /-</u></b>	<b><u>H04W 72 /-</u></b>
2016307843	<b><u>G21F 9 /-</u></b>	2016297654	2016307964	2016353693
<b><u>G06T 7 /-</u></b>	2016306111	<b><u>H02K 1 /-</u></b>	2016312080	<b><u>H04W 76 /-</u></b>
2016307843	2016307210	2016297654	<b><u>H04L 29 /-</u></b>	2016310558
2016308097	<b><u>H01B 11 /-</u></b>	<b><u>H02K 11 /-</u></b>	2016298101	<b><u>H04W 8 /-</u></b>
2016313849	2016303210	2016297654	2016301400	2016306425
<b><u>G07B 1 /-</u></b>	<b><u>H01H 13 /-</u></b>	<b><u>H02K 21 /-</u></b>	2016308178	2016308701
2016298754	2016306000	2016297654	2016310558	2016352522
<b><u>G07B 15 /-</u></b>	<b><u>H01H 47 /-</u></b>	<b><u>H02K 29 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H04W 92 /-</u></b>
2016307441	2016290898	2016297654	2016304879	2016306425
<b><u>G07C 9 /-</u></b>	<b><u>H01H 9 /-</u></b>	<b><u>H02K 33 /-</u></b>	2016308701	
2016307843	2016290898	2016313999	2016324556	2016306425
<b><u>G07D 5 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H02K 7 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H05B 3 /-</u></b>
2016298754	2016318944	2016313999	2016293610	2016309552
<b><u>G07F 17 /-</u></b>	<b><u>H01M 2 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H05B 33 /-</u></b>
2016293613	2016318944	2016324266	2016316309	2016305252
<b><u>G07F 19 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H03F 1 /-</u></b>	2016316317	<b><u>H05B 37 /-</u></b>
2016298754	2016307384	2016307964	2016320946	
<b><u>G08B 1 /-</u></b>	<b><u>H01Q 5 /-</u></b>	<b><u>H03F 3 /-</u></b>	<b><u>H04N 21 /-</u></b>	2016290898
2016318998	2016315938	2016307964	2016311359	2016303363
<b><u>G08B 13 /-</u></b>			2016320946	<b><u>H05B 6 /-</u></b>
2016293610			<b><u>H04N 5 /-</u></b>	2016343134
			2016293616	
			<b><u>H04N 7 /-</u></b>	
			2016293613	
			2016320946	



Applications Accepted

Name Index

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(71) 3M Innovative Properties Company  
 (11) AU-B-2015363080  
 (21) 2015363080 (22) 04.12.2015  
 (54) Tear resistant multilayer film  
 (51) Int. Cl.  
     **B32B 27/28** ( 2006.01 )  
     **B32B 7/06** ( 2006.01 )  
 (87) WO2016/099941  
 (31) 14/574,820 (32) 18.12.14 (33) US  
 (43) 23.06.2016  
 (44) 08.03.2018  
 (72) Liu, Richard Y.; Johnson, Stephen A.;  
     Purcell, John P.  
 (74) Davies Collison Cave Pty Ltd

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(71) 5B IP Holdings Pty Ltd  
 (11) AU-B-2016374498  
 (21) 2016374498 (22) 16.12.2016  
 (54) Portable solar photovoltaic array  
 (51) Int. Cl.  
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     A01N 43/713 ( 2006.01 )  
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 A61F 13/00 ( 2006.01 )  
 A61F 13/04 ( 2006.01 )  
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 D21C 3/18 ( 2006.01 )  
 C02F 1/50 ( 2006.01 )  
 C04B 18/24 ( 2006.01 )  
 D06M 16/00 ( 2006.01 )

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**D21H 17/11** ( 2006.01 )  
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**B62K 5/08** ( 2006.01 )  
**B60G 21/00** ( 2006.01 )  
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**B62D 9/02** ( 2006.01 )  
**B62K 7/04** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
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**H01G 17/00** ( 2006.01 )  
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**A61J 1/00** ( 2006.01 )  
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**A61F 2/30** ( 2006.01 )  
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**B62D 5/32** ( 2006.01 )  
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**E02F 9/26** ( 2006.01 )  
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**C22B 60/02** ( 2006.01 )  
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**C12P 7/02** ( 2006.01 )  
**C12P 7/40** ( 2006.01 )  
**C12P 13/04** ( 2006.01 )  
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**E06B 7/04** ( 2006.01 )  
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**B29C 65/48** ( 2006.01 )  
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**B65D 81/38** ( 2006.01 )  
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**B60H 1/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C09D 5/08** ( 2006.01 )  
**B32B 27/06** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**C08L 23/20** ( 2006.01 )  
**C08L 23/22** ( 2006.01 )  
**C09D 123/20** ( 2006.01 )  
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**C12P 19/02** ( 2006.01 )  
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**A61B 17/70** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**A61F 2/28** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
**(87)** WO2014/209725  
**(31)** 61/838,604 **(32)** 24.06.13 **(33)** US  
**(43)** 14/039,628 27.09.13 US  
**(44)** 31.12.2014  
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**(74)** Fisher Adams Kelly Callinans

**(71)** Devicor Medical Products, Inc.  
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**(54)** Biopsy system  
**(51)** Int. Cl.  
**A61B 10/02** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
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**(31)** 61/771,212 **(32)** 01.03.13 **(33)** US  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Diehl Defence GmbH & Co. KG  
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**C06B 45/00** ( 2006.01 )  
**C06B 23/00** ( 2006.01 )  
**C06B 27/00** ( 2006.01 )  
**C06B 45/04** ( 2006.01 )  
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**F41J 2/02** ( 2006.01 )  
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**(74)** Fisher Adams Kelly Callinans

**(71)** Diehl Defence GmbH & Co. KG  
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**(21)** 2013206584 **(22)** 28.06.2013  
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**(51)** Int. Cl.  
**C06B 45/00** ( 2006.01 )  
**C06B 23/00** ( 2006.01 )  
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**F41J 2/02** ( 2006.01 )  
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**(72)** Hahma, Arno  
**(74)** Fisher Adams Kelly Callinans

**(71)** DMK Eis GmbH  
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**(54)** Food composition in powder form  
**(51)** Int. Cl.  
**A23G 9/04** ( 2006.01 )  
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**A23G 9/34** ( 2006.01 )  
**A23G 9/36** ( 2006.01 )  
**A23G 9/38** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**A61B 5/103** ( 2006.01 )  
**A61B 5/22** ( 2006.01 )  
**G01B 5/004** ( 2006.01 )  
**G06N 7/00** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** Method and apparatus for measuring reaction forces  
**(51)** Int. Cl.  
**A61B 5/11** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**A01N 25/12** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**A01N 25/12** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(54)** Molecules having certain pesticidal utilities, and intermediates, compositions, and processes related thereto  
**(51)** Int. Cl.  
**C07D 249/08** ( 2006.01 )  
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**B01D 53/14** ( 2006.01 )  
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 C08G 18/48 ( 2006.01 )  
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 C08L 75/04 ( 2006.01 )  
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 B08B 17/02 ( 2006.01 )  
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 C23C 8/00 ( 2006.01 )  
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 C23F 13/02 ( 2006.01 )  
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 A61K 8/04 ( 2006.01 )  
 B65D 83/14 ( 2006.01 )  
 B65D 83/38 ( 2006.01 )  
 B65D 83/60 ( 2006.01 )  
 B65D 83/64 ( 2006.01 )  
 C08J 9/14 ( 2006.01 )  
 C09K 3/30 ( 2006.01 )  
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 C11B 3/02 ( 2006.01 )  
 C11C 3/00 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 31/4439 ( 2006.01 )  
 A61P 5/26 ( 2006.01 )

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**(74)** Davies Collison Cave Pty Ltd

**(71)** Emerson Vulcan Holding LLC  
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**(51)** Int. Cl.  
**F16K 3/36** ( 2006.01 )  
**F16N 3/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 5/06** ( 2006.01 )  
**G01R 33/12** ( 2006.01 )  
**G01V 3/10** ( 2006.01 )  
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**(74)** Dark IP

**(71)** Epiroc Rock Drills Aktiebolag  
**(11)** AU-B-2013364449  
**(21)** 2013364449 **(22)** 06.12.2013  
**(54)** Gripper for a drill string component handling device, method for manoeuvring a gripper, drill string component device and rock drill rig  
**(51)** Int. Cl.  
**E21B 19/14** ( 2006.01 )  
**B25B 13/32** ( 2006.01 )  
**E21B 19/20** ( 2006.01 )  
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**(54)** Pharmaceutical composition comprising erythrocytes encapsulating a PLP-dependent enzyme and its cofactor  
**(51)** Int. Cl.  
**A61K 38/51** ( 2006.01 )

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**A61K 35/18** ( 2006.01 )  
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**(51)** Int. Cl.  
**A01G 31/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 17/072** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**A61B 17/072** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )

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**(54)** High efficiency blood pump  
**(51)** Int. Cl.  
**A61M 1/10** ( 2006.01 )  
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**(62)** 2011312596  
**(72)** Akkerman, Neil H.; Aber, Greg S.  
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**(71)** Evonik Degussa GmbH  
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**(54)** Surface treatment of particles and their use  
**(51)** Int. Cl.  
**C08K 3/00** ( 2006.01 )  
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**C08K 3/22** ( 2006.01 )  
**C08K 5/5419** ( 2006.01 )  
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**(74)** Baldwins Intellectual Property

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**(21)** 2014272157 **(22)** 03.04.2014  
**(54)** Quilt  
**(51)** Int. Cl.  
**A47G 9/02** ( 2006.01 )  
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**(71)** F. Hoffmann-La Roche AG  
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**(54)** Pyridine-2-amides useful as CB2 agonists  
**(51)** Int. Cl.  
**C07D 213/81** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/04** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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**C07D 417/14** ( 2006.01 )

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 Nettekoven, Matthias; Ricklin, Fabi-  
 enne; Roever, Stephan; Rogers-Evans,  
 Mark; Rombach, Didier; Schulz-Gasch,  
 Tanja; Westphal, Matthias  
**(74)** Spruson & Ferguson

**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-B-2014224784  
**(21)** 2014224784 **(22)** 04.03.2014  
**(54)** Novel pyrazol derivatives  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
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 Nettekoven, Matthias; Ricklin, Fabi-  
 enne; Roever, Stephan; Rogers-Evans,  
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**(71)** F. Hoffmann-La Roche AG  
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**(54)** Purine derivatives as CB2 receptor ag-  
 onists  
**(51)** Int. Cl.  
**C07D 473/16** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07D 473/18** ( 2006.01 )  
**C07D 473/34** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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 bara, Atsushi; Nettekoven, Matthias;  
 Roever, Stephan; Rogers-Evans, Mark;  
 Schulz-Gasch, Tanja  
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**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**C07D 471/14** ( 2006.01 )

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**C07D 519/00** ( 2006.01 )  
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*B01D 71/02* ( 2006.01 )  
*B01D 53/22* ( 2006.01 )  
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*B01D 69/12* ( 2006.01 )  
*C01B 23/00* ( 2006.01 )  
*C04B 35/10* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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**A61K 8/34** ( 2006.01 )  
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*A61K 9/10* ( 2006.01 )  
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**C07D 401/12** ( 2006.01 )  
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*G01N 21/64* ( 2006.01 )  
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 A61P 25/14 ( 2006.01 )  
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 H02M 7/00 ( 2006.01 )  
 H01F 27/02 ( 2006.01 )  
 H05K 7/20 ( 2006.01 )
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 A61K 31/56 ( 2006.01 )  
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 A61L 9/01 ( 2006.01 )  
 A61Q 13/00 ( 2006.01 )  
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**B60P 1/36** ( 2006.01 )  
**B62D 53/06** ( 2006.01 )  
**B62D 63/08** ( 2006.01 )  
**B65D 88/12** ( 2006.01 )  
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**A23L 33/10** ( 2016.01 )  
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**B01D 35/02** ( 2006.01 )  
**B01D 61/00** ( 2006.01 )  
**B81B 3/00** ( 2006.01 )  
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(71) W.H.P.M. Bioresearch and Technology Co., Ltd.

(11) AU-B-2014243587

(21) 2014243587 (22) 28.02.2014  
 (54) Feces sampling and detecting device and method for detecting feces based on the device

(51) Int. Cl.  
*G01N 1/02* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )

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(43) 02.10.2014  
 (44) 08.03.2018  
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 (74) Spruson & Ferguson

(71) WATSONBREW IP LIMITED

(11) AU-B-2014299416

(21) 2014299416 (22) 30.06.2014  
 (54) A beverage apparatus and method

(51) Int. Cl.  
*C12C 13/00* ( 2006.01 )  
*A47J 31/44* ( 2006.01 )

(87) WO2014/209138  
 (31) 612658 (32) 28.06.13 (33) NZ  
 618943 13.12.13 NZ  
 626351 17.06.14 NZ

(43) 31.12.2014  
 (44) 08.03.2018  
 (72) Watson, Brian Wayne; Cutfield, Richard George; Lanz, Mario  
 (74) James & Wells Intellectual Property

(71) Wisecon A/S

(11) AU-B-2014359825

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 (54) A trap

(51) Int. Cl.  
*A01M 23/16* ( 2006.01 )  
*A01M 23/30* ( 2006.01 )  
*A01M 23/38* ( 2006.01 )

(87) WO2015/081963  
 (31) PA 2013 70737 (32) 02.12.13 (33) DK  
 (43) 11.06.2015  
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 (72) Fritzbogger, Preben  
 (74) Davies Collison Cave Pty Ltd

(71) Wobben Properties GmbH

(11) AU-B-2014359166  
 (21) 2014359166 (22) 04.12.2014

(54) Wind turbine comprising a segmented tower and foundation

(51) Int. Cl.  
*E04H 12/12* ( 2006.01 )  
*E02D 27/42* ( 2006.01 )  
*E04H 12/16* ( 2006.01 )  
*E04H 12/18* ( 2006.01 )

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 (31) 10 2013 225 128.9 (32) 06.12.13 (33) DE  
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 (72) Kraft, Martin  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Xiao, Y. see Merck Patent GmbH

(21) 2013344549

(71) Xinjiang Goldwind Science & Technology Co., Ltd.

(11) AU-B-2015391632  
 (21) 2015391632 (22) 17.11.2015  
 (54) Permanent-magnetic direct-drive wind generator, system and stator thereof

(51) Int. Cl.  
*H02K 1/18* ( 2006.01 )  
*H02K 1/20* ( 2006.01 )  
*H02K 5/10* ( 2006.01 )  
*H02K 9/04* ( 2006.01 )

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 (44) 08.03.2018  
 (72) Ma, Shengjun; Xin, Ruijiang; Wang, Dong; Liu, Chengqian  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Xyleco, Inc.

(11) AU-B-2016208255

(21) 2016208255 (22) 25.07.2016  
 (54) Processing Biomass

(51) Int. Cl.  
*C12P 7/10* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
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(43) 11.08.2016  
 (44) 08.03.2018  
 (62) 2012358374  
 (72) Medoff, Marshall; Masterman, Thomas; Lynch, James  
 (74) WRAYS PTY LTD

(71) Zift, LLC.

(11) AU-B-2013299599  
 (21) 2013299599 (22) 07.08.2013

(54) Tissue attachment device and method  
 (51) Int. Cl.  
*A61B 17/04* ( 2006.01 )  
*A61C 13/00* ( 2006.01 )  
*A61F 2/02* ( 2006.01 )

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 (31) 61/680,663 (32) 07.08.12 (33) US

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 (72) Schwartz, Robert S.; Rowe, Stanton J.; Van Tassel, Robert A.; Schneider,

Applications Accepted - Name Index cont'd

Ralph; Wu, Ming; Blaeser, David John;  
Haarstad, Philip Jon; Simso, Eric J.;  
Krone, Douglas Jay; Zelickson, Brian;  
Ganz, Robert A.

(74) Phillips Ormonde Fitzpatrick

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(71) Zoetis Services LLC

(11) AU-B-2013267716

(21) 2013267716 (22) 24.05.2013

(54) Vaccination with Canine Respiratory  
Coronavirus for protection against B.  
bronchiseptica infections

(51) Int. Cl.

**A61K 39/215** ( 2006.01 )

(87) WO2013/181086

(31) 61/653,558 (32) 31.05.12 (33) US

(43) 05.12.2013

(44) 08.03.2018

(72) Shields, Shelly Lynn; Abdelmagid,  
Omar Yousif

(74) Shelston IP Pty Ltd.

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(71) ZTE Corporation

(11) AU-B-2015226655

(21) 2015226655 (22) 11.02.2015

(54) Signal processing method, base station  
and terminal

(51) Int. Cl.

**H04L 27/26** ( 2006.01 )

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(31) 201410419466.5 (32) 22.08.14 (33) CN

(43) 11.09.2015

(44) 08.03.2018

(72) Zhao, Yajun; Mo, Linmei; Xu, Hanqing

(74) Davies Collison Cave Pty Ltd

Numerical Index

<b>2011377617</b>	Bluebird Bio, Inc.	<b>2013312102</b>	Reata Pharmaceuticals, Inc.
<b>2012247041</b>	MBK Developments Pty Ltd	<b>2013312106</b>	Reata Pharmaceuticals, Inc.
<b>2012265602</b>	BMC Software, Inc.	<b>2013313030</b>	CSR Building Products Limited
<b>2012313353</b>	Medvet Science Pty Ltd	<b>2013314539</b>	Chiesi Farmaceutici S.p.A.
<b>2012320847</b>	Icon Genetics GmbH	<b>2013316101</b>	Rhodes, D.
<b>2012322762</b>	Universite Pierre et Marie Curie (Paris 6); Assistance Publique-Hospitiaux de Paris; Centre National de la Recherche Scientifique; Universite Paris-Est Creteil Val de Marne; ICM-Institut du Cerveau et de la Moelle Epi- niere; OTR3	<b>2013319946</b>	Arterius Limited
<b>2012328166</b>	Oxford BioMedica (UK) Limited	<b>2013320028</b>	VWS Westgarth Ltd.; Saipem S.A.; Total SA; Veolia Eau - Compagnie Generale Des Eaux
<b>2012343843</b>	metanomics Health GmbH	<b>2013320504</b>	Siemens Aktiengesellschaft
<b>2012347683</b>	Makerbot Industries, LLC	<b>2013320505</b>	Siemens Aktiengesellschaft
<b>2012377744</b>	Soletanche Freyssinet	<b>2013323390</b>	AMS Research Corporation
<b>2012385928</b>	Crystal Lagoons (Curacao) B.V.	<b>2013324636</b>	Julius-Maximilians-Universitat Wurzburg
<b>2012390690</b>	Terumo Kabushiki Kaisha	<b>2013324845</b>	Baoshan Iron & Steel Co., Ltd.
<b>2012392207</b>	Ecospec Global Technology Pte Ltd	<b>2013326707</b>	Linde Aktiengesellschaft
<b>2013205670</b>	ALSTOM Transport Technologies	<b>2013326867</b>	Rigel Pharmaceuticals, Inc.
<b>2013206463</b>	Source Energy Services Canadian Logistics LP	<b>2013327032</b>	The Board of Trustees of the University of Illinois
<b>2013206582</b>	Diehl Defence GmbH & Co. KG	<b>2013329889</b>	Lipocalyx GmbH
<b>2013206584</b>	Diehl Defence GmbH & Co. KG	<b>2013335001</b>	E. I. du Pont de Nemours and Company
<b>2013209818</b>	CareFusion 303, Inc.	<b>2013335106</b>	United States Gypsum Company
<b>2013216677</b>	Covidien LP	<b>2013337264</b>	Foundation Medicine, Inc.
<b>2013220747</b>	CureVac GmbH	<b>2013337277</b>	Foundation Medicine, Inc.
<b>2013224740</b>	McNeil, G.	<b>2013337284</b>	Haemonetics Corporation
<b>2013226090</b>	Amunix Operating Inc.	<b>2013337733</b>	Laboratoire Francais du Fractionnement et des Biotech- nologies; Rhizen Pharmaceuticals SA; TG Therapeut- ics, Inc.
<b>2013226166</b>	Gudpod Corp.	<b>2013337824</b>	INCYTE HOLDINGS CORPORATION
<b>2013227996</b>	IGT	<b>2013338302</b>	bioMerieux, Inc.
<b>2013230694</b>	AAA Screens Pty Ltd	<b>2013343277</b>	Oxford BioTherapeutics Ltd
<b>2013231070</b>	Johnson & Johnson Consumer Companies, Inc.	<b>2013343320</b>	Laboratoire HRA-Pharma
<b>2013234359</b>	Integra LifeSciences Switzerland Sarl	<b>2013343677</b>	Microsystemfuel S.R.L.
<b>2013235220</b>	Alios BioPharma, Inc.	<b>2013344312</b>	Saluda Medical Pty Ltd
<b>2013239408</b>	Roche Molecular Systems, Inc.	<b>2013344549</b>	Merck Patent GmbH; Lan, R.; Huck, B.; Xiao, Y.; Chen, X.
<b>2013263292</b>	Singh, M.; Sandhu, M.	<b>2013344990</b>	Edgewell Personal Care Brands, LLC
<b>2013267716</b>	Zoetis Services LLC	<b>2013345499</b>	Matsur, I.
<b>2013271773</b>	Olatec Therapeutics LLC	<b>2013346793</b>	Janssen Sciences Ireland UC
<b>2013271841</b>	International Stem Cell Corporation	<b>2013346957</b>	Bayer CropScience AG
<b>2013272414</b>	Samsung Electronics Co., Ltd.	<b>2013348225</b>	Cytec Industries Inc.
<b>2013274347</b>	Amgen Inc.	<b>2013351182</b>	Ospedale San Raffaele Srl; GlaxoSmithKline Biologic- als SA
<b>2013274667</b>	Psychogenics, Inc.	<b>2013354113</b>	F. Hoffmann-La Roche AG
<b>2013276219</b>	QuiaPEG Pharmaceuticals AB	<b>2013354884</b>	Future Titanium Technology Pty Ltd
<b>2013276982</b>	Alstom Transport Technologies	<b>2013356246</b>	NovoBiotic Pharmaceuticals, LLC
<b>2013277107</b>	Elevance Renewable Sciences, Inc.	<b>2013356790</b>	Victoria Link Limited
<b>2013277217</b>	The Trustees of the University of Pennsylvania	<b>2013357037</b>	Brook-Christin, S.
<b>2013281028</b>	Dow Global Technologies LLC	<b>2013360691</b>	Boehringer Ingelheim Vetmedica GmbH
<b>2013282410</b>	Archer Daniels Midland Company	<b>2013361755</b>	Helmholtz Zentrum Munchen Deutsches Forschung- szentrum fur Gesundheit und Umwelt (GmbH); Greiner Bio-One GmbH
<b>2013284661</b>	Japan Fine Ceramics Center; Japan Petroleum Explor- ation Co., Ltd.	<b>2013362172</b>	Nobel Biocare Services AG
<b>2013286576</b>	The General Hospital Corporation	<b>2013362789</b>	Trillium Therapeutics Inc.
<b>2013288416</b>	The University Court of The University of Glasgow	<b>2013362817</b>	Lifting Point Pty Ltd
<b>2013288827</b>	GLYTECH, LLC	<b>2013364449</b>	Epiroc Rock Drills Aktiebolag
<b>2013289984</b>	The Trustees of the University of Pennsylvania	<b>2013369643</b>	Unisense Environment A/S
<b>2013290566</b>	Glance Networks, Inc	<b>2013372969</b>	Rollins Medical Solutions, Inc.
<b>2013294956</b>	Ferring B.V.	<b>2013382035</b>	Hunter Douglas Inc.
<b>2013295391</b>	Merck Patent GmbH	<b>2013387709</b>	Saab AB
<b>2013296182</b>	SAB, LLC	<b>2013388670</b>	National ICT Australia Limited
<b>2013296709</b>	Trophogen Inc.	<b>2013408499</b>	Bird Control Group B.V.
<b>2013296803</b>	Ostertag, E.; Tavakoli, Z.	<b>2014200467</b>	Metro Frameless Glass Systems Pty Ltd
<b>2013298144</b>	Ferring B.V.	<b>2014201333</b>	Fujitsu General Limited
<b>2013298705</b>	Laboratorios Farmaceuticos Rovi, S.A.	<b>2014201392</b>	PGS Geophysical AS
<b>2013299495</b>	Smith & Nephew, Inc.	<b>2014201448</b>	Depuy Ireland Unlimited Company
<b>2013299599</b>	Zift, LLC.	<b>2014201524</b>	Integra Lifesciences Corporation
<b>2013301468</b>	Robert Bosch GmbH	<b>2014201616</b>	K&N Engineering, Inc.
<b>2013302207</b>	DorsaVi Pty Ltd	<b>2014202439</b>	PGS Geophysical AS
<b>2013302937</b>	Devicor Medical Products, Inc.	<b>2014202441</b>	PGS Geophysical AS
<b>2013304341</b>	JenaBatteries GmbH	<b>2014202538</b>	Tricon Drilling Solutions Pty Ltd
<b>2013305633</b>	Board of Regents, the University of Texas System		
<b>2013306701</b>	Satake Corporation		

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2014202638	Dart Industries Inc.	2014259787	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
2014203147	Imtrade Australia Pty Ltd	2014260633	Heesung Catalysts Corporation
2014203682	DART CONTAINER CORPORATION	2014261585	F. Hoffmann-La Roche AG
2014203852	Spinal Simplicity LLC	2014262365	RESCO Consulting GmbH
2014205375	Regeneron Pharmaceuticals, Inc.	2014264609	Givaudan SA
2014205437	International Packaging Innovations, LLC	2014264804	Single Buoy Moorings Inc.
2014208949	Brown, R.	2014265149	SYNEXIS LLC
2014209008	Total SA	2014265705	Graphic Packaging International, Inc.
2014209311	Dow AgroSciences LLC	2014266990	De La Rue International Limited
2014209663	Thomson Reuters Global Resources Unlimited Company	2014270757	Hydac Drive Center GmbH
2014211058	Terumo Kabushiki Kaisha	2014272157	Exxel Outdoors, LLC
2014212224	Vamberi, G.	2014272500	Takeda Pharmaceutical Company Limited
2014212811	APR Energy, LLC	2014272868	Medtrade Products Limited
2014213569	Siemens Aktiengesellschaft	2014273052	Pharma Mar, S.A.
2014213631	Tel Hashomer Medical Research Infrastructure and Services Ltd.	2014275041	Emerson Vulcan Holding LLC
2014214749	Rain Bird Corporation	2014276230	Seiko Epson Corporation
2014216278	Lantech. Com, LLC	2014276628	Reckitt Benckiser (Brands) Limited
2014218286	Fronek, P.	2014277689	Eaton Corporation
2014218794	Aspire Bariatrics, Inc.	2014278607	Gas Technology Institute
2014220862	Greif International Holding BV	2014278749	The University of Wyoming Research Corporation
2014221489	TiumBio Co., Ltd.	2014284206	Greenone Logistics, LLC
2014223472	Nuvera Fuel Cells, Inc.	2014286253	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2014223719	Ethicon Endo-Surgery, Inc.	2014288229	Toray Industries, Inc.
2014224784	F. Hoffmann-La Roche AG	2014288890	BASF SE
2014225280	Vega Innovations Pty Ltd	2014288933	King Abdullah University of Science and Technology
2014227357	Seiko Epson Corporation	2014289974	University of Technology, Sydney; Roads and Maritime Services
2014227807	ALS Mountain LLC	2014290129	AS IP Holdco, LLC
2014227813	Boston Scientific Scimed, Inc.	2014292813	Neal, A.
2014227909	Dana-Farber Cancer Institute, Inc.	2014293731	Bial - Portela & Ca, S.A.
2014229777	Smith & Nephew plc	2014294292	Unicharm Corporation
2014229834	Endomagnetics Ltd.	2014294873	Lesaffre et Compagnie
2014230132	Philip Morris Products S.A.	2014295756	ECO Environmental Energy Research Institute Limited;
2014230755	Teijin Aramid B.V.	2014296674	Dalian University of Technology
2014230906	retaintechology UG (haftungsbeschränkt)	2014298258	Caterpillar Inc.
2014231141	Reactive Technologies Limited	2014299416	Johnson Matthey Public Limited Company
2014231346	Synaptive Medical (Barbados) Inc.	2014301142	WATSONBREW IP LIMITED
2014232319	Broinowski, S.	2014302306	Novamont S.p.A.
2014233114	Stone, G.; Kornbluth, R.	2014302306	Vyaire Medical Capital LLC
2014233900	Stryker Corporation	2014302917	Depuy Synthes Products, Inc.
2014235110	Ultradent Products, Inc.	2014304108	Apitope International NV
2014236281	Amgen Inc.	2014306055	Hashiguchi, B.; Periana, R.; Konnick, M.; The Scripps Research Institute
2014236926	Rackspace US, Inc.	2014308182	Merck Patent GmbH
2014237843	AMO Development LLC.	2014309015	Varian Semiconductor Equipment Associates, Inc.
2014237978	AMO Development LLC	2014309019	Varian Semiconductor Equipment Associates, Inc.
2014238072	Abbott Medical Optics Inc.	2014309292	Google Technology Holdings LLC
2014239967	Medtronic Xomed, Inc.	2014310714	BASF SE
2014240034	Scott Technologies, Inc	2014318024	Geopier Foundation Company, Inc.
2014240394	ViewRay Technologies, Inc.	2014318398	Lion Group, Inc.
2014240483	Scott Technologies, Inc.	2014318907	Decision Sciences International Corporation
2014240770	The Royal Institution for the Advancement of Learning/McGill University; National Research Council of Canada	2014320293	Fresenius Kabi Deutschland GmbH
2014241938	CareFusion 303, Inc.	2014321228	Innoflex Incorporated
2014242011	LMK Technologies, LLC	2014323060	Mincon International Ltd.
2014242023	Ethicon Endo-Surgery, Inc.	2014329538	AcousticSheep LLC
2014242161	Google Technology Holdings LLC	2014334512	Arbortech Industries Limited
2014242706	BAE Systems PLC	2014336715	Lemken GmbH & Co. KG
2014243587	W.H.P.M. Bioresearch and Technology Co., Ltd.	2014340476	Baker Hughes Incorporated
2014243988	Profusa, Inc.	2014341036	Okamura Corporation
2014249514	Catalyst OrthoScience Inc.	2014342063	Frito-Lay North America, Inc.; Douglas Machine Inc.
2014250626	General Electric Company	2014342465	University of Pittsburgh - of the Commonwealth System of Higher Education
2014251206	Ball Corporation	2014343368	Rhodia Operations
2014253201	Carpe Diem Beds of Sweden AB; Starsprings AB	2014345540	Butchers & Bicycles ApS
2014253226	Thales	2014348479	Verifi LLC
2014253499	Palantir Technologies, Inc.	2014351415	Nestec SA
2014254225	Corning Incorporated	2014352013	FULLGREEN LTD
2014255335	CTI S.A.	2014353151	Visa International Service Association
2014256845	Curtin University of Technology	2014354568	Breville Pty Limited
2014257917	Sandvik Intellectual Property AB	2014354766	InterDigital Patent Holdings, Inc.

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2014359166	Wobben Properties GmbH	2015286249	Mitsubishi Heavy Industries, Ltd.
2014359825	Wisecon A/S	2015286550	Sony Corporation
2014360286	Huawei Technologies Co., Ltd.	2015290046	Becton, Dickinson and Company
2014365162	Philochem AG	2015290145	Becton, Dickinson and Company
2014365222	Evonik Degussa GmbH	2015296688	Dow AgroSciences LLC
2014365857	Kronos International, Inc.	2015299205	Infarm - Indoor Urban Farming GmbH
2014373904	ARRIS Enterprises LLC	2015301785	Rite-Hite Holding Corporation
2014373910	Green Products & Technologies, L.L.C.	2015302568	Samsung Electronics Co., Ltd.
2014375035	Kimberly-Clark Worldwide, Inc.	2015307547	Mitsubishi Electric Corporation
2014375226	Compagnie Gervais Danone; Danone S.A.	2015311397	Shieh, D.
2014381138	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2015311674	Sybiomix Therapeutics, LLC
2014381638	Apple Inc.	2015313789	University of Johannesburg
2014398664	Colgate-Palmolive Company	2015313841	GlaxoSmithKline Intellectual Property Development Limited
2014402382	Halliburton Energy Services, Inc.	2015315431	Eli Lilly and Company
2014407165	Halliburton Energy Services, Inc.	2015318142	Boston Scientific Neuromodulation Corporation
2014407451	Full Facing (Pty) Ltd	2015321554	ACell, Inc.
2014407850	Mitsubishi Electric Corporation	2015328328	MED-EL Elektromedizinische Geraete GmbH
2014408694	Halliburton Energy Services, Inc.	2015331251	Samsung Electronics Co., Ltd.
2014410129	Hewlett-Packard Development Company, L.P.	2015339980	Raytheon Company
2014410245	Northrop Grumman Systems Corporation	2015341249	Hangzhou Youngsun Intelligent Equipment Co., Ltd.
2014410858	Softbank Corp.	2015342111	OMYA International AG
2014414053	Halliburton Energy Services, Inc.	2015342956	Future Motion, Inc.
2015200730	The Boeing Company	2015350704	Samsung Electronics Co., Ltd.
2015200970	Liebherr-Mining Equipment Colmar SAS	2015355047	Samsung Electronics Co., Ltd.
2015201522	Fondarex S.A.	2015357253	Nagravision S.A.
2015201727	Dana-Farber Cancer Institute, Inc.	2015358637	E-Smarts Global Licensing Ltd
2015202403	Holicom Film Limited	2015359125	British American Tobacco (Investments) Limited
2015203004	Implantica Patent Ltd.	2015359796	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG
2015203178	Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH	2015361917	Changchun Institute of Applied Chemistry, Chinese Academy of Sciences
2015203405	Rectifier Technologies Pacific Pty Ltd	2015362058	Rosenbauer International AG
2015204458	Deep Imaging Technologies, Inc.	2015363080	3M Innovative Properties Company
2015204590	Saint-Gobain Placo SAS	2015366007	Giesecke & Devrient GmbH
2015207338	DEPARTMENT OF BIOTECHNOLOGY; INSTITUTE OF CHEMICAL TECHNOLOGY	2015377980	Siemens Aktiengesellschaft
2015212365	Leitner S.p.A.	2015384689	Sumitomo Metal Mining Co., Ltd.
2015212870	UpFront Chromatography A/S	2015387241	Halliburton Energy Services, Inc.
2015215753	Toray Industries, Inc.	2015391632	Xinjiang Goldwind Science & Technology Co., Ltd.
2015217045	Erytech Pharma	2015394606	Brainlab AG
2015217411	Ecolab USA Inc.	2015407087	China University of Mining and Technology
2015226655	ZTE Corporation	2015415834	Dongnan Elevator Co, Ltd; China University of Mining and Technology
2015228745	Konecranes Global Corporation	2016200022	E. I. du Pont de Nemours and Company
2015230044	Kverneland Group Operations Norway AS	2016200276	Magnum Magnetics Corporation
2015236436	Lexmark International, Inc.	2016200300	Caterpillar Inc.
2015237203	Tyco Fire & Security GmbH	2016200387	Bio-Rad Laboratories, Inc.
2015238921	Ulthera, Inc.	2016200573	NuVasive, Inc.
2015245757	Armco Key Security Limited	2016201083	Integra LifeSciences Switzerland Sarl
2015249376	Bluebird Bio, Inc.	2016201232	DEKA Products Limited Partnership
2015253576	Vanderbilt Chemicals, LLC	2016201310	Apple Inc.
2015254267	Shimadzu Corporation	2016201347	DMK Eis GmbH
2015256416	Noramco, Inc.	2016201529	Cedars-Sinai Medical Center
2015258259	Commonwealth Scientific and Industrial Research Organisation; Clinical Genomics Pty. Ltd	2016201663	K T Corporation
2015261296	PROCARV	2016201725	PROTOTUS, LTD.
2015261897	Clariant International Ltd	2016201820	Pfizer Products Inc.
2015264806	Gro-Group International Limited	2016201860	Seven Marine, LLC
2015264879	The Regents of the University of California; Neurosigma, Inc	2016202022	Eagle View Technologies, Inc.
2015265852	Lantmannen AS-Faktor AB	2016202023	Visy Packaging Pty Ltd
2015265993	GlaxoSmithKline Intellectual Property Development Limited	2016202224	ETH Zurich
2015271905	dorsaVi Pty Ltd	2016202267	Apple Inc.
2015274932	Dow AgroSciences LLC	2016202322	Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten; Ganymed Pharmaceuticals GmbH
2015274935	Dow AgroSciences LLC	2016202416	Crystal Lagoons (Curacao) B.V.
2015275308	Pictometry International Corp.	2016202800	Sony Corporation
2015280330	Google LLC	2016202805	Apple Inc.
2015280864	LG Electronics Inc.	2016202875	Bioverativ Therapeutics Inc.
2015283204	CMP Products Limited	2016202932	THE WATT STOPPER, INC.
2015283392	Jinan Shengquan Group Share Holding Co., Ltd.	2016202938	M-I L.L.C.
2015284180	PrimeGen Biotech LLC	2016203021	Lockheed Martin Corporation
2015284236	Tarveda Therapeutics, Inc.	2016203094	Soitec
		2016203096	Acceleron Pharma Inc.

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2016203098	Accelaron Pharma Inc.	2017201514	Ecolab USA Inc.
2016203247	VELOCYS CORPORATION	2017201676	IGT
2016203431	Academia Sinica	2017201706	Medinol Ltd.
2016203591	Vanda Pharmaceuticals Inc.	2017201717	Carling Technologies, Inc.
2016203647	Alcoa USA Corp.	2017202793	Orexigen Therapeutics, Inc.
2016203726	Hatzikakidis, D.	2017203079	The Board of Regents of the University of Texas System
2016203898	Apple Inc.	2017203110	ProTom International Holding Corp.
2016204102	Restore NV	2017203257	Norgine BV
2016204127	Regeneron Pharmaceuticals, Inc.	2017204546	Edwards Lifesciences Corporation
2016204431	Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners		
2016204668	Shiseido Company, Ltd.		
2016204878	Everheart Systems, Inc.		
2016204936	The Regents of The University of California; University of Southern California; California Institute of Technology		
2016204962	GENENTECH, INC.		
2016206335	PepsiCo, Inc.		
2016206360	Phenomenome Discoveries Inc.		
2016208255	Xyleco, Inc.		
2016208309	Firestone Industrial Products Company, LLC		
2016209620	Baker Hughes, a GE company, LLC		
2016210622	Amazentis SA		
2016210707	Cydex Pharmaceuticals, Inc.		
2016216137	Skanska Sverige AB		
2016216545	KCI Licensing, Inc.		
2016216597	Ionis Pharmaceuticals, Inc.		
2016219971	VISA International Service Association		
2016222500	Apple Inc.		
2016225793	Synectic Engineering (Aust.) Pty. Limited		
2016225908	The McLean Hospital Corporation		
2016226608	FMC Technologies, Inc.		
2016231484	Astora Women's Health, LLC		
2016231513	Buckman Laboratories International, Inc.		
2016231606	Komatsu Ltd.		
2016234947	Syngenta Participations AG		
2016235008	FMC Technologies, Inc.		
2016235031	Nubent Pty Ltd		
2016238833	Cascade Designs, Inc.		
2016238897	Knauf Insulation SPRL		
2016238970	Lipopharma Therapeutics, S.L		
2016247112	Illinois Tool Works Inc		
2016247865	Lanzetta, M.		
2016248421	DENSO CORPORATION		
2016250461	Jaguar Land Rover Limited		
2016253689	Map Pharmaceuticals, Inc.		
2016253692	Baker Hughes Incorporated		
2016256691	Food Safety Technology, LLC		
2016256755	Viavi Solutions Inc.		
2016259314	BAYER CROPSCIENCE AG		
2016269446	Heraeus Medical GmbH		
2016269550	Shenzhen Skyworth-RGB Electronic Co., Ltd		
2016273909	Accenture Global Solutions Limited		
2016273930	F. Hoffmann-La Roche AG		
2016277717	Intel Corporation		
2016282277	Titan Trailers Inc.		
2016304615	CRRC Dalian Co.,Ltd.		
2016355941	DENSO-Holding GmbH & Co.		
2016374498	5B IP Holdings Pty Ltd		
2017200106	Facebook, Inc.		
2017200240	Oak Crest Institute of Science		
2017200292	Halliburton Energy Services, Inc.		
2017200315	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2017200342	Canadian Chiropractic Centre Limited		
2017200372	Nien Made Enterprise Co., Ltd.		
2017200405	IHI Corporation		
2017200406	IHI Corporation		
2017200476	CHD Bioscience, Inc.		
2017200907	Novaliq GmbH		
2017201237	Samsung Electronics Co., Ltd.		
2017201283	Samsung Electronics Co., Ltd.		
2017201389	Facebook, Inc.		
2017201511	Samsung Electronics Co., Ltd.		

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2015230044	2014209311 2014227807 2016234947 2016259314	<b><u>A23L 5 /-</u></b>	2014352013	<b><u>A61F 15 /-</u></b>	
<b><u>A01B 23 /-</u></b>		<b><u>A24D 3 /-</u></b>		<b><u>A61F 2 /-</u></b>	
2015230044	<b><u>A01N 59 /-</u></b>	2015359125	2015359125	2014208949 2014294292	2014208949
<b><u>A01B 35 /-</u></b>	2014265149	<b><u>A24F 47 /-</u></b>		<b><u>A61B 34 /-</u></b>	
2015230044	<b><u>A01N 63 /-</u></b>	2014230132	2017200342	2013234359 2013299599 2013319946 2014201448 2014203852 2014249514 2014302917 2015203004 2015394606 2016204936 2016231484 2016247865 2017201706 2017204546	2013234359 2013299599 2013319946 2014201448 2014203852 2014249514 2014302917 2015203004 2015394606 2016204936 2016231484 2016247865 2017201706 2017204546
<b><u>A01C 1 /-</u></b>	2016259314	<b><u>A42B 3 /-</u></b>	2014238072	<b><u>A61B 46 /-</u></b>	
2014343368	<b><u>A01P 1 /-</u></b>	2015362058	2014238072	<b><u>A61B 5 /-</u></b>	
<b><u>A01C 5 /-</u></b>	2014286253	<b><u>A45D 34 /-</u></b>		2013302207 2013344312 2014201524 2014229834 2014231346 2015271905 2015290046 2015290145 2016200573 2016201083 2016225908 2017200342	
2014336715	<b><u>A01P 17 /-</u></b>	2014398664	2014398664	<b><u>A61B 6 /-</u></b>	
<b><u>A01C 7 /-</u></b>	2014265149	<b><u>A47C 27 /-</u></b>		2014231346 2017203110	
2014336715	<b><u>A01P 7 /-</u></b>	2014253201 2016238833	2014253201 2016238833	<b><u>A61J 8 /-</u></b>	
<b><u>A01G 31 /-</u></b>	2014265149 2016234947 2016259314	<b><u>A47G 19 /-</u></b>		2014231346 2017203110	
2015299205 2015358637	<b><u>A21C 1 /-</u></b>	2014203682	2014203682	<b><u>A61C 13 /-</u></b>	
<b><u>A01G 7 /-</u></b>	2014294873	<b><u>A47G 5 /-</u></b>		2013299599	
2015313789 2016216137	<b><u>A21D 8 /-</u></b>	2014341036 2016202932	2014341036 2016202932	<b><u>A61C 5 /-</u></b>	
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2016216137	<b><u>A22C 25 /-</u></b>	2014272157	2014272157	<b><u>A61C 7 /-</u></b>	
<b><u>A01K 67 /-</u></b>	2015359796	<b><u>A47J 27 /-</u></b>		2014231346 2014318907 2015238921	
2013296182 2016204127	<b><u>A23G 9 /-</u></b>	2014202638	2014202638	<b><u>A61C 8 /-</u></b>	
<b><u>A01K 83 /-</u></b>	2014354568 2016201347	<b><u>A47J 31 /-</u></b>		2013299599	
2014292813	<b><u>A23J 1 /-</u></b>	2013226166 2014299416	2013226166 2014299416	<b><u>A61C 9 /-</u></b>	
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2014292813	<b><u>A23K 10 /-</u></b>	2014202638	2014202638	<b><u>A61C 13 /-</u></b>	
<b><u>A01M 23 /-</u></b>	2014351415	<b><u>A47L 5 /-</u></b>		2013299599	
2014359825	<b><u>A23K 50 /-</u></b>	2015302568	2015302568	<b><u>A61C 5 /-</u></b>	
<b><u>A01M 29 /-</u></b>	2014351415	<b><u>A47L 9 /-</u></b>		2012322762 2013231070 2013235220 2013263292 2013271773 2013271841 2013274667 2013288827 2013294956 2013298705 2013305633 2013312102 2013312106 2013314539 2013337733 2013337824 2013343320 2013344549 2013346793 2013354113 2013356790 2013360691 2014213631	
2013408499	<b><u>A23L 19 /-</u></b>	2015302568	2015302568	<b><u>A61C 8 /-</u></b>	
<b><u>A01N 25 /-</u></b>	2014352013	<b><u>A61B 10 /-</u></b>		2013362172	
2014203147 2015274932 2015274935	<b><u>A23L 2 /-</u></b>	2013302937	2013302937	<b><u>A61C 9 /-</u></b>	
<b><u>A01N 31 /-</u></b>	2017203079	<b><u>A61B 17 /-</u></b>		2014230906	
2014286253	<b><u>A23L 3 /-</u></b>	2013216677 2013286576 2013299495 2013299599 2013302937	2013216677 2013286576 2013299495 2013299599 2013302937	<b><u>A61D 19 /-</u></b>	
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2017200476				<b><u>A61F 11 /-</u></b>	

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2013298705		<b><u>A61P 27 /-</u></b>		2017200405	<b><u>B05B 3 /-</u></b>
2013343320	<b><u>A61M 21 /-</u></b>		2014235110	2017200406	
2016210707		2017200907			2014214749
2017200907	2015264806		<b><u>A61Q 13 /-</u></b>	<b><u>B01D 61 /-</u></b>	
2017203257		<b><u>A61P 29 /-</u></b>			<b><u>B05D 1 /-</u></b>
<b><u>A61K 48 /-</u></b>	<b><u>A61M 25 /-</u></b>	2013263292	2014264609	2013320028	
		2013271773	2014276628	2014240770	2013354884
2011377617	2014211058	2013312102		2014256845	<b><u>B05D 5 /-</u></b>
2012328166		2013312106	<b><u>A61Q 17 /-</u></b>	2015215753	
2013289984	<b><u>A61M 27 /-</u></b>	2013354113	2014286253		2014256845
2013329889	2014239967	2014261585		<b><u>B01D 63 /-</u></b>	
		2015265993	<b><u>A61Q 19 /-</u></b>	2014256845	<b><u>B07B 1 /-</u></b>
<b><u>A61K 51 /-</u></b>	<b><u>A61M 39 /-</u></b>		2013231070	<b><u>B01D 65 /-</u></b>	2013230694
		<b><u>A61P 3 /-</u></b>	2013286576		2014257917
2013324636	2012390690		2016204668	2013320028	
2015284236		2014221489		2015215753	<b><u>B07B 15 /-</u></b>
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	2013316101		2015362058	2014256845	
2014235110	2013344312	<b><u>A61P 31 /-</u></b>		<b><u>B01D 69 /-</u></b>	<b><u>B08B 17 /-</u></b>
	2015264879		<b><u>A62B 23 /-</u></b>		
<b><u>A61K 8 /-</u></b>	2015318142	2013235220		2013284661	2015217411
	2015328328	2013288416	2014240034	2013304341	
2013231070	2016200573	2013346793			<b><u>B08B 3 /-</u></b>
2013344990		2013351182	<b><u>A63C 17 /-</u></b>		2014209008
2014264609	<b><u>A61N 5 /-</u></b>	2014308182		<b><u>B01D 71 /-</u></b>	
2014286253			2015342956		<b><u>B08B 9 /-</u></b>
2016204668	2017203110	<b><u>A61P 35 /-</u></b>		2013284661	2014209008
<b><u>A61K 9 /-</u></b>	<b><u>A61P 1 /-</u></b>	2013263292	<b><u>A63F 13 /-</u></b>	2014256845	
		2013305633			2014251206
2013296803	2013277217	2013324636	2013227996	<b><u>B01F 15 /-</u></b>	<b><u>B21C 23 /-</u></b>
2013298705	2013288416	2013337733			
2013343320	2014261585	2013343277	<b><u>A63F 9 /-</u></b>	2014348479	
2013360691	2017203257	2013344549		<b><u>B01F 3 /-</u></b>	<b><u>B21C 37 /-</u></b>
2015217045		2013356790	2017201676		
2015284236	<b><u>A61P 11 /-</u></b>	2013362789		<b><u>B01F 7 /-</u></b>	2013354884
2016253689		2014273052	<b><u>B01D 15 /-</u></b>	2013343677	
2017200907	2013314539	2014308182			<b><u>B21D 51 /-</u></b>
2017203257	2013356790	2015217045	<b><u>B01D 21 /-</u></b>	2014354568	2016203647
	2013360691	2015313841		2016269446	
<b><u>A61L 15 /-</u></b>	2015265993	2016201820	<b><u>B01D 27 /-</u></b>		<b><u>B22C 9 /-</u></b>
	<b><u>A61P 15 /-</u></b>	2016202322		<b><u>B01J 19 /-</u></b>	
2014229777		2016273930	2016235031		2015201522
	2013294956	<b><u>A61P 37 /-</u></b>		2014260633	<b><u>B22D 11 /-</u></b>
<b><u>A61L 24 /-</u></b>	2013298144		2014201616	2016203247	
	2013343320	2013327032			2013354884
2014272868		2013337733	<b><u>B01D 29 /-</u></b>		
<b><u>A61L 27 /-</u></b>	<b><u>A61P 17 /-</u></b>	2013337824		<b><u>B01J 4 /-</u></b>	<b><u>B22D 17 /-</u></b>
		2014213631	2014201616		
2014259787	2013231070	2014293731		2014260633	
2015321554		2016273930	<b><u>B01D 35 /-</u></b>		2015201522
	<b><u>A61P 19 /-</u></b>			<b><u>B01L 3 /-</u></b>	
<b><u>A61L 9 /-</u></b>		<b><u>A61P 5 /-</u></b>	2014240770		<b><u>B22F 5 /-</u></b>
	2015315431			2013239408	2013354884
2014276628		2015315431	<b><u>B01D 39 /-</u></b>	2013361755	
	<b><u>A61P 21 /-</u></b>			2014205375	<b><u>B23D 45 /-</u></b>
<b><u>A61M 1 /-</u></b>		<b><u>A61P 7 /-</u></b>	2014201616	2015290046	
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2013224740		2011377617	<b><u>B01D 46 /-</u></b>		
2014218794	<b><u>A61P 25 /-</u></b>	2016203098		<b><u>B04B 7 /-</u></b>	<b><u>B23D 47 /-</u></b>
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2016204878	2012322762	<b><u>A61P 9 /-</u></b>		2013337284	2017200315
2016216545	2013263292		<b><u>B01D 47 /-</u></b>		
	2013271773	2013263292		<b><u>B05B 1 /-</u></b>	<b><u>B23K 1 /-</u></b>
<b><u>A61M 15 /-</u></b>	2013271841	2014261585	2017200405		
	2013274667		2017200406	2014214749	
2014230132	2014261585	<b><u>A61Q 1 /-</u></b>	<b><u>B01D 53 /-</u></b>		2016203247
	2014293731			<b><u>B05B 11 /-</u></b>	
<b><u>A61M 16 /-</u></b>	2014308182	2016204668	2013281028	2014398664	<b><u>B23P 13 /-</u></b>
	2016203591		2013284661		
2013372969	2016253689				



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<b><u>B23P 15 /-</u></b>	2013348225	<b><u>B60K 37 /-</u></b>			<b><u>C01B 13 /-</u></b>
2014251206	<b><u>B32B 13 /-</u></b>	2016250461	2014345540	2014203682	
<b><u>B24B 23 /-</u></b>	2015204590	<b><u>B60K 5 /-</u></b>	<b><u>B62K 7 /-</u></b>	<b><u>B65D 83 /-</u></b>	2016256691
2014218286	<b><u>B32B 15 /-</u></b>	2014345540	2014345540	2013344990	<b><u>C01B 23 /-</u></b>
<b><u>B24B 47 /-</u></b>	2016200276	<b><u>B60L 3 /-</u></b>	<b><u>B63B 21 /-</u></b>	2014225280	2013284661
2014334512	<b><u>B32B 17 /-</u></b>	2016304615	2014264804	2014398664	
<b><u>B24D 15 /-</u></b>	2014254225	<b><u>B60P 1 /-</u></b>	<b><u>B63B 22 /-</u></b>	2016202023	<b><u>C01B 32 /-</u></b>
2014218286	<b><u>B32B 23 /-</u></b>	2013206463	2014264804	<b><u>B65D 85 /-</u></b>	2015283392
<b><u>B25B 13 /-</u></b>	2014375035	<b><u>B60P 7 /-</u></b>	<b><u>B63H 11 /-</u></b>	2014203682	<b><u>C01F 11 /-</u></b>
2013364449	<b><u>B32B 27 /-</u></b>	2016282277	2014232319	2014375226	
<b><u>B25D 17 /-</u></b>	2014375035	<b><u>B60R 13 /-</u></b>	<b><u>B63H 20 /-</u></b>	<b><u>B65D 88 /-</u></b>	2015342111
2012247041	2015363080	2013345499	2016201860	2013206463	<b><u>C02F 1 /-</u></b>
<b><u>B26D 1 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B60R 16 /-</u></b>	<b><u>B65B 11 /-</u></b>	2015407087	2012385928
2014334512	2016256755	2015200970	2014216278	<b><u>B65G 21 /-</u></b>	2016202416
2015261296	<b><u>B32B 7 /-</u></b>	<b><u>B60W 50 /-</u></b>	2015341249	2015212365	2016231513
<b><u>B26D 7 /-</u></b>	2015363080	2016250461	<b><u>B65B 57 /-</u></b>	<b><u>B65G 43 /-</u></b>	2016235031
2015261296	<b><u>B41J 2 /-</u></b>	<b><u>B61B 7 /-</u></b>	2014216278	<b><u>B65G 47 /-</u></b>	<b><u>C02F 9 /-</u></b>
<b><u>B26F 3 /-</u></b>	2014227357	2015212365	<b><u>B65B 9 /-</u></b>	2013206463	2016235031
2015261296	2014276230	<b><u>B61L 27 /-</u></b>	2014342063	<b><u>B65G 67 /-</u></b>	<b><u>C03C 25 /-</u></b>
<b><u>B27B 5 /-</u></b>	2014410129	2013320504	<b><u>B65D 1 /-</u></b>	2013206463	2016238897
2017200315	<b><u>B41J 29 /-</u></b>	2013320505	2014320293	<b><u>B66B 11 /-</u></b>	<b><u>C04B 18 /-</u></b>
<b><u>B28C 5 /-</u></b>	2014410129	<b><u>B61L 3 /-</u></b>	<b><u>B65D 25 /-</u></b>	2015415834	2016231513
2014348479	<b><u>B42D 25 /-</u></b>	2013205670	2014225280	<b><u>B66B 7 /-</u></b>	<b><u>C04B 28 /-</u></b>
<b><u>B28C 7 /-</u></b>	2014266990	<b><u>B62D 21 /-</u></b>	2014203682	2015415834	2013335106
2014348479	<b><u>B60G 11 /-</u></b>	2016203726	<b><u>B65D 3 /-</u></b>	<b><u>B66B 9 /-</u></b>	<b><u>C04B 35 /-</u></b>
<b><u>B29C 41 /-</u></b>	2016203726	<b><u>B62D 5 /-</u></b>	2014203682	2015415834	2013284661
2013354884	<b><u>B60G 15 /-</u></b>	2016200300	<b><u>B65D 30 /-</u></b>	<b><u>B66C 1 /-</u></b>	2012377744
<b><u>B29C 49 /-</u></b>	2016203726	<b><u>B62D 53 /-</u></b>	2014321228	2015228745	2013284661
2013338302	<b><u>B60G 17 /-</u></b>	2013206463	<b><u>B65D 41 /-</u></b>	<b><u>B66C 21 /-</u></b>	<b><u>C06B 23 /-</u></b>
<b><u>B29C 55 /-</u></b>	2016203726	2014289974	2014251206	2015212365	2013206582
2013319946	<b><u>B60G 21 /-</u></b>	<b><u>B62D 57 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>B67D 1 /-</u></b>	2013206584
<b><u>B29C 65 /-</u></b>	2014345540	2014289974	2014375226	2014205437	<b><u>C06B 25 /-</u></b>
2013348225	<b><u>B60G 3 /-</u></b>	<b><u>B62D 63 /-</u></b>	<b><u>B65D 5 /-</u></b>	2016206335	2014242706
<b><u>B29C 67 /-</u></b>	2016203726	2013206463	2014265705	<b><u>B67D 7 /-</u></b>	2013206582
2013282410	<b><u>B60H 1 /-</u></b>	2016282277	2014284206	2016206335	2013206584
<b><u>B29C 70 /-</u></b>	2016248421	<b><u>B62D 9 /-</u></b>	2014318398	2014294873	<b><u>C06B 45 /-</u></b>
2013348225	<b><u>B60K 1 /-</u></b>	2014345540	<b><u>B65D 51 /-</u></b>	2016202023	2013206582
2016203726			2013357037	<b><u>B81B 3 /-</u></b>	2013206584
			2014375226	2014240770	2014242706
				<b><u>B81B 5 /-</u></b>	<b><u>C07B 47 /-</u></b>
				2014240770	2014306055
				<b><u>B81B 7 /-</u></b>	<b><u>C07C 211 /-</u></b>

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2015265993	2014273052 2015265993	2015256416	2016202875	<b><u>C09C 1 /-</u></b>	<b><u>C11C 3 /-</u></b>
<b><u>C07C 275 /-</u></b>	<b><u>C07D 313 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C07K 16 /-</u></b>	2014365857 2015342111	2013277107 2014301142
2015265993	2014221489	2013354113	2013274347 2013296182 2013343277	<b><u>C09C 3 /-</u></b>	<b><u>C11D 1 /-</u></b>
<b><u>C07C 409 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 495 /-</u></b>	2013362789 2014227909 2015265852	2014365857	2014373910 2017201514
2017200476	2013326867 2013346957 2013354113	2013337824 2016273930	2016201529 2016202322 2016204127 2016204962	<b><u>C09D 123 /-</u></b>	<b><u>C11D 17 /-</u></b>
<b><u>C07C 47 /-</u></b>	2014293731 2016201820	<b><u>C07D 498 /-</u></b>		2016355941	2017201514
2014264609	<b><u>C07D 403 /-</u></b>	2013326867		<b><u>C09D 151 /-</u></b>	<b><u>C11D 3 /-</u></b>
<b><u>C07C 59 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C07K 19 /-</u></b>	2014310714	2017201514
2016238970	2016201820	2014261585 2016273930	2013362789 2014213631	<b><u>C09D 153 /-</u></b>	<b><u>C12C 13 /-</u></b>
<b><u>C07D 207 /-</u></b>	<b><u>C07D 405 /-</u></b>			2014343368	
2015265993	2013346957 2013354113 2016201820	<b><u>C07F 9 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C09D 5 /-</u></b>	2014299416
<b><u>C07D 211 /-</u></b>		2014213631 2015361917 2016206360	2013295391	2014310714 2014343368 2016355941	<b><u>C12M 1 /-</u></b>
2014288890 2015265993	<b><u>C07D 409 /-</u></b>	<b><u>C07H 15 /-</u></b>	<b><u>C07K 7 /-</u></b>		2013306701 2016208255
<b><u>C07D 213 /-</u></b>	2013346957 2013354113	2013356790	2014304108	<b><u>C09D 7 /-</u></b>	<b><u>C12N 15 /-</u></b>
2013326867 2013354113 2015265993 2015313841	<b><u>C07D 413 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08B 30 /-</u></b>	2014310714	2011377617 2012313353 2012320847 2012322762 2012328166 2013220747 2013226090 2013239408 2013296182 2013296709 2013362789 2014342465 2014365162 2016202224 2016204127 2016216597
<b><u>C07D 233 /-</u></b>	2013305633 2013326867 2013354113 2014308182 2016201820	2013235220	<b><u>C08B 37 /-</u></b>	<b><u>C09J 123 /-</u></b>	
2015265993		<b><u>C07H 21 /-</u></b>	2016210707	2016355941	<b><u>C09J 5 /-</u></b>
<b><u>C07D 235 /-</u></b>	<b><u>C07D 417 /-</u></b>	2013274347 2016202224 2016216597	<b><u>C08F 2 /-</u></b>	2013348225	<b><u>C09K 17 /-</u></b>
2014293731	2013326867 2013354113 2014308182 2016201820	<b><u>C07H 3 /-</u></b>	2014310714	<b><u>C09K 17 /-</u></b>	
<b><u>C07D 239 /-</u></b>		2014213631	<b><u>C08F 251 /-</u></b>	2014343368	<b><u>C09K 3 /-</u></b>
2013344549 2013346793 2015265993 2016201820	<b><u>C07D 453 /-</u></b>	<b><u>C07J 63 /-</u></b>	<b><u>C08F 265 /-</u></b>	2013344990 2015217411	<b><u>C12N 5 /-</u></b>
<b><u>C07D 249 /-</u></b>	2013326867	2013312102 2013312106	2014310714	<b><u>C09K 8 /-</u></b>	2014233114 2015249376 2015284180 2016202322
2013335001 2014308182 2015296688	<b><u>C07D 471 /-</u></b>	<b><u>C07J 71 /-</u></b>	<b><u>C08G 18 /-</u></b>	2015387241 2016209620	
<b><u>C07D 271 /-</u></b>	2013235220 2014224784 2015265993 2016273930	2013314539	2016200022	<b><u>C10G 3 /-</u></b>	2014342465
2014308182	<b><u>C07D 473 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08J 9 /-</u></b>	2013277107	<b><u>C12N 7 /-</u></b>
<b><u>C07D 295 /-</u></b>	2013235220 2014224784 2014261585	2013276219 2015212870	2013344990 2016200022	<b><u>C10J 3 /-</u></b>	2014342465
2015265993		<b><u>C07K 11 /-</u></b>	<b><u>C08K 3 /-</u></b>	2014278607 2014295756	<b><u>C12N 9 /-</u></b>
<b><u>C07D 305 /-</u></b>	<b><u>C07D 487 /-</u></b>	2013356246	2014365222	<b><u>C10L 1 /-</u></b>	2012320847 2013235220 2015261897
2015265993	2013326867 2013344549 2014224784 2014243988	<b><u>C07K 14 /-</u></b>	2014365222 2015253576	2014306055	<b><u>C12P 13 /-</u></b>
<b><u>C07D 307 /-</u></b>	2014221489 2015265993	2013276219 2013296709 2013337264 2013337277 2013351182 2013362789 2014233114 2014236281 2014272500 2014304108 2015212870	<b><u>C08L 23 /-</u></b>	<b><u>C11B 3 /-</u></b>	2015261897
2014221489 2015265993			2016355941	2013277107	<b><u>C12P 17 /-</u></b>
<b><u>C07D 309 /-</u></b>	<b><u>C07D 489 /-</u></b>		<b><u>C08L 75 /-</u></b>	<b><u>C11B 9 /-</u></b>	2015261897
2013356790	2014298258		2016200022	2014264609 2014276628	<b><u>C12P 19 /-</u></b>
					2015207338 2015261897

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2016208255	<b><u>C23F 11 /-</u></b>	2014200467	2017200292	<b><u>F16C 33 /-</u></b>	<b><u>F21L 4 /-</u></b>
<b><u>C12P 21 /-</u></b>	2014340476	2014262365			
		2014341036	<b><u>E21B 4 /-</u></b>	2014270757	2014212224
2013274347	<b><u>C23F 13 /-</u></b>	<b><u>E04C 5 /-</u></b>	2014202538	<b><u>F16F 9 /-</u></b>	<b><u>F21V 21 /-</u></b>
2014227909			2014323060		
	2012377744	2012377744		2016208309	2014212224
<b><u>C12P 7 /-</u></b>	2012392207	<b><u>E04D 13 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16H 1 /-</u></b>	<b><u>F23D 14 /-</u></b>
2014278749	<b><u>C23F 15 /-</u></b>		2013320028		
2014288229		2013313030	2014402382	2014250626	2014255335
2015261897	2012392207		2014408694	2014334512	
2016208255	<b><u>D04H 1 /-</u></b>	<b><u>E04F 11 /-</u></b>	2016202938	<b><u>F16H 48 /-</u></b>	<b><u>F24F 11 /-</u></b>
			2016253692		2013313030
<b><u>C12Q 1 /-</u></b>	2016238897	2014200467	<b><u>E21B 47 /-</u></b>	2014277689	2014201333
2012322762	<b><u>D06F 37 /-</u></b>	<b><u>E04F 13 /-</u></b>		<b><u>F16H 57 /-</u></b>	<b><u>F24F 13 /-</u></b>
2013306701			2014407165		
2015254267	2015280864	2014200467	<b><u>E21C 47 /-</u></b>	2014250626	2013313030
2015258259		<b><u>E04F 17 /-</u></b>		<b><u>F16H 63 /-</u></b>	<b><u>F24F 7 /-</u></b>
2015265852	<b><u>D06M 13 /-</u></b>		2016231606		
2015311397		2013313030	<b><u>F02B 61 /-</u></b>	2015200970	2013313030
2016202224	2014230755	<b><u>E04F 19 /-</u></b>		<b><u>F16J 15 /-</u></b>	<b><u>F24S 10 /-</u></b>
2016203096	<b><u>D06M 15 /-</u></b>		2016201860		
<b><u>C13K 1 /-</u></b>	2016238897	2014200467	<b><u>F02M 25 /-</u></b>	2014250626	2013301468
2015215753		<b><u>E04G 9 /-</u></b>		2016226608	
<b><u>C21D 1 /-</u></b>	<b><u>D06M 16 /-</u></b>		2013343677	<b><u>F16K 15 /-</u></b>	<b><u>F24S 60 /-</u></b>
		2016204431	<b><u>F04B 1 /-</u></b>		2013301468
2013324845	2016231513	<b><u>E04H 12 /-</u></b>		2012390690	
<b><u>C21D 8 /-</u></b>	<b><u>D21C 3 /-</u></b>		2014270757	<b><u>F16K 3 /-</u></b>	<b><u>F25B 1 /-</u></b>
		2014359166	<b><u>F04B 17 /-</u></b>		2014407850
2013324845	2016231513	<b><u>E05B 47 /-</u></b>		2014275041	
<b><u>C21D 9 /-</u></b>	<b><u>D21H 17 /-</u></b>		2016235008	<b><u>F16K 37 /-</u></b>	<b><u>F25B 45 /-</u></b>
		2013209818	<b><u>F04B 27 /-</u></b>		2014407850
2013324845	2016231513	<b><u>E06B 7 /-</u></b>		2013326707	
<b><u>C22B 23 /-</u></b>	<b><u>D21H 21 /-</u></b>		2014270757	2014239967	<b><u>F25D 23 /-</u></b>
		2013313030	<b><u>F04B 33 /-</u></b>	<b><u>F16K 7 /-</u></b>	2014294873
2015384689	2016231513	2013382035			2015307547
<b><u>C22B 3 /-</u></b>	<b><u>E02B 3 /-</u></b>	<b><u>E06B 9 /-</u></b>	2016269446	2013234359	<b><u>F28D 20 /-</u></b>
			<b><u>F04B 35 /-</u></b>	<b><u>F16L 23 /-</u></b>	
2015361917	2014262365	2015301785			2016216137
2015384689	<b><u>E02D 27 /-</u></b>	2017200372	2016235008	2016226608	
<b><u>C22B 60 /-</u></b>		<b><u>E21B 1 /-</u></b>	<b><u>F04B 9 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F28G 7 /-</u></b>
	2014359166				2014209008
2015361917	<b><u>E02D 29 /-</u></b>	2014202538	2016269446	2012390690	
<b><u>C22C 38 /-</u></b>		<b><u>E21B 17 /-</u></b>		<b><u>F16L 55 /-</u></b>	<b><u>F41J 2 /-</u></b>
	2014262365		<b><u>F04D 13 /-</u></b>		
2013324845	<b><u>E02D 3 /-</u></b>	2014264804		2014242011	2013206582
		2014323060	2014408694		2013206584
<b><u>C23C 22 /-</u></b>	2014318024	2014402382	<b><u>F16B 1 /-</u></b>	<b><u>F16L 58 /-</u></b>	<b><u>G01B 5 /-</u></b>
		<b><u>E21B 19 /-</u></b>			
2012392207	<b><u>E02F 9 /-</u></b>		2014200467	2016355941	2015271905
<b><u>C23C 24 /-</u></b>		2013364449	<b><u>F16B 11 /-</u></b>	<b><u>F16N 3 /-</u></b>	<b><u>G01C 19 /-</u></b>
	2014296674	<b><u>E21B 21 /-</u></b>			
2013354884	2016200300		2013348225	2014275041	2014348479
2014270757	<b><u>E03C 1 /-</u></b>	2014323060	<b><u>F16B 45 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>G01F 1 /-</u></b>
<b><u>C23C 4 /-</u></b>		2017200292			
	2013362817	<b><u>E21B 33 /-</u></b>	2015228745	2013326707	2014302306
2013354884	<b><u>E03D 9 /-</u></b>		<b><u>F16C 29 /-</u></b>	2014240483	
		2015387241		<b><u>F17C 5 /-</u></b>	<b><u>G01H 1 /-</u></b>
<b><u>C23C 8 /-</u></b>	2014290129	<b><u>E21B 34 /-</u></b>	2014288933		2013388670
				2014240483	
2012392207	<b><u>E04B 2 /-</u></b>	2016253692			

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<b>G01H 13 /-</b>	<b>G01V 1 /-</b>		2016200276	2016225793	2015357253
2013388670	2014201392	<b>G06Q 10 /-</b>			2016201310
	2014202439	2014407451	<b>H01F 41 /-</b>	<b>H02K 35 /-</b>	2016203898
	2014202441		2016200276	2016201725	<b>H04M 1 /-</b>
<b>G01L 27 /-</b>		<b>G06Q 20 /-</b>			
2016201083	<b>G01V 3 /-</b>	2014353151	<b>H01G 11 /-</b>	<b>H02K 5 /-</b>	2015280330
	2014229834	2015350704	2014253226	2015391632	<b>H04N 13 /-</b>
<b>G01L 9 /-</b>		<b>G06Q 40 /-</b>			
2016201083	<b>G02B 27 /-</b>	2014353151	<b>H01G 17 /-</b>	<b>H02K 9 /-</b>	2015202403
	2015202403		2017200342	2015377980	<b>H04N 19 /-</b>
<b>G01M 17 /-</b>		<b>G06Q 50 /-</b>		2015391632	
2013320504	<b>G02B 6 /-</b>	2016202022	<b>H01H 71 /-</b>	2016222500	2014373904
2013320505	2014230755		2017201717		2016201663
		<b>G06T 17 /-</b>		<b>H02M 7 /-</b>	2017201237
<b>G01M 7 /-</b>	<b>G03B 15 /-</b>	<b>H01L 21 /-</b>		2015203405	2017201283
2013388670	2015202403	2014231346		2015339980	<b>H04N 21 /-</b>
		2015275308	2014288933		
<b>G01N 1 /-</b>	<b>G03G 15 /-</b>		2016203094	<b>H02S 20 /-</b>	2014354766
2014243587	2015236436	<b>G08B 13 /-</b>		2016374498	2015280330
2015203178		2015245757	<b>H01L 31 /-</b>		<b>H04N 5 /-</b>
	<b>G05D 1 /-</b>		2016374498	<b>H02S 40 /-</b>	
<b>G01N 11 /-</b>	2016231606	<b>G08G 1 /-</b>		2014288933	2015331251
2014414053		2013345499	<b>H01M 8 /-</b>		<b>H04N 7 /-</b>
	<b>G06F 1 /-</b>	2016231606	2013304341	<b>H03H 1 /-</b>	
<b>G01N 17 /-</b>	2014309292		2014223472		2017201511
2014209008		<b>G09B 19 /-</b>		2017200342	<b>H04N 9 /-</b>
	<b>G06F 11 /-</b>	2014318398	<b>H01R 11 /-</b>		
<b>G01N 21 /-</b>	2012265602		2014213569	<b>H03K 3 /-</b>	2014354766
2014243988	2016203021	<b>G09F 3 /-</b>		2014410245	<b>H04R 1 /-</b>
		2015290046	<b>H02G 1 /-</b>		
<b>G01N 25 /-</b>	<b>G06F 17 /-</b>	2015290145	2012247041	<b>H03M 13 /-</b>	2014329538
2015201522	2013290566			2016203021	<b>H04R 15 /-</b>
	2013362817	<b>G09F 9 /-</b>	<b>H02G 3 /-</b>		
<b>G01N 27 /-</b>	2014407451	2015355047	2015283204	<b>H03M 7 /-</b>	2015204458
2013369643	2014410245			2016202800	<b>H04W 12 /-</b>
2016206360	2015200730	<b>G09G 3 /-</b>	<b>H02H 9 /-</b>		
	2017200106	2016269550	2014309015	<b>H04B 3 /-</b>	2015237203
<b>G01N 33 /-</b>	2017201389		2014309019	2014231141	2016277717
2012313353		<b>G09G 5 /-</b>	<b>H02J 3 /-</b>		<b>H04W 16 /-</b>
2012322762	<b>G06F 19 /-</b>	2016202267		<b>H04B 7 /-</b>	
2012343843	2012347683		2016204102	2014360286	2013387709
2013298144	2014231346	<b>G10L 19 /-</b>	<b>H02J 50 /-</b>		2014410858
2014243587	2014253499	2016202800		<b>H04L 12 /-</b>	2015286550
2015265852			2015350704	2012265602	<b>H04W 4 /-</b>
2016201529	<b>G06F 21 /-</b>	<b>G11B 20 /-</b>		2014209663	
2016203096	2015200730	2013272414	<b>H02J 7 /-</b>	2014236926	2015237203
2016206360	2016203898	2015280330		2015237203	2016219971
2016225908	2016273909		<b>H02K 1 /-</b>		<b>H04L 27 /-</b>
		<b>H01B 13 /-</b>		2015226655	<b>H04W 40 /-</b>
<b>G01N 37 /-</b>	<b>G06F 3 /-</b>	2014230755	2015377980		
2016200387	2014242161		2015391632	<b>H04L 29 /-</b>	<b>H04W 48 /-</b>
2016206360	2014381638	<b>H01F 1 /-</b>			
	2016202805	2016200276	<b>H02K 15 /-</b>	2012265602	2016277717
<b>G01P 3 /-</b>	2016203898		2014212811	2013387709	
2013276982		<b>H01F 27 /-</b>		2015237203	<b>H04W 64 /-</b>
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	2013290566		2016225793	<b>H04L 7 /-</b>	2015286550
<b>G01R 33 /-</b>	<b>G06N 7 /-</b>	<b>H01F 3 /-</b>		2017201676	<b>H04W 76 /-</b>
2014229834	2015271905		<b>H02K 19 /-</b>		
2014240394				<b>H04L 9 /-</b>	2013387709

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2015237203

**H04W 88 /-**

2016277717

**H05K 7 /-**

2015339980

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

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

- 
- (71) CCL Secure Pty Ltd  
(11) AU-B-2017101291  
(21) 2017101291 (22) 21.09.2017  
(54) OPTICALLY VARIABLE THREE DIMENSIONAL MOIRÉ DEVICE  
(51) Int. Cl.  
    *B42D 25/342* ( 2014.01 )  
    *B42D 25/425* ( 2014.01 )  
    *B42D 25/45* ( 2014.01 )  
    *G02B 27/60* ( 2006.01 )  
(45) 08.03.2018  
(72) Lee, Robert; Stevens, Ben Paul; Phillips, Darren  
(74) Phillips Ormonde Fitzpatrick

**Numerical Index**

**2017101291** CCL Secure Pty Ltd

IPC Index

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2017101291

G02B 27 /-

2017101291



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2013245011 **Intervet International B.V.** ( Merial, Inc. )
- 2014271193 **Crisalis International Pty Ltd** ( Desaln8 Pty Ltd )

**Opposition Withdrawn**

- 2016218950 **Pricolo, A.** ( Key Pharmaceuticals Pty Ltd )

**Patents Granted**

**Standard Patents**

2010236077	2011380598	2012220369	2012238236
2012240570	2012245344	2012266868	2012297569
2012312364	2012320554	2012328139	2012335039
2012340635	2012347200	2012348419	2012356922
2012361897	2012362898	2012367104	2012372049
2012376565	2012379301	2012383222	2012389803
2012391717	2013200330	2013201549	2013201992
2013202166	2013204286	2013205728	2013206510
2013209234	2013210955	2013214776	2013215886
2013220525	2013221502	2013221672	2013222328
2013225592	2013229779	2013235347	2013235467
2013241043	2013241853	2013248192	2013248301
2013250755	2013255752	2013256556	2013257161
2013258223	2013259581	2013266468	2013267435
2013273918	2013278942	2013284681	2013288398
2013291792	2013302262	2013307743	2013308991
2013312574	2013313024	2013315518	2013326424
2013328486	2013329296	2013329457	2013331124
2013338057	2013340748	2013342275	2013346517
2013347073	2013348380	2013349352	2013349353
2013355110	2013355120	2013361598	2013364003
2013366512	2013366589	2013372975	2014201167
2014201382	2014201479	2014203061	2014203241
2014206228	2014209697	2014209913	2014209919
2014210602	2014213918	2014216500	2014218226
2014218478	2014222885	2014226308	2014231766
2014232308	2014234313	2014235032	2014240603
2014241352	2014242705	2014243047	2014246645
2014254261	2014260145	2014262250	2014264173
2014274670	2014274830	2014280852	2014282812
2014285771	2014288997	2014293657	2014296179
2014300886	2014305340	2014311826	2014321674
2014323747	2014326358	2014328470	2014332251
2014338981	2014343312	2014343842	2014345591
2014348532	2014349736	2014350603	2014351034
2014357334	2014357353	2014360877	2014360878
2014374304	2014375225	2014375584	2014376301
2014384595	2014384745	2014393408	2014402330
2014407591	2014409333	2015200881	2015201380
2015201882	2015204349	2015211421	2015213583
2015214529	2015218201	2015221550	2015228521
2015233840	2015242407	2015246099	2015249921
2015252981	2015257106	2015261675	2015261711
2015266924	2015268695	2015268727	2015268790
2015270158	2015275244	2015275271	2015276925
2015290344	2015296246	2015298237	2015301704
2015325432	2015331503	2015333791	2015352888
2015354564	2016200107	2016200393	2016200432
2016200486	2016200495	2016201506	2016201638
2016201656	2016201716	2016201754	2016201810
2016201862	2016202252	2016202337	2016202392
2016202651	2016203194	2016203211	2016203437
2016203746	2016204125	2016204168	2016204468

**Patents Granted**

**Standard Patents**

2016205929	2016208250	2016210759	2016213835
2016213923	2016214021	2016216646	2016216701
2016219686	2016219688	2016222479	2016228305
2016235039	2016235047	2016238894	2016241847
2016246428	2016247157	2016262695	2016265963
2017200304	2017201398	2017201401	

**Innovation Patents**

2014101624	2016102369	2016102370	2017101625
2017101815	2018100067	2018100099	2018100109
2018100111	2018100129	2018100149	2018100150
2018100156	2018100157	2018100160	2018100161
2018100162	2018100163	2018100164	2018100167
2018100168	2018100169	2018100170	2018100171
2018100172	2018100173	2018100176	

**Offer to Surrender**

It is hereby notified that **Roll Recovery, LLC 1668 Valtec Lane Ste. H , Boulder Colorado 80301** , the Patentee of Patent 2018100056 dated 31.01.2018 for an invention titled ' Massage roller' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

- 2001239017 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2001291478 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2002226970 Diamond Z Manufacturing The patent has been assigned to **Rule Steel Tanks, Inc.**
- 2002253786 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2002304166 Sony Computer Entertainment Inc. The patent has been assigned to **Sony Interactive Entertainment Inc.**
- 2002330060 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2002332975 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2002361144 Giesecke & Devrient GmbH The patent has been assigned to **Giesecke+Devrient Currency Technology GmbH**
- 2003210307 Giesecke & Devrient GmbH The patent has been assigned to **Giesecke+Devrient Currency Technology GmbH**
- 2003211084 Coinstar, LLC The patent has been assigned to **Coinstar Asset Holdings, LLC**
- 2003211085 Coinstar, LLC The patent has been assigned to **Coinstar Asset Holdings, LLC**
- 2004210542 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2004210544 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**
- 2004256206 Medion Diagnostics AG The patent has been assigned to **Grifols Diagnostics Solutions Inc**
- 2004256210 Medion Diagnostics AG The patent has been assigned to **Grifols Diagnostics Solutions Inc**

**Assignments Registered**

2004258508 Xerox Corporation The patent has been assigned to **Conduent Business Services, LLC**

2004258511 Xerox Corporation The patent has been assigned to **Conduent Business Services, LLC**

2004258514 Xerox Corporation The patent has been assigned to **Conduent Business Services, LLC**

2004258516 Xerox Corporation The patent has been assigned to **Conduent Business Services, LLC**

2004286255 Swales & Associates, Inc. The patent has been assigned to **Orbital ATK, Inc.**

2004319804 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2005100007 Packaged Food International Pty Ltd The patent has been assigned to **Pereira, Silvester**

2005202712 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2005224973 Medion Diagnostics AG The patent has been assigned to **Grifols Diagnostics Solutions Inc**

2006257073 Baxter Healthcare S.A.; CBR Institute for Biomedical Research; Baxter International Inc. The patent has been assigned to **Baxter International Inc.; Baxter Healthcare S.A.; Children's Medical Center Corporation**

2006329927 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2007201346 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2007341650 Medion Diagnostics AG The patent has been assigned to **Grifols Diagnostics Solutions Inc**

2009201747 Bluebird Rail Operations Pty Ltd The patent has been assigned to **CFCL Australia Maintenance Pty Ltd**

2009254935 GW Pharma Limited; Otsuka Pharmaceutical Co. Limited The patent has been assigned to **GW Pharma Limited**

2009274076 Ambrx, Inc.; Eli Lilly and Company The patent has been assigned to **Ambrx, Inc.; Elanco US Inc.**

2009296397 Ambrx Inc.; Eli Lilly and Company The patent has been assigned to **Ambrx Inc.; Elanco US Inc.**

2009328258 Akzo Nobel N.V. The patent has been assigned to **Thyssenkrupp Uhde Chlorine Engineers (Italia) S.r.l.**

2010101535 FTR Pty, Ltd. The patent has been assigned to **FTR Labs Pty Ltd**

2010260102 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2010281042 BioNTech AG; Uniwersytet Warszawski; Johannes Gutenberg-Universität Mainz The patent has been assigned to **Uniwersytet Warszawski; TRON - Translational Onkologie an der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH**

2010353176 Jikai Equipment Manufacturing Co., Ltd The patent has been assigned to **Jikai (Hebei) Mechatronics Technology Co., Ltd.**

**Assignments Registered**

2011100747 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2011203171 Akzo Nobel N.V. The patent has been assigned to **Akzo Nobel Chemicals International B.V.**

2011215628 Seventh Generation Ventures, Inc. The patent has been assigned to **O2C Raleigh, LLC**

2011221514 Bas Rutten, LLC The patent has been assigned to **Rutten, Sebastiaan**

2011305386 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2011352800 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2011352801 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2012100478 Seventh Generation Ventures, Inc. The patent has been assigned to **O2C Raleigh, LLC**

2012201212 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2012209430 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2012218007 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2012232949 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2012236334 SK Biopharmaceuticals Co., Ltd.; Acorda Therapeutics, Inc. The patent has been assigned to **SK Biopharmaceuticals Co., Ltd.**

2012256220 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2012280695 Giesecke & Devrient GmbH The patent has been assigned to **Giesecke+Devrient Currency Technology GmbH**

2012330712 Advance Lithium Projects Ltd The patent has been assigned to **Hahn, Eyal**

2013200271 Ambrx, Inc.; Eli Lilly and Company The patent has been assigned to **Ambrx, Inc.; Elanco US Inc.**

2013200580 Brighteye Innovations, LLC The patent has been assigned to **O2C Galactic, LLC**

2013200849 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2013200903 IGM Biosciences Inc. The patent has been assigned to **IGM BIOSCIENCES A/S**

2013202836 Ambrx, Inc.; Eli Lilly and Company The patent has been assigned to **Ambrx, Inc.; Elanco US Inc.**

2013219820 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2013224751 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2013313248 Liaci, Stephen; Zickerman, Terry The patent has been assigned to **Love Sun Body, LLC**

### Assignments Registered

2013334989 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2013345149 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2014100638 Joyce, Karl The patent has been assigned to **Willowtree Holdings Pty Ltd**

2014101360 VAC Group Operations Pty Ltd The patent has been assigned to **VHS IP Pty Ltd**

2014228312 Sleep Number Corporation; SleepIQ Labs Inc. The patent has been assigned to **Sleep Number Corporation; Select Comfort Corporation**

2014236803 Sleep Number Corporation; SleepIQ Labs Inc. The patent has been assigned to **Sleep Number Corporation; Select Comfort Corporation**

2014236920 SleepIQ Labs Inc.; Sleep Number Corporation The patent has been assigned to **Sleep Number Corporation; Select Comfort Corporation**

2014236946 Sleep Number Corporation; SleepIQ Labs Inc. The patent has been assigned to **Sleep Number Corporation; Select Comfort Corporation**

2014244489 Sleep Number Corporation; SleepIQ Labs Inc. The patent has been assigned to **Sleep Number Corporation; Select Comfort Corporation**

2014248617 Eli Lilly and Company; Ambrx, Inc. The patent has been assigned to **Ambrx, Inc.; Elanco US Inc.**

2015101104 Scheibler, Holger The patent has been assigned to **Dunbabin, Ashley; Wood, Nathan**

2015200994 Restaurant Technology, Inc. The patent has been assigned to **McD Asia Pacific LLC**

2015216691 Enzymotec Ltd. The patent has been assigned to **Aker Biomarine Antarctic AS**

2015259417 Cloud Crowding Corp. The patent has been assigned to **Datomia Research Labs O#**

2015304803 Tohoku Murata Manufacturing Co., Ltd The patent has been assigned to **Murata Manufacturing Co., Ltd.**

2015304803 Sony Corporation The patent has been assigned to **Tohoku Murata Manufacturing Co., Ltd**

2016234891 2-BBB Medicines B.V. The patent has been assigned to **EnhancX Biopharm Inc.**

### Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

#### Extensions granted

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

2015213401 **AbbVie Biotherapeutics Inc.**

The earliest first regulatory approval date provided by the patentee 22 Sep 2016

For the goods **EMPLICITI** elotuzumab

Extension of Term of patent pursuant to Section 77 expires on 10 May 2029

### Corrigenda

In Vol 29 , No 16 , Page(s) 2344 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2013** Under the name Duke University; The Trustees of the University of Pennsylvania; The Board of Trustees of the Leland Stanford Junior University; Los Alamos National Security, LLC; Trustees of Boston University; The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Application No. 2013316100, under INID (71) correct the co-applicant name to The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services

In Vol 31 , No 49 , Page(s) 7091 under the heading **Amendments - Application for Amendments** Under the name Janssen Oncology, Inc., Application No. 2007287098 correct the date of the statements filed to read 30 Aug 2017, 24 Oct 2017 and 24 Nov 2017

In Vol 32 , No 6 , Page(s) 840 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Heptares Therapeutics Limited, Application No. 2016302047, under INID (71) correct the applicant name to Heptares Therapeutics Limited

In Vol 32 , No 7 , Page(s) 967 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Centre National de la Recherche Scientifique; Universite de Montpellier; AxLR, SATT eu Languedoc Roussillon (SATT AxLR), Application No. 2016299782, under INID (71) correct the co-applicant name to AxLR, SATT du Languedoc Roussillon (SATT AxLR)

In Vol 32 , No 7 , Page(s) 973 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Eli Lilly and Company, Application No. 2016335960, under INID (71) correct the applicant name to Elanco US Inc.

In Vol 32 , No 7 , Page(s) 984 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name MacroGenics, Inc., Application No. 2016298227, under INID (54) correct the title to read PD-1-binding molecules and methods of use thereof

In Vol 32 , No 8 , Page(s) 1153 under the heading **Applications Accepted - Name Index** Under the name Duke University; The Trustees of the University of Pennsylvania; The Board of Trustees of the Leland Stanford Junior University; Los Alamos National Security, LLC; Trustees of Boston University; The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Application No. 2013316100, under INID (71) correct the co-applicant name to The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services

### Specifications Republished

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

2013206215	<b>Yu, C.; Techfields Biochem Co. Ltd</b>
2014270152	<b>Kalvista Pharmaceuticals Limited</b>
2016220153	<b>Arizona Board of Regents on Behalf of Arizona State University</b>