



**Australian Government**

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**IP Australia**

**Supplement to the  
AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

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

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Eris Innovations, LLC [2018] APO 17*

Patent Application: 2017201734

Title: Non-biased, Centrally-cleared Financial Instrument and Method of Clearing and Settling

Patent Applicant: Eris Innovations, LLC

Delegate: Xavier Gisz

Decision Date: 8 March 2018

Hearing Date: Written submissions filed on 4 December 2017

Catchwords: **PATENTS** - The invention is a system for trading financial instruments - examiner's objection – claims are not for a manner of manufacture – no patentable subject matter present – application refused

Representation: Patent attorney for the applicant: Peter Maxwell & Associates

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 22 March 2018**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Steven Borovec v K-Fee System GmbH [2018] APO 18***

Patent Application: 2013279478

Title: Portion capsule and method for producing a beverage by means of a portion capsule

Patent Applicant: K-Fee System GmbH

Opponent: Steven Borovec

Delegate: R Subbarayan

Decision Date: 9 March 2018

Hearing Date: 14 December 2017, in Melbourne

Catchwords: **PATENTS** - opposition under section 104 – provisions of the Intellectual Property Laws Amendment (Raising the Bar) Act 2012 apply - allowability under section 102(1), 102(2)(a) and 102(2)(b) considered – opposition successful – amendments refused – costs awarded against the applicant

Representation: Counsel for the applicant: Ben Fitzpatrick  
Patent attorney for the applicant: Collison & Co  
Counsel for the opponent: Ian Horak  
Patent attorney for the opponent: Churchill Patent Attorneys

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Syngenta Crop Protection AG v Bayer Intellectual Property GmbH [2018] APO 19*

Patent Applications: 2004290500 and 2011244912

Title: Combination of active substances with insecticidal properties

Patent Applicant: Bayer Intellectual Property GmbH

Opponent: Syngenta Crop Protection AG

Delegate: K. Wagg

Decision Date: 9 March 2018

Hearing Date: 17 October 2017

Catchwords: **PATENTS** –Section 59-Synergistic combination of insecticides-clarity-fair basis-utility-novelty-inventive step-common general knowledge and a document-common general knowledge solves the problem by using combination formulations-combinations are disclosed in a document-synergy and weight ratio would be determined as a matter of routine.

Representation: Counsel for the Applicant: Christian Dimitriadis SC  
Patent attorneys for the Applicant: Dr Stuart Boyer and Claire Ramsey of Griffith Hack

Patent attorneys for the Opponent: Dr Aaron Olsen of Spruson and Ferguson

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 6 Mar 2018 .

(71) ATP Institute Pty Ltd (21) 2018900701 (22) 05.03.2018 (54) PROTEIN FOOD BAR	<b>Environmental Engineers International Pty Ltd see Kurup, R.</b> (21) 2018900728	(71) Kendall, G. (21) 2018900704 (22) 05.03.2018 (54) Track Attachment
(71) Aurecon Group Brand Pty Ltd (21) 2018900702 (22) 05.03.2018 (54) A Method and Apparatus	(71) Functional Intelligence Pty Ltd (21) 2018900718 (22) 06.03.2018 (54) Online Personal Development Tool	(71) Kurup, R.; Environmental Engineers International Pty Ltd (21) 2018900728 (22) 06.03.2018 (54) METHOD FOR ANAEROBIC TREATMENT OF LEGACY OXALATE RICH WASTEWATER FROM BAYER PROCESS
(71) Benatos, J. (21) 2018900712 (22) 06.03.2018 (54) A shower cleaning accessory	(71) Helberg, P. (21) 2018900720 (22) 06.03.2018 (54) The invention concerns a hydroelectric tide, dam and river, slow or fast moving water flow installation, in particular but not exclusively, a hydroelectric installation specifically at the dam water inflow and outflow post the hydro electrical turbine for harvesting moving water energy. Further the installation could be in any moving ocean tide, river, sewerage drainage system, storm water drainage pipes city or town water management system or any moving water pipe.	(71) Lourigan, D. (21) 2017904197 (22) 09.10.2017 (54) A SHAPPED FOOD CUTTER
(71) briscoe, g. (21) 2018900710 (22) 05.03.2018 (54) book cover maker	(71) Helberg, P. (21) 2018900721 (22) 06.03.2018 (54) [0001] The invention concerns a hydroelectric dam and river or fast moving water flow installation, in particular but not exclusively, a hydroelectric installation specifically at the dam water inflow and outflow post the hydro electrical turbine for harvesting fast moving water movement. Further the installation could be in any fast moving river, sewerage drainage system, storm water drainage pipes or any fast moving water pipe.	(71) Lumorail Pty Ltd (21) 2018900715 (22) 06.03.2018 (54) An illuminated handrail assembly
(71) Carless, G. (21) 2018900725 (22) 06.03.2018 (54) A locking assembly for securing one or more building elements in a building system	(71) Helberg, P. (21) 2018900717 (22) 06.03.2018 (54) IMPROVED CONCRETE SANDWICH PANELS AND FABRICATION METHOD	(71) MINETOMETAL PTY LTD (21) 2018900703 (22) 05.03.2018 (54) IMPURITY CONTROL IN LEACH LIQUORS
(71) Clickstair Pty Ltd (21) 2018900723 (22) 06.03.2018 (54) Furniture System	(71) Illinois Tool Works Inc. (21) 2018900717 (22) 06.03.2018 (54) IMPROVED CONCRETE SANDWICH PANELS AND FABRICATION METHOD	(71) MINETOMETAL PTY LTD (21) 2018900705 (22) 05.03.2018 (54) NOVEL FRAGMENTATION METHOD
(71) CSBP Limited (21) 2018900706 (22) 05.03.2018 (54) Agricultural Condition Determination	(71) NewSouth Innovations Pty Limited (21) 2018900707 (22) 05.03.2018 (54) A confocal microscopy apparatus	<b>Moore, O. see Sinclair, M.</b> (21) 2018900699
(71) Donovan Group NZ Ltd (21) 2018900729 (22) 06.03.2018 (54) Method, system and graphical user interface for building design		(71) N.A. & E.P. Coon Nominees Pty Ltd (21) 2018900711 (22) 05.03.2018 (54) Removable or Repositionable Self Adhesive Label or Sign and Methods
(71) Englund, M. (21) 2018900708 (22) 05.03.2018 (54) Method and system for distributed acoustic sensing in a high loss environment		

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited  
 (21) 2018900727 (22) 06.03.2018  
 (54) NOISE-INDUCED HEARING LOSS  
 SUSCEPTIBILITY TEST METHOD  
 AND TEST APPARATUS

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(71) NewSouth Innovations Pty Ltd  
 (21) 2018900665 (22) 01.03.2018  
 (54) Nuclear spin quantum processing ele-  
 ment and method of operation thereof

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(71) PRETTY, J.  
 (21) 2018900726 (22) 06.03.2018  
 (54) CARGO CONTAINER

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(71) RESMED LIMITED; University of Tech-  
 nology Sydney  
 (21) 2018900724 (22) 06.03.2018  
 (54) Non-contact monitoring of nocturnal  
 body position

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(71) ryan, s.  
 (21) 2018900700 (22) 05.03.2018  
 (54) sterile baby water safe to use from birth  
 portable east to use on the go. can be  
 used as a wter drink, diluted with juice  
 or with baby formula

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(71) SIGRA PTY LTD  
 (21) 2018900714 (22) 06.03.2018  
 (54) Rock Stress Determination from Core  
 Deformation

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(71) Sinclair, M.; Moore, O.  
 (21) 2018900699 (22) 05.03.2018  
 (54) A compact disc album rehousing

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(71) StretchSense Limited  
 (21) 2018900709 (22) 05.03.2018  
 (54) An Improved Capacitive Coupling

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(71) SVSR PTY LTD  
 (21) 2018900722 (22) 06.03.2018  
 (54) The invention involves the use of En-  
 gineered Nano Materials (ENMs) based  
 on Titanium Dioxide (TiO<sub>2</sub>) for the re-  
 duction of pollutants from wastewaters.

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**University of Technology Sydney see  
 RESMED LIMITED**  
 (21) 2018900724

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(71) Vonhof, A.  
 (21) 2018900713 (22) 06.03.2018  
 (54) A containment system for live bait for a  
 kayak

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(71) Wood, C.  
 (21) 2018900719 (22) 06.03.2018  
 (54) Improved Density Tracer

**Numerical Index**

<b>2017904197</b>	Lourigan, D.
<b>2018900665</b>	NewSouth Innovations Pty Ltd
<b>2018900699</b>	Sinclair, M.; Moore, O.
<b>2018900700</b>	ryan, s.
<b>2018900701</b>	ATP Institute Pty Ltd
<b>2018900702</b>	Aurecon Group Brand Pty Ltd
<b>2018900703</b>	MINETOMETAL PTY LTD
<b>2018900704</b>	Kendall, G.
<b>2018900705</b>	MINETOMETAL PTY LTD
<b>2018900706</b>	CSBP Limited
<b>2018900707</b>	NewSouth Innovations Pty Limited
<b>2018900708</b>	Englund, M.
<b>2018900709</b>	StretchSense Limited
<b>2018900710</b>	briscoe, g.
<b>2018900711</b>	N.A. & E.P. Coon Nominees Pty Ltd
<b>2018900712</b>	Benatos, J.
<b>2018900713</b>	Vonhof, A.
<b>2018900714</b>	SIGRA PTY LTD
<b>2018900715</b>	Lumorail Pty Ltd
<b>2018900717</b>	Illinois Tool Works Inc.
<b>2018900718</b>	Functional Intelligence Pty Ltd
<b>2018900719</b>	Wood, C.
<b>2018900720</b>	Helberg, P.
<b>2018900721</b>	Helberg, P.
<b>2018900722</b>	SVSR PTY LTD
<b>2018900723</b>	Clickstair Pty Ltd
<b>2018900724</b>	RESMED LIMITED; University of Technology Sydney
<b>2018900725</b>	Carless, G.
<b>2018900726</b>	PRETTY, J.
<b>2018900727</b>	NewSouth Innovations Pty Limited
<b>2018900728</b>	Kurup, R.; Environmental Engineers International Pty Ltd
<b>2018900729</b>	Donovan Group NZ Ltd



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 6 Mar 2018 .

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

<hr/> <p><b>ADC Telecommunications, Inc. see TE Connectivity AMP Espana, S.L.U.</b> (21) 2018201585</p> <hr/> <p>(71) ADVANCED BEARING SOLUTIONS PTY LTD (21) 2018201568 (22) 05.03.2018 (54) Advanced Wheel Bearing Heat Sensor. The heat sensor replaces a trailers dust cover or hub cap and monitors the wheel bearings for excessive heat. The sensor transmits the temperature via an RF device to a smart device in a car or truck providing information to the driver.</p> <hr/> <p>(71) Advanced Global Innovations Pty Ltd (21) 2018201578 (22) 05.03.2018 (54) Concealed Wall mounted folding urinal (62) 2014262369</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2018201588 (22) 06.03.2018 (54) METHOD AND SYSTEM FOR COOLING A HYDROCARBON STREAM (31) 15/822,799 (32) 27.11.17 (33) US 15/830,269 12.04.17 US</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2018201591 (22) 06.03.2018 (54) METHOD AND SYSTEM FOR COOLING A HYDROCARBON STREAM (31) 15/822,713 (32) 27.11.17 (33) US 15/830,330 12.04.17 US</p> <hr/> <p>(71) Asphalt Systems, Inc. (21) 2018201587 (22) 06.03.2018 (54) Coating system for asphalt and related methods (31) 15/691,248 (32) 30.08.17 (33) US</p> <hr/> <p>(71) Australis Crop Protection Pty Ltd (21) 2018201575 (22) 05.03.2018 (54) CROP PROTECTION COMPOSITION AND METHOD</p> <hr/> <p>(71) BGC Partners, Inc. (21) 2018201559 (22) 05.03.2018 (54) CUSTOMIZABLE TRADING DISPLAY OF MARKET DATA (62) 2015282363</p>	<p>(71) Biosense Webster (Israel) Ltd. (21) 2018201563 (22) 05.03.2018 (54) SIMULTANEOUS CONTROL OF POWER AND IRRIGATION DURING ABLATION (31) 15/895,787 (32) 13.02.18 (33) US 62/470,940 14.03.17 US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2018201564 (22) 05.03.2018 (54) ESTIMATION OF TISSUE THICKNESS FROM RATE OF CHANGE OF CATHETER TEMPERATURE (31) 62/470,983 (32) 14.03.17 (33) US 15/896,687 14.02.18 US</p> <hr/> <p>(71) Bono, P. (21) 2018201584 (22) 06.03.2018 (54) Rotary oscillating bone, cartilage, and disk removal tool assembly (62) 2013260029</p> <hr/> <p>(71) Borody, T. (21) 2018201590 (22) 06.03.2018 (54) Compositions for the restoration of a fecal microbiota and methods for making and using them (62) 2013350328</p> <hr/> <p>(71) Boveda, Inc. (21) 2018201648 (22) 07.03.2018 (54) Humidity control system for wood products (62) 2014242327</p> <hr/> <p>(71) BPAY Group Limited (21) 2018201523 (22) 02.03.2018 (54) Payment requests (62) 2011378113</p> <hr/> <p><b>Cambridge Enterprise Limited University of Cambridge see Yale University</b> (21) 2018201554</p> <hr/> <p>(71) Campbell, P. (21) 2018201512 (22) 02.03.2018 (54) METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR TRACKING CONSUMER INTERACTIONS WITH PRODUCTS USING ELECTROMAGNETIC BEAM SENSORS (62) 2013371368</p>	<hr/> <p>(71) CHASE PHARMACEUTICALS CORPORATION (21) 2018201519 (22) 02.03.2018 (54) Method and composition for treating Alzheimer-type dementia (62) 2015213396</p> <hr/> <p>(71) Daon Holdings Limited (21) 2018201573 (22) 05.03.2018 (54) Methods and Systems for Determining User Liveness (31) 15/4514,460 (32) 07.03.17 (33) US</p> <hr/> <p>(71) Etex Services NV (21) 2018201569 (22) 05.03.2018 (54) HYDROPHOBIZED FIBER CEMENT PRODUCT COMPRISING AT LEAST ONE PROFILED SURFACE (62) 2014320551</p> <hr/> <p>(71) F. Hoffmann-La Roche AG (21) 2018201557 (22) 05.03.2018 (54) Heteroaryl pyridone and aza-pyridone compounds as inhibitors of Btk activity (62) 2016273930</p> <hr/> <p>(71) Fresenius Medical Care Holdings, Inc. (21) 2018201518 (22) 02.03.2018 (54) Portable dialysis machine (62) 2011358554</p> <hr/> <p>(71) General Electric Company (21) 2018201583 (22) 06.03.2018 (54) COPRODUCTION OF LIQUEFIED NATURAL GAS AND ELECTRIC POWER WITH REFRIGERATION RECOVERY (31) 15/457,611 (32) 13.03.17 (33) US</p> <hr/> <p><b>GlaxoSmithKline Intellectual Property Development Limited see Yale University</b> (21) 2018201554</p> <hr/> <p>(71) GUSHER MANAGEMENT, S.L. (21) 2018201581 (22) 05.03.2018 (54) Method and Device for Treatment of Liquid Hydrocarbons</p> <hr/> <p>(71) Idemitsu Kosan Co.,Ltd. (21) 2018201517 (22) 02.03.2018</p>
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Applications listed below were processed through the Patent Office Canberra during the period ending 6 Mar 2018 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Drewett, B. (21) 2018100286 (22) 05.03.2018 (54) Compactable Void Former for Concrete Slabs</p> <hr/> <p>(71) Li, Z. (21) 2018100287 (22) 05.03.2018 (54) Multifunctional Cosmetic Bag</p> <hr/> <p>(71) Li, Z. (21) 2018100288 (22) 05.03.2018 (54) Novel Cosmetic Bag</p> <hr/> <p>(71) Litfin, C. (21) 2018100281 (22) 02.03.2018 (54) A mounting clip for electrical wall plates</p> <hr/> <p>(71) LU, Y. (21) 2018100282 (22) 05.03.2018 (54) A CIRCUIT ARRANGEMENT AND A SWITCHBOARD WITH THE CIRCUIT ARRANGEMENT (62) 2017272328</p> <hr/> <p>(71) LU, Y. (21) 2018100283 (22) 05.03.2018 (54) AN ENCLOSURE FOR A SWITCHBOARD (62) 2017232107</p> <hr/> <p>(71) LU, Y. (21) 2018100284 (22) 05.03.2018 (54) A POWER SOCKET (62) 2017279800</p> <hr/> <p>(71) LU, Y. (21) 2018100285 (22) 05.03.2018 (54) A STAND FOR A SWITCHBOARD (62) 2017208323</p> <hr/> <p><b>Ramjet Plastics Pty Ltd see Thomas, M.</b> (21) 2018100277</p> <hr/> <p>(71) S&amp;P Air Technologies Pty Ltd (21) 2018100278 (22) 02.03.2018 (54) FLUID SUPPLY CONTROL SYSTEM (31) 2017900741 (32) 03.03.17 (33) AU</p> <hr/> <p>(71) Tastebuds of Australia Pty Ltd (21) 2018100279 (22) 02.03.2018</p>	<p>(54) HOLDER ARRANGEMENT FOR AN EDIBLE GIFT (31) 2017902665 (32) 07.07.17 (33) AU</p> <hr/> <p>(71) Thomas, M.; Ramjet Plastics Pty Ltd (21) 2018100277 (22) 02.03.2018 (54) Pump Cover (31) 2017900724 (32) 02.03.17 (33) AU</p> <hr/> <p>(71) Wightman, B. (21) 2018100289 (22) 06.03.2018 (54) Fencing Clamp with Integrated Spanner</p> <hr/> <p>(71) Woods, D. (21) 2018100290 (22) 06.03.2018 (54) Buckytubes . A lattice containing other atoms provides a store for charge allowing octal processing. In particular, truncated carbon nanotubes ("Buckytubes") doped with three different atoms can store charge at eight levels, representing eight digits, thus allowing octal processing, replacing the current binary systems.</p> <hr/> <p>(71) YAP, S. (21) 2018100280 (22) 02.03.2018 (54) Modular Pallet Assembly (62) PCT/MY2016/050041</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)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
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- N Applications not Open to Public Inspection

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 2012298708 ( 4C )    2012298824 ( 4D )    2012298905 ( 14 )  
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 2012300194 ( 4C )    2012300221 ( 4C )    2012300258 ( 14 )  
 2012300297 ( 14 )    2012300476 ( 14 )    2012301152 ( 4C )  
 2012303008 ( 4D )    2012303683 ( 14 )    2012303778 ( 14 )

2012304810 ( 14 )    2012305570 ( 4D )    2012306139 ( 4C )  
 2012312902 ( 14 )    2012312907 ( 4C )    2012321004 ( 5C )  
 2012326651 ( 5C )    2012335640 ( 5C )    2012338265 ( 14 )  
 2012388266 ( 14 )

**2013**

2013101124 ( 22E )    2013200728 ( 14 )    2013204243 ( 14 )  
 2013205303 ( 5C )    2013205681 ( 14 )    2013205685 ( 14 )  
 2013210959 ( 5C )    2013211561 ( 5C )    2013219184 ( 4C )  
 2013219186 ( 14 )    2013219205 ( 4C )    2013219247 ( 4C )  
 2013221908 ( 14 )    2013221918 ( 4C )    2013221934 ( 4C )  
 2013221938 ( 5C )    2013228068 ( 5C )    2013251196 ( 5C )  
 2013260737 ( 14 )    2013262972 ( 5C )    2013264996 ( 5C )  
 2013267613 ( 5C )    2013269566 ( 5C )    2013273753 ( 5C )  
 2013278001 ( 5C )    2013289033 ( 5C )    2013290361 ( 5C )  
 2013290761 ( 5C )    2013293033 ( 5C )    2013304942 ( 4C )  
 2013305476 ( 4C )    2013305559 ( 4C )    2013305683 ( 14 )  
 2013305684 ( 14 )    2013305685 ( 14 )    2013305752 ( 4C )  
 2013305753 ( 4C )    2013305754 ( 4C )    2013305789 ( 4C )  
 2013305823 ( 4C )    2013307383 ( 4C )    2013308097 ( 14 )  
 2013308229 ( 4C )    2013308959 ( 4C )    2013309005 ( 4C )  
 2013309013 ( 14 )    2013309038 ( 14 )    2013309059 ( 4C )  
 2013309111 ( 14 )    2013309200 ( 14 )    2013313146 ( 14 )  
 2013313164 ( 14 )    2013313195 ( 14 )    2013316001 ( 4C )  
 2013327201 ( 4C )    2013337035 ( 4C )    2013337752 ( 5C )  
 2013338545 ( 14 )    2013338546 ( 4C )    2013341699 ( 4C )  
 2013349084 ( 5C )

**2014**

2014100645 ( 22 )    2014100987 ( 22E )    2014100996 ( 22E )  
 2014101536 ( 22 )    2014202617 ( 5C )    2014202619 ( 5C )  
 2014203857 ( 5C )    2014220336 ( 5C )    2014232329 ( 5C )  
 2014232558 ( 5C )    2014243710 ( 5C )    2014252200 ( 5C )  
 2014252695 ( 5C )    2014262293 ( 14 )    2014265559 ( 5C )  
 2014268664 ( 5C )    2014284140 ( 5C )    2014287371 ( 5C )  
 2014293432 ( 5C )    2014293509 ( 5C )    2014294587 ( 5C )  
 2014331655 ( 12C )    2014358993 ( 5C )    2014363146 ( 5C )  
 2014372762 ( 5C )    2014387111 ( 5C )

**2015**

2015100967 ( 22E )    2015101151 ( 22E )    2015101152 ( 22E )  
 2015101177 ( 22E )    2015101179 ( 22E )    2015101180 ( 22E )  
 2015101210 ( 22E )    2015202239 ( 14 )    2015207978 ( 4C )  
 2015211332 ( 5C )    2015218417 ( 4C )    2015238786 ( 5C )  
 2015252062 ( 4C )    2015263966 ( 5C )    2015264904 ( 5C )  
 2015268579 ( 4C )    2015271907 ( 5C )    2015271924 ( 5C )  
 2015289554 ( 5C )    2015359488 ( 25D )

**2016**

2016200247 ( 5C )    2016200401 ( 5C )    2016200539 ( 5C )  
 2016200545 ( 5C )    2016200831 ( 5C )    2016201022 ( 5C )  
 2016201036 ( 5C )    2016201056 ( 5C )    2016201092 ( 5C )  
 2016201095 ( 5C )    2016201152 ( 5C )    2016201353 ( 5C )  
 2016201631 ( 5C )    2016201632 ( 5C )    2016201740 ( 5C )  
 2016201933 ( 5C )    2016202001 ( 5C )    2016202034 ( 4C )  
 2016202294 ( 5C )    2016202315 ( 5C )    2016202380 ( 4C )  
 2016202539 ( 5C )    2016202670 ( 5C )    2016202679 ( 5C )  
 2016203166 ( 5C )    2016203176 ( 5C )    2016203229 ( 5C )  
 2016203275 ( 4C )    2016203330 ( 4C )    2016203539 ( 5C )  
 2016203722 ( 5C )    2016204008 ( 4C )    2016204178 ( 5C )  
 2016204335 ( 5C )    2016204466 ( 5C )    2016204979 ( 5C )  
 2016208265 ( 5C )    2016208439 ( 5C )    2016210638 ( 4C )  
 2016213727 ( 5C )    2016216659 ( 5C )    2016219676 ( 5C )  
 2016228195 ( 4C )    2016244348 ( 5C )    2016253687 ( 5CN )  
 2016259452 ( 5C )

**2017**

2017100704 ( 21F )    2017100877 ( 21F )    2017201899 ( 4C )  
 2017202127 ( 12AN )    2017203801 ( 4B )    2017204274 ( 4B )  
 2017900816 ( 12AN )

**2018**

2018201451 ( 12CN )

**Assignments before Grant, Section 113**

**2013**

2013209305    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2013327478    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2013331359    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

**2014**

2014215853    Roh, Ji    The application has been assigned to **Roh, Tae Sik**

2014232259    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014237186    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014237665    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014237965    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014240636    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014268549    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2014356400    Horizon Genomics GmbH    The application has been assigned to **Horizon Discovery Limited**

**2015**

2015202455    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2015234356    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2015238931    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

**2016**

2016202128    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2016203075    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**

2016203384    AMS Research Corporation    The application has been assigned to **Boston Scientific Scimed, Inc.**



**Assignments before Grant, Section 113**

2016203700 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016203709 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016203812 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016225794 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016231641 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016273999 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

2016277768 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

**2017**

2017204891 AMS Research Corporation The application has been assigned to **Boston Scientific Scimed, Inc.**

**Extensions of Time, Section 223**

**Applications Received**

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

**2005**

2005204090 **Kinderguard Limited** An application to extend the time from 10 Jan 2017 to 10 Oct 2017 in which to pay a renewal fee has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

**2007**

2007264734 **Hazzan, B.** An application to extend the time from 24 Jun 2013 to 24 Feb 2017 in which to pay a continuation fee has been filed . Address for service - Wallington-Dummer GPO BOX 3888 SYDNEY NSW 2001 AU

**2011**

2011291449 **Concepts IP Pty Ltd** An application to extend the time from 19 Aug 2017 to 19 Mar 2018 in which to pay a renewal fee has been filed . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2013**

2013316023 **Victaulic Company** An application to extend the time from 31 Jul 2017 to 28 Feb 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016200732 **Thermodynamic Design, LLC** An application to extend the time from 06 Jun 2017 to 06 Jan 2018 in which to pay a continu-

**Extensions of Time, Section 223**

ation fee has been filed . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**2017**

2017200889 **AgroFresh Inc.** An application to extend the time from 19 Jul 2017 to 19 Feb 2018 in which to pay a continuation fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

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

**2006**

2006201592 **Muniyer Pty Ltd** The time in which to pay a renewal fee has been extended to 13 Dec 2017 . Address for service - Wallington-Dummer GPO BOX 3888 SYDNEY NSW 2001 AU

**2008**

2008207283 **Vinecombe, B.** The time in which to pay the renewal fee has been extended to 16 Oct 2017 . Address for service - Barbara Jean Vinecombe PO Box 5 Yorkeys Knob QLD 4878 AU

2008322224 **Viridis Biopharma Pvt Ltd.** The time in which to pay a renewal fee has been extended to 21 Dec 2017 . Address for service - Shelston IP Pty Ltd. 60 Margaret St Sydney NSW 2000 AU

**2009**

2009207580 **DUO-GE** The time in which to pay a renewal fee has been extended to 26 Nov 2017 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2010**

2010242551 **Botanical Essentials Pty Ltd** The time in which to pay a renewal fee has been extended to 03 Dec 2017 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

**2011**

2011245075 **ISENTIA PTY LIMITED** The time in which to pay a renewal fee has been extended to 02 Jan 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2011316599 **Tanis, K.; Meyers, K.; Arrington, D.; Zhang, J.** The time in which to gain acceptance has been extended to 09 Sep 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2014**

2014100510 **The Finch Company Pty Limited** The time in which to pay a renewal fee has been extended to 16 Dec 2017 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2015**

2015366118 **Molina Sanchez, Alvaro** The time in which to enter the National Phase has been extended to 15 Dec 2017 . Address for service - Baldwins Intellectual Property 16 Chisholm Street North Ryde NSW 2113 AU

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

2016250485 **Apple Inc.** The time in which to pay a continuation fee has been extended to 13 Dec 2017 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2017**

2017200580 **Roux, G.** The time in which to gain acceptance has been extended to 10 Jun 2018 . Address for service - TJIP Patents, Trade Marks & Designs Se 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2017254905 **President and Fellows of Harvard College; Charles Stark Draper Laboratory, Inc.** The time in which to make a further application for a divisional patent has been extended to 17 Nov 2017 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2018**

2018200178 **The Gillette Company LLC** The time in which to make a further application for a divisional patent has been extended to 01 Feb 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018201515 **Carbontrack Pty Ltd** The time in which to make a further application for a divisional patent has been extended to 16 Mar 2018 . Address for service - PIPERS PO Box 839 Port Melbourne VIC 3207 NZ

**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**

2006345956 A redundant data path system **Sure Technologies Pty Limited** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2017 . Address for service - DLA Piper Australia Level 17 140 William Street Melbourne VIC 3000 AU

**2013**

2013203062 SUBCUTANEOUS ADMINISTRATION OF ADAMTS13 **Baxalta Incorporated ; Baxalta GmbH** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2013204752 Pharmaceutical compositions comprising an S1P modulator **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013238126 Prophylactic or therapeutic agent for giant cell tumors occurring in bone and soft tissue or for chondrosarcoma **Nippon Chemiphar Co., Ltd.** The nature of the amendment is as shown in

**Amendments**

the statement(s) filed 01 Mar 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013253074 RNA modulating oligonucleotides with improved characteristics for the treatment of neuromuscular disorders **BioMarin Technologies B.V.** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2013263843 Skew adjustment mechanism for a window covering **Hunter Douglas Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2013348079 Powered exhaust apparatus for a personal protection respiratory device **3M Innovative Properties Company** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2018 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2013370982 Immunogenic composition comprising mycoplasma antigens **Neubauer, A. ; Martinson, B. ; Boehringer Ingelheim Vetmedica GmbH ; Jordan, D. ; Muehlenthaler, C. ; Iyer, A.** The nature of the amendment is: Amend the name of the applicant to read Boehringer Ingelheim Vetmedica GmbH . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

**2014**

2014201593 Shared cache used to provide zero copy memory mapped database **Palantir Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Mar 2018 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2014217678 A sound sensor **Hurrey, R. ; Rose, D.** The nature of the amendment is: Amend the name of the inventor to read Rose, Darren and Hurrey, Roger . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

2014217678 A sound sensor **Hurrey, R. ; Rose, D.** The nature of the amendment is: Amend the name of the applicant to read Sophie Elizabeth Clarke and Darren Rose . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

2014225155 Pyridopyrimidine or pyrimidopyrimidine compound, preparation method, pharmaceutical composition and use thereof **SHANDONG LUOXIN PHARMACEUTICAL GROUP STOCK CO., LTD.** The nature of the amendment is: Amend the name of the applicants to read Shandong Luoxin Pharmaceutical Group Stock Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences and Fudan University . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014243748 Enabling ad hoc trusted connections among enclaved communication communities **Mutualink, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014272868 Degradable haemostat composition **Medtrade Products Limited** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 08 Mar 2018 . Address for service - Fisher Adams Kelly Callinans Level 6 175 Eagle Street BRISBANE QLD 4000 AU

**2015**

2015249376 Improved methods for manufacturing adoptive cell therapies **Bluebird Bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2018 . Address for service - Davies Col-lison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015303224 Surface-treated fillers for breathable films **Omya Inter-national AG** The nature of the amendment is: Amend the name of the inventor to read Brunner, Martin; Burkhalter, Rene; Fornera, Tazio; Rentsch, Samuel; Tinkl, Michael; Pullega, Francesco and Moore, Mon-roe . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016216137 Green indoor cultivation **Skanska Sverige AB** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016291155 Dip card reader **Diebold Nixdorf, Incorporated** The nature of the amendment is as shown in the statement(s) filed 12 Mar 2018 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016318322 Devices, methods, and graphical user interfaces for moving a current focus using a touch-sensitive remote control **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2018 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2017**

2017101756 The Elephant Air Conditioning Roof Seal Kit **Qum-sieh , N.** The nature of the amendment is: Amend the name of the inventor to read Qumsieh, Nidal . Address for service - Anthony Ham-mond 10 Whiteside Road Clayton South VIC 3169 AU

2017203646 Method for processing crustaceans to produce low flu-oride/low trimethyl amine products thereof **Rimfrost Technologies AS** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

**Amendments Made**

**2011**

2011347910 **Primetals Technologies Austria GmbH; POSCO** The nature of the amendment is: Amend the name of the inventor to read Heckmann, Hado; Schmidt, Ulrike; Millner, Robert; Wurm, Johann; Gstoettenmayr, Alois; Lukschander, Kurt; Siegl, Helmut; CHOI, Chong Won and YOON, Seok Min

**2012**

2012391349 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2017

**Amendments**

**2013**

2013352304 **ChemoCentryx, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2017

2013364077 **Alcon Research, Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2017

2013407734 **Izumi Products Company** The nature of the amend-ment is as shown in the statement(s) filed 04 Dec 2017

**2014**

2014204520 **Cadenhouse-Beaty, P.** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2017

2014266943 **Smith & Nephew PLC** The nature of the amendment is: Amend the name of the inventor to read HARTWELL, Edward Yer-bury

2014382730 **Metaio GmbH** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2017

**2015**

2015277207 **Omega Ophthalmics LLC** The nature of the amend-ment is: Amend the invention title to read Prosthetic capsular devices, systems, and methods

2015313459 **Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2017

2015366689 **Shenyang Sinochem Agrochemicals R&D Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2018

2015383066 **China University of Mining and Technology; Dong-nan Elevator Co. Ltd** The nature of the amendment is: Amend the name of the inventor to read Zhu, Zhencai; Wei, Lei; Cao, Guohua; Qin, Jiancong; WANG, Lei; Peng, Weihong; Li, Wei; Zhou, Gongbo; Bo, Xiaoguang and Ma, Yiping

2015384339 **The ASAN Foundation; University of Ulsan Found-ation for Industry Cooperation** The nature of the amendment is: Amend the name of the inventor to read Chang, Eun-Ju; Song, Jae-Kwan; Kim, Mi Jeong; CHOI, Bongkun and LEE, Sahmin

2015405326 **Nisshin Foods Inc.** The nature of the amendment is: Amend the invention title to read PACKAGED WHEAT FLOUR

2015406091 **Amminger, T.** The nature of the amendment is: Amend the invention title to read Facilities and method for cultivating plants

2015407196 **August Rüggeberg GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Abrasive tool and method for producing an abrasive tool of this kind

**2016**

2016202002 **The Regents of the University of Michigan; Col-gate-Palmolive Company** The nature of the amendment is: Amend

**Amendments**

the name of the inventor to read RICKARD, Alexander; UNDERWOOD, Adam and DU-THUMM, Laurence

2016202130 **Medrobotics Corporation** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2017

2016202371 **eBay Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2017

2016204613 **Liu, X.** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2017

2016209615 **Dolby Laboratories Licensing Corporation** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2017

2016294458 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2016102373

2016294459 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2016102372

2016306320 **Osaka University** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2018

2016314129 **Nippon Zoki Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read PROCESS FOR PRODUCING NOVEL 4-BENZOAZONINE DERIVATIVES

2016315025 **Nanjing Sinogen Biotech & Pharmaceutical Inc.** The nature of the amendment is: Amend the name of the inventor to read Zhao, Allan Zijian; Zhou, Sujin; Lin, Yan; Zhao, Zhenggang and Li, Fanghong

2016323386 **CommScope Connectivity Belgium BVBA** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2018

2016328274 **Digi-Star, LLC** The nature of the amendment is: Amend the name of the inventor to read Horton, Christopher V. and Vorpahl, Samuel R.

2016333474 **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is: Amend the invention title to read Improved modular antigen transportation molecules and uses thereof in animals

**2017**

2017232241 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is: Amend the name of the inventor to read Reid, Peter; Malos, John; Dunn, Mark and PITT, Alexander

2017317603 **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to read Zhang, Nong; Han, Changliang; Yang, Ke and XIE, Zhengzheng

2017317603 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read Anchoring Method Utilizing Self-Drilling and Self-Anchoring Extensible Anchor Rod Applicable to Soft and Weak Coal Rocks

**Amendments****2018**

2018200026 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is: Amend the name of the inventor to read Schwarz, Hans-Peter; Reipert, Birgit Maria; Ehrlich, Hartmut; Kuery, Patrick; Tzekova, Nevena; Hartung, Hans-Peter; Hermann, Corinna and Bunk, Sebastian

2018201380 **Nestec SA** The nature of the amendment is: Amend the name of the inventor to read Roos, Mark A.; Lester, Brian and Donavon, Mark A.

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

2011347910 **Primetals Technologies Austria GmbH** The name of the patentee has been altered to **Primetals Technologies Austria GmbH; POSCO**

**2014**

2014220852 **Thomson Licensing** The name of the patentee has been altered to **THOMSON Licensing**

2014340476 **Baker Hughes Incorporated** The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2014393755 **Guangzhou Huaxinke Enterprise Co., Ltd. ; South China University of Technology** The name of the applicant has been altered to **South China University of Technology; Guangzhou Huaxinke Intelligent Manufacturing Technology Co.,Ltd.**

**2015**

2015256196 **Tyco Fire & Security GmbH; Paul Brent Rasband** The name of the applicant has been altered to **Tyco Fire & Security GmbH**

2015258536 **South China University of Technology; Guangzhou Huaxinke Enterprise Co., Ltd.** The name of the applicant has been altered to **South China University of Technology; Guangzhou Huaxinke Intelligent Manufacturing Technology Co.,Ltd.**

2015387587 **South China University of Technology; Guangzhou Huaxinke Enterprise Co., Ltd.** The name of the applicant has been altered to **South China University of Technology; Guangzhou Huaxinke Intelligent Manufacturing Technology Co., Ltd.**

2015413333 **Halliburton Energy Services Inc.** The name of the applicant has been altered to **Halliburton Energy Services, Inc.**

**2016**

2016202235 **Johannes Gutenberg-Universität Mainz; Ganymed Pharmaceuticals AG** The name of the applicant has been altered to **Johannes Gutenberg-Universität Mainz; Ganymed Pharmaceuticals GmbH**

2016203491 **Taiwan Intelligent Robotic Company, Ltd.** The name of the applicant has been altered to **Taiwan Intelligent Robotics Company, Ltd.**

2016207228 **MasterCard Asia/Pacific Pte Ltd** The name of the applicant has been altered to **MASTERCARD ASIA/PACIFIC PTE. LTD.**

**Amendments**

2016302158 J.R. Simplot Comany The name of the applicant has been altered to **J.R. Simplot Company**

2016318961 Agenus Inc The name of the applicant has been altered to **Agenus Inc.**

**2017**

2017101647 Nanjing Institute of Grography & Limnology, Chinese Academy of Science The name of the patentee has been altered to **Nanjing Institute of Grography & Limnology. Chinese Academy of Science**

2017200100 Ningbo Hongdu Electric Appliance Co., Ltd The name of the applicant has been altered to **Ningbo Hongdu Electrical Appliance Co., Ltd.**

2017200110 Ningbo Hongdu Electric Appliance Co., Ltd The name of the applicant has been altered to **Ningbo Hongdu Electrical Appliance Co., Ltd.**

2017200818 DAVIS, Stephen The name of the applicant has been altered to **DAVIS, S.**

2017900765 Commonwealth Scientific and Industrial Research Organisation The name of the applicant has been altered to **Queensland University of Technology; Commonwealth Scientific and Industrial Research Organisation**

**2018**

2018100192 Oliver, Ian; Ecob, Stephen The name of the applicant has been altered to **Oliver, I.; Ecob, S.**

2018100228 Pintar, Marko The name of the applicant has been altered to **Zheng, J.; Pintar, M.**

2018201165 Salzgitter Mannesmann Precision GmbH The name of the applicant has been altered to **Ilsenburger Grobblech GmbH; Salzgitter Mannesmann Precision GmbH**

2018201426 Indee. Pty. Ltd. The name of the applicant has been altered to **Indee. Inc.**

2018201437 Thomson Reuters Global Resources Unlimited The name of the applicant has been altered to **Thomson Reuters Global Resources Unlimited Company**

2018900678 emmet Pty Ltd The name of the applicant has been altered to **Emmet Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 3M Innovative Properties Company  
 (11) AU-A-2018201530  
 (21) 2018201530 (22) 02.03.2018  
 (54) Coating process  
 (51) Int. Cl.  
*C09D 4/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015264249  
 (72) Audenaert, Frans A.; Jinks, Philip A.  
 (74) Davies Collison Cave Pty Ltd

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(71) ABRAXIS BIOSCIENCE, LLC  
 (11) AU-A-2018201514  
 (21) 2018201514 (22) 02.03.2018  
 (54) COMBINATIONS AND MODES OF ADMINISTRATION OF THERAPEUTIC AGENTS AND COMBINATION THERAPY  
 (51) Int. Cl.  
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*A01N 43/02* ( 2006.01 )  
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 (74) AJ PARK

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 (54) AUTOMATION IDENTIFICATION DIAGNOSTIC TOOL  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
*G06F 9/44* ( 2006.01 )  
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 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
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 (21) 2017221858 (22) 01.09.2017  
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 (51) Int. Cl.  
*G06F 21/56* ( 2013.01 )  
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 (72) PATTERSON, Joshua; WENDT, Michael Evan; KRAUS, Keith;

DIVALENTIN, Louis William; BUR-KETT, Robin Lynn  
 (74) Murray Trento & Associates Pty Ltd

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 (21) 2018201465 (22) 28.02.2018  
 (54) Devices, systems, and methods for controlling temperature in pediatric subjects  
 (51) Int. Cl.  
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 (43) 22.03.2018  
 (62) 2013312822  
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 (11) AU-A-2018201440  
 (21) 2018201440 (22) 28.02.2018  
 (54) Endophytes and related methods (3)  
 (51) Int. Cl.  
*A01H 15/00* ( 2006.01 )  
*A01H 17/00* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12N 1/00* ( 2006.01 )  
*C12N 1/14* ( 2006.01 )  
*C12Q 1/25* ( 2006.01 )  
*C12Q 1/68* ( 2006.01 )  
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 (74) Jones Tulloch

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*C01F 11/18* ( 2006.01 )  
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 (74) WRAYS PTY LTD

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 (21) 2018201420 (22) 27.02.2018

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 (51) Int. Cl.  
*C12N 5/02* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2014296024  
 (72) Cordisco, Michael C.  
 (74) FB Rice Pty Ltd

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(71) AMSTED Rail Company, Inc.  
 (11) AU-A-2017219078  
 (21) 2017219078 (22) 25.08.2017  
 (54) Railway freight car draft gear assembly  
 (51) Int. Cl.  
*B61G 9/14* ( 2006.01 )  
*B61G 5/02* ( 2006.01 )  
*B61G 9/06* ( 2006.01 )  
*B61G 9/20* ( 2006.01 )  
 (31) 15/255,440 (32) 02.09.16 (33) US  
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 (72) CLARK, Marlin E.  
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 (11) AU-A-2018201441  
 (21) 2018201441 (22) 28.02.2018  
 (54) XTEN CONJUGATE COMPOSITIONS AND METHODS OF MAKING SAME  
 (51) Int. Cl.  
*C12N 15/62* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013226090  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2017208277  
 (21) 2017208277 (22) 26.07.2017  
 (54) Back of cover touch sensors  
 (51) Int. Cl.  
*G06F 3/041* ( 2006.01 )  
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 (43) 22.03.2018  
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.  
*H04R 1/10* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2017218929  
 (21) 2017218929 (22) 21.08.2017  
 (54) Devices, methods, and graphical user interfaces for providing feedback during interaction with an intensity-sensitive button  
 (51) Int. Cl.  
*G06F 3/0487* ( 2013.01 )  
 (31) 15/271,194 (32) 20.09.16 (33) US  
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2018201474 (22) 28.02.2018  
 (54) Systems and methods for name pronunciation  
 (51) Int. Cl.  
*G10L 13/08* ( 2006.01 )  
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 (62) 2016203762  
 (72) Naik, Devang K.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
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 (21) 2018201502 (22) 01.03.2018  
 (54) Cover attachment with flexible display  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015268618  
 (72) ROTHKOPF, Fletcher R.; CORBIN, Sean S.; LAUDER, Andrew  
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation  
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 (21) 2018201429 (22) 27.02.2018  
 (54) Electrosurgical instrument  
 (51) Int. Cl.  
*A61B 18/12* ( 2006.01 )  
*A61B 18/14* ( 2006.01 )

(43) 22.03.2018  
 (62) 2016247114  
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 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018201413  
 (21) 2018201413 (22) 27.02.2018  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROL-LER  
 (51) Int. Cl.  
*G07F 17/34* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016202295  
 (72) TAM, Billy Ho Ching  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018201424  
 (21) 2018201424 (22) 27.02.2018  
 (54) A gaming system and a method of gaming  
 (51) Int. Cl.  
*A63F 13/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016201152  
 (72) Willis, John Vincent  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018201538  
 (21) 2018201538 (22) 02.03.2018  
 (54) GAMING MACHINE WITH FEATURE TRIGGER  
 (51) Int. Cl.  
*A63F 5/04* ( 2006.01 )  
*G06F 19/00* ( 2006.01 )  
*G07F 17/32* ( 2006.01 )  
*G07F 17/34* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016219609  
 (72) STEVENS, Christopher  
 (74) Griffith Hack

(71) ATI Properties LLC  
 (11) AU-A-2018201475  
 (21) 2018201475 (22) 28.02.2018  
 (54) THERMO-MECHANICAL PROCESSING OF NICKEL-BASE ALLOYS  
 (51) Int. Cl.  
*C22C 19/05* ( 2006.01 )  
*C22F 1/10* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016200033  
 (72) FORBES JONES, Robin M.; ROCK, Christopher A.  
 (74) K&L Gates

(71) BALTEK CO., LIMITED  
 (11) AU-A-2017213533  
 (21) 2017213533 (22) 11.08.2017  
 (54) ORIENTATION CONTROL METHOD FOR DRONE  
 (51) Int. Cl.  
*G05D 1/10* ( 2006.01 )  
*B64C 19/00* ( 2006.01 )  
*B64C 39/02* ( 2006.01 )  
*G01S 3/46* ( 2006.01 )  
*G01S 3/48* ( 2006.01 )  
 (31) 105129173 (32) 08.09.16 (33) TW  
 (43) 22.03.2018  
 (72) LIAO, Tzu-Chuan  
 (74) PIPERS

**Baxalta GmbH see Baxalta Incorporated**  
 (21) 2018201371

(71) Baxalta Incorporated; Baxalta GmbH  
 (11) AU-A-2018201371  
 (21) 2018201371 (22) 26.02.2018  
 (54) REMOVAL OF SERINE PROTEASES BY TREATMENT WITH FINELY DIVIDED SILICON DIOXIDE  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
*A61K 47/18* ( 2006.01 )  
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 (62) 2016202973  
 (72) Svatos, Sonja; Teschner, Wolfgang; Schwarz, Hans-Peter; Pljevljakovic, Azra; Weber, Alfred; Madlener, Ruth  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bedford Industries, Inc.  
 (11) AU-A-2018201547  
 (21) 2018201547 (22) 02.03.2018  
 (54) IN-LINE ARTICLES AND METHODS OF MANUFACTURE AND USE  
 (51) Int. Cl.  
*G09F 3/06* ( 2006.01 )  
*B65B 27/10* ( 2006.01 )  
*B65D 33/30* ( 2006.01 )  
*B65D 63/00* ( 2006.01 )  
*G09F 3/14* ( 2006.01 )  
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 (62) 2014215622  
 (72) O'DONNELL, Colin; SCHILLER, David; SCHULTZ, Mike; WASS, Axel; LANGLAND, Terry; PLATT, Joshua; MILBRANDT, Jay; TSCHETTER, Jeffrey  
 (74) Acacia Law

(71) Beth Israel Deaconess Medical Center, Inc; Georgia State University Research Foundation, Inc.  
 (11) AU-A-2018201540  
 (21) 2018201540 (22) 02.03.2018  
 (54) Charge-balanced imaging agents  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )

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 (72) Frangioni, John; Henary, Maged M.  
 (74) FB Rice Pty Ltd

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2017221893  
 (21) 2017221893 (22) 04.09.2017  
 (54) ENT IMAGE REGISTRATION  
 (51) Int. Cl.  
     **A61B 34/20** ( 2016.01 )  
     **A61B 6/03** ( 2006.01 )  
 (31) 62/384,823 (32) 08.09.16 (33) US  
     15/674,380 10.08.17 US  
 (43) 22.03.2018  
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     Akram; Govari, Assaf; Shilemay, Moshe  
     I.  
 (74) Fisher Adams Kelly Callinans

**Board of Supervisors of Louisiana State  
 University and Agricultural and Mechan-  
 ical College see Solazyme Roquette Nutri-  
 tionals, LLC**  
 (21) 2018201486

(71) Bose Institute; West Bengal State Uni-  
 versity  
 (11) AU-A-2018201532  
 (21) 2018201532 (22) 02.03.2018  
 (54) Cancer chemotherapeutic agent/formu-  
 lation, manufacture and use thereof  
 (51) Int. Cl.  
     **C07C 15/12** ( 2006.01 )  
     **A61K 31/275** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07C 251/24** ( 2006.01 )  
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 (62) 2013322120  
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     an; Mandal, Deba Prasad; Bhattachar-  
     jee, Shamee  
 (74) Davies Collison Cave Pty Ltd

(71) BPAY Group Limited  
 (11) AU-A-2018201463  
 (21) 2018201463 (22) 28.02.2018  
 (54) Online payment  
 (51) Int. Cl.  
     **G06Q 40/00** ( 2012.01 )  
 (43) 22.03.2018  
 (62) 2011378112  
 (72) WILLIAMS, Richard Mark; BROWN,  
     Keith Robert Goding  
 (74) FB Rice Pty Ltd

(71) BPAY Group Limited  
 (11) AU-A-2018201523  
 (21) 2018201523 (22) 02.03.2018  
 (54) Payment requests  
 (51) Int. Cl.  
     **G06Q 40/00** ( 2012.01 )

(43) 22.03.2018  
 (62) 2011378113  
 (72) WILLIAMS, Richard Mark; BROWN,  
     Keith Robert Goding  
 (74) FB Rice Pty Ltd

(71) British American Tobacco (Invest-  
 ments) Limited  
 (11) AU-A-2018201483  
 (21) 2018201483 (22) 01.03.2018  
 (54) Heating smokeable material  
 (51) Int. Cl.  
     **A24F 47/00** ( 2006.01 )  
     **F16L 59/065** ( 2006.01 )  
     **H05B 3/14** ( 2006.01 )  
     **H05B 3/42** ( 2006.01 )  
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 (62) 2016204192  
 (72) Saleem, Fozia; Woodman, Thomas  
 (74) Shelston IP Pty Ltd.

(71) Bromic Pty Ltd  
 (11) AU-A-2018201431  
 (21) 2018201431 (22) 27.02.2018  
 (54) Gas heater  
 (51) Int. Cl.  
     **F23N 5/10** ( 2006.01 )  
     **F23D 14/72** ( 2006.01 )  
     **F23N 5/24** ( 2006.01 )  
     **F24C 3/12** ( 2006.01 )  
     **F24H 9/20** ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013293033  
 (72) SMITH, Scott  
 (74) Ascot Martin

(71) Cameron International Corporation;  
 Eaglepicher Technologies, LLC  
 (11) AU-A-2018201417  
 (21) 2018201417 (22) 27.02.2018  
 (54) Power supply apparatus and method  
 for providing backup power  
 (51) Int. Cl.  
     **H01M 2/10** ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013284475  
 (72) BENNETT, John; MILLER, Greg; PAR-  
     ROT, Mike; FERRARO, Jim; KIRK,  
     Greg; BHAKTA, Dharmesh; COON-  
     ROD, Donald S.; SMITH, Tyler; SCH-  
     LANGER, Graham; TUCKER, Amber;  
     CASTILLO, Adam; GAINES, Jennifer;  
     HAVIS, Kevin; RIEMER, Michael; PAP-  
     PAS, Michael; VEST, Thomas; BOYD,  
     Michael; SINGLETON, Kelvin; REDD,  
     Derek  
 (74) FB Rice Pty Ltd

**Capral Limited see OZKOR Pty. Ltd.**  
 (21) 2017219010

(71) Carbontrack Pty Ltd  
 (11) AU-A-2018201515  
 (21) 2018201515 (22) 02.03.2018  
 (54) System and Method for Monitoring and  
 Control of Appliances

(51) Int. Cl.  
     **H02J 13/00** ( 2006.01 )  
     **G01R 11/30** ( 2006.01 )  
     **G05B 13/00** ( 2006.01 )  
     **G06Q 50/06** ( 2012.01 )

(43) 22.03.2018  
 (62) 2014218321  
 (72) LIVADARAS, Spyridon; HARRIDGE,  
     Evan Neil; KALLAMKOTE, Shavaj  
 (74) PIPERS

(71) CASIO COMPUTER CO., LTD.  
 (11) AU-A-2017213456  
 (21) 2017213456 (22) 08.08.2017  
 (54) Diagnosis assisting device, and image  
 processing method in diagnosis assist-  
 ing device  
 (51) Int. Cl.  
     **G06T 7/90** ( 2017.01 )  
     **A61B 1/00** ( 2006.01 )  
     **A61B 5/00** ( 2006.01 )  
     **G06K 9/46** ( 2006.01 )  
     **G06T 7/00** ( 2017.01 )  
 (31) 2016-171595 (32) 02.09.16 (33) JP  
     2017-081594 17.04.17 JP  
 (43) 22.03.2018  
 (72) MATSUNAGA, Kazuhisa  
 (74) Griffith Hack

(71) Caterpillar Inc.  
 (11) AU-A-2017218975  
 (21) 2017218975 (22) 22.08.2017  
 (54) SYSTEM AND METHOD FOR ON-  
 BOARD AND OFFBOARD VISUALIZ-  
 ATION OF MATERIAL CHARACTER-  
 ISTICS IN MINING  
 (51) Int. Cl.  
     **G06T 11/00** ( 2006.01 )  
 (31) 15/258,353 (32) 07.09.16 (33) US  
 (43) 22.03.2018  
 (72) DOHERTY, Thomas Frank; HARP-  
     OUR, John Steven; JARAMI OREL-  
     LANA, Kiriaco Rodrigo Dario; KIRK-  
     MAN, Scott Andrew  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-A-2017218993  
 (21) 2017218993 (22) 23.08.2017  
 (54) CONTROL SYSTEM FOR A MACHINE  
 (51) Int. Cl.  
     **E02F 9/24** ( 2006.01 )  
     **E02F 3/43** ( 2006.01 )  
     **E02F 9/20** ( 2006.01 )  
     **G05D 1/02** ( 2006.01 )  
 (31) 15/258,620 (32) 07.09.16 (33) US  
 (43) 22.03.2018  
 (72) FRIEND, Paul; STRATTON, Kenneth L.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-A-2017218995  
 (21) 2017218995 (22) 23.08.2017  
 (54) SYSTEM AND METHOD FOR SWING  
 CONTROL  
 (51) Int. Cl.  
     **E02F 3/43** ( 2006.01 )



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**E02F 9/26** ( 2006.01 )  
**(31)** 15/259,251 **(32)** 08.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** BRANDT, Michael Edward; FRIEND, Paul Russell  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CEM Corporation  
**(11)** AU-A-2017221772  
**(21)** 2017221772 **(22)** 30.08.2017  
**(54)** USE OF EXCESS CARBODIIMIDE FOR PEPTIDE SYNTHESIS AT ELEVATED TEMPERATURES

**(51)** Int. Cl.  
**C07K 1/08** ( 2006.01 )  
**(31)** 62/382,949 **(32)** 02.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** COLLINS, Jonathan M.; SINGH, Sandeep K.  
**(74)** IP Gateway Patent and Trade Mark Attorneys Pty Ltd

**(71)** CHASE PHARMACEUTICALS CORPORATION

**(11)** AU-A-2018201519  
**(21)** 2018201519 **(22)** 02.03.2018  
**(54)** Method and composition for treating Alzheimer-type dementia

**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2015213396  
**(72)** CHASE, Thomas N.; CLAR-ENCE-SMITH, Kathleen E.  
**(74)** Griffith Hack

**(71)** CommScope Technologies LLC

**(11)** AU-A-2018201543  
**(21)** 2018201543 **(22)** 02.03.2018  
**(54)** Ruggedized fiber optic/electrical connection system

**(51)** Int. Cl.  
**G02B 6/38** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2015249108  
**(72)** Smith, Trevor D.; Lu, Yu  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Covidien LP

**(11)** AU-A-2017210668  
**(21)** 2017210668 **(22)** 07.08.2017  
**(54)** Force sensor for surgical devices

**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )  
**G01L 1/00** ( 2006.01 )  
**(31)** 15/666,181 **(32)** 01.08.17 **(33)** US  
 62/384,878 08.09.16 US  
**(43)** 22.03.2018  
**(72)** SGROI, Anthony  
**(74)** Spruson & Ferguson

**(71)** Covidien LP

**(11)** AU-A-2018201524  
**(21)** 2018201524 **(22)** 02.03.2018

**(54)** Multi-encapsulated formulations made with oxidized cellulose

**(51)** Int. Cl.  
**A61K 49/00** ( 2006.01 )  
**A61L 24/04** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2013314997  
**(72)** OHRI, Rachit; BLASKOVICH, Phillip D.; CHERNIAVSKY, Olga  
**(74)** Spruson & Ferguson

**(71)** CRODA, INC.

**(11)** AU-A-2018201535  
**(21)** 2018201535 **(22)** 02.03.2018  
**(54)** SPRAY DRIFT REDUCTION

**(51)** Int. Cl.  
**A01N 25/30** ( 2006.01 )  
**A01N 25/24** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2014306973  
**(72)** LINDNER, Gregory James; PENFIELD, Kevin Wade  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Deere & Company; Iowa State University Research Foundation

**(11)** AU-A-2017210613  
**(21)** 2017210613 **(22)** 04.08.2017  
**(54)** Round module weighing using differential pressure sensing

**(51)** Int. Cl.  
**A01F 15/08** ( 2006.01 )  
**A01D 46/08** ( 2006.01 )  
**A01F 15/07** ( 2006.01 )  
**G01G 3/12** ( 2006.01 )  
**(31)** 15/256,844 **(32)** 06.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Cracraft, Mark A.; Haecker, Jesse D.; Alferink, Thomas M.; Askey, Jeffrey C.; Darr, Matthew J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Denbar Design Pty Ltd

**(11)** AU-A-2017221878  
**(21)** 2017221878 **(22)** 01.09.2017  
**(54)** Computer Command Input System

**(51)** Int. Cl.  
**G06F 3/02** ( 2006.01 )  
**(31)** 2016903539 **(32)** 02.09.16 **(33)** AU  
**(43)** 22.03.2018  
**(72)** BARNES, Peter David  
**(74)** Wallington-Dummer

**(71)** Desire2Learn Incorporated

**(11)** AU-A-2018201495  
**(21)** 2018201495 **(22)** 01.03.2018  
**(54)** Systems, methods and apparatus for securing user documents

**(51)** Int. Cl.  
**G06F 17/30** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2016202307  
**(72)** Cepuran, Brian John; McMillan, Daryl; Lockhart, David; Grabka, Dariusz  
**(74)** FB Rice Pty Ltd

**(71)** Dippin' Dots, LLC

**(11)** AU-A-2017239528  
**(21)** 2017239528 **(22)** 14.06.2017  
**(54)** Preparing and storing a free flowing frozen supplementary product

**(71)** Dolby International AB

**(11)** AU-A-2018201479  
**(21)** 2018201479 **(22)** 28.02.2018  
**(54)** Efficient Combined Harmonic Transposition

**(51)** Int. Cl.  
**G10L 21/02** ( 2006.01 )  
**G10L 21/04** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2015264887  
**(72)** Ekstrand, Per; Villemoes, Lars; Hedelin, Per  
**(74)** Chrysilio IP

**(71)** Dr Stuart Kirkham Pty Ltd

**(11)** AU-A-2017225021  
**(21)** 2017225021 **(22)** 05.09.2017  
**(54)** A shoulder implant

**(71)** Durect Corporation

**(11)** AU-A-2018201533  
**(21)** 2018201533 **(22)** 02.03.2018  
**(54)** Biodegradable drug delivery composition

**(51)** Int. Cl.  
**A61K 38/08** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2016201819  
**(72)** Van Osdol, William W.; Yum, Su il; Theeuwes, Felix; Sekar, Michael; Gibson, John; Branham, Keith; Su, Huey-Ching  
**(74)** FB Rice Pty Ltd

**(71)** E. I. DU PONT DE NEMOURS AND COMPANY

**(11)** AU-A-2018201421  
**(21)** 2018201421 **(22)** 27.02.2018  
**(54)** METHOD FOR PREPARING 2-AMINO-N-(2,2,2-TRIFLUOROETHYL) ACETAMIDE

**(51)** Int. Cl.  
**C07C 231/12** ( 2006.01 )  
**C07C 231/14** ( 2006.01 )  
**C07C 237/06** ( 2006.01 )  
**C07C 237/22** ( 2006.01 )

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 (62) 2016202641  
 (72) BRUENING, Joerg  
 (74) Houlihan<sup>2</sup> Pty Ltd

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**Eaglepicher Technologies, LLC see  
 Cameron International Corporation**  
 (21) 2018201417

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(71) Electrolux Home Products Corporation  
 N.V.  
 (11) AU-A-2018201548  
 (21) 2018201548 (22) 03.03.2018  
 (54) A Microwave Oven or a Multifunctional  
 Oven With Microwave Heating Function  
 (51) Int. Cl.  
*H05B 6/64* ( 2006.01 )  
*F24C 15/18* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013375426  
 (72) WITTMANN, Michael; SPECHT, Tre-  
 vor; SCHUTZ, Tobias; HIMMELEIN,  
 Benjamin  
 (74) Halfords IP

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(71) Engineered Corrosion Solutions, LLC  
 (11) AU-A-2018201546  
 (21) 2018201546 (22) 02.03.2018  
 (54) PUMP ASSEMBLIES AND METHODS  
 FOR INHIBITING OXYGEN FROM EN-  
 TERING WATER SUPPLY SYSTEMS  
 (51) Int. Cl.  
*F04B 49/02* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2014232498  
 (72) Kochelek, Jeffrey T.; Kirn, Lucas E.;  
 Hilton, Adam H.; Van Moorsel, Gerard  
 J.  
 (74) Davies Collison Cave Pty Ltd

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(71) Etex Services NV  
 (11) AU-A-2018201569  
 (21) 2018201569 (22) 05.03.2018  
 (54) HYDROPHOBIZED FIBER CEMENT  
 PRODUCT COMPRISING AT LEAST  
 ONE PROFILED SURFACE  
 (51) Int. Cl.  
*C04B 41/64* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2014320551  
 (72) Van Den Bergh, Frank  
 (74) Fisher Adams Kelly Callinans

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(71) F. Hoffmann-La Roche AG  
 (11) AU-A-2018201557  
 (21) 2018201557 (22) 05.03.2018  
 (54) Heteroaryl pyridone and aza-pyridone  
 compounds as inhibitors of Btk activity  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 31/4353* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*C07D 471/14* ( 2006.01 )

*C07D 487/04* ( 2006.01 )  
*C07D 487/14* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016273930  
 (72) CRAWFORD, James John; ORTWINE,  
 Daniel Fred; WEI, BinQing; YOUNG,  
 Wendy B.  
 (74) Griffith Hack

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(71) Fresenius Medical Care Holdings, Inc.  
 (11) AU-A-2018201518  
 (21) 2018201518 (22) 02.03.2018  
 (54) Portable dialysis machine  
 (51) Int. Cl.  
*B01D 61/28* ( 2006.01 )  
*B01D 61/24* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2011358554  
 (72) Fulkerson, Barry Neil; Braig, James  
 Roswell; Mishevich, David J.; Clem-  
 ens, Charles; Foster, Clark Berg; Ghid-  
 oli, Daniele; Gura, Victor; Hering, Mar-  
 tin; Isackson, Frank; Joseph, Russell  
 Thomas; Robinson, Thomas; Smith,  
 Mark Forrest; Trcka, Milan; Zwierstra,  
 Jan Brian  
 (74) Davies Collison Cave Pty Ltd

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(71) Fujitsu General Limited  
 (11) AU-A-2017206193  
 (21) 2017206193 (22) 19.07.2017  
 (54) Axial fan and outdoor unit  
 (51) Int. Cl.  
*F04D 29/38* ( 2006.01 )  
*F24F 1/38* ( 2011.01 )  
 (31) 2016-172139 (32) 02.09.16 (33) JP  
 2016-172138 02.09.16 JP  
 (43) 22.03.2018  
 (72) Sawada, Hirotaka  
 (74) Davies Collison Cave Pty Ltd

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**Ganymed Pharmaceuticals GmbH see  
 TRON-Translationale Onkologie an der  
 Johannes Gutenberg-Universität Mainz  
 gemeinnützige GmbH**  
 (21) 2018201391

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(71) General Electric Company  
 (11) AU-A-2018201488  
 (21) 2018201488 (22) 01.03.2018  
 (54) SYSTEM AND METHOD FOR CON-  
 TROLLING A POWERED VEHICLE  
 (51) Int. Cl.  
*B61L 15/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2017202037  
 (72) Goodermuth, Todd; Hooker, Richard;  
 Shaffer, Glenn Robert; Kumar, Ajith  
 Kuttannair; Lawry, Brian D.; Linebach,  
 Mark Alan  
 (74) Phillips Ormonde Fitzpatrick

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(71) General Transport Equipment Pty Ltd  
 (11) AU-A-2017225063

(21) 2017225063 (22) 07.09.2017  
 (54) Trailer for hauling tyres  
 (51) Int. Cl.  
*B60P 3/077* ( 2006.01 )  
*B60P 3/075* ( 2006.01 )  
*B60P 7/06* ( 2006.01 )  
 (31) 2016903615 (32) 08.09.16 (33) AU  
 (43) 22.03.2018  
 (72) Diss, Robert  
 (74) Armour IP

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(71) Genmab A/S  
 (11) AU-A-2018201503  
 (21) 2018201503 (22) 01.03.2018  
 (54) Heterodimeric antibody FC-containing  
 proteins and methods for production  
 thereof  
 (51) Int. Cl.  
*C07K 16/10* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016219622  
 (72) Labrijn, Aran Frank; Meesters, Joyce;  
 Bremer, Ewald van den; Neijssen,  
 Joost J.; Berkel, Patrick van; Goeij, Bart  
 de; Vink, Tom; Van De Winkel, Jan;  
 Schuurman, Janine; Parren, Paul  
 (74) Watermark Intellectual Property Pty Ltd

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**Georgia State University Research Found-  
 ation, Inc. see Beth Israel Deaconess Med-  
 ical Center, Inc**  
 (21) 2018201540

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(71) Google LLC  
 (11) AU-A-2018201459  
 (21) 2018201459 (22) 28.02.2018  
 (54) System and method for improving ac-  
 cess to search results  
 (51) Int. Cl.  
*G06F 17/30* ( 2006.01 )  
*G06F 15/16* ( 2006.01 )  
*G06F 17/20* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2017206281  
 (72) BURKARD, Timo; MAHKOVEC, Ziga;  
 BENTZEL, Christopher  
 (74) Spruson & Ferguson

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(71) GTx, Inc.  
 (11) AU-A-2018201450  
 (21) 2018201450 (22) 28.02.2018  
 (54) A method of treating androgen recept-  
 or (AR)-positive breast cancers with se-  
 lective androgen receptor modulator  
 (SARMS)  
 (51) Int. Cl.  
*A01N 37/34* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016203696  
 (72) Dalton, James T.; Steiner, Mitchell S.;  
 Narayanan, Ramesh; Ahn, Sunjoo  
 (74) Watermark Intellectual Property Pty Ltd

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 (11) AU-A-2017225099  
 (21) 2017225099 (22) 08.09.2017  
 (54) System and method for semi-autonomous control of an industrial machine  
 (51) Int. Cl.  
*E02F 9/20* ( 2006.01 )  
*E02F 9/00* ( 2006.01 )  
 (31) 62/384,880 (32) 08.09.16 (33) US  
 (43) 22.03.2018  
 (72) VOELZ, Nicholas  
 (74) Griffith Hack

(71) Harnischfeger Technologies, Inc.  
 (11) AU-A-2018201439  
 (21) 2018201439 (22) 28.02.2018  
 (54) Depth-related help functions for a shovel training simulator  
 (51) Int. Cl.  
*G09B 25/02* ( 2006.01 )  
*G09B 5/02* ( 2006.01 )  
*G09B 9/00* ( 2006.01 )  
*G09B 9/04* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016200521  
 (72) SWIDERSKI, Gregory; BENEDICT II, James  
 (74) Griffith Hack

(71) HOYA Lens Thailand Ltd.  
 (11) AU-A-2018201510  
 (21) 2018201510 (22) 01.03.2018  
 (54) MIRROR-COATED LENS  
 (51) Int. Cl.  
*G02B 1/115* ( 2015.01 )  
*G02B 5/26* ( 2006.01 )  
*G02B 5/28* ( 2006.01 )  
*G02C 7/10* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015227886  
 (72) IWASAKI, Eisaku; ADACHI, Makoto  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2018201411  
 (21) 2018201411 (22) 27.02.2018  
 (54) AUDIO CODING METHOD AND RELATED APPARATUS  
 (51) Int. Cl.  
*G10L 19/02* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015296447  
 (72) Liu, Zexin; Miao, Lei  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2018201527  
 (21) 2018201527 (22) 02.03.2018  
 (54) SYSTEMS AND METHODS FOR NON-CELLULAR WIRELESS ACCESS  
 (51) Int. Cl.  
*H04H 20/71* ( 2008.01 )

(43) 22.03.2018  
 (62) 2014352838  
 (72) Ma, Jianglei; Jia, Ming; Zhu, Peiying; Tong, Wen  
 (74) Phillips Ormonde Fitzpatrick

(71) Hyintel Limited  
 (11) AU-A-2018201497  
 (21) 2018201497 (22) 01.03.2018  
 (54) A monitoring method and system  
 (51) Int. Cl.  
*G06Q 10/00* ( 2012.01 )  
 (43) 22.03.2018  
 (62) 2015243037  
 (72) HYLAND, Kieran Richard  
 (74) Spruson & Ferguson

(71) Idemitsu Kosan Co.,Ltd.  
 (11) AU-A-2018201517  
 (21) 2018201517 (22) 02.03.2018  
 (54) Lubricant oil composition  
 (51) Int. Cl.  
*C10M 169/04* ( 2006.01 )  
*C10M 101/02* ( 2006.01 )  
*C10M 137/04* ( 2006.01 )  
*C10M 137/10* ( 2006.01 )  
*C10M 145/14* ( 2006.01 )  
*C10N 20/02* ( 2006.01 )  
*C10N 30/00* ( 2006.01 )  
*C10N 30/06* ( 2006.01 )  
*C10N 40/04* ( 2006.01 )  
*C10N 40/08* ( 2006.01 )  
*C10N 40/12* ( 2006.01 )  
*C10N 40/30* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2014245378  
 (72) SHINODA, Jitsuo; AOKI, Shinji  
 (74) Spruson & Ferguson

(71) Ilseburger Grobblech GmbH; Salzgit-ter Mannesmann Precision GmbH  
 (11) AU-A-2018201165  
 (21) 2018201165 (22) 16.02.2018  
 (54) Steel alloy for a low-alloy, high-strength steel  
 (51) Int. Cl.  
*C22C 38/00* ( 2006.01 )  
*C22C 38/02* ( 2006.01 )  
*C22C 38/04* ( 2006.01 )  
*C22C 38/06* ( 2006.01 )  
*C22C 38/12* ( 2006.01 )  
*C22C 38/18* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013314787  
 (72) SCHAFFNIT, Philippe; KLABBERS-HEIMANN, Jürgen; KONRAD, Joachim  
 (74) Griffith Hack

(71) ImThera Medical, Inc  
 (11) AU-A-2018201481  
 (21) 2018201481 (22) 01.03.2018  
 (54) Method for adjusting a system for stimulating a hypoglossal nerve  
 (51) Int. Cl.  
*A61B 5/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )

(43) 22.03.2018  
 (62) 2015294336  
 (72) Meadows, Paul M.; Lima, Marcelo G.; Zaidi, Faisal N.; Benke, Jasper  
 (74) Davies Collison Cave Pty Ltd

(71) Indee. Inc.  
 (11) AU-A-2018201426  
 (21) 2018201426 (22) 27.02.2018  
 (54) A Device for Mechanical and Hydrodynamic Microfluidic Transfection  
 (51) Int. Cl.  
*C12N 15/87* ( 2006.01 )  
*B81B 1/00* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12N 1/00* ( 2006.01 )  
*C12N 5/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015376652  
 (72) Pawell, Ryan  
 (74) EAGAR & MARTIN PTY LTD

(71) Intarcia Therapeutics, Inc.  
 (11) AU-A-2018201551  
 (21) 2018201551 (22) 05.03.2018  
 (54) RAPID ESTABLISHMENT AND/OR TERMINATION OF SUBSTANTIAL STEADY-STATE DRUG DELIVERY  
 (51) Int. Cl.  
*A61K 38/26* ( 2006.01 )  
*A61K 9/22* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016213867  
 (72) Alessi, Thomas R.; Luskey, Kenneth L.  
 (74) Phillips Ormonde Fitzpatrick

Iowa State University Research Foundation see Deere & Company  
 (21) 2017210613

(71) Itron, Inc.  
 (11) AU-A-2018201570  
 (21) 2018201570 (22) 05.03.2018  
 (54) Analytics in a utility infrastructure  
 (51) Int. Cl.  
*G08C 19/02* ( 2006.01 )  
*G08C 19/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016201731  
 (72) MCKEE, Darby; ANGELIS, Bruce; BEHRMANN, Fred; POXLEITNER, James; SONDEREGGER, Robert  
 (74) Spruson & Ferguson

(71) JF Hillebrand Limited  
 (11) AU-A-2018201453  
 (21) 2018201453 (22) 28.02.2018  
 (54) Securing of Sheet Material which is in the form of a Liner. A cover or a Curtain  
 (51) Int. Cl.  
*B65D 90/04* ( 2006.01 )  
*B60P 7/04* ( 2006.01 )  
*E04F 13/00* ( 2006.01 )

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 (72) Courvisier, Pierre  
 (74) James & Wells Intellectual Property

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 (21) 2018201425

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(71) Joy MM Delaware, Inc.  
 (11) AU-A-2017219115  
 (21) 2017219115 (22) 28.08.2017  
 (54) Coupled compound planetary transmission for a wheel unit  
 (51) Int. Cl.  
*B60K 17/04* ( 2006.01 )  
*B60B 35/12* ( 2006.01 )  
 (31) 15/256,789 (32) 06.09.16 (33) US  
 (43) 22.03.2018  
 (72) RUSCAK, Ian; GOOD, Tyler; THOMAS, Terry  
 (74) Griffith Hack

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(71) Komatsu Ltd.  
 (11) AU-A-2018201496  
 (21) 2018201496 (22) 01.03.2018  
 (54) Work machine management apparatus  
 (51) Int. Cl.  
*G05D 1/02* ( 2006.01 )  
*E02F 9/20* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016248872  
 (72) Kadono, Yosuke; Hiranaka, Takashi; Toku, Isao; Osagawa, Kenta; Yamamoto, Takashi  
 (74) Shelston IP Pty Ltd.

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(71) Kuipers, M.  
 (11) AU-A-2017202425  
 (21) 2017202425 (22) 12.04.2017  
 (54) Rail Weld Shearing Machine  
 (51) Int. Cl.  
*B23D 79/02* ( 2006.01 )  
 (31) 2016903516 (32) 02.09.16 (33) AU  
 (43) 22.03.2018  
 (72) Kuipers, Michael  
 (74) Clark Intellectual Property Pty Ltd

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(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude  
 (11) AU-A-2017210525  
 (21) 2017210525 (22) 01.08.2017  
 (54) FLUIDIC OSCILLATION FLOWMETER WITH SYMMETRICAL MEASUREMENT ORIFICES FOR A DEVICE FOR MONITORING OXYGEN THERAPY  
 (51) Int. Cl.  
*G01F 1/20* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
 (31) 1658167 (32) 02.09.16 (33) FR  
 (43) 22.03.2018  
 (72) Ammouri, Fouad  
 (74) Madderns Patent & Trade Mark Attorneys

(71) Le Gaz Integral SAS  
 (11) AU-A-2018201480  
 (21) 2018201480 (22) 01.03.2018  
 (54) Improved sulphur dioxide treatment  
 (51) Int. Cl.  
*B01D 53/14* ( 2006.01 )  
*B01D 53/50* ( 2006.01 )  
*C01B 17/04* ( 2006.01 )

(43) 22.03.2018  
 (62) 2013279056  
 (72) Cross, Peter Frank  
 (74) In-Legal Limited

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**MacMorran, D. see Staples, L.**  
 (21) 2017301076

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(71) MadGrip Holdings, LLC  
 (11) AU-A-2017221818  
 (21) 2017221818 (22) 31.08.2017  
 (54) TECHNICAL KNIT GLOVE  
 (51) Int. Cl.  
*A41D 19/02* ( 2006.01 )  
 (31) 15/255,633 (32) 02.09.16 (33) US  
 (43) 22.03.2018  
 (72) Gellis, David; Horn, M. Coleman  
 (74) Fisher Adams Kelly Callinans

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(71) Mannkind Corp  
 (11) AU-A-2018201397  
 (21) 2018201397 (22) 27.02.2018  
 (54) Methods for the synthesis of ethylfurmarates and their use as intermediates  
 (51) Int. Cl.  
*C07D 241/08* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013252901  
 (72) KRAFT, Kelly; FREEMAN, John; SERWINSKI, Paul; PAVIA, Vinnie; PHANT-SIEL, Otto; KAUR, Navneet  
 (74) Spruson & Ferguson

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(71) Mastercard International Incorporated  
 (11) AU-A-2018201542  
 (21) 2018201542 (22) 02.03.2018  
 (54) Method and system for secure consumer identification  
 (51) Int. Cl.  
*G06K 5/00* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2015225422  
 (72) Guiney, Christopher A.; Carpenter, Travis M.  
 (74) Davies Collison Cave Pty Ltd

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(71) MedImmune, LLC  
 (11) AU-A-2018201534  
 (21) 2018201534 (22) 02.03.2018  
 (54) MOLECULES WITH REDUCED EFFECTOR FUNCTION AND EXTENDED HALF-LIVES, COMPOSITIONS, AND USES THEREOF  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C12P 21/08* ( 2006.01 )

(43) 22.03.2018  
 (62) 2013256802  
 (72) Tsui, Ping; Borrok, Martin; Dall'Acqua, William  
 (74) Phillips Ormonde Fitzpatrick

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(71) MGW Engineering Pty Ltd  
 (11) AU-A-2016222477  
 (21) 2016222477 (22) 02.09.2016  
 (54) Apparatus for supporting an explosive device  
 (51) Int. Cl.  
*F42D 1/22* ( 2006.01 )  
*F42D 3/04* ( 2006.01 )  
 (43) 22.03.2018  
 (72) REDFERN, Anthony  
 (74) FB Rice Pty Ltd

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(71) M-I L.L.C.  
 (11) AU-A-2018201270  
 (21) 2018201270 (22) 21.02.2018  
 (54) DRILLING FLUID PROCESSING  
 (51) Int. Cl.  
*E21B 43/40* ( 2006.01 )  
*E21B 43/22* ( 2006.01 )  
*E21B 43/34* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2016202938  
 (72) Fout, Gary; Savoy, Michael  
 (74) Dark IP

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(71) Moderna Therapeutics, Inc.  
 (11) AU-A-2018200374  
 (21) 2018200374 (22) 19.01.2018  
 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF SECRETED PROTEINS  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
 (43) 22.03.2018  
 (62) 2013243951  
 (72) Bancel, Stephane; De Fougerolles, Antonin; Ejebe, Kenechi; Chakraborty, Tirtha; Elbashir, Sayda M.; John, Matthias; Roy, Atanu; Whoriskey, Susan; Wood, Kristy M.; Hatata, Paul; Schrum, Jason P.; Ellsworth, Jeff Lynn; Guild, Justin  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Moderna Therapeutics, Inc.  
 (11) AU-A-2018200374  
 (21) 2018200374 (22) 19.01.2018  
 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF BIOLOGICS AND PROTEINS ASSOCIATED WITH HUMAN DISEASE  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )

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 (62) 2013243949  
 (72) Bancel, Stephane; De Fougerolles, Antonin; Ejebe, Kenechi; Chakraborty, Tirtha; Elbashir, Sayda M.; John, Matthias; Roy, Atanu; Whoriskey, Susan; Wood, Kristy M.; Hatala, Paul; Schrum, Jason P.; Ellsworth, Jeff Lynn; Guild, Justin  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Moderna Therapeutics, Inc.  
 (11) AU-A-2018200375  
 (21) 2018200375 (22) 19.01.2018  
 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH HUMAN DISEASE  
 (51) Int. Cl.  
 C12N 15/85 ( 2006.01 )  
 A61K 31/7115 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 C12N 9/88 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.  
 A61K 31/7105 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C12N 15/85 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF MEMBRANE PROTEINS  
 (51) Int. Cl.  
 C12N 9/10 ( 2006.01 )  
 C07H 21/04 ( 2006.01 )

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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Moderna Therapeutics, Inc.  
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 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS  
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 C07H 21/04 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
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 (54) Improvements in Phalloplasty  
 (51) Int. Cl.  
 A61F 2/26 ( 2006.01 )  
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 (62) 2016273950  
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 (54) INFLATABLE TOY AND INFLATION DEVICE  
 (51) Int. Cl.  
 A63H 33/14 ( 2006.01 )  
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 A47B 21/02 ( 2006.01 )  
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 (74) Wrays Pty Ltd formerly EKM patent & trade marks

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 (54) DEVICES FOR CONTROLLING HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN, AND ASSOCIATED SYSTEMS AND METHODS, INCLUDING SIMPLIFIED CONTROLLERS  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.  
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 (74) Shelston IP Pty Ltd.

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 C07K 16/24 ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2018201468 (22) 28.02.2018  
 (54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program  
 (51) Int. Cl.  
 G10L 19/02 ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.
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 (21) 2018201492 (22) 01.03.2018  
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 (51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
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**A61P 25/16** ( 2006.01 )  
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 (51) Int. Cl.  
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 (74) Fisher Adams Kelly Callinans
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**E06B 3/42** ( 2006.01 )  
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 (51) Int. Cl.  
**G01S 7/40** ( 2006.01 )  
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 (51) Int. Cl.  
**A23C 9/158** ( 2006.01 )  
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 (72) Elster, Scott; Fournell, Joe; Eaker, Scott  
 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2018201516 (22) 02.03.2018  
 (54) Using modulators of CCR5 for treating cancer  
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**A61P 35/04** ( 2006.01 )  
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**(54)** GARDEN EDGING IMPROVEMENTS  
**(51)** Int. Cl.  
**A01G 9/28** ( 2018.01 )  
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**(43)** 22.03.2018  
**(72)** Raven, Neil Andrew; Pfitzner, Ben  
**(74)** Madderns Patent & Trade Mark Attorneys

**(71)** Rearden, LLC  
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**(21)** 2018201553 **(22)** 05.03.2018  
**(54)** SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS  
**(51)** Int. Cl.  
**H04W 4/00** ( 2009.01 )  
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**(21)** 2018201501 **(22)** 01.03.2018  
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**A01K 67/027** ( 2006.01 )  
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**(72)** Macdonald, Lynn; McWhirter, John; Tu, Naxin; Stevens, Sean; Murphy, Andrew J.  
**(74)** FB Rice Pty Ltd

**(71)** Rhodia Operations  
**(11)** AU-A-2018201484  
**(21)** 2018201484 **(22)** 01.03.2018  
**(54)** Foam control formulations  
**(51)** Int. Cl.  
**B01D 19/04** ( 2006.01 )  
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**(54)** Carpet divider system

**(51)** Int. Cl.  
**B26D 3/28** ( 2006.01 )  
**B29B 17/02** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**(54)** A CARTON  
**(51)** Int. Cl.  
**B65D 77/00** ( 2006.01 )  
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**(72)** Roper, Andrew  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Roquette Freres  
**(11)** AU-A-2018201455  
**(21)** 2018201455 **(22)** 28.02.2018  
**(54)** Film-forming compositions for the film-coating of solid forms  
**(51)** Int. Cl.  
**C09D 103/12** ( 2006.01 )  
**C08L 3/12** ( 2006.01 )  
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**(74)** Spruson & Ferguson

**(71)** Saint-Gobain Construction Products UK Limited  
**(11)** AU-A-2018201528  
**(21)** 2018201528 **(22)** 02.03.2018  
**(54)** Construction Panel Having Improved Fixing Strength and Method for the Manufacture Thereof  
**(51)** Int. Cl.  
**C04B 28/14** ( 2006.01 )  
**(43)** 22.03.2018  
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**(72)** HOTCHIN, Glen; JONES, Nicholas; RICHARDSON, Adam  
**(74)** Halfords IP

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**(21)** 2018201165

**(71)** Sanofi  
**(11)** AU-A-2018201504  
**(21)** 2018201504 **(22)** 01.03.2018  
**(54)** Use of anti-CD19 maytansinoid immun-conjugate antibody for the treatment of B-cell malignancies symptoms  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/44** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
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**(72)** Morariu, Rodica  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Schindler, W.  
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**(21)** 2018201285 **(22)** 22.02.2018  
**(54)** SUCCINIMIDE-ACTIVATED NITROXYL COMPOUNDS AND METHODS FOR THE USE THEREOF FOR NITROXYLATION OF PROTEINS  
**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
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**C10L 1/22** ( 2006.01 )  
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**(62)** 2013243875  
**(72)** Vandegriff, Kim D.; Malavalli, Ashok; Mkrtychyan, Gnel  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Sennheiser Electronic GmbH & Co. KG  
**(11)** AU-A-2017221778  
**(21)** 2017221778 **(22)** 30.08.2017  
**(54)** MICROPHONE UNIT FOR AN ACTION CAMERA  
**(51)** Int. Cl.  
**H04R 1/02** ( 2006.01 )  
**(31)** 10 2016 116 424.0 **(32)** 02.09.16 **(33)** DE  
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**(72)** Heine, Lars; Staat, Raimund; Horn, Michael; Kürbis, Manfred  
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**(11)** AU-A-2018201462  
**(21)** 2018201462 **(22)** 28.02.2018  
**(54)** System and Method for Producing Parametric Maps of Optoacoustic Data  
**(51)** Int. Cl.  
**A61B 8/00** ( 2006.01 )  
**(43)** 22.03.2018  
**(62)** 2013274136  
**(72)** ZALEV, JASON; CLINGMAN, BRYAN  
**(74)** Griffith Hack

**(71)** Sha'ked Microbial Solutions Ltd  
**(11)** AU-A-2018201154  
**(21)** 2018201154 **(22)** 16.02.2018  
**(54)** A METHOD OF CONTROLLING WATER SURFACE INHABITING PESTS  
**(51)** Int. Cl.  
**A01N 59/00** ( 2006.01 )  
**A01N 25/08** ( 2006.01 )  
**A01N 25/10** ( 2006.01 )  
**A01N 25/16** ( 2006.01 )  
**A01N 25/34** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A01P 7/00** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**C02F 1/72** ( 2006.01 )  
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**(72)** Braun, Sergei; Harel, Moshe  
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**A61K 31/4035** ( 2006.01 )  
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**A61K 38/21** ( 2006.01 )  
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 (21) 2017225036 (22) 06.09.2017  
 (54) Drilling machine  
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**E21B 17/07** ( 2006.01 )  
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 (72) ZANICHELLI, Alessio  
 (74) Watermark Intellectual Property Pty Ltd

(71) Solazyme Roquette Nutritionals, LLC;  
 Board of Supervisors of Louisiana State  
 University and Agricultural and Mech-  
 anical College  
 (11) AU-A-2018201486  
 (21) 2018201486 (22) 01.03.2018  
 (54) Crystallization Resistant Frozen Food  
 Products  
 (51) Int. Cl.  
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 (54) Removable Anchor Bolt Assembly and  
 Method  
 (51) Int. Cl.  
**F16B 13/08** ( 2006.01 )  
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 (72) SONG, Lida  
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 Method  
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**F16B 13/08** ( 2006.01 )  
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 microencapsulated nitrate in the manu-  
 facture of pest baits  
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**A01N 59/00** ( 2006.01 )  
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**B62B 9/22** ( 2006.01 )  
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 (62) 2014252695  
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 Rose  
 (74) Griffith Hack

(71) Stryker Corporation  
 (11) AU-A-2018201494  
 (21) 2018201494 (22) 01.03.2018  
 (54) MEDICAL/SURGICAL LAVAGE UNIT  
 WITH A CONTROL ASSEMBLY THAT  
 CAN BE SET TO A MOMENTARY ON  
 STATE OR A CONSTANT ON STATE  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
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 (72) Kidman, Beau; Perez, Ivan Matos;  
 Hunke, Chris; Johnston, Neal  
 (74) Davies Collison Cave Pty Ltd

(71) Suganit Systems, Inc.  
 (11) AU-A-2018201505  
 (21) 2018201505 (22) 01.03.2018  
 (54) Method of converting lignin and uses  
 thereof  
 (51) Int. Cl.  
**C13B 10/14** ( 2011.01 )  
 (43) 22.03.2018  
 (62) 2014228335  
 (72) Dadi, Ananthram Prasad; Paripati,  
 Praveen  
 (74) Watermark Intellectual Property Pty Ltd

(71) Tasmanian Alkaloids Pty Ltd  
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 (54) A Plant  
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**C09D 109/10** ( 2006.01 )  
**C09D 125/14** ( 2006.01 )  
**C09D 133/06** ( 2006.01 )  
**C09D 195/00** ( 2006.01 )  
**E01C 3/04** ( 2006.01 )  
**E01C 7/36** ( 2006.01 )  
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**A61L 2/10** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
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**B64F 5/40** ( 2017.01 )  
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 Inc.  
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 Follicle Neogenesis  
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 B60J 11/00 ( 2006.01 )  
 A62B 3/00 ( 2006.01 )  
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 A62C 8/08 ( 2006.01 )  
 E04B 1/94 ( 2006.01 )  
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 A61K 31/435 ( 2006.01 )  
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 E04F 15/024 ( 2006.01 )
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 (21) 2018201464 (22) 28.02.2018  
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 A01N 43/42 ( 2006.01 )  
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 B32B 21/10 ( 2006.01 )  
 C08B 1/00 ( 2006.01 )  
 D04H 1/00 ( 2006.01 )  
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 A61B 17/17 ( 2006.01 )  
 A61B 17/15 ( 2006.01 )  
 A61B 17/56 ( 2006.01 )  
 A61F 2/38 ( 2006.01 )  
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2016222506	SONG, L.	2018201410	Novartis AG
2016222511	Tasmanian Alkaloids Pty Ltd	2018201411	Huawei Technologies Co., Ltd.
2016277642	Rodarte Garcia, A.	2018201412	Trading Technologies International, Inc
2017201434	Vuly IP Holdings No. 2 Pty Ltd	2018201413	Aristocrat Technologies Australia Pty Limited
2017202425	Kuipers, M.	2018201414	Alcoa of Australia Limited
2017204168	The Boeing Company	2018201417	Cameron International Corporation; Eaglepicher Technologies, LLC
2017204500	Accenture Global Solutions Limited	2018201418	Trading Technologies International, Inc
2017204753	The Boeing Company	2018201420	All Cell Recovery LLC
2017206193	Fujitsu General Limited	2018201421	E. I. DU PONT DE NEMOURS AND COMPANY
2017208277	Apple Inc.	2018201424	Aristocrat Technologies Australia Pty Limited
2017208343	WARD, M.	2018201425	STONE, L.; JONES, L.
2017210525	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2018201426	Indee. Inc.
2017210613	Deere & Company; Iowa State University Research Foundation	2018201427	Thomas & Betts International LLC
2017210668	Covidien LP	2018201429	Applied Medical Resources Corporation
2017213456	CASIO COMPUTER CO., LTD.	2018201431	Bromic Pty Ltd
2017213533	BALTEK CO., LIMITED	2018201433	Nevro Corporation
2017216591	Apple Inc.	2018201436	Pharnext
2017218929	Apple Inc.	2018201437	Thomson Reuters Global Resources Unlimited Company
2017218975	Caterpillar Inc.	2018201439	Harnischfeger Technologies, Inc.
2017218993	Caterpillar Inc.	2018201440	Agriculture Victoria Services Pty Ltd
2017218995	Caterpillar Inc.	2018201441	Amunix Operating Inc.
2017219010	OZKOR Pty. Ltd.; Capral Limited	2018201444	Prolacta Bioscience, Inc.
2017219078	AMSTED Rail Company, Inc.	2018201445	Onyx Therapeutics, Inc.
2017219115	Joy MM Delaware, Inc.	2018201447	Xyleco, Inc.
2017219118	Toyota Jidosha Kabushiki Kaisha	2018201450	GTx, Inc.
2017221772	CEM Corporation	2018201453	JF Hillebrand Limited
2017221778	Sennheiser Electronic GmbH & Co. KG	2018201455	Roquette Freres
2017221818	MadGrip Holdings, LLC	2018201459	Google LLC
2017221858	Accenture Global Solutions Limited	2018201461	The Nielsen Company (US), LLC
2017221859	Preco Electronics, LLC	2018201462	SENO MEDICAL INSTRUMENTS, INC.
2017221878	Denbar Design Pty Ltd	2018201463	BPAY Group Limited
2017221887	Raven Products Pty Ltd	2018201464	Vivus, Inc.
2017221893	Biosense Webster (Israel) Ltd.	2018201465	Advanced Cooling Therapy, LLC
2017224996	SONG, L.	2018201468	NTT DOCOMO, INC.
2017225021	Dr Stuart Kirkham Pty Ltd	2018201470	Zimmer, Inc.
2017225035	Vorwerk & Co. Interholding GmbH	2018201473	Optimedica Corporation
2017225036	Soilmec S.p.A.	2018201474	Apple Inc.
2017225044	Toyota Jidosha Kabushiki Kaisha	2018201475	ATI Properties LLC
2017225047	Thermaguard Pty Ltd	2018201478	MOORE, C.
2017225063	General Transport Equipment Pty Ltd	2018201479	Dolby International AB
2017225069	Roper, A.	2018201480	Le Gaz Integral SAS
2017225077	Poulos, T.	2018201481	ImThera Medical, Inc
2017225099	Harnischfeger Technologies, Inc.	2018201483	British American Tobacco (Investments) Limited
2017225125	MOOSE CREATIVE MANAGEMENT PTY LIMITED	2018201484	Rhodia Operations
2017239528	Dippin' Dots, LLC	2018201486	Solazyme Roquette Nutritionals, LLC; Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
2017254956	MOVI Workspace Pty Ltd	2018201488	General Electric Company
2017301076	Staples, L.; MacMorran, D.	2018201491	Oregon Health & Science University
2018200373	Moderna Therapeutics, Inc.	2018201492	PGS Geophysical AS
2018200374	Moderna Therapeutics, Inc.	2018201494	Stryker Corporation
2018200375	Moderna Therapeutics, Inc.	2018201495	Desire2Learn Incorporated
2018200377	Moderna Therapeutics, Inc.	2018201496	Komatsu Ltd.
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2018200380	Moderna Therapeutics, Inc.	2018201499	Siga Technologies, Inc.
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2018201216	TERRAPAVE INTERNATIONAL	2018201503	Genmab A/S
2018201239	Wellstat Therapeutics Corporation	2018201504	Sanofi
2018201270	M-I L.L.C.	2018201505	Suganit Systems, Inc.
2018201285	Schindler, W.	2018201510	HOYA Lens Thailand Ltd.
2018201371	Baxalta Incorporated; Baxalta GmbH	2018201513	Nicoventures Holdings Limited
2018201391	TRON-Translationale Onkologie an der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH	2018201514	ABRAXIS BIOSCIENCE, LLC
2018201397	Mannkind Corp	2018201515	Carbontrack Pty Ltd
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2018201523	BPAY Group Limited
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2018201536	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
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. (\*) Title not in Roman characters  
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**2018100233** Buildsafe Equipment Sales Pty Ltd  
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2018100224	2018100215	2018100231 2018100232
<b><u>A47L 11 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>G08B 5 /-</u></b>
2018100223	2018100233	2018100229
<b><u>A47L 13 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>G09B 5 /-</u></b>
2018100223	2018100233	2017101666
<b><u>A61K 31 /-</u></b>	<b><u>F17C 3 /-</u></b>	<b><u>G09B 7 /-</u></b>
2018100194	2018100195	2017101666
<b><u>A61P 29 /-</u></b>	<b><u>F17C 7 /-</u></b>	<b><u>G10K 7 /-</u></b>
2018100194	2018100195	2018100191
<b><u>A61P 37 /-</u></b>	<b><u>F21S 10 /-</u></b>	<b><u>H04L 29 /-</u></b>
2018100194	2018100229	2017101666
<b><u>B01D 1 /-</u></b>	<b><u>F21S 9 /-</u></b>	<b><u>H04W 12 /-</u></b>
2018100217	2018100229	2018100222
<b><u>B01J 23 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>No IPC Mark</u></b>
2018100220	2018100215	
<b><u>B42D 25 /-</u></b>	<b><u>F24F 7 /-</u></b>	
2018100225	2018100215	
<b><u>B82Y 15 /-</u></b>	<b><u>F26B 19 /-</u></b>	
2018100220	2018100131	
<b><u>B82Y 35 /-</u></b>	<b><u>F26B 3 /-</u></b>	
2018100220	2018100131	
<b><u>B82Y 40 /-</u></b>	<b><u>F26B 9 /-</u></b>	
2018100220	2018100131	
<b><u>C07D 309 /-</u></b>	<b><u>G06F 11 /-</u></b>	
2018100194	2017101666	
<b><u>E01B 9 /-</u></b>	<b><u>G06F 17 /-</u></b>	
2018100214	2017101666	
<b><u>E01F 7 /-</u></b>	<b><u>G06F 21 /-</u></b>	
2018100196	2017101666 2018100222	
<b><u>E02D 17 /-</u></b>	<b><u>G06N 3 /-</u></b>	
2018100196	2018100232	

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- . (\*\*) Title not given

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**C25D 3/56** ( 2006.01 )  
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**C25D 21/10** ( 2006.01 )
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**A61M 5/00** ( 2006.01 )  
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**A61M 5/178** ( 2006.01 )  
**A61M 5/30** ( 2006.01 )  
**A61M 5/307** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )
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**A61K 36/31** ( 2006.01 )
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**G06F 9/44** ( 2006.01 )
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(21) 2016314014 (22) 25.08.2016  
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(51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A23K 20/00** ( 2016.01 )  
**A23L 13/00** ( 2016.01 )  
**C12R 1/25** ( 2006.01 )
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**A61K 31/438** ( 2006.01 )  
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**C07D 487/14** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
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 A47J 31/00 (2006.01)  
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 A61N 1/04 (2006.01)  
 A61N 1/36 (2006.01)  
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 A61K 39/395 (2006.01)  
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 A61K 8/24 (2006.01)  
 A61K 8/44 (2006.01)  
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(71) Colgate-Palmolive Company  
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 (54) Oral care compositions and methods of use  
 (51) Int. Cl.  
 A61K 8/24 (2006.01)  
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 A61Q 11/00 (2006.01)  
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**(54)** Oral care compositions and methods of use  
**(51)** Int. Cl.  
**A61Q 11/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**G01V 3/14** ( 2006.01 )  
**G01N 24/08** ( 2006.01 )  
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**(74)** Allens Patent & Trade Mark Attorneys
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**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
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**A61P 31/04** ( 2006.01 )  
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**A61K 38/16** ( 2006.01 )  
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**(54)** Optical fiber bundle  
**(51)** Int. Cl.  
**G02B 6/44** ( 2006.01 )  
**G02B 6/02** ( 2006.01 )  
**G02B 6/036** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick
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**(54)** Fiber optic connector sub-assemblies and related methods  
**(51)** Int. Cl.  
**G02B 6/38** ( 2006.01 )  
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**(54)** Fiber optic connector sub-assemblies and related methods  
**(51)** Int. Cl.  
**G02B 6/38** ( 2006.01 )  
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 14/920,023 22.10.15 US  
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**(51)** Int. Cl.  
**B42D 25/00** ( 2014.01 )  
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**(74)** Shelston IP Pty Ltd.
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- (71)** Creo Medical Limited  
**(11)** AU-A-2016342141  
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**(54)** Electrosurgical instrument  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 18/18** ( 2006.01 )  
**H01P 1/06** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
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**(21)** 2016314768 **(22)** 26.08.2016  
**(54)** Products and methods for activating and/or expanding T cells  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61F 2/02** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
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<p>(71) Dana-Farber Cancer Institute, Inc. (11) AU-A-2016301195 (21) 2016301195 (22) 08.08.2016 (54) Targeted protein degradation to attenuate adoptive T-cell therapy associated adverse inflammatory responses (51) Int. Cl. C07K 16/00 ( 2006.01 ) A61K 35/17 ( 2015.01 ) A61P 35/00 ( 2006.01 ) (87) WO2017/024318 (31) 62/323,575 (32) 15.04.16 (33) US 62/323,591 15.04.16 US 62/202,076 06.08.15 US (43) 09.02.2017 (72) Bradner, James; Roberts, Justin; Nabet, Behnam; Winter, Georg; Phillips, Andrew J.; Heffernan, Timothy P.; Buckley, Dennis (74) Davies Collison Cave Pty Ltd</p>	<p>(71) de Cavis AG (11) AU-A-2016318360 (21) 2016318360 (22) 30.08.2016 (54) Catalytically active foam formation powder (51) Int. Cl. C04B 38/02 ( 2006.01 ) C04B 40/00 ( 2006.01 ) (87) WO2017/041189 (31) 15002618.5 (32) 07.09.15 (33) EP (43) 16.03.2017 (72) Gonzenbauch, Urs T.; Sturzenegger, Philip Noah (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Downhole Technology, LLC (11) AU-A-2017291750 (21) 2017291750 (22) 03.07.2017 (54) Downhole tool and method of use (51) Int. Cl. E21B 33/129 ( 2006.01 ) E21B 19/10 ( 2006.01 ) E21B 33/12 ( 2006.01 ) (87) WO2018/009487 (31) 62/358,230 (32) 05.07.16 (33) US 62/439,085 26.12.16 US (43) 11.01.2018 (72) Davies, Evan Lloyd; Vanlue, Duke; Hou, Yanan; Li, Liguu; Hughes, David (74) Cotters Patent &amp; Trade Mark Attorneys</p>
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(54) Polysaccharide coatings for paper  
(51) Int. Cl.  
D21H 19/52 ( 2006.01 )  
C08L 5/00 ( 2006.01 )  
C08L 5/02 ( 2006.01 )  
C09D 105/00 ( 2006.01 )  
C09D 105/02 ( 2006.01 )  
C09D 129/02 ( 2006.01 )  
C09D 131/04 ( 2006.01 )  
D06M 15/11 ( 2006.01 )  
D21H 19/62 ( 2006.01 )  
D21H 21/16 ( 2006.01 )
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(74) Houlihan<sup>2</sup> Pty Ltd
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(51) Int. Cl.  
D04H 1/4258 ( 2012.01 )  
C08B 37/00 ( 2006.01 )  
C08L 5/00 ( 2006.01 )  
C12P 19/18 ( 2006.01 )  
D01F 9/00 ( 2006.01 )  
D04H 1/4326 ( 2012.01 )  
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C07C 211/13 ( 2006.01 )  
A61L 2/18 ( 2006.01 )  
C07C 55/02 ( 2006.01 )  
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(51) Int. Cl.  
A61K 38/39 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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(54) Aqueous microcapsule slurry  
(51) Int. Cl.  
B01J 13/16 ( 2006.01 )  
A61K 8/11 ( 2006.01 )  
B01J 13/18 ( 2006.01 )
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(72) Schwantes, Todd Arlin  
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(72) Li, Jia-Yang; Yin, Tong-Ning  
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**B29C 51/14** ( 2006.01 )  
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A61M 11/04 ( 2006.01 )  
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C07D 223/14 ( 2006.01 )  
A61K 31/55 ( 2006.01 )  
A61P 25/04 ( 2006.01 )  
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C07K 14/705 ( 2006.01 )
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A01C 1/06 ( 2006.01 )  
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A01P 21/00 ( 2006.01 )  
C09D 105/00 ( 2006.01 )  
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 (11) AU-A-2016312846  
 (21) 2016312846 (22) 19.08.2016  
 (54) Acoustic driven drug delivery systems  
 (51) Int. Cl.  
*A61K 9/127* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/51* ( 2006.01 )  
*A61K 41/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (87) WO2017/034418  
 (31) 2015903387 (32) 21.08.15 (33) AU  
 (43) 02.03.2017  
 (72) Reynolds, John Noble James; Tan, Eng Wui; Hyland, Brian Ian; Jameson, Guy Nicholas Louis; Myint, Maung Mo Aung; Mackay, Sean Marshall; Wickens, Jeffery Russell  
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<p>(71) University of the Sunshine Coast (11) AU-A-2016349937 (21) 2016349937 (22) 02.11.2016 (54) Chlamydia antigens and uses thereof (51) Int. Cl. C07K 14/295 ( 2006.01 ) A61K 39/118 ( 2006.01 ) (87) WO2017/075653 (31) 2015904528 (32) 04.11.15 (33) AU (43) 11.05.2017 (72) Timms, Peter (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(51) Int. Cl. B21D 15/04 ( 2006.01 ) B21D 15/06 ( 2006.01 ) B21D 17/02 ( 2006.01 ) B21D 17/04 ( 2006.01 ) B21H 1/20 ( 2006.01 ) B21H 1/22 ( 2006.01 ) (87) WO2017/095693 (31) 62/363,892 (32) 19.07.16 (33) US 62/260,922 30.11.15 US 62/359,395 07.07.16 US 62/395,747 16.09.16 US (43) 08.06.2017 (72) Dole, Douglas R. (74) Spruson &amp; Ferguson</p>	<p>(54) Press fitting for pipes having a check ring (51) Int. Cl. F16L 13/14 ( 2006.01 ) (87) WO2017/043966 (31) 2015413 (32) 08.09.15 (33) NL (43) 16.03.2017 (72) Ruissen, Johannes; Hullegien, Andreas Hubertus (74) Fisher Adams Kelly Callinans</p>
<p>(71) University of Virginia Patent Foundation; The University Of Birmingham (11) AU-A-2016306304 (21) 2016306304 (22) 05.08.2016 (54) Identification of class I MHC associated glycoproteins as targets for cancer immunotherapy (51) Int. Cl. C07K 16/00 ( 2006.01 ) A61K 38/03 ( 2006.01 ) A61P 35/02 ( 2006.01 ) C12N 5/0783 ( 2010.01 ) C12N 15/63 ( 2006.01 ) C12Q 1/68 ( 2006.01 ) (87) WO2017/027403 (31) 62/202,359 (32) 07.08.15 (33) US (43) 16.02.2017 (72) Hunt, Donald F.; Shabanowitz, Jeffrey; Malaker, Stacy A.; Cobbold, Mark; Penny, Sarah (74) Fisher Adams Kelly Callinans</p>	<p>(71) Vinidex Pty Limited (11) AU-A-2016303796 (21) 2016303796 (22) 05.08.2016 (54) A torque transfer bracket for a large ball valve (51) Int. Cl. F16K 31/02 ( 2006.01 ) F16K 1/14 ( 2006.01 ) (87) WO2017/020093 (31) 2015903148 (32) 06.08.15 (33) AU (43) 09.02.2017 (72) Feros, Nicholas (74) Halfords IP</p>	<p>(71) VSL International AG (11) AU-A-2015407931 (21) 2015407931 (22) 31.08.2015 (54) Cable anchorage system (51) Int. Cl. E01D 19/14 ( 2006.01 ) E04C 5/12 ( 2006.01 ) (87) WO2017/036514 (43) 09.03.2017 (72) Annan, Rachid; Michel, Ludovic Louis (74) Griffith Hack</p>
<p>(71) Vapor Pin Enterprises, Inc. (11) AU-A-2016389021 (21) 2016389021 (22) 29.01.2016 (54) Device for use with measuring soil gas and method of use (51) Int. Cl. G01N 1/22 ( 2006.01 ) (87) WO2017/131746 (43) 03.08.2017 (72) Cox, Craig A. (74) MINTER ELLISON</p>	<p>(71) Viravaxx AG (11) AU-A-2016316811 (21) 2016316811 (22) 05.09.2016 (54) Fusion protein (51) Int. Cl. A61K 39/29 ( 2006.01 ) A61K 39/36 ( 2006.01 ) A61P 31/20 ( 2006.01 ) C12N 15/62 ( 2006.01 ) (87) WO2017/037280 (31) 15183983.4 (32) 05.09.15 (33) EP (43) 09.03.2017 (72) Valenta, Rudolf; Cornelius, Carolin (74) Houlihan<sup>2</sup> Pty Ltd</p>	<p>(71) Warsaw Orthopedic, Inc. (11) AU-A-2016327975 (21) 2016327975 (22) 23.09.2016 (54) Spinal implant system and method (51) Int. Cl. A61B 17/70 ( 2006.01 ) (87) WO2017/053797 (31) 14/864,482 (32) 24.09.15 (33) US (43) 30.03.2017 (72) Simpson, Joshua W.; Lindemann, Gary S.; May, Jason M.; Padilla, Maria-Rosa (74) FB Rice Pty Ltd</p>
<p>(71) ViaSat, Inc. (11) AU-A-2016317736 (21) 2016317736 (22) 26.08.2016 (54) Systems and methods for prefetching dynamic URLs (51) Int. Cl. G06F 17/30 ( 2006.01 ) (87) WO2017/040297 (31) 62/211,246 (32) 28.08.15 (33) US (43) 09.03.2017 (72) Lepeska, Peter; Toth, Devin (74) Adams Pluck</p>	<p>(71) VPS-3, Inc. (11) AU-A-2016323782 (21) 2016323782 (22) 16.09.2016 (54) Antifungal compound process (51) Int. Cl. A01P 3/00 ( 2006.01 ) A01P 1/00 ( 2006.01 ) A61K 31/00 ( 2006.01 ) A61K 45/00 ( 2006.01 ) C07D 239/00 ( 2006.01 ) C07D 257/00 ( 2006.01 ) (87) WO2017/049096 (31) 62/275,504 (32) 06.01.16 (33) US 62/220,384 18.09.15 US (43) 23.03.2017 (72) Wirth, David Dale; Yates, Christopher M.; Hoekstra, William J. (74) Houlihan<sup>2</sup> Pty Ltd</p>	<p>(71) Warsaw Orthopedic, Inc. (11) AU-A-2016339970 (21) 2016339970 (22) 13.10.2016 (54) Expandable spinal implant system and method (51) Int. Cl. A61F 2/44 ( 2006.01 ) (87) WO2017/066463 (31) 14/885,472 (32) 16.10.15 (33) US (43) 20.04.2017 (72) Kuyler, Adriaan J.; Melkent, Anthony J.; Miller, Keith E. (74) FB Rice Pty Ltd</p>
<p>(71) Victaulic Company (11) AU-A-2016362959 (21) 2016362959 (22) 22.11.2016 (54) Cam grooving machine</p>	<p>(71) VSH Fittings B.V. (11) AU-A-2016319715 (21) 2016319715 (22) 06.09.2016</p>	<p>(71) Watkins-Conti Products, Inc. (11) AU-A-2016308363 (21) 2016308363 (22) 19.08.2016 (54) Flexible cone-shaped intra-vaginal support device (51) Int. Cl. A61F 6/08 ( 2006.01 ) (87) WO2017/031456 (31) 62/283,092 (32) 20.08.15 (33) US 15/242,105 19.08.16 US (43) 23.02.2017 (72) Conti, Allison (74) Spruson &amp; Ferguson</p>
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 (51) Int. Cl.  
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 (72) De Waal, Martin; Koning, Remco; De Reus, Patrick  
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 (21) 2016310414 (22) 26.08.2016  
 (54) Rotary parts for a slurry pump  
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*F04D 29/24* ( 2006.01 )  
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 (72) Loderer, Pavol; Walker, Craig Ian  
 (74) Davies Collison Cave Pty Ltd
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- (71) WestRock Packaging Systems, LLC  
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 (54) Carton and carton blank  
 (51) Int. Cl.  
*B65D 5/66* ( 2006.01 )
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- (87) WO2017/048479  
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- (71) WestRock Packaging Systems, LLC  
 (11) AU-A-2016325252  
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 (54) Package with carrying handle and blank therefor  
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*B65D 21/02* ( 2006.01 )  
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 (31) 62/222,280 (32) 23.09.15 (33) US  
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 (72) Blin, Patrick  
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- (71) Yoshino Gypsum Co., Ltd.  
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 (21) 2015406757 (22) 26.08.2015  
 (54) Mixer and mixing method  
 (51) Int. Cl.  
*B28C 5/16* ( 2006.01 )  
*B01F 7/26* ( 2006.01 )  
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- (87) WO2017/033302  
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 (72) Sudo, Ushio; Nakamura, Wataru; Ishibashi, Seigo; Tani, Hirokuni  
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- (71) Yvolve Sports Ltd.  
 (11) AU-A-2015330004  
 (21) 2015330004 (22) 07.10.2015  
 (54) Vehicle that is convertible to multiple configurations  
 (51) Int. Cl.  
*B62K 13/04* ( 2006.01 )  
*B62K 3/00* ( 2006.01 )  
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 (72) O Connell, Thomas; Golias, Matthew Ernest  
 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Zero Golf s. r. o.  
 (11) AU-A-2016310660  
 (21) 2016310660 (22) 25.08.2016  
 (54) A golf teaching set in the form of a subconscious habit  
 (51) Int. Cl.  
*A63B 69/36* ( 2006.01 )  
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 (31) CZ 2015-580 (32) 27.08.15 (33) CZ  
 (43) 02.03.2017  
 (72) Mares, Otakar  
 (74) Michael Buck IP
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- (71) Zimmer MedizinSysteme GmbH  
 (11) AU-A-2016328549  
 (21) 2016328549 (22) 20.09.2016  
 (54) Hydrophilic gel for topical delivery of 5-aminolevulinic acid  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/06* ( 2006.01 )  
*A61K 41/00* ( 2006.01 )  
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- (87) WO2017/050759  
 (31) 15186006.1 (32) 21.09.15 (33) EP  
 (43) 30.03.2017  
 (72) Solioz, André; Stowasser, Frank; Zimmer, Armin  
 (74) Spruson & Ferguson

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2015330004	Yvolve Sports Ltd.	2016306093	Auramer Bio Limited
2015404416	EntIT Software LLC	2016306304	University of Virginia Patent Foundation; The University Of Birmingham
2015405311	INDOOR.NINJA OÜ		
2015405326	Nisshin Foods Inc.	2016306568	Galera Labs, LLC
2015406757	Yoshino Gypsum Co., Ltd.	2016306654	The Cleveland Clinic Foundation
2015406809	Statoil Petroleum AS	2016307249	Monier Roofing GmbH
2015407196	August Rüggeberg GmbH & Co. KG	2016307786	Corning Optical Communications LLC
2015407253	Olitek Pty Ltd	2016307884	Hunter, A.; Grist, A.
2015407889	CG Bio Co., Ltd.	2016308080	ST IP Holding AG
2015407931	VSL International AG	2016308363	Watkins-Conti Products, Inc.
2015408100	Boral IP Holdings (Australia) Pty Limited	2016308553	Nuvox Pharma LLC
2015408199	New York Air Brake, LLC	2016308845	Southwire Company, LLC
2015408221	Ethicon, Inc.	2016310334	Medtronic, Inc.
2015408238	Koffeefruit Pte. Ltd.	2016310411	Gemgard Pty Limited
2015408449	Revenio Research Oy	2016310414	Weir Minerals Australia Ltd; Weir Minerals Europe Limited
2015408850	Telestete Oyj		
2015410544	Mitsubishi Electric Corporation	2016310419	Newcastle Innovation Limited
2015410656	Halliburton Energy Services, Inc.	2016310429	Carmine Giunti de Oliveira, L.; Orlandi Giunti Oliveira, E.
2015410851	T&W Engineering A/S		
2015411324	ESM Technologies, LLC	2016310451	Magic Leap, Inc.
2015411917	Webasto SE	2016310503	DSM IP Assets B.V.
2015412222	Demandware Inc.	2016310534	McConnell, T.
2015412224	Halliburton Energy Services, Inc.	2016310555	Saint-Gobain Glass France
2015412294	Mitsubishi Electric Corporation; Mitsubishi Electric Home Appliance Co., Ltd.	2016310660	Zero Golf s. r. o.
		2016311058	Hip Innovation Technology, LLC
2015412899	Mitsubishi Electric Corporation	2016311235	Smith & Nephew, Inc.
2015413333	Halliburton Energy Services Inc.	2016311297	FMC Kongsberg Subsea AS
2015413334	Halliburton Energy Services, Inc.	2016311441	Quidel Corporation
2015413368	Halliburton Energy Services, Inc.	2016311458	General Electric Company
2015413369	Halliburton Energy Services, Inc.	2016312177	Self-screen B.V.
2015413796	Mitsubishi Electric Corporation	2016312266	Corning Optical Communications LLC
2015414720	Halliburton Energy Services, Inc.	2016312267	Corning Optical Communications LLC
2015417837	Huawei Technologies Co., Ltd.	2016312408	Bell Sports, Inc.
2016275574	Bionomics Limited	2016312629	Crane Security Technologies, Inc.; Visual Physics, LLC
2016285116	Statoil Petroleum AS	2016312846	University of Otago
2016296002	Noroyan, G.S.	2016312965	Commonwealth Scientific and Industrial Research Organisation
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2016298041	The SkyLIFE Company, Inc.	2016312976	CMI Construction & Mining Industries Supplies Pty Ltd
2016298390	OptiPulse Inc.	2016313046	BASF SE
2016299256	Koninklijke Philips N.V.	2016313075	BlueArc Finance AG
2016299438	Fresenius Medical Care Deutschland GmbH	2016313254	SFD Systems Limited
2016299573	Seoul National University R&DB Foundation; Total PS Co., Ltd	2016313610	Motorola Solutions, Inc.
		2016313773	Baxter International Inc.
2016300166	Gas Measurement Instruments Limited	2016313944	Royal Holloway and Bedford New College
2016300179	Fixnetix Limited	2016313961	Heartfelt Technologies Limited
2016300832	Brightgreen Pty Ltd	2016314014	Biobalance Co., Ltd.
2016301091	Gallagher Group Limited	2016314035	SafetyLink Pty Ltd
2016301098	Huang, J.; Sijja, L.; Li, G.	2016314129	Nippon Zoki Pharmaceutical Co., Ltd.
2016301110	Archer, K.M.	2016314142	Lucas Holdings (Queensland) Pty. Ltd.
2016301118	Aluminium Industries Investments Pty Ltd	2016314147	Orora Packaging Australia Pty Ltd
2016301183	Radio Systems Corporation	2016314173	Halifax Biomedical Inc.
2016301195	Dana-Farber Cancer Institute, Inc.	2016314547	Glenmark Pharmaceuticals S.A.
2016301215	Bristol-Myers Squibb Company	2016314630	EyeWay Vision Ltd.
2016301745	Ube Industries, Ltd.	2016314698	Universiteit Maastricht; Academisch Ziekenhuis Maastricht
2016301970	Agency for Science, Technology and Research		
2016302065	Flowserve Management Company	2016314768	CTM@CRC Ltd.
2016302144	Bristol-Myers Squibb Company	2016314775	Elastagen Pty Ltd
2016302548	Omya International AG	2016314776	TNBT Holdings Pty Ltd
2016302931	Hanwha Azdel, Inc.	2016314777	TNBT Holdings Pty Ltd
2016303021	Immatics Biotechnologies GmbH	2016314778	TNBT Holdings Pty Ltd
2016303120	Karl Leibinger Medizintechnik GmbH & Co. KG	2016314780	Larktale Pty Ltd
2016303356	Nuron Limited	2016314782	StraxCorp Pty Ltd
2016303796	Vinidex Pty Limited	2016314795	Novadaq Technologies Inc.
2016303926	Jesani Limited	2016314965	Nov Process & Flow Technologies AS
2016305091	Smith & Nephew, Inc.	2016315025	Nanjing Sinogen Biotech & Pharmaceutical Inc.
2016305103	The Chinese University of Hong Kong	2016315207	Sumitomo Metal Mining Co., Ltd.
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2016305927	President and Fellows of Harvard College	2016315360	GlaxoSmithKline Intellectual Property (No.2) Limited

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2016315396	Laboratorios Del Dr. Esteve, S.A.	2016321764	Siemens Aktiengesellschaft
2016315436	BSH Hausgeräte GmbH	2016321811	Leibniz-Institut für Neue Materialien Gemeinnützige GmbH
2016315447	Mako Surgical Corp.	2016321832	Microes Human Health B.V.
2016315450	Jetoptera, Inc.	2016321907	Universite D'avignon et des Pays de Vaucluse; Universite de Montpellier; Centre National de la Recherche Scientifique
2016315467	Nanostring Technologies, Inc.	2016322079	IVC, BVBA
2016315475	Cubic Corporation	2016322374	Brightgene Bio-Medical Technology Co., Ltd.
2016315591	General Electric Company	2016322559	Guangdong Xinbao Electrical Appliances Holdings Co., Ltd.
2016315634	Bayer HealthCare LLC	2016322698	Ardyne Technologies Limited
2016315646	Nicira, Inc.	2016322783	MasterCard International Incorporated
2016315666	Netflix, Inc.	2016322794	AAR Manufacturing, Inc.
2016315693	Medtronic PS Medical, Inc.	2016323147	Secturion Systems, Inc.
2016315741	Revolver 26 Investment Corporation	2016323648	WestRock Packaging Systems, LLC
2016315761	Amicus Therapeutics, Inc.	2016323763	Ecolab USA Inc.
2016315829	Divergent Technologies, Inc.	2016323782	VPS-3, Inc.
2016315852	First Wave Biopharma	2016323967	June Jacobs Laboratories, LLC
2016315889	The California Institute for Biomedical Research	2016323985	Novartis AG; The Trustees of the University of Pennsylvania; Bushman, F.; Fraietta, J.; June, C.; Melenhorst, J.; Noble, C.; Young, R.
2016316202	Immunwork Inc.	2016324144	University of Massachusetts
2016316229	Lion Corporation	2016324269	LG Electronics Inc.
2016316281	Immunwork Inc.	2016324298	ContraFect Corporation
2016316285	LG Electronics Inc.	2016324307	ContraFect Corporation
2016316560	Statoil Petroleum AS	2016325252	WestRock Packaging Systems, LLC
2016316563	Statoil Petroleum AS	2016325396	Fresenius Medical Care Deutschland GmbH
2016316565	Auckland UniServices Limited	2016325487	Shell Internationale Research Maatschappij B.V.
2016316730	Immutep S.A.S.	2016325593	DS Smith Plastics Limited
2016316773	Illumina, Inc.	2016325663	Professional Dietetics International S.r.l
2016316774	The Medical College of Wisconsin, Inc.	2016325721	Mutualink, Inc.
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2016316819	Saint-Gobain Glass France	2016326392	The Regents of the University of California; Vybyl Holdings, Inc.
2016316845	The General Hospital Corporation	2016326449	Aptevo Research and Development LLC
2016316954	University of Maryland, College Park	2016326688	Bally Gaming, Inc.
2016317011	Ethicon, LLC	2016326689	Genentech, Inc.
2016317082	Sirtex Medical Inc.	2016326864	GlaxoSmithKline Intellectual Property (No.2) Limited
2016317368	Toppan Printing Co., Ltd.	2016327213	Kolon Life Science, Inc.
2016317514	Shima Seiki Mfg., Ltd.; Toyo Feather Industry Co., Ltd.	2016327975	Warsaw Orthopedic, Inc.
2016317667	Sarepta Therapeutics, Inc.	2016328303	Merck Sharp & Dohme Corp.; Merck Sharp & Dohme Limited
2016317736	ViaSat, Inc.	2016328478	Synerz Medical, Inc.
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2016317844	Encapsys, LLC	2016329220	915 Labs, LLC
2016317899	LG Electronics Inc.	2016329447	Capillary Concrete AB
2016318066	Certis Cisco Security Pte. Ltd.	2016329886	Nicoventures Holdings Limited
2016318099	MAKO Surgical Corp.	2016330264	Novartis AG
2016318112	Memorial Sloan-Kettering Cancer Center	2016330272	Stora Enso Oyj
2016318139	Thumbroll LLC	2016330780	iRepertoire, Inc.
2016318199	Humanscale Corporation	2016331303	915 Labs, LLC
2016318235	I.systems Automação Industrial S.A	2016332266	Shionogi & Co., Ltd.
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2016318424	PepsiCo, Inc.	2016332501	Siemens Aktiengesellschaft
2016318613	Becton, Dickinson and Company	2016332725	Celgene Corporation
2016318762	INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Nantes; Centre Hospitalier Universitaire de Nantes	2016333474	Boehringer Ingelheim Vetmedica GmbH
2016318769	Novozymes Bioag A/S	2016333510	F. Hoffmann-La Roche AG
2016318802	MED-EL Elektromedizinische Geraete GmbH	2016333721	Boehringer Ingelheim International GmbH
2016318917	Nuovo Pignone Tecnologia Srl	2016334101	The Charles Machine Works, Inc.; Ramos, P.
2016318961	Agenus Inc	2016335074	Husqvarna AB
2016319107	Alzheon, Inc.	2016335996	Illinois Tool Works Inc.
2016319125	Dana-Farber Cancer Institute, Inc.	2016337502	Omnicell, Inc.
2016319540	JCR Pharmaceuticals Co., Ltd.	2016338383	Jetoptera, Inc.
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2016319785	Dana-Farber Cancer Institute, Inc.	2016340404	Komatsu Ltd.
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2016320764	Fisher & Paykel Healthcare Limited	2016342204	Hilti Aktiengesellschaft
2016320803	Case Western Reserve University	2016342205	Hilti Aktiengesellschaft
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2016321096	MAS Innovation (Private) Limited		
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2016343238 Telefonaktiebolaget LM Ericsson (publ)  
2016344468 Mustang Sampling, LLC  
2016346772 Dexcom, Inc.  
2016347044 E. I. du Pont de Nemours and Company  
2016347907 KBA-NotaSys SA  
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2017254956 MOVI Workspace Pty Ltd  
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2017281923 Colgate-Palmolive Company  
2017281926 Colgate-Palmolive Company  
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<b><u>A01C 1 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61G 10 /-</u></b>	2016327213 2016328303	<b><u>A61L 27 /-</u></b>
2016318769 2016320806	2017239528	2015412294 2015413796	2016303120		2015407889 2016311235
<b><u>A01D 34 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61G 3 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>A61L 29 /-</u></b>
2016335074	2016360519	2016314795	2016303120	2016275574 2016301970 2016303021 2016316202 2016316281 2016316811 2016324144 2016326449 2016332266 2016332725 2016333474 2016349937 2017222700	2016311235
<b><u>A01G 25 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61J 3 /-</u></b>		<b><u>A61L 31 /-</u></b>
2016329447	2016314014	2015408221 2016315693 2016317011 2016320987 2016327975	2016337502		2016311235
<b><u>A01G 7 /-</u></b>	<b><u>A23L 13 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61J 7 /-</u></b>		<b><u>A61M 1 /-</u></b>
2016321907	2016314014	2016342141	2016337502		2016299438 2016305091 2016310334 2016325396
<b><u>A01H 5 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61K 31 /-</u></b>		
2016332475	2016318112	2016310451	2016275574 2016301215 2016301745 2016302144 2016308080 2016308553 2016311235 2016314129 2016314547 2016314698 2016315360 2016315396 2016315761 2016317667 2016319107 2016319125 2016319785 2016323782 2016324144 2016324307 2016325663 2016326392 2016326449 2016326864 2016333721	<b><u>A61K 41 /-</u></b>	<b><u>A61M 11 /-</u></b>
<b><u>A01N 25 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A61B 34 /-</u></b>		2016312846 2016328549	2016329886
2016311235 2016318769 2016320806	2015405326	2016306654 2016315447 2016318099		<b><u>A61K 45 /-</u></b>	<b><u>A61M 15 /-</u></b>
<b><u>A01N 37 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 5 /-</u></b>		2016323782	2016329886
2016311235	2016353495	2015410851 2016310411 2016346772		<b><u>A61K 47 /-</u></b>	<b><u>A61M 16 /-</u></b>
<b><u>A01N 59 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 50 /-</u></b>		2016328549	2016320764
2016311235 2017301076	2016329886	2016315447 2016318099		<b><u>A61K 48 /-</u></b>	<b><u>A61M 37 /-</u></b>
<b><u>A01N 63 /-</u></b>	<b><u>A41D 1 /-</u></b>	<b><u>A61B 6 /-</u></b>		2016315025 2016324144 2016327213	2015408449
2016297929 2016318769 2016320806	2017235078	2016314173		<b><u>A61K 49 /-</u></b>	<b><u>A61M 5 /-</u></b>
<b><u>A01P 1 /-</u></b>	<b><u>A41D 15 /-</u></b>	<b><u>A61B 8 /-</u></b>		2016316774	2016308553 2016315634
2016323782	2017235078	2016315447 2016318099		<b><u>A61K 51 /-</u></b>	<b><u>A61N 1 /-</u></b>
<b><u>A01P 21 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 9 /-</u></b>		2016317082	2016318802 2016320803
2016318769 2016320806	2016312408	2016314173		<b><u>A61K 51 /-</u></b>	<b><u>A61P 1 /-</u></b>
<b><u>A01P 3 /-</u></b>	<b><u>A45F 5 /-</u></b>	<b><u>A61B 33 /-</u></b>		2016317082	2016315025
2016323782	2016325252	2016311235		<b><u>A61K 8 /-</u></b>	<b><u>A61P 13 /-</u></b>
<b><u>A23D 7 /-</u></b>	<b><u>A47B 21 /-</u></b>	<b><u>A61K 35 /-</u></b>		2016317844 2016318112 2016323967 2017281923 2017281926 2017281927	2016301745
2016360519	2017254956	2015411324 2016301195 2016318112 2016318961		<b><u>A61K 9 /-</u></b>	<b><u>A61P 19 /-</u></b>
<b><u>A23D 9 /-</u></b>	<b><u>A47F 13 /-</u></b>	<b><u>A61K 36 /-</u></b>		2016308553 2016312846 2016327213 2016328549	2016314775 2016319540
2016310503	2016308845	<b><u>A61K 38 /-</u></b>			<b><u>A61P 25 /-</u></b>
<b><u>A23F 5 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61K 38 /-</u></b>		2016312846 2016314129 2016315396 2016315761 2016324144 2016326689	
2015408238	2016315436 2016322559	2016306304 2016314775 2016315852 2016315889 2016319540 2016321832 2016324298 2016324307 2016326689		<b><u>A61L 2 /-</u></b>	
<b><u>A23G 1 /-</u></b>	<b><u>A47J 47 /-</u></b>	<b><u>A61F 5 /-</u></b>		2016323763	
2016310429	2015405326	<b><u>A61F 6 /-</u></b>		<b><u>A61L 24 /-</u></b>	<b><u>A61P 29 /-</u></b>
	2016303926	2016308363		2016313773	2016302144 2016325663

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<b><u>A61P 3 /-</u></b>	<b><u>A63B 57 /-</u></b>	<b><u>B08B 3 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B60R 9 /-</u></b>	<b><u>B63B 1 /-</u></b>
2016301745	2016310660 2016340062	2016324269	2016315829	2016321443	2016296002
<b><u>A61P 31 /-</u></b>	<b><u>A63B 59 /-</u></b>	<b><u>B21C 47 /-</u></b>	<b><u>B32B 1 /-</u></b>	<b><u>B60T 15 /-</u></b>	<b><u>B63B 17 /-</u></b>
2016316811 2016324298 2016324307	2016310660	2016308845	2016315591	2015408199	2015411917
<b><u>A61P 35 /-</u></b>	<b><u>A63B 69 /-</u></b>	<b><u>B21D 15 /-</u></b>	<b><u>B32B 25 /-</u></b>	<b><u>B60V 3 /-</u></b>	<b><u>B63G 8 /-</u></b>
2016275574 2016301195 2016303021 2016306304 2016314547 2016315025 2016317082 2016332266 2016333721	2016310660	2016362959	2016315591	2016296002	2016332501
<b><u>A61P 37 /-</u></b>	<b><u>A63F 5 /-</u></b>	<b><u>B21D 17 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B63H 21 /-</u></b>
2016301215 2016316281 2016318613 2016332266	2016326688	2016362959	2016315591 2016317368 2016320942	2016340062	2016332501
<b><u>A61P 43 /-</u></b>	<b><u>A63F 7 /-</u></b>	<b><u>B21H 1 /-</u></b>	<b><u>B32B 3 /-</u></b>	<b><u>B61G 3 /-</u></b>	<b><u>B64C 15 /-</u></b>
2016301745 2016319540	2016326688	2016362959	2016315591	2016326313	2016338383
<b><u>A61P 5 /-</u></b>	<b><u>B01D 17 /-</u></b>	<b><u>B23B 31 /-</u></b>	<b><u>B32B 37 /-</u></b>	<b><u>B61G 5 /-</u></b>	<b><u>B64C 21 /-</u></b>
2016319540	2016311458	2016308845	2016322079	2016326313	2016315450
<b><u>A61P 7 /-</u></b>	<b><u>B01D 19 /-</u></b>	<b><u>B24B 49 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B61L 11 /-</u></b>	<b><u>B64C 23 /-</u></b>
2016308553 2016316202	2016311458	2015407253	2016302931 2016315591	2016321764	2016315450
<b><u>A61P 9 /-</u></b>	<b><u>B01F 15 /-</u></b>	<b><u>B24D 13 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B61L 23 /-</u></b>	<b><u>B64C 29 /-</u></b>
2016314698	2015406757	2015407196	2016315591	2016321764	2016316954
<b><u>A61Q 11 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B24D 3 /-</u></b>	<b><u>B41F 16 /-</u></b>	<b><u>B61L 5 /-</u></b>	<b><u>B64C 3 /-</u></b>
2017281923 2017281926 2017281927	2016302548	2015407196	2016347907 2016347908	2016321764	2016316954
<b><u>A61Q 19 /-</u></b>	<b><u>B01F 5 /-</u></b>	<b><u>B27K 3 /-</u></b>	<b><u>B41F 19 /-</u></b>	<b><u>B61L 7 /-</u></b>	<b><u>B64C 39 /-</u></b>
2016323967	2016314147	2016330272	2016347907 2016347908	2016321764	2016315450
<b><u>A62B 35 /-</u></b>	<b><u>B01F 7 /-</u></b>	<b><u>B27K 5 /-</u></b>	<b><u>B41J 11 /-</u></b>	<b><u>B62B 7 /-</u></b>	<b><u>B64D 1 /-</u></b>
2016314035	2015406757	2016330272	2016321096	2016314780	2016298041
<b><u>A63B 37 /-</u></b>	<b><u>B01J 13 /-</u></b>	<b><u>B28B 11 /-</u></b>	<b><u>B41J 3 /-</u></b>	<b><u>B62D 23 /-</u></b>	<b><u>B64D 27 /-</u></b>
2016310660	2016317844	2016307249	2016321096	2016315829	2016315450 2016338383
<b><u>A63B 53 /-</u></b>	<b><u>B01J 2 /-</u></b>	<b><u>B28C 5 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B62D 65 /-</u></b>	<b><u>B64D 29 /-</u></b>
2016310660	2015408100	2015406757	2016312629	2016315829	2016338383
<b><u>A63B 55 /-</u></b>	<b><u>B01J 27 /-</u></b>	<b><u>B28C 7 /-</u></b>	<b><u>B60J 5 /-</u></b>	<b><u>B62J 11 /-</u></b>	<b><u>B64D 33 /-</u></b>
2016340062	2016316229	2015406757	2016315296	2016321443	2016315450
	<b><u>B01J 35 /-</u></b>	<b><u>B29C 43 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B62J 99 /-</u></b>	<b><u>B65D 1 /-</u></b>
	2016316229	2016322079	2016301118	2016321443	2016318424 2016320942
	<b><u>B01J 37 /-</u></b>	<b><u>B29C 51 /-</u></b>	<b><u>B60R 1 /-</u></b>	<b><u>B62K 13 /-</u></b>	<b><u>B65D 21 /-</u></b>
	2016316229	2016320942	2016340404 2016340405	2016321443	2016325252
	<b><u>B02C 17 /-</u></b>	<b><u>B29C 67 /-</u></b>	<b><u>B60R 11 /-</u></b>	<b><u>B62K 3 /-</u></b>	<b><u>B65D 25 /-</u></b>
	2016310419	2016315829	2016340405	2015330004	2016298041 2016314147
	<b><u>B02C 19 /-</u></b>	<b><u>B29C 70 /-</u></b>	<b><u>B62K 9 /-</u></b>	2015330004	<b><u>B65D 30 /-</u></b>
	2016308553	2016302931 2016322079	2016340405	2015330004	2016325593
	<b><u>B04C 3 /-</u></b>				
	2016314965				



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<b><u>B65D 33 /-</u></b>		<b><u>C07D 237 /-</u></b>				2016314698
2016310534	<b><u>C04B 28 /-</u></b>	2016324144	<b><u>C07F 13 /-</u></b>	<b><u>C08L 5 /-</u></b>		2016315025
2016325593	2016342204		2016306568	2016347044		2016316773
<b><u>B65D 35 /-</u></b>	2016342205	<b><u>C07D 239 /-</u></b>		2016351634		2016316811
	2016342207	2016323782	<b><u>C07F 15 /-</u></b>			2016316845
2016298041	<b><u>C04B 38 /-</u></b>	2016326392	2016306568	<b><u>C08L 61 /-</u></b>		2016317667
<b><u>B65D 47 /-</u></b>	2016318360	<b><u>C07D 257 /-</u></b>		2016330272		2016319540
	<b><u>C04B 40 /-</u></b>	2016323782	<b><u>C07F 7 /-</u></b>			2016324144
2016314147			2016301745	<b><u>C08L 97 /-</u></b>		2016327213
<b><u>B65D 5 /-</u></b>	2016313046	<b><u>C07D 305 /-</u></b>	<b><u>C07F 9 /-</u></b>	2016330272		2016332266
	2016318360	2016326392	2016322374	<b><u>C09D 105 /-</u></b>		2016333474
2016323648	2016342204					<b><u>C12N 5 /-</u></b>
2016325593	2016342205	<b><u>C07D 401 /-</u></b>	<b><u>C07H 1 /-</u></b>	2016318769		2016306304
	2016342207	2016301745	2016322374	2016320806		2016314768
<b><u>B65D 63 /-</u></b>	<b><u>C07B 51 /-</u></b>	2016302144		2016347044		2016318762
2016321443		2016315360	<b><u>C07H 19 /-</u></b>	<b><u>C09D 11 /-</u></b>		2016318961
<b><u>B65D 65 /-</u></b>	2016314129	2016319125	2016322374	2016321811		2016319540
	<b><u>C07B 61 /-</u></b>	2016326864		<b><u>C09D 129 /-</u></b>		<b><u>C12N 9 /-</u></b>
2016320942		<b><u>C07D 403 /-</u></b>	<b><u>C07H 21 /-</u></b>	2016347044		2016316845
<b><u>B65D 71 /-</u></b>	2016316229	2016301745	2016316281	<b><u>C09D 131 /-</u></b>		2016321832
	<b><u>C07C 1 /-</u></b>	2016315396		2016347044		2016323985
2016325252		2016319125	<b><u>C07K 14 /-</u></b>	<b><u>C09D 131 /-</u></b>		2016327213
<b><u>B65D 75 /-</u></b>	2016325487	<b><u>C07D 405 /-</u></b>	2016303021	2016347044		2016332475
	<b><u>C07C 211 /-</u></b>	2016301745	2016319540	<b><u>C09D 5 /-</u></b>		<b><u>C12P 19 /-</u></b>
2016325593		2016302144	2016321832	2016321811		2016351634
<b><u>B65D 77 /-</u></b>	2016323763	2016302144	2016323985			<b><u>C12P 21 /-</u></b>
	<b><u>C07C 309 /-</u></b>	2016326392	2016327213	2016321811		2016316281
2016325593		<b><u>C07D 409 /-</u></b>	2016332266	<b><u>C09D 7 /-</u></b>		2017222700
<b><u>B65D 81 /-</u></b>	2016319107	2016349937	2016349937	2016321811		<b><u>C12Q 1 /-</u></b>
	<b><u>C07C 311 /-</u></b>	2016302144	<b><u>C07K 16 /-</u></b>	<b><u>C09F 5 /-</u></b>		2016305103
2016298041		<b><u>C07D 413 /-</u></b>	2016301195	2016308080		2016305927
<b><u>B65F 1 /-</u></b>	2016314547	2016301745	2016301970			2016306093
	<b><u>C07C 4 /-</u></b>	2016302144	2016306304	<b><u>C09K 8 /-</u></b>		2016306304
2016310534		<b><u>C07D 417 /-</u></b>	2016316202	2015408100		2016312177
<b><u>B65H 75 /-</u></b>	2016325487	2016316730	2016316281	2015414720		2016315467
	<b><u>C07C 55 /-</u></b>	2016326449	2016316730	<b><u>C10G 1 /-</u></b>		2016316773
2016308845		2016326689	2016326449	2016325487		2016324144
<b><u>C01F 11 /-</u></b>	2016323763	2016332725	2016326689			2016332475
	<b><u>C07C 67 /-</u></b>	2016333510	2016332725	<b><u>C11B 3 /-</u></b>		<b><u>C12R 1 /-</u></b>
2016302548		<b><u>C07D 471 /-</u></b>	2016333510	2016310503		2016297929
<b><u>C01F 17 /-</u></b>	2016316229	2016302144	<b><u>C07K 17 /-</u></b>			2016314014
	<b><u>C07C 69 /-</u></b>	201630264	2016333474	<b><u>C12N 1 /-</u></b>		2016315025
2016315207		2016333721	2017222700	2016297929		2016318112
<b><u>C02F 1 /-</u></b>	2016316229	<b><u>C07D 475 /-</u></b>	<b><u>C07K 19 /-</u></b>	2016314014		2016318769
	<b><u>C07C 9 /-</u></b>	2016326392	2016316202	2016315025		2016320806
2016299256		<b><u>C07D 487 /-</u></b>	2016319540	2016318769		<b><u>C22B 1 /-</u></b>
2017274710	2016325487	2017222700	2016333474	2016320806		2016315207
<b><u>C03B 19 /-</u></b>	<b><u>C07D 213 /-</u></b>	2016301215	2017222700	2016328303		<b><u>C22B 3 /-</u></b>
		2016319785	<b><u>C07K 7 /-</u></b>	<b><u>C12N 11 /-</u></b>		2016315207
2015408100	2016330264	2016326392	2016316774	2016318769		<b><u>C22B 59 /-</u></b>
<b><u>C04B 103 /-</u></b>	<b><u>C07D 215 /-</u></b>	2016333721	<b><u>C08B 37 /-</u></b>	2016320806		2016315207
		<b><u>C07D 495 /-</u></b>	2016351634	<b><u>C12N 15 /-</u></b>		<b><u>C25D 21 /-</u></b>
2016342205	2016302144	2016319785	<b><u>C08J 5 /-</u></b>	2016306093		2016316565
<b><u>C04B 111 /-</u></b>	<b><u>C07D 223 /-</u></b>	2016306568	2016302931	2016306304		
		<b><u>C07F 1 /-</u></b>				
2016342204	2016314129					
2016342205						
2016342207						

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<b><u>C25D 3 /-</u></b>	2016340405	<b><u>E05B 3 /-</u></b>		2016303796	<b><u>G01L 11 /-</u></b>
2016316565	<b><u>E02F 9 /-</u></b>	2016314776	<b><u>E21B 47 /-</u></b>		
<b><u>C25D 5 /-</u></b>	2016340405	2016314777	2015412224	<b><u>F16K 27 /-</u></b>	2016303356
2016316565	<b><u>E03C 1 /-</u></b>	<b><u>E05B 55 /-</u></b>	2016285116	2016302065	<b><u>G01L 19 /-</u></b>
<b><u>D01F 9 /-</u></b>	2016303926		2016316560	<b><u>F16K 31 /-</u></b>	2016299573
2016351634	<b><u>E03F 5 /-</u></b>	2016314777	<b><u>E21B 49 /-</u></b>	2015410656	<b><u>G01N 1 /-</u></b>
<b><u>D04H 1 /-</u></b>	2016303926	<b><u>E05B 63 /-</u></b>	2015412224	2016303796	2016310419
2016351634	<b><u>E04B 1 /-</u></b>	2016314776	<b><u>E21B 7 /-</u></b>	<b><u>F16L 13 /-</u></b>	2016344468
<b><u>D04H 3 /-</u></b>	2016314142	2016314777	2016334101	2016319715	2016389021
2016351634	<b><u>E04C 5 /-</u></b>	<b><u>E05C 1 /-</u></b>	<b><u>E21C 37 /-</u></b>	<b><u>F16L 3 /-</u></b>	<b><u>G01N 11 /-</u></b>
<b><u>D05B 63 /-</u></b>	2015407931	2016314777	2015407253	2016326313	2016316560
2016392328	<b><u>E04D 1 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F16L 53 /-</u></b>	<b><u>G01N 21 /-</u></b>
<b><u>D05B 87 /-</u></b>	2016307249	2016310555	2016342207	2016311297	2016300166
2016392328	<b><u>E04D 3 /-</u></b>	2016316819	<b><u>E21D 21 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>G01N 24 /-</u></b>
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2016316285	<b><u>E04F 15 /-</u></b>	2016301098	<b><u>F01P 5 /-</u></b>	<b><u>F16M 13 /-</u></b>	<b><u>G01N 33 /-</u></b>
2016324269	2016322079	<b><u>E06B 9 /-</u></b>	2016332501	2016318199	2016305927
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2016316285	2016299573	2016301098	2016315450	2016315436	<b><u>G01R 33 /-</u></b>
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2016324269	<b><u>E04H 12 /-</u></b>	2017291750	2016315450	2016315436	2016313944
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2016317899	<b><u>E04H 15 /-</u></b>	2016316560	<b><u>F02M 37 /-</u></b>	2015410544	2016312965
2016324269	2015413334	2016316563	2015407253	<b><u>F25D 23 /-</u></b>	<b><u>G02B 27 /-</u></b>
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2016317514	2016322794	2016322698	2016310414	<b><u>F41G 1 /-</u></b>	2016378555
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<b><u>D21H 19 /-</u></b>	2016303120	2016316560	<b><u>F16B 13 /-</u></b>	2016299573	2016314795
2016347044	<b><u>E04H 9 /-</u></b>	2017291750	2016342207	<b><u>G01D 5 /-</u></b>	<b><u>G02B 6 /-</u></b>
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2015407931	2016314778	2016311297	<b><u>F16B 43 /-</u></b>	<b><u>G01F 15 /-</u></b>	2015412899
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2015413369	2016300179 2016322783	2016311297	2015404416 2015417837	2016315741
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2016340062	2016346772	2016298390 2016329220	2016315666	
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2016346772	2016378555	2016313254	2016340404	
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2015404416 2016317736 2016322783	2016313961 2016314782 2016318139	2016313254	2016318802	
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2015413369 2016316845 2016330780 2016346772	2016337502	2016318199	2016313610	
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2016318066	2016315475	2016298390	2016369273	
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2015413334	2016317839	2016332501	2016313610	
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2016310451	2016313254	2016307884	2016343238	
<b><u>G06N 3 /-</u></b>	<b><u>G09G 5 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 76 /-</u></b>	
2015413368	2016340404	2016343238	2016313610 2016369273	
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**B65D 25/14** ( 2006.01 )  
**C03C 17/30** ( 2006.01 )  
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**C03C 17/42** ( 2006.01 )  
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**B01J 35/00** ( 2006.01 )
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*C08K 3/00* ( 2006.01 )  
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**C11D 7/12** ( 2006.01 )  
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**A61Q 5/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A47L 15/50** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(71)** Empire Technology Development LLC  
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**G01N 33/12** ( 2006.01 )  
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**A61K 31/17** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
**A61K 49/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(31)** 61/726,991                      **(32)** 15.11.12 **(33)** US  
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**(54)** Substituted benzene compounds  
**(51)** Int. Cl.  
**C07D 213/50** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
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**C07D 413/14** ( 2006.01 )  
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**(31)** 61/780,703                      **(32)** 13.03.13 **(33)** US  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ethicon Endo-Surgery, Inc.  
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**(54)** Electromechanical surgical device with signal relay arrangement  
**(51)** Int. Cl.  
**A61B 17/072** ( 2006.01 )  
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 H01M 8/06 ( 2006.01 )  
 H01M 8/14 ( 2006.01 )  
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 G01V 99/00 ( 2009.01 )  
 G06F 17/50 ( 2006.01 )  
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 F02C 3/34 ( 2006.01 )  
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 F23R 3/28 ( 2006.01 )  
 F23C 9/00 ( 2006.01 )  
 F23D 14/58 ( 2006.01 )  
 F23K 5/00 ( 2006.01 )  
 F23L 7/00 ( 2006.01 )  
 F23R 3/40 ( 2006.01 )  
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 G01N 33/82 ( 2006.01 )  
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 (54) Suggested terms for ambiguous search queries  
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 A61G 1/02 ( 2006.01 )  
 A61G 1/056 ( 2006.01 )  
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 B23K 26/352 ( 2014.01 )  
 B65D 90/36 ( 2006.01 )  
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 (51) Int. Cl.  
**A61M 16/16** ( 2006.01 )  
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 jau, Mahrnan Maumoon; Patel, Sanjay  
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**A61M 16/00** ( 2006.01 )  
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**A61M 16/16** ( 2006.01 )  
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 portion and a rolling hinge  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
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 (51) Int. Cl.  
**A63B 1/00** ( 2006.01 )  
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**A01N 43/80** ( 2006.01 )  
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**G01R 31/40** ( 2006.01 )  
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 atus and method of setting an extracor-  
 poreal blood treatment  
 (51) Int. Cl.  
**A61M 1/16** ( 2006.01 )

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 Nepote-Vesino, David  
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 (54) Extracorporeal blood treatment appar-  
 atus with reservoir status lights  
 (51) Int. Cl.  
**A61M 1/14** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )  
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 Upstream Research Company**  
 (21) 2013337667

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 (21) 2016201449 (22) 04.03.2016  
 (54) ENCODING AND DECODING USING  
 PERCEPTUAL REPRESENTATIONS  
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**H04N 19/00** ( 2014.01 )  
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 methods of using the same  
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 geogrid  
 (51) Int. Cl.

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**(72)** Halahmi, Izhar; Erez, Oded; Kief, Offer Avraham Zvi  
**(74)** IP Gateway Patent and Trade Mark Attorneys Pty Ltd

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**(54)** Antiviral compounds  
**(51)** Int. Cl.  
**C07D 493/06** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
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**(31)** 62/011,155 **(32)** 12.06.14 **(33)** US  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(54)** Novel compounds  
**(51)** Int. Cl.  
**C07D 241/04** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
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**(31)** PCT/ CN2014/000540 **(32)** 28.05.14 **(33)** CN  
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**(44)** 22.03.2018  
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**(74)** Davies Collison Cave Pty Ltd

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**(54)** COMPOSITION  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Google LLC  
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**(21)** 2015217150 **(22)** 11.02.2015  
**(54)** Energy-efficient location determination  
**(51)** Int. Cl.  
**G01S 5/02** ( 2006.01 )  
**G01S 1/04** ( 2006.01 )  
**G01S 1/06** ( 2006.01 )  
**G01S 1/68** ( 2006.01 )  
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**(72)** Scellato, Salvatore; Stuttle, Matthew Nicholas; Thota, Chandrasekhar  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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**(21)** 2017200380 **(22)** 19.01.2017  
**(54)** NAVIGATION QUERIES  
**(51)** Int. Cl.  
**G06F 17/30** ( 2006.01 )  
**(43)** 09.02.2017  
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**(72)** LeBeau, Michael J.; Jitkoff, John Nicholas; Cavelie, Ole; Ito, Keith  
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**(54)** A marine cleaning system  
**(51)** Int. Cl.  
**B63B 59/08** ( 2006.01 )  
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**(72)** Dyhrberg, Roger Wayne Richard  
**(74)** Griffith Hack

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**(11)** AU-B-2013213676  
**(21)** 2013213676 **(22)** 06.08.2013  
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**(51)** Int. Cl.  
**A43B 3/12** ( 2006.01 )  
**A43B 3/10** ( 2006.01 )  
**(31)** BR102012 019839-8 **(32)** 08.08.12 **(33)** BR  
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**(72)** Ademir, CANEI  
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**(54)** Optical shaft twist angle measurement methods and systems  
**(51)** Int. Cl.  
**G01L 3/08** ( 2006.01 )  
**E21B 12/00** ( 2006.01 )  
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**(72)** Gajji, Bhargav; Bhaidasna, Ketan Chimanlal  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2014404403  
**(21)** 2014404403 **(22)** 28.08.2014  
**(54)** Proppant suspension in hydraulic fracturing  
**(51)** Int. Cl.  
**C09K 8/62** ( 2006.01 )  
**C09K 8/80** ( 2006.01 )  
**E21B 43/22** ( 2006.01 )  
**(87)** WO2016/032478  
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**(74)** Phillips Ormonde Fitzpatrick

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**(11)** AU-B-2014407118  
**(21)** 2014407118 **(22)** 25.09.2014  
**(54)** Composition including a curable resin and organophilically-modified clay for subterranean oil well applications  
**(51)** Int. Cl.  
**C09K 8/44** ( 2006.01 )  
**(87)** WO2016/048332  
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**(51)** Int. Cl.  
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**B41J 2/175** ( 2006.01 )  
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*G06G 7/48* (2006.01)  
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*A61K 31/351* ( 2006.01 )  
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**B32B 5/18** ( 2006.01 )  
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 ThyssenKrupp Industrial Solutions AG  
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*A61K 31/495* ( 2006.01 )  
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*E21B 23/02* ( 2006.01 )  
*E21B 23/03* ( 2006.01 )  
*E21B 34/14* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
*E21B 43/12* ( 2006.01 )  
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*G01M 3/20* ( 2006.01 )  
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*A61B 8/08* ( 2006.01 )  
*A61B 5/055* ( 2006.01 )  
*A61B 6/03* ( 2006.01 )  
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*G06K 17/00* ( 2006.01 )  
*A63H 3/33* ( 2006.01 )  
*G06F 3/03* ( 2006.01 )  
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*G06K 7/10* ( 2006.01 )  
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*E04F 13/075* ( 2006.01 )  
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*C02F 1/467* ( 2006.01 )  
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2012268845	IGT	2014202118	Thew & McCann Pty Ltd
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2012311296	Aseptika Ltd	2014202496	Dow Global Technologies LLC; Rohm and Haas Company
2012317494	Nisshin Steel Co., Ltd.	2014203087	ASSA ABLOY Australia Pty Limited
2012318371	Sequenom, Inc.	2014203992	Meso Scale Technologies, LLC
2012324531	Council of Scientific and Industrial Research (C.S.I.R.)	2014204880	BSN medical GmbH
2012338908	F. Hoffmann-La Roche AG	2014207839	Aragon Pharmaceuticals, Inc.
2012350229	Institut Pasteur	2014212122	Kelso, J.
2012351977	The Board of Trustees of the Leland Stanford Junior University	2014215730	Vahlstrom, O.
2012396914	Electrolux Home Products Corporation N. V.	2014216530	Corning Optical Communications LLC
2013205844	Metalfarm (Dannevirke) Limited	2014218748	Stryker Corporation
2013206004	Depuy Ireland Unlimited Company	2014221144	RSEM, Limited Partnership
2013213676	GRENDENE S.A.	2014224619	Water-Jel Europe LLP
2013231972	Salk Institute for Biological Studies	2014225992	Allergan, Inc.
2013232848	Fisher & Paykel Healthcare Limited	2014226140	Cummins Filtration IP, Inc.
2013234880	Documotion Research, Inc.	2014226427	Ethicon Endo-Surgery, Inc.
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2013251312	Millennium Pharmaceuticals, Inc.	2014228626	CareFusion 303, Inc.
2013259276	Bioatla LLC	2014229794	NeemCo Limited
2013263784	Lucas, D.; Meates, J.	2014232882	HYCOR Biomedical, Inc.
2013264779	arGEN-X N.V.	2014233524	The Coca-Cola Company
2013267051	Swiss Timing Ltd	2014235197	ExxonMobil Research and Engineering Company
2013271375	THE JOHNS HOPKINS UNIVERSITY; Aduro BioTech	2014236413	Hunter Douglas Inc.
2013276273	Softcell Medical Limited	2014237600	Janssen Pharmaceutica NV
2013281354	Fisher & Paykel Healthcare Limited	2014237804	Optimedica Corporation
2013285488	UCB Pharma S.A.	2014239597	Gambro Lundia AB
2013294718	Coswell S.p.A.	2014239881	Mars, Incorporated
2013302526	The University of Chicago	2014240782	Tata Motors Limited
2013304358	Johnson & Johnson Medical GmbH	2014245858	CETO IP Pty Ltd
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2013311596	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft	2014249335	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
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2013322199	Gambro Lundia AB	2014254272	Qualcomm Incorporated
2013322559	Fabentech	2014255683	Linde Aktiengesellschaft
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2013331380	Epizyme, Inc.	2014259679	Metrobotics Corporation
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2013332513	Fisher & Paykel Healthcare Limited	2014262897	Decharms, C.
2013336331	Limacorporate Spa	2014263290	Proteh Sp. z o.o.
2013337667	ExxonMobil Upstream Research Company; General Electric Company	2014264103	Sichuan Haisco Pharmaceutical Co., Ltd.
2013337693	ExxonMobil Upstream Research Company	2014268603	President and Fellows of Harvard College
2013340034	Kitz Corporation	2014268763	Qualcomm Incorporated
2013344778	Endocyte, Inc.	2014268936	Corning Optical Communications LLC
2013345494	BIAL - Portela & Ca, S.A.	2014269390	Dyflex Corporation
2013346557	Scott Health & Safety Limited	2014272817	Futech
2013350311	The University of Sydney	2014277621	OD Tech Pty Limited
2013350312	Tissue Therapies Limited	2014277802	Solentanche Freyssinet
2013351062	Max-Delbruck-Centrum für Molekulare Medizin (MDC) Berlin-Buch	2014280335	BASF SE
2013354562	Komatsu Mining Germany GmbH	2014282782	The University of Nottingham
2013355124	Vertex Pharmaceuticals Incorporated	2014282899	Mazzer Luigi S.p.A.
2013359958	Broderick, J.; Broderick, M.	2014284105	Rowling, D.L.
2013360016	Sandvik Intellectual Property AB	2014287863	Pap Limited
2013361551	The Regents of the University of California	2014289085	Debled, A.
2013363247	Parion Sciences, Inc.	2014289215	Polytech GmbH
2013363957	Celgene Quanticel Research, Inc.	2014291752	Danstar Ferment AG; Federal University of Lavras
2013365956	Koninklijke Philips N.V.	2014291817	Reckitt Benckiser (Brands) Limited
2013384372	Wilco AG	2014291934	Stora Enso Oyj
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2014305639	Kouris, P.	2015274863	Gilead Sciences, Inc.
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2014326302	Geotech Technologies Ltd.	2015298873	Welltec A/S
2014326508	Skulle Implants Oy	2015299734	Rosenbauer International AG
2014326809	Polycase Ammunition, LLC	2015304207	LG Electronics Inc.
2014327236	Addex Pharma S.A.	2015309371	Ustav Organicke Chemie A Biochemie Av Cr, V.v.i.; Fyziologicky Ustav Av Cr, V.v.i.
2014328868	Bos Konstruktie- en Machinebouw B.V.	2015322263	Samsung Electronics Co., Ltd.
2014342769	Dow Global Technologies LLC	2015323566	Novabiotics Limited
2014342771	Dow Global Technologies LLC	2015324004	Amazon Technologies, Inc.
2014342939	Conagen Inc.	2015335025	Arysta LifeScience Benelux SPRL
2014343239	Sun Pharmaceutical Industries Limited	2015335554	Wuxi Hisky Medical Technologies Co., Ltd.
2014343875	Nestec S.A.	2015336959	Symbol Technologies, LLC
2014344915	Kuraray Co., Ltd.	2015338996	Exxonmobil Upstream Research Company
2014344917	IHI Corporation	2015346257	Fluidity Enterprises, Inc.
2014346807	Antecip Bioventures II LLC	2015347043	Eli Lilly and Company
2014352632	Institutt For Energiteknikk; Logined B.V.	2015347306	Ferno-Washington, Inc.
2014367274	Orbital Systems AB	2015350295	MasterCard International Incorporated
2014368766	BASF SE	2015377025	China University of Mining and Technology
2014373927	Genomatix; The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	2015380501	Halliburton Energy Services, Inc.
2014375347	Chemische Fabrik Budenheim KG	2015381305	August Ruggeberg GmbH & Co. KG
2014380921	Kupferberg, R.	2015382334	Omega Ophthalmics LLC
2014392651	Empire Technology Development LLC	2015382468	Halliburton Energy Services, Inc.
2014398594	Tapp Technologies, LLC	2015383066	China University of Mining and Technology; Dongnan Elevator Co. Ltd
2014400365	Jay-Nik Pty Ltd	2015384820	Halliburton Energy Services, Inc.
2014402532	Halliburton Energy Services, Inc.	2015386680	Novoluto GmbH
2014404403	Halliburton Energy Services, Inc.	2015388821	China University of Mining and Technology
2014406825	Zhejiang ZhenShen Insulation Technology Corporation Limited	2015392082	Hewlett-Packard Development Company, L.P.
2014407118	Halliburton Energy Services, Inc.	2015392084	Hewlett-Packard Development Company, L.P.
2014408285	Facebook, Inc.	2016200073	The Sy-Klone Company
2014411388	Halliburton Energy Services, Inc.	2016200077	ROBINSON, J.
2014412841	Halliburton Energy Services, Inc.	2016200480	Husqvarna AB
2014413973	Halliburton Energy Services, Inc.	2016200759	Snap-on Incorporated
2014414820	Colgate-Palmolive Company	2016200925	Stokely-Van Camp, Inc.
2014415569	Halliburton Energy Services, Inc.	2016201303	Apple Inc.
2014415591	Halliburton Energy Services, Inc.	2016201449	General Instrument Corporation
2014415645	Halliburton Energy Services, Inc.	2016201936	Oy Halton Group Ltd.
2015200000	Morris Industries Ltd.	2016201936	Camurus AB
2015204927	Dolby Laboratories Licensing Corporation	2016202156	Dolby Laboratories Licensing Corporation
2015206377	Zodiac Pool Systems, Inc.	2016202227	Sourcecode Technology Holdings, Inc
2015206791	Johnson & Johnson Vision Care, Inc.	2016202239	GlaxoSmithKline LLC
2015217150	Google LLC	2016202513	i2r Medical Limited
2015218838	FMC Corporation	2016202642	LEE, S.G.
2015220990	BASF SE	2016202920	United States Postal Service
2015227248	Avery Dennison Corporation	2016203311	PepsiCo, Inc.
2015227284	Valent U.S.A. Corporation	2016203369	W. L. Gore & Associates, Inc.
2015237896	Lucchini RS S.p.A.	2016203371	W. L. Gore & Associates, Inc.
2015243058	Yoshida, K.	2016203427	DSM IP Assets B.V.
2015246500	National Institute of Biological Sciences, Beijing	2016203615	Apple Inc.
2015249186	Baxalta GmbH; Baxalta Incorporated	2016203708	Ecolab USA Inc.
2015250039	Theraly Pharmaceuticals Inc.	2016204070	Nicira, Inc.
2015254182	Sekisui Chemical Co., Ltd.	2016204445	Amicus Therapeutics, Inc.
2015255045	Batmark Limited	2016204464	Acorda Therapeutics, Inc.
2015259363	Tyco Fire And Security GmbH	2016204652	AMARIN PHARMACEUTICALS IRELAND LIMITED
2015264053	MasterCard International Incorporated	2016204680	T2 Biosystems, Inc.
2015264360	D and D Manufacturing	2016204700	Foresight Biotherapeutics, Inc.
2015264620	3M Innovative Properties Company	2016208337	PERSONAL GENOMICS, INC.
2015264936	Boston Scientific Scimed, Inc.	2016208388	Word Diamonds LLC
		2016211890	The General Hospital Corporation
		2016213775	iCeutica Pty Ltd
		2016213866	Bella Technologies, LLC

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2016213881 Otsuka Pharmaceutical Co., Ltd.  
2016216672 Bayer Healthcare LLC  
2016219558 Blackhawk Network, Inc.  
2016222368 Adaptive Spectrum and Signal Alignment Inc.  
2016222483 Riondato, F.M.D.  
2016222520 Merial, Inc.  
2016222781 Colgate-Palmolive Company; Omron Healthcare Co., Ltd.  
  
2016225861 SUPERCELL OY  
2016226588 Micro Motion, Inc.  
2016228203 Comrie, D.C.  
2016228238 Otis Elevator Company  
2016228299 Novartis AG  
2016231557 Covidien LP  
2016231623 Amitech Therapeutic Solutions, Inc.  
2016238971 Apple Inc.  
2016241257 Nisshin Steel Co., Ltd.  
2016244337 Lexmark International, Inc.  
2016247214 Corning Incorporated  
2016250320 The Boeing Company  
2016259381 Northrop Grumman Systems Corporation  
2016266354 Daikin Industries, Ltd.; Daikin Europe N.V.  
2016283630 Otsuka Pharmaceutical Factory, Inc.  
2016285191 LG Electronics Inc.  
2016291155 Diebold Nixdorf, Incorporated  
2016294449 CrossRoads Extremity Systems, LLC  
2016294630 Shenzhen Skyworth-RGB Electronic Co., Ltd  
2016307009 DSI Getränkearmaturen GmbH  
2016319146 NEC Platforms, Ltd.  
2016418251 Northquip Inc.  
2017200130 Ecolab USA Inc.  
2017200316 Uber Technologies, Inc.  
2017200341 Facebook, Inc.  
2017200380 Google LLC  
2017200409 Averett, D.; Averett, S.  
2017200589 Covidien LP  
2017201232 Apogenix AG  
2017201510 Samsung Electronics Co., Ltd.  
2017202576 Apple Inc.  
2017202578 Covidien LP  
2017202902 SiGNa Chemistry, Inc.  
2017203384 Samsung Electronics Co., Ltd.  
2017203892 Halliburton Energy Services, Inc.  
2017210584 Huawei Technologies Co., Ltd.  
2017221850 Rise Form Pty Ltd.  
2017261460 Tsai, Y.  
2017265009 Shanghai Aodian Hardware & Mechanism Co., Ltd  
2017268552 Iridium Medical Technology Co., Ltd.

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2015200000	2014229794 2014291752	<b><u>A61B 17 /-</u></b>	<b><u>A61F 9 /-</u></b>		
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2016200480	2014229794	2014226427 2015264936 2016200077 2016203369 2016203371 2016231557 2016294449	<b><u>A61G 1 /-</u></b>  2015347306		
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2014284105	2014291752	<b><u>A23L 13 /-</u></b>	<b><u>A61H 23 /-</u></b>  2015386680		
<b><u>A01K 15 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A61B 18 /-</u></b>		<b><u>A61K 45 /-</u></b>	<b><u>A61M 35 /-</u></b>  2016283630
2016418251	2014229794	2017200589 2017202578	<b><u>A61H 9 /-</u></b>  2015386680	2014207839	
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2016213866	2015268417	2014249335	2013271375 2013305634 2013331380 2013344778 2013345494 2013350311 2013355124 2013363247 2014207839 2014221144 2014225992 2014237600 2014247145 2014249535 2014262326 2014264103 2014292888 2014294997 2014302252 2014327236 2014343239 2014346807 2015246500 2015267909 2015274863 2015309371 2015323566 2015347043 2016202513 2016204445 2016204464 2016213775 2016213881 2016228299 2016231623	2014207839 2014343239 2015249186 2016202156	<b><u>A61M 5 /-</u></b>  2014400365
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2014291817	2015268417	2017202578	2013276273 2014249335 2015335554 2016213866	<b><u>A61K 48 /-</u></b>	
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2014291817	2015268417	2015335554	<b><u>A61B 8 /-</u></b>	<b><u>A61K 49 /-</u></b>	
<b><u>A01N 27 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 8 /-</u></b>	<b><u>A61B 8 /-</u></b>	2013323596	<b><u>A61P 1 /-</u></b>  2015246500 2015250039
2015335025	2015255045	2015335554 2017202578	2014262326 2014264103 2014292888 2014294997 2014302252 2014327236 2014343239 2014346807 2015246500 2015267909 2015274863 2015309371 2015323566 2015347043 2016202513 2016204445 2016204464 2016213775 2016213881 2016228299 2016231623	<b><u>A61K 51 /-</u></b>	<b><u>A61K 51 /-</u></b>  2013323596
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2016204700	2016202643	2016222781	<b><u>A43B 3 /-</u></b>	<b><u>A61K 8 /-</u></b>	
<b><u>A01N 43 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61D 1 /-</u></b>	<b><u>A43B 3 /-</u></b>	2013294718 2014249753 2015274990	<b><u>A61P 13 /-</u></b>  2014302252
2014292888 2014307435 2015218838 2015227284 2016204445	2015299734	2016213866	2013213676	<b><u>A61K 9 /-</u></b>	<b><u>A61P 15 /-</u></b>  2014302252
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<b><u>A01P 1 /-</u></b>	<b><u>A46B 9 /-</u></b>	2014204880	2014414820	2014313412	<b><u>A61P 19 /-</u></b>  2015267909
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2014307435	2013311631 2014282899	2013304358 2013336331 2013361551 2014218748 2014237804 2014326508 2015382334 2016203369	<b><u>A47K 3 /-</u></b>	<b><u>A61M 1 /-</u></b>	
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<b><u>A23B 4 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A47L 9 /-</u></b>	2012396914 2015304207		
2015268417	2012396914 2015304207	<b><u>A47L 9 /-</u></b>			
<b><u>A23G 3 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61B 1 /-</u></b>	2013304358 2013336331 2013361551 2014218748 2014237804 2014326508 2015382334 2016203369		
2014342939	2015322263				
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2014225992			<b><u>B25J 17 /-</u></b>	2013234880	<b><u>B66C 17 /-</u></b>
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2014262326 2016213775	2015274990	2014313412 2014314640	<b><u>B25J 19 /-</u></b>	<b><u>B60B 17 /-</u></b>	2015295620
<b><u>A61P 3 /-</u></b>	<b><u>A62B 17 /-</u></b>	<b><u>B02C 4 /-</u></b>	2015295482 2015322263	<b><u>B60B 35 /-</u></b>	2016203311 2016307009
2014237600 2014249535	2016202643	2013320199	<b><u>B25J 9 /-</u></b>	2015237896	<b><u>C01B 25 /-</u></b>
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2014294997 2014302252 2015274863 2015323566	2013346557	2013205844	<b><u>B26F 1 /-</u></b>	2014240782	<b><u>C01B 3 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>A62B 5 /-</u></b>	<b><u>B05B 17 /-</u></b>	2014239881	<b><u>B62J 1 /-</u></b>	2014235197
2013271375 2013323596 2013331380 2013344778 2013350311 2013350312 2013355124 2014207839 2014262326 2014302252 2015246500 2015347043 2016213881 2016231623	2016202643	2013205844	<b><u>B27G 13 /-</u></b>	2016222483	<b><u>C02F 1 /-</u></b>
	<b><u>A62D 5 /-</u></b>	<b><u>B05B 7 /-</u></b>	2015381305	<b><u>B63B 59 /-</u></b>	2014302015 2015206377 2015264360
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	2015346257	<b><u>B07B 1 /-</u></b>	2014344915	<b><u>B63H 9 /-</u></b>	<b><u>C02F 103 /-</u></b>
	<b><u>A63H 3 /-</u></b>	2014301397	<b><u>B28B 3 /-</u></b>	2014289085	2014302015 2015206377
	2015243058	<b><u>B08B 1 /-</u></b>	2014344915	<b><u>B65B 1 /-</u></b>	<b><u>C03B 23 /-</u></b>
	<b><u>B01D 1 /-</u></b>	2014311982	<b><u>B28B 7 /-</u></b>	2013346557	2014263290
	2015264360	<b><u>B08B 9 /-</u></b>	2014287863	<b><u>B65B 3 /-</u></b>	<b><u>C03C 17 /-</u></b>
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<b><u>A61Q 11 /-</u></b>	<b><u>B01J 31 /-</u></b>	<b><u>B25B 27 /-</u></b>	2014380921	<b><u>B66B 5 /-</u></b>	<b><u>C05D 9 /-</u></b>
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			2014202496	<b><u>C12P 17 /-</u></b>	2016285191
2015309371	2014262326	2014291934	2014342769	2014227811	<b><u>D06F 57 /-</u></b>
<b><u>C07C 305 /-</u></b>	2014302252	<b><u>C08B 37 /-</u></b>	2014342771	<b><u>C12P 19 /-</u></b>	2017265009
	2014307435		<b><u>C08L 9 /-</u></b>	2014227811	
2015309371	2014327236	2014247145	2014368766	<b><u>C12P 23 /-</u></b>	2014291934
<b><u>C07C 43 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08F 212 /-</u></b>		2014227811	<b><u>D21C 9 /-</u></b>
			<b><u>C08L 95 /-</u></b>	2014342939	
2014264103	2013355124	2014368766	2014368766	<b><u>C12P 33 /-</u></b>	2014291934
<b><u>C07C 55 /-</u></b>	2014262326	<b><u>C08F 236 /-</u></b>	<b><u>C09C 1 /-</u></b>	2014227811	<b><u>D21H 11 /-</u></b>
	2014307435		2013294718	<b><u>C12P 5 /-</u></b>	
2015309371	<b><u>C07D 493 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C09D 175 /-</u></b>	2014227811	<b><u>E01C 3 /-</u></b>
<b><u>C07D 207 /-</u></b>			2014269390	<b><u>C12P 7 /-</u></b>	2014291934
	2015274863	<b><u>C08G 71 /-</u></b>	2014269390	2016247214	<b><u>E02B 9 /-</u></b>
2014237600	<b><u>C07H 19 /-</u></b>		<b><u>C09D 195 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2014245858
2014294997		2014269390	2014269390	2012307299	<b><u>E02F 3 /-</u></b>
<b><u>C07D 213 /-</u></b>	<b><u>C07J 1 /-</u></b>	2014342771	<b><u>C09D 179 /-</u></b>	2014227811	2013359958
				2016204652	2014328868
2013331380	2015309371	<b><u>C08G 77 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E02F 9 /-</u></b>
2013363957		2014202496	2014404403	2012318371	2013354562
<b><u>C07D 239 /-</u></b>	<b><u>C07J 13 /-</u></b>		2014407118	2012324531	2014202462
		<b><u>C08J 3 /-</u></b>	2014412841	2013231972	2014296511
2013305634	2015309371	<b><u>C08J 5 /-</u></b>	2015380501	<b><u>C12R 1 /-</u></b>	
2014317729	<b><u>C07J 31 /-</u></b>		2015382468	2014291752	<b><u>E03B 1 /-</u></b>
<b><u>C07D 241 /-</u></b>		<b><u>C08J 9 /-</u></b>	2017202902	<b><u>C22B 11 /-</u></b>	2014367274
	2015309371		<b><u>C10L 1 /-</u></b>	2014212122	<b><u>E03C 1 /-</u></b>
2013363247	<b><u>C07J 41 /-</u></b>	2014368766	2015220990	<b><u>C22C 33 /-</u></b>	2014367274
2015267909			<b><u>C11D 3 /-</u></b>	2014344917	<b><u>E03F 3 /-</u></b>
<b><u>C07D 251 /-</u></b>	2015309371	<b><u>C08K 3 /-</u></b>	2017200130	<b><u>C22C 38 /-</u></b>	2013311596
			<b><u>C11D 7 /-</u></b>	2014344917	<b><u>E03F 5 /-</u></b>
2015246500	<b><u>C07J 43 /-</u></b>	2015227248	2017200130		
<b><u>C07D 401 /-</u></b>		<b><u>C08J 9 /-</u></b>		2014344917	
	2015309371		<b><u>C08K 5 /-</u></b>		
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2014292888	2015309371	<b><u>C08K 3 /-</u></b>			
2015347043	<b><u>C07J 71 /-</u></b>				
2016231623		2014342769			
<b><u>C07D 403 /-</u></b>	2015309371	<b><u>C08K 5 /-</u></b>			
2015267909	<b><u>C07J 9 /-</u></b>	2014342769			
2016231623					
	2015309371				

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<b><u>E04B 1 /-</u></b>	<b><u>E21B 12 /-</u></b>	2015377025	<b><u>F17D 3 /-</u></b>	<b><u>G01F 1 /-</u></b>	<b><u>G01S 7 /-</u></b>
2015295620	2014402532	<b><u>F01D 25 /-</u></b>	2014352632	2016226588	2014280335
<b><u>E04C 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	2015295620	<b><u>F23C 1 /-</u></b>	<b><u>G01J 1 /-</u></b>	<b><u>G01V 3 /-</u></b>
2013388412	2014411388	<b><u>F02C 3 /-</u></b>	2014251120	2014203992	2016204680
<b><u>E04C 2 /-</u></b>	2014415591	2013337667	<b><u>F23C 10 /-</u></b>	<b><u>G01L 3 /-</u></b>	<b><u>G01V 99 /-</u></b>
2014380921	2015384820	<b><u>F03B 13 /-</u></b>	2014251120	2014402532	2015338996
<b><u>E04C 5 /-</u></b>	2017203892	2014245858	<b><u>F23C 5 /-</u></b>	<b><u>G01M 15 /-</u></b>	<b><u>G02B 6 /-</u></b>
2014277802	<b><u>E21B 19 /-</u></b>	2014305639	2014251120	2015295620	2014216530
<b><u>E04D 1 /-</u></b>	2013360016	<b><u>F03B 3 /-</u></b>	<b><u>F23C 9 /-</u></b>	<b><u>G01M 3 /-</u></b>	2014257660
2014344915	2014415591	2014305639	2013337693	2013384372	2014268936
<b><u>E04F 11 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>F23D 1 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02B 7 /-</u></b>
2014287863	2014413973	2014282782	2014251120	2014203992	2014203992
<b><u>E04F 13 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F04B 39 /-</u></b>	<b><u>F23D 14 /-</u></b>	2014228108	<b><u>G03G 15 /-</u></b>
2014406825	2015298873	2014240782	2013337693	2016203708	2016244337
<b><u>E04G 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04B 43 /-</u></b>	<b><u>F23K 5 /-</u></b>	2016208337	<b><u>G03G 21 /-</u></b>
2013388412	2014411388	2016203311	2013337693	<b><u>G01N 27 /-</u></b>	2016244337
<b><u>E04G 11 /-</u></b>	2015380501	<b><u>F15B 11 /-</u></b>	<b><u>F23L 7 /-</u></b>	2014203992	<b><u>G05B 13 /-</u></b>
2014289215	<b><u>E21B 34 /-</u></b>	2013354562	2013337693	<b><u>G01N 33 /-</u></b>	2014202118
<b><u>E04G 17 /-</u></b>	2015298873	<b><u>F15B 15 /-</u></b>	<b><u>F23R 3 /-</u></b>	2012311296	<b><u>G05B 19 /-</u></b>
2017221850	<b><u>E21B 4 /-</u></b>	2013354562	2013337693	2012338908	2013384372
<b><u>E04G 5 /-</u></b>	2014413973	<b><u>F16B 2 /-</u></b>	<b><u>F24D 3 /-</u></b>	2012350229	2014415569
2013388412	2015298873	2014277802	2016266354	2013231972	<b><u>G06F 11 /-</u></b>
<b><u>E04G 9 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16B 29 /-</u></b>	<b><u>F24F 11 /-</u></b>	2013240277	2015350295
2014289215	2014212122	2016250320	2016266354	2013259276	<b><u>G06F 17 /-</u></b>
<b><u>E04H 4 /-</u></b>	2014352632	<b><u>F16C 11 /-</u></b>	2016266354	2013312868	2015338996
2014302015	2014404403	<b><u>F16G 15 /-</u></b>	<b><u>F24H 4 /-</u></b>	2014221144	2016225861
<b><u>E04H 5 /-</u></b>	2014412841	2017265009	2016266354	2014232882	2017200341
2015295620	2015298873	<b><u>F16G 3 /-</u></b>	<b><u>F25B 1 /-</u></b>	2014373927	2017200380
<b><u>E05B 13 /-</u></b>	2017202902	2014320697	2016266354	2014392651	<b><u>G06F 19 /-</u></b>
2014203087	<b><u>E21B 44 /-</u></b>	<b><u>F16H 39 /-</u></b>	<b><u>F28D 15 /-</u></b>	2016204680	2012318371
<b><u>E05B 47 /-</u></b>	2014415569	2014282782	2016201936	<b><u>G01N 35 /-</u></b>	2014415569
2014203087	<b><u>E21B 47 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>F24F 5 /-</u></b>	2014232882	2016228299
2014203087	2014415645	2015254182	<b><u>F24H 4 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 21 /-</u></b>
<b><u>E06C 1 /-</u></b>	2015384820	<b><u>F16L 55 /-</u></b>	2016266354	2013267051	2015324004
2014277621	<b><u>E21C 35 /-</u></b>	2014282782	<b><u>F25B 1 /-</u></b>	2015217150	2016219558
<b><u>E06C 7 /-</u></b>	2013320199	<b><u>F16L 55 /-</u></b>	<b><u>F28D 15 /-</u></b>	2015336959	<b><u>G06F 3 /-</u></b>
2014277621	<b><u>E21C 41 /-</u></b>	2015254182	2016201936	<b><u>G01S 17 /-</u></b>	2014233524
2014277621	2015377025	<b><u>F16L 55 /-</u></b>	<b><u>F42B 10 /-</u></b>	2014280335	2014408285
<b><u>E21F 15 /-</u></b>	2015254182	<b><u>F17C 1 /-</u></b>	<b><u>F42B 6 /-</u></b>	<b><u>G01S 19 /-</u></b>	2015243058
	2014215730	2014255683	2014326809	2017200316	2016201303
			<b><u>G01C 3 /-</u></b>	<b><u>G01S 5 /-</u></b>	2016208388
			2014280335	2014280335	2016225861
				2015217150	2016238971
				2015336959	<b><u>G06F 7 /-</u></b>
				2015388821	2016202920
				2016213866	

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<b><u>G06F 9 /-</u></b>	<b><u>H02G 11 /-</u></b>	2015204927
2016202239	2015295482	<b><u>H04R 25 /-</u></b>
<b><u>G06G 7 /-</u></b>	<b><u>H02K 3 /-</u></b>	2015267319
2014352632	2015276633	<b><u>H04S 3 /-</u></b>
<b><u>G06K 17 /-</u></b>	<b><u>H02K 5 /-</u></b>	2016202227
2015243058	2015276633	<b><u>H04S 7 /-</u></b>
<b><u>G06K 19 /-</u></b>	<b><u>H02P 7 /-</u></b>	2016202227
2015243058	2014236413	<b><u>H04W 4 /-</u></b>
<b><u>G06K 7 /-</u></b>	<b><u>H03L 7 /-</u></b>	2014262897
2015243058	2014202118	<b><u>H04W 74 /-</u></b>
2016291155	<b><u>H04B 1 /-</u></b>	2014268763
<b><u>G06N 99 /-</u></b>	2015259363	<b><u>H05K 3 /-</u></b>
2016259381	2015274042	2017268552
<b><u>G06Q 10 /-</u></b>	<b><u>H04B 5 /-</u></b>	<b><u>H05K 5 /-</u></b>
2015296833	2013318440	2014233524
<b><u>G06Q 20 /-</u></b>	<b><u>H04B 7 /-</u></b>	
2013318440	2015274042	
2015264053	<b><u>H04L 12 /-</u></b>	
<b><u>G06Q 30 /-</u></b>	2016204070	
2014398594	2016222368	
	2017210584	
<b><u>G06Q 50 /-</u></b>	<b><u>H04L 27 /-</u></b>	
2012268845	2014254272	
	2015274042	
<b><u>G07F 19 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2016291155	2015324004	
<b><u>G07F 7 /-</u></b>	2016202239	
2016291155	<b><u>H04M 11 /-</u></b>	
<b><u>G09F 9 /-</u></b>	2016203615	
2014233524	<b><u>H04M 3 /-</u></b>	
<b><u>G11B 19 /-</u></b>	2016319146	
2016203615	<b><u>H04N 1 /-</u></b>	
<b><u>H01F 1 /-</u></b>	2015204927	
2014344917	2016201303	
<b><u>H01F 29 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2014252950	2015204927	
	2016201449	
<b><u>H01L 25 /-</u></b>	2017201510	
2014233524	2017202576	
	2017203384	
<b><u>H01M 8 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2014235197	2016294630	
	<b><u>H04N 5 /-</u></b>	

**Certified Innovation Patents**

**Name Index**

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

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(71) CCL Secure Pty Ltd  
 (11) AU-B-2017101673  
 (21) 2017101673 (22) 30.11.2017  
 (54) AUTHENTICATION MEANS USING  
 DELIBERATE MISREGISTRATION OF  
 PRINT ELEMENTS  
 (51) Int. Cl.  
     **B42D 25/30** ( 2014.01 )  
     **B42D 25/29** ( 2014.01 )  
 (45) 22.03.2018  
 (72) Berridge, Tim  
 (74) Phillips Ormonde Fitzpatrick

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(71) GincO Industries Pty Ltd  
 (11) AU-B-2018100181  
 (21) 2018100181 (22) 09.02.2018  
 (54) MOVING SYSTEM, METHOD OF  
 MOVING AN ITEM AND RELATED  
 COMPONENTS  
 (51) Int. Cl.  
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     **A47B 53/00** ( 2006.01 )  
     **B62B 3/02** ( 2006.01 )  
     **B66C 13/06** ( 2006.01 )  
     **E04B 1/24** ( 2006.01 )  
 (45) 22.03.2018  
 (62) 2017308025  
 (72) Imbrogno, Gino Paul  
 (74) Phillips Ormonde Fitzpatrick

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(71) PTT Global Chemical Public Company  
 Limited  
 (11) AU-B-2017100888  
 (21) 2017100888 (22) 29.06.2017  
 (54) POLYCARBONATE COMPOSITION  
 WITH IMPROVED MECHANICAL  
 PROPERTIES  
 (51) Int. Cl.  
     **C08L 25/12** ( 2006.01 )  
     **C08L 27/18** ( 2006.01 )  
     **C08L 51/04** ( 2006.01 )  
     **C08L 67/02** ( 2006.01 )  
     **C08L 69/00** ( 2006.01 )  
 (31) 1603001149 (32) 30.06.16 (33) TH  
 (45) 22.03.2018  
 (72) Kunanuruksapong, Ruksapong; Yun-  
 yongwattanakorn, Jintana; Kositchai-  
 ong, Apisit; Suppaibulsuk, Bunthita  
 (74) Phillips Ormonde Fitzpatrick



**Numerical Index**

**2017100888** PTT Global Chemical Public Company Limited  
**2017101673** CCL Secure Pty Ltd  
**2018100181** Ginco Industries Pty Ltd

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**Patents Granted**

**Standard Patents**

2011333484	2011340827	2012225191	2012258648
2012266927	2012266929	2012272546	2012298713
2012300285	2012308305	2012311288	2012315575
2012315757	2012321152	2012331073	2012340567
2012344725	2012345843	2012347453	2012347871
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2012372783	2012373817	2012375973	2012376021
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2013208087	2013208104	2013208324	2013212287
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2013327062	2013327960	2013328478	2013329413
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2014215738	2014219076	2014219519	2014221296
2014224054	2014224582	2014226388	2014230474
2014230569	2014230766	2014231266	2014232902
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2014235953	2014236648	2014237764	2014238370
2014240189	2014243149	2014243861	2014244061
2014244373	2014245928	2014249857	2014252525
2014253660	2014255311	2014255524	2014255642
2014256358	2014256522	2014257481	2014257639
2014257919	2014258048	2014259832	2014259950
2014263067	2014263335	2014264424	2014264719
2014268239	2014269359	2014271925	2014273342
2014273757	2014274037	2014275505	2014276442
2014277350	2014278241	2014282416	2014283182
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2014287702	2014293459	2014295898	2014296952
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2014332452	2014334997	2014336011	2014342393
2014344206	2014344785	2014347742	2014353383
2014354818	2014359259	2014362537	2014368360

**Patents Granted**

**Standard Patents**

2014370875	2014373186	2014374262	2014374349
2014375923	2014384715	2014386727	2014386892
2014387814	2014387886	2014388376	2014388388
2014391959	2014392605	2014396225	2014396229
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2014402530	2014402535	2014405923	2014407161
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2015203665	2015205836	2015206001	2015207036
2015222143	2015222857	2015224513	2015225734
2015226578	2015229638	2015229967	2015230853
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2015256222	2015263742	2015264108	2015264246
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2015282660	2015282747	2015283054	2015284484
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2015329444	2015330500	2015331572	2015349902
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2016202183	2016202205	2016202319	2016202464
2016202714	2016202747	2016202823	2016202844
2016202902	2016203005	2016203008	2016203073
2016203133	2016203169	2016203340	2016203406
2016203454	2016203457	2016203781	2016203814
2016204408	2016204561	2016204605	2016204664
2016204728	2016204880	2016204953	2016204984
2016206214	2016206395	2016213744	2016213752
2016213760	2016213809	2016213858	2016216578
2016216585	2016219663	2016219742	2016222339
2016222516	2016225920	2016226162	2016231462
2016231544	2016234932	2016244246	2016247230
2016250408	2016250450	2016256710	2016262784
2016271335	2016273836	2016277690	2016333712
2016349948	2016395125	2017200177	2017200266
2017200358	2017201833	2017202355	2017204647
2017213478	2017239624	2017251740	2017251770

**Innovation Patents**

2017101666	2018100131	2018100191	2018100194
2018100195	2018100196	2018100205	2018100214
2018100215	2018100217	2018100220	2018100222
2018100223	2018100224	2018100225	2018100226
2018100227	2018100229	2018100230	2018100231
2018100232	2018100233	2018100235	

**Assignments Registered**

2002314806	AMS Research Corporation	The patent has been assigned to <b>Boston Scientific Scimed, Inc.</b>
2006202854	AMS Research Corporation	The patent has been assigned to <b>Boston Scientific Scimed, Inc.</b>
2006231632	AMS Research Corporation	The patent has been assigned to <b>Boston Scientific Scimed, Inc.</b>
2007253683	AMS Research Corporation	The patent has been assigned to <b>Boston Scientific Scimed, Inc.</b>
2007261254	AMS Research Corporation	The patent has been assigned to <b>Boston Scientific Scimed, Inc.</b>

**Assignments Registered**

2007277194 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2007318141 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2007360765 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2008302768 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2010216210 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2010226714 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2010226813 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2011252893 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2011311936 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2011343593 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2011343597 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012236180 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012236277 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012238105 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012250567 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012250594 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012275175 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012282736 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012289928 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012304638 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012312022 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013201299 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013201412 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013205921 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

**Assignments Registered**

2013209374 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013221647 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013221965 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013222035 SHEP Pty Ltd The patent has been assigned to **Filton Engineering Ltd.**

2013224689 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2014201320 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2014202158 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015201961 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015202101 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015202998 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

2016202005 AMS Research Corporation The patent has been assigned to **Boston Scientific Scimed, Inc.**

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

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

2004256206 Grifols Diagnostics Solutions Inc ( Medion Grifols Diagnostics AG )

2004256210 Grifols Diagnostics Solutions Inc ( Medion Grifols Diagnostics AG )

2005224973 Grifols Diagnostics Solutions Inc ( Medion Grifols Diagnostics AG )

2007341650 Grifols Diagnostics Solutions Inc ( Medion Grifols Diagnostics AG )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2009213040 **Wyeth Holdings Corporation**  
The earliest first regulatory approval date provided by the patentee 14 Sep 2017  
For the goods TRUMENBA (Meningococcal group B vaccine)

2011294776 **Wyeth LLC**  
The earliest first regulatory approval date provided by the patentee 14 Sep 2017  
For the goods TRUMENBA (Meningococcal group B vaccine)

2016201346 **Wyeth LLC**  
The earliest first regulatory approval date provided by the patentee 14 Sep 2017  
For the goods TRUMENBA (Meningococcal group B vaccine)

## Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

### Applications Filed

### Corrigenda

In Vol 30 , No 36 , Page(s) 5316 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Kverneland Group Operations Norway AS, Application No. 2015230044, under INID (72) correct the co-inventor to Tonnessen, John Karstein

In Vol 32 , No 10 , Page(s) 1369 under the heading **Complete Applications Filed - Name Index** Under the name Canon Kabushiki Kaisha, Application No. 2018201347, Under INID (72) correct the co-inventor to Koziarz, Krzysztof Adam

In Vol 32 , No 10 , Page(s) 1386 under the heading **Amendments - Application for Amendments** Under the name Unigen, Inc., Application No. 2016203045 correct the date of the statements filed to read 08 Dec 2017 and 20 Feb 2018

In Vol 32 , No 6 , Page(s) 799 under the heading **Amendments - Amendments Made** Under the name Minh Khoi Le, Application No. 2014324073, under INID (71) correct the applicant name to Minh Khoi Le and Van So Le

In Vol 32 , No 7 , Page(s) 934 under the heading **Amendments - Amendments Made** Under the name James Hardie Technology Limited, Application No. 2018100127 under INID (72) correct the inventor names to read Nunez, Ronnie; Hayashi, Yuki; O'Chee, Milton; Elliott, Timothy and Tomkins, Cameron

In Vol 32 , No 9 , Page(s) 1223 under the heading **Amendments - Application for Amendments** Under the name Memorial Sloan Kettering Cancer Center, Application No. 2013207669 correct the date of the statements filed to read 20 Feb 2018 and 21 Feb 2018

In Vol 32 , No 9 , Page(s) 1281 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Pandt Global Solutions, LLC, Application No. 2016307210, under INID (71) correct the applicant name to P&T Global Solutions, LLC

In Vol 32 , No 9 , Page(s) 1325 under the heading **Applications Accepted - Name Index** Under the name Kverneland Group Operations Norway AS, Application No. 2015230044, under INID (72) correct the co-inventor to Tonnessen, John Karstein

## Specifications Republished

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

2013288897	<b>Qualcomm Incorporated</b>
2013296627	<b>Concert Pharmaceuticals, Inc.</b>
2013342019	<b>Smith &amp; Nephew, Inc.</b>
2015305864	<b>Caterpillar Trimble Control Technologies LLC</b>
2016251949	<b>NV Michel Van de Wiele</b>