



# **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*

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*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><br><u>No.</u> | <u>ITEM</u>                                        | <u>INID</u><br><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 Provisional application <u>number</u>                     | (21)                      | The <u>number</u> assigned to the application      | (21)                      |
| The <u>date</u> of filing                                     | (22)                      | The <u>date</u> of filing                          | (22)                      |
| The <u>title</u> of the invention                             | (54)                      | <u>Title</u> of the invention                      | (54)                      |
|                                                               |                           | <u>Number</u> of priority document(s) if any       | (31)                      |
|                                                               |                           | <u>Date(s)</u> of filing of priority documents     | (32)                      |
|                                                               |                           | <u>Country</u> of which priority documents filed   | (33)                      |
|                                                               |                           | PCT application <u>number</u>                      | (86)                      |
| <u>ITEM</u>                                                   | <u>INID</u><br><u>No.</u> | <u>ITEM</u>                                        | <u>INID</u><br><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><br><u>No.</u> |                                                    |                           |
| <b>E) Patents Certified – Name Index</b>                      |                           |                                                    |                           |
| The <u>name</u> of the applicant                              | (71)                      |                                                    |                           |
| The <u>number</u> of the accepted document                    | (10)                      |                                                    |                           |
| The <u>number</u> assigned to the application                 | (21)                      |                                                    |                           |
| The <u>date</u> of filing                                     | (22)                      |                                                    |                           |
| The <u>title</u>                                              | (54)                      |                                                    |                           |
| The <u>classification marks</u>                               | (51)                      |                                                    |                           |
| Priority document <u>number</u>                               | (31)                      |                                                    |                           |
| <u>Date</u> of filing of priority document(s)                 | (32)                      |                                                    |                           |
| <u>Country</u> in which priority document filed               | (33)                      |                                                    |                           |
| Publication <u>date</u> of granted patent                     | (45)                      |                                                    |                           |
| Inventors <u>names</u>                                        | (72)                      |                                                    |                           |
| <u>Patent Attorneys</u>                                       | (74)                      |                                                    |                           |
| Related by division                                           | (62)                      |                                                    |                           |

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

## AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 24 November 2016

### Official Notice

#### **Improving customer correspondence for patents**

In January 2016, IP Australia commenced a project to refine and redesign correspondence sent to customers across all intellectual property (IP) rights.

This redesign forms part of a range of initiatives to create a seamless customer experience and will align our correspondence with the website, eServices and search systems. Incorporating several enhanced design principles, we expect the redesigned correspondence will create a better user experience and provide clear, succinct information to our customers.

Following on from the successful release of our redesigned trade mark correspondence, customers can expect to receive the new-look electronic correspondence for patents from 30 November 2016. The redesigned correspondence will also be progressively released for plant breeder's rights and designs throughout this financial year.

#### **Incoming changes:**

IP Australia is establishing different correspondence streams for two customer segments – legal professionals and self-filers to meet the requirements of our customer base and tailor the information according to their differing needs.

In addition to incorporating several design principles to achieve improved visual design, layout and clarity, metadata will also be included within its properties to enhance our correspondence for all users.

#### **More information:**

Some sample correspondence can be found [here](#) for your reference.

Customer feedback and enquiries can be emailed to the Continuous Improvement and Innovation team via [MDB-ContinuousImprovementInnovation@ipaustalia.gov.au](mailto:MDB-ContinuousImprovementInnovation@ipaustalia.gov.au).

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 24 November 2016

Official Notice

**Director General of IP Australia**

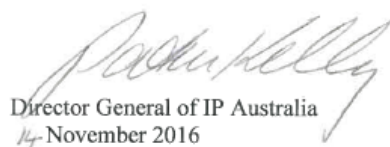
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**Declaration of the days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business**

With effect from 1 January 2017, section 136A of the *Designs Act 2003*, section 14A of the *Olympic Insignia Protection Act 1987*, section 222A of the *Patents Act 1990*, section 76A of the *Plant Breeder's Rights Act 1994* and section 223A of the *Trade Marks Act 1995* provide for the effect of the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office ('the Offices') not being open for business.

The Director General of IP Australia ('Director General') is the person prescribed under paragraph 2(b) of each of those sections. This means that the Director General can declare in writing a day or days on which the Offices are taken not to be open for business for the purposes of those sections. Paragraph (4) (a) of each of those sections provides that such a declaration may be made before, on or after the day on which the Offices are taken to be not open for business.

I, Patricia Margaret Kelly, as the person currently employed as the Director General of IP Australia, declare the days in the period 1 January 2017 to 1 January 2018, when the Offices are taken not to be open for business for the purpose of the sections mentioned above, as specified in the attached Schedule, Part 1.

  
Director General of IP Australia  
14 November 2016

**Declaration of the days in the period 1 January 2017 to 1 January 2018 when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business**

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|                   |                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AUTHORITY</b>  | Director General of IP Australia                                                                                                                                                                                                                                                       |
| <b>REFERENCES</b> | Section 136A of the <i>Designs Act 2003</i> ,<br>Section 14A of the <i>Olympic Insignia Protection Act 1987</i> ,<br>Section 222A of the <i>Patents Act 1990</i> ,<br>Section 76A of the <i>Plant Breeder's Rights Act 1994</i> and<br>Section 223A of the <i>Trade Marks Act 1995</i> |

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**Part 1** Days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office—all located in the Australian Capital Territory—are taken not to be open for business

All Saturdays and Sundays in the period

|                                                       |                                         |
|-------------------------------------------------------|-----------------------------------------|
| Monday, 2 January 2017<br>2017 (New Year's Day)       | Additional holiday for Sunday 1 January |
| Thursday, 26 January 2017                             | Australia Day                           |
| Monday, 13 March 2017                                 | Canberra Day                            |
| Friday, 14 April 2017                                 | Good Friday                             |
| Monday, 17 April 2017                                 | Easter Monday                           |
| Tuesday, 25 April 2017                                | ANZAC Day                               |
| Monday, 12 June 2017                                  | Queen's Birthday Holiday                |
| Monday, 25 September 2017                             | Family & Community Day                  |
| Monday, 2 October 2017                                | Labour Day                              |
| Monday, 25 December 2017 to<br>Monday, 1 January 2018 | Christmas Close Down                    |

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 24 November 2016

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Myoori Pty Limited. [2016] APO 80*

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Patent Application: | 2016201570                                                                                                                                                                                                                                                                          |
| Title:              | Wine Label                                                                                                                                                                                                                                                                          |
| Patent Applicant:   | Myoori Pty Limited                                                                                                                                                                                                                                                                  |
| Delegate:           | Dr W.E. Guinea                                                                                                                                                                                                                                                                      |
| Decision Date:      | 11 November 2016                                                                                                                                                                                                                                                                    |
| Hearing Date:       | 22 September 2016, in Canberra                                                                                                                                                                                                                                                      |
| Catchwords:         | <b>PATENTS</b> – standard patent – Examiner objections – invention comprises a wine label characterised by certain patterns and colours – manner of manufacture – inventive step – claims are not for a manner of manufacture – inventive step not considered – application refused |
| Representation:     | Patent Attorney for the Applicant: F.P. Old of Fraser Old & Sohn                                                                                                                                                                                                                    |

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 24 November 2016**

**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Thermacon Insulation Pty Ltd v Kingspan Insulation Pty Ltd [2016] APO 81***

|                     |                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Patent Application: | 2012241111                                                                                                                                                                                                                                                                            |
| Title:              | Perforated Sheeting                                                                                                                                                                                                                                                                   |
| Patent Applicant:   | Kingspan Insulation Pty Ltd                                                                                                                                                                                                                                                           |
| Opponent:           | Thermacon Insulation Pty Ltd                                                                                                                                                                                                                                                          |
| Delegate:           | R Subbarayan                                                                                                                                                                                                                                                                          |
| Decision Date:      | 15 November 2016                                                                                                                                                                                                                                                                      |
| Hearing Date:       | 24 August 2016, in Canberra                                                                                                                                                                                                                                                           |
| Catchwords:         | <b>PATENTS</b> – section 59 – opposition to grant of patent – insulation sheeting with perforations for vapour permeability - grounds of opposition include manner of manufacture, inventive step, full description, clarity and fair basis – opposition unsuccessful – costs awarded |
| Representation:     | Patent attorney for the applicant: Gareth Dixon of Shelston IP<br>Patent attorney for the opponent: Barry Newman of Armour IP                                                                                                                                                         |

## 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 8 Nov 2016 .

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(71)</b> 24-7 Assistance Pty Ltd<br><b>(21)</b> 2016904603 <b>(22)</b> 11.11.2016<br><b>(54)</b> A COMMUNICATIONS SYSTEM                                                                                                                                                                                                                                                                                                                                                           | <b>(71)</b> Atomo Diagnostics Pty Limited<br><b>(21)</b> 2016904609 <b>(22)</b> 11.11.2016<br><b>(54)</b> INTEGRATED FLUID MODULE AND TEST DEVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | lifting handle to enable it to be raised and lowered.                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>(71)</b> Acton Devices Pty Ltd<br><b>(21)</b> 2016904630 <b>(22)</b> 14.11.2016<br><b>(54)</b> A xerostomia treatment device                                                                                                                                                                                                                                                                                                                                                       | <b>(71)</b> Australian Minerals Research Pty Ltd<br><b>(21)</b> 2016904614 <b>(22)</b> 11.11.2016<br><b>(54)</b> METALLURGICAL REFERENCE STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>(71)</b> Commonwealth Scientific and Industrial Research Organisation<br><b>(21)</b> 2016904611 <b>(22)</b> 11.11.2016<br><b>(54)</b> Plants with modified traits                                                                                                                                                                                                                                                                                              |
| <b>(71)</b> AEROLENS GROUP PTY LTD<br><b>(21)</b> 2016904578 <b>(22)</b> 09.11.2016<br><b>(54)</b> Method and System for Collection of Photographic Data                                                                                                                                                                                                                                                                                                                              | <b>(71)</b> Bauer, R.<br><b>(21)</b> 2016904617 <b>(22)</b> 12.11.2016<br><b>(54)</b> Improved paramotor frame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>(71)</b> Commonwealth Scientific and Industrial Research Organisation<br><b>(21)</b> 2016904639 <b>(22)</b> 14.11.2016<br><b>(54)</b> Protease sensor molecules                                                                                                                                                                                                                                                                                                |
| <b>(71)</b> Akle, C.<br><b>(21)</b> 2016904600 <b>(22)</b> 11.11.2016<br><b>(54)</b> SPORT TRAINING DEVICE                                                                                                                                                                                                                                                                                                                                                                            | <b>(71)</b> Brand Developers Limited<br><b>(21)</b> 2016904576 <b>(22)</b> 09.11.2016<br><b>(54)</b> ELECTRICAL STIMULATION APPARATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>(71)</b> Connelly, R.<br><b>(21)</b> 2016904563 <b>(22)</b> 09.11.2016<br><b>(54)</b> A drone remote control system                                                                                                                                                                                                                                                                                                                                            |
| <b>(71)</b> AMMO IP<br><b>(21)</b> 2016904554 <b>(22)</b> 08.11.2016<br><b>(54)</b> The freight industry is constantly searching for ways to protect personnel on a ground. Auto Rail protection system allows employees to ensure the safety of the people working next to the crane and next to rail system. This solution creates detection zone and prevents any collision between straddle/ other machinery and humans. AMMO.CO happy to present new Auto Rail detection system. | <b>(71)</b> Brighton Australia Pty Ltd<br><b>(21)</b> 2016904602 <b>(22)</b> 11.11.2016<br><b>(54)</b> An assembly for cladding a surface<br><br><b>(71)</b> Charles Sturt University<br><b>(21)</b> 2016904569 <b>(22)</b> 09.11.2016<br><b>(54)</b> Livestock supplement and use thereof                                                                                                                                                                                                                                                                                                                                                                       | <b>(71)</b> Curry, K.<br><b>(21)</b> 2016904573 <b>(22)</b> 09.11.2016<br><b>(54)</b> incharge charge all of your tech devices in one convenient lockable box! fits neatly on any bench top Charges up to 7 devices at once perfect for laptops, iPads, iPhones, smartphones, ds, nintendos Fabulous lockable tech storage unit with 4 usb charging points & 4 standard power points wood designed & made in Melbourne made to order 42 length 33 width 17 height |
| <b>(71)</b> Archimedes Pty Ltd<br><b>(21)</b> 2016904645 <b>(22)</b> 14.11.2016<br><b>(54)</b> Inflation System                                                                                                                                                                                                                                                                                                                                                                       | <b>(71)</b> CHEMSERVE PTY LIMITED<br><b>(21)</b> 2016904620 <b>(22)</b> 13.11.2016<br><b>(54)</b> A stainless steel double walled, cleaning tank that uses two electric motor powered lifting mechanisms to lower and raise an internal basket that is used for cleaning commercial grade kitchen equipment. The lifting mechanisms "shafts" are housed externally inside an inverted T-shaped housing, that is attached to the left and right sides of the cleaning tank via three (3) main attachment points. The lifting rod is connected to the lifting mechanism, features a removable and/or swivel lifting handle. The internal basket is attached to the | <b>(71)</b> Curtis, P.<br><b>(21)</b> 2016904595 <b>(22)</b> 10.11.2016<br><b>(54)</b> Improvements to Highly Insulated Building Envelopes<br><br><b>(71)</b> Dixon, M.<br><b>(21)</b> 2016904618 <b>(22)</b> 12.11.2016<br><b>(54)</b> The Meta Board<br><br><b>(71)</b> Englund, M.<br><b>(21)</b> 2016904592 <b>(22)</b> 10.11.2016<br><b>(54)</b> Acoustic method and system for providing digital data                                                       |



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|                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(71) Fiechtner, G.<br/>(21) 2016904590 (22) 10.11.2016<br/>(54) A BRISTLE ACCESSORY AND A LIFT-<br/>ING SYSTEM</p>                                                                                                                                                                                                           | <p>whilst storing the item(s) safely into a<br/>secure box.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>(71) Kellogg Brown &amp; Root LLC<br/>(21) 2016904575 (22) 09.11.2016<br/>(54) FLOATING LIGHT REGULATOR</p>                                                                                                                                                                                                            |
| <p>(71) Flinders University of South Australia<br/>(21) 2016904591 (22) 10.11.2016<br/>(54) PROCESSES FOR CONTROLLING<br/>STRUCTURE AND/OR PROPERTIES<br/>OF CARBON AND BORON NANOMA-<br/>TERIALS</p>                                                                                                                           | <p>(71) harris, r.<br/>(21) 2016904615 (22) 11.11.2016<br/>(54) Automatic gate opener</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>(71) Kelly, S.; Gaudion, A.<br/>(21) 2016904560 (22) 09.11.2016<br/>(54) A plastic bottle that is in the form of a<br/>Piccolo bottle that has 2 parts , when<br/>they are separated and inverted they<br/>create a drinking glass. They are turned<br/>upside down per the diagrams in the<br/>patent submission.</p> |
| <p>(71) FORMALYTICS HOLDINGS PTY LTD<br/>(21) 2016904594 (22) 10.11.2016<br/>(54) Measuring a Property of a Trajectory of<br/>a Ball</p>                                                                                                                                                                                        | <p>(71) Helium 3 Resources Pty Ltd<br/>(21) 2016904565 (22) 09.11.2016<br/>(54) Sleeping Accessory</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Kilmallock (ACT) Pty Ltd<br/>(21) 2016904581 (22) 09.11.2016<br/>(54) Shutter</p>                                                                                                                                                                                                                                 |
| <p>(71) Freeman, M.<br/>(21) 2016904580 (22) 09.11.2016<br/>(54) Onsite wastewater treatment &amp; reuse<br/>system</p>                                                                                                                                                                                                         | <p>(71) HIPO Insights pty ltd<br/>(21) 2016904619 (22) 13.11.2016<br/>(54) Goal Assessment Methodology</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>(71) Laing O'Rourke Australia Pty Ltd<br/>(21) 2016904627 (22) 14.11.2016<br/>(54) Method and apparatus for fabricating<br/>an object</p>                                                                                                                                                                              |
| <p>Gaudion, A. see Kelly, S.<br/>(21) 2016904560</p>                                                                                                                                                                                                                                                                            | <p>(71) James, I.<br/>(21) 2016904587 (22) 10.11.2016<br/>(54) WISEMANS WEEDER</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>(71) Leersen, G.<br/>(21) 2016904524 (22) 05.11.2016<br/>(54) Hay Humidity Monitor</p>                                                                                                                                                                                                                                 |
| <p>(71) Globaltech Corporation Pty Ltd<br/>(21) 2016904613 (22) 11.11.2016<br/>(54) SYSTEMS AND METHODS OF DRILL<br/>ROD ALIGNMENT, DRILL ROD<br/>THREAD ALIGNMENT AND DRILL<br/>ROD THREAD RECOGNITION</p>                                                                                                                     | <p>(71) jensen, b.<br/>(21) 2016904571 (22) 09.11.2016<br/>(54) PORTABLE BIDET</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>(71) Loggo IP Pty Ltd<br/>(21) 2016904579 (22) 09.11.2016<br/>(54) APPARATUS AND METHODS FOR<br/>CONNECTING TIMBER FLANGES 2</p>                                                                                                                                                                                       |
| <p>(71) Grant, L.<br/>(21) 2016904625 (22) 14.11.2016<br/>(54) Beach Babes Sun Shades</p>                                                                                                                                                                                                                                       | <p>(71) JUKES, C.<br/>(21) 2016902142 (22) 14.06.2016<br/>(54) SELECTIVE MUZZLE VELOCITY for<br/>military, special operation groups and<br/>hostage situations. this device allows<br/>the gun to be used with the same am-<br/>munition for long range and short range<br/>effectively. The advantages are obvi-<br/>ous, on a lower fpm setting the chances<br/>of collateral damage are lessened and<br/>penetration of sandbagged positions<br/>are improved. this is documented in<br/>ballistics because projectile does not<br/>splatter. This can be achieved by con-<br/>trolling the propellant explosion i.e. a<br/>more gas tight fit achieves higher ve-<br/>locity the more gas released a lesser<br/>one. The mechanism for extraction &amp; re</p> | <p>(71) Loggo IP Pty Ltd<br/>(21) 2016904596 (22) 10.11.2016<br/>(54) COMPOSITE STRUCTURAL MEMBER<br/>3</p>                                                                                                                                                                                                               |
| <p>(71) Griffith University; The University of Ad-<br/>elaide<br/>(21) 2016904572 (22) 09.11.2016<br/>(54) SUBTILASE CYTOTOXIN B SUBUNIT<br/>MUTANT</p>                                                                                                                                                                         | <p>(71) KAJAG Holdings Pty Ltd<br/>(21) 2016904643 (22) 14.11.2016<br/>(54) Insertion tool for inserting a specialised<br/>CCTV Camera into a pressurised water<br/>pipe, with an active and internal steril-<br/>isation system for the camera head and<br/>cable. Cable enables camera head to<br/>move along the pipe. Camera head is a<br/>full Pan &amp; Tilt system.</p>                                                                                                                                                                                                                                                                                                                                                                                     | <p>(71) MACQUARIE UNIVERSITY<br/>(21) 2016904636 (22) 14.11.2016<br/>(54) Direction of Arrival Estimation</p>                                                                                                                                                                                                             |
| <p>(71) Grunbiotics Pty Ltd<br/>(21) 2016904621 (22) 14.11.2016<br/>(54) IMPROVED USES OF NEW FORMU-<br/>LATIONS</p>                                                                                                                                                                                                            | <p>(71) Kellogg Brown &amp; Root LLC<br/>(21) 2016904574 (22) 09.11.2016<br/>(54) FLOATING BIOPROCESSOR</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>(71) Mandeville-Clarke, B.<br/>(21) 2016904562 (22) 09.11.2016<br/>(54) A SYSTEM AND METHOD FOR IN-<br/>PUTTING A SECOND TAXI-START<br/>LOCATION PARAMETER FOR AN<br/>AUTONOMOUS VEHICLE TO NAVIG-<br/>ATE TO</p>                                                                                                      |
| <p>(71) Guinea, R.<br/>(21) 2016904637 (22) 14.11.2016<br/>(54) LOAD SUPPORT SYSTEM</p>                                                                                                                                                                                                                                         | <p>(71) Matrix Composites &amp; Engineering Ltd<br/>(21) 2016904610 (22) 11.11.2016<br/>(54) Porous Reinforcing Material</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Murdoch Childrens Research Institute see<br/>The Walter and Eliza Hall Institute of Med-<br/>ical Research<br/>(21) 2016904635</p>                                                                                                                                                                                     |
| <p>(71) Harper, L.<br/>(21) 2016904556 (22) 08.11.2016<br/>(54) VOSBOX is a secure receptacle that<br/>eradicates the need for a person to be<br/>physically present to sign for receipt of<br/>a package, document or item(s). It uses<br/>identification technology to provide<br/>a unique digital signature of receipt,</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                           |

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(71) Nepean Conveyors Pty Ltd  
(21) 2016904604 (22) 11.11.2016  
(54) Conveyor module, conveyor assembly, support frame therefor, and method of installing a conveyor assembly

(71) Ozinga, A.  
(21) 2016904555 (22) 08.11.2016  
(54) An application that joins sellers and buyers that allows receipts to be sent and received electronically through an application either on your phone, computer or tablet that then allows the user to file them as suitable. This requires creating an account (becoming a user of the app) within the application in order for receipts to be sent and received.

(71) Perrier, J.  
(21) 2016904567 (22) 09.11.2016  
(54) Cough stimulation device

(71) Pettit, L.  
(21) 2016904616 (22) 12.11.2016  
(54) Bankgate

(71) Pocklington, E.  
(21) 2016904568 (22) 09.11.2016  
(54) Training device for use with a weightlifting bar

(71) Popov, I.  
(21) 2016904626 (22) 14.11.2016  
(54) Gaming table

(71) Poseidon Nickel Limited  
(21) 2016904586 (22) 10.11.2016  
(54) Method of Co-Processing Nickel Laterite Ores and Lithium Concentrate

(71) Proteus Wave Power  
(21) 2016904564 (22) 09.11.2016  
(54) OSCILLATING FOIL MECHANISM

(71) PTI Pacific Pty Ltd  
(21) 2016904606 (22) 11.11.2016  
(54) MODULAR SYSTEM FOR GASSING AND DEGASSING LIQUIDS

(71) Rankin, L.  
(21) 2016904638 (22) 14.11.2016  
(54) POLYSTYRENE VACCUM BORING DRILL

(71) Repipe Pty Ltd  
(21) 2016904642 (22) 14.11.2016  
(54) Methods and Systems for Providing and Receiving Information For Risk Management in the Field

(71) rivers, h.  
(21) 2016904490 (22) 03.11.2016  
(54) an online tattoo artist and shop directory/advertising platform. worldwide

(71) Roberts, P.  
(21) 2016904559 (22) 08.11.2016  
(54) Self-Inflatable Kite

(71) RoundPeg Innovations Pty Ltd  
(21) 2016904557 (22) 08.11.2016  
(54) Devices for Enhancing the Boarding of Aircraft

(71) S & S Auto Electrical Pty Ltd  
(21) 2016904597 (22) 10.11.2016  
(54) PORTABLE HOT SHOWER ASSEMBLY

(71) Scarboro, P.  
(21) 2016904577 (22) 09.11.2016  
(54) FOOD SCORER

(71) Scott Automation & Robotics Pty Ltd  
(21) 2016904561 (22) 09.11.2016  
(54) A CARCASS PROCESSING SYSTEM AND METHOD

(71) ScramCard Holdings (Hong Kong) Limited  
(21) 2016904623 (22) 14.11.2016  
(54) USER AUTHENTICATION DEVICE, METHOD AND SYSTEM

(71) ScramCard Holdings (Hong Kong) Limited  
(21) 2016904624 (22) 14.11.2016  
(54) MULTI-SERVICE USER AUTHENTICATION DEVICE AND METHOD

(71) Selvax Pty Ltd  
(21) 2016904634 (22) 14.11.2016  
(54) Immunologic Agent Against Canine Malignancy

(71) Shaik, J.  
(21) 2016904558 (22) 08.11.2016  
(54) System of Augmented Information Delivery for Video Content

(71) Siddiqui, S.  
(21) 2016904588 (22) 10.11.2016  
(54) Waterproof Breathable Central Line and Picc Line Cover

(71) Silesco Pty Ltd  
(21) 2016904640 (22) 14.11.2016  
(54) Alignment apparatus for use in surgery

(71) Sonder Communications Pty Ltd  
(21) 2016904589 (22) 10.11.2016  
(54) Method and system for asset management

(71) Speedpanel Australia Limited  
(21) 2016904583 (22) 10.11.2016  
(54) Aerated Concrete Admixture

(71) Speedpanel Australia Limited  
(21) 2016904584 (22) 10.11.2016  
(54) Improved Composite Building Panel

(71) Speedpanel Australia Limited  
(21) 2016904585 (22) 10.11.2016  
(54) Improved Composite Building Panel

(71) Stephan, A.  
(21) 2016904641 (22) 14.11.2016  
(54) METHOD AND SYSTEM FOR ASSESSING SAFE OPERATION OF A MOBILE DEVICE

(71) Stewart, D.  
(21) 2016904646 (22) 15.11.2016  
(54) The invention is every day carry for useful any day activity, such as tweezers, finger nail file, finger and toe nail clippers, pliers to cut and strip electrical wire, levers, knife, Philips and flat screw drivers, can opener, scissors, wrench plus many other use tools can be added such as tooth a pick or Alan keys that are suited to fold into the main structure as the multi tool can be made longer and wider and still small enough to fit onto a key ring or a take minimum space in a tool kit such as a survival kit, or carried in a purse or hand bag, pocket, worn as a necklace or earrings.

(71) Strategic Entertainment Pty Ltd  
(21) 2016904601 (22) 11.11.2016  
(54) Multi-Level Tournament System and Method

(71) SZEREDI, G.  
(21) 2016904612 (22) 11.11.2016  
(54) AN INTERACTIVE BROADCAST MANAGEMENT SYSTEM

(71) TEOH, P.  
(21) 2016904631 (22) 14.11.2016  
(54) A trocar sleeve and associated trocar assembly

The University of Adelaide see Griffith University  
(21) 2016904572

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(71) The University of Adelaide  
(21) 2016904628 (22) 14.11.2016  
(54) Novel Carbohydrate Membrane Transporter Proteins

(71) The University of Newcastle  
(21) 2016904629 (22) 14.11.2016  
(54) Formulations for the treatment of mucosal inflammatory disorders

(71) The Walter and Eliza Hall Institute of Medical Research; Murdoch Childrens Research Institute  
(21) 2016904635 (22) 14.11.2016  
(54) Transplant rejection assay

(71) Tuff Tonneaus Wholesale Pty Ltd  
(21) 2016904599 (22) 11.11.2016  
(54) A SYSTEM FOR RELEASABLY RETAINING A SOFT TONNEAU COVER TO A TAILGATE

Twinmusix see Twinmusix  
(21) 2016904475

(71) Twinmusix; Twinmusix  
(21) 2016904475 (22) 02.11.2016  
(54) the logos we came up with can go on any type of clothing and not on anyone elses

(71) Utopia Gaming Systems Pty Ltd  
(21) 2016904607 (22) 11.11.2016  
(54) A SYSTEM AND METHOD FOR REDEMPTION AND MOVING OF GAMING MACHINE CREDITS

(71) Vuly IP Holdings No. 2 Pty Ltd  
(21) 2016904570 (22) 09.11.2016  
(54) TRAMPOLINES AND SAFETY NETS FOR TRAMPOLINES

(71) WALLACE, K.  
(21) 2016904644 (22) 14.11.2016  
(54) Telecommunication system

(71) Warehouse Leasing Pty Ltd  
(21) 2016904582 (22) 10.11.2016  
(54) Disposable cups and other drinking vessels

(71) Warry, R.  
(21) 2016904608 (22) 11.11.2016  
(54) Lifting and support device

(71) Wavebusters Pty Ltd  
(21) 2016904566 (22) 09.11.2016  
(54) A wave attenuation device

(71) Weir Minerals Australia Ltd  
(21) 2016904605 (22) 11.11.2016  
(54) Pump inlet screen

(71) Woodside Energy Limited  
(21) 2016904593 (22) 10.11.2016  
(54) A METHOD AND CONTROLLER FOR CONTROLLING A CONTINUOUS PROCESS

(71) Zinc Marine Pty Ltd  
(21) 2016904598 (22) 10.11.2016  
(54) IMPROVED SACRIFICIAL ANODE

(71) Zip Industries (Aust.) Pty Ltd  
(21) 2016904622 (22) 14.11.2016  
(54) A tap handle assembly

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| 2016904555 | Ozinga, A.                                                        | 2016904622 | Zip Industries (Aust.) Pty Ltd                                                                   |
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| 2016904572 | Griffith University; The University of Adelaide                   | 2016904639 | Commonwealth Scientific and Industrial Research Or-<br>ganisation                                |
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| 2016904598 | Zinc Marine Pty Ltd                                               |            |                                                                                                  |
| 2016904599 | Tuff Tonneaus Wholesale Pty Ltd                                   |            |                                                                                                  |
| 2016904600 | Akle, C.                                                          |            |                                                                                                  |
| 2016904601 | Strategic Entertainment Pty Ltd                                   |            |                                                                                                  |
| 2016904602 | Brighton Australia Pty Ltd                                        |            |                                                                                                  |
| 2016904603 | 24-7 Assistance Pty Ltd                                           |            |                                                                                                  |
| 2016904604 | Nepean Conveyors Pty Ltd                                          |            |                                                                                                  |
| 2016904605 | Weir Minerals Australia Ltd                                       |            |                                                                                                  |
| 2016904606 | PTI Pacific Pty Ltd                                               |            |                                                                                                  |
| 2016904607 | Utopia Gaming Systems Pty Ltd                                     |            |                                                                                                  |
| 2016904608 | Warry, R.                                                         |            |                                                                                                  |
| 2016904609 | Atomo Diagnostics Pty Limited                                     |            |                                                                                                  |
| 2016904610 | Matrix Composites & Engineering Ltd                               |            |                                                                                                  |
| 2016904611 | Commonwealth Scientific and Industrial Research Or-<br>ganisation |            |                                                                                                  |
| 2016904612 | SZEREDI, G.                                                       |            |                                                                                                  |
| 2016904613 | Globaltech Corporation Pty Ltd                                    |            |                                                                                                  |
| 2016904614 | Australian Minerals Research Pty Ltd                              |            |                                                                                                  |
| 2016904615 | harris, r.                                                        |            |                                                                                                  |
| 2016904616 | Pettit, L.                                                        |            |                                                                                                  |

## Complete Applications Filed

## Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Nov 2016 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

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(71) Abbott Diabetes Care Inc.  
(21) 2016256825 (22) 11.11.2016  
(54) Health management devices and methods  
(62) 2014250677

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(71) ABT Holding Company  
(21) 2016256806 (22) 11.11.2016  
(54) MODULATION OF ANGIOGENESIS  
(62) 2014250727

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(71) Accenture Global Solutions Limited  
(21) 2016256672 (22) 07.11.2016  
(54) DATA ENTRY SELECTION BASED ON DATA PROCESSING  
(31) 62/260,815 (32) 30.11.15 (33) US  
14/983,815 30.12.15 US

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(71) Accenture Global Solutions Limited  
(21) 2016259300 (22) 14.11.2016  
(54) MACHINE FOR DEVELOPMENT OF ANALYTICAL MODELS  
(31) 14/971,982 (32) 16.12.15 (33) US

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(71) Achelios Therapeutics, Inc.  
(21) 2016256779 (22) 10.11.2016  
(54) Methods and compositions for treating and preventing trigeminal autonomic cephalgias, migraine, and vascular conditions  
(62) 2010330747

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(71) Adobe Systems Incorporated  
(21) 2016256753 (22) 10.11.2016  
(54) IMAGE CAPTIONING USING WEAK SUPERVISION AND SEMANTIC NATURAL LANGUAGE VECTOR SPACE  
(31) 14/995,032 (32) 13.01.16 (33) US

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(71) Adobe Systems Incorporated  
(21) 2016256764 (22) 10.11.2016  
(54) SEMANTIC NATURAL LANGUAGE VECTOR SPACE FOR IMAGE CAPTIONING  
(31) 14/995,042 (32) 13.01.16 (33) US

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(71) Adobe Systems Incorporated  
(21) 2016256802 (22) 11.11.2016  
(54) DIGITAL CONTENT STREAMING TO LOSS INTOLERANT STREAMING CLIENTS  
(31) 15/070,916 (32) 15.03.16 (33) US

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(71) Adobe Systems Incorporated  
(21) 2016256803 (22) 11.11.2016  
(54) AUTOMATICALLY DETERMINING RE-STORED AVAILABILITY OF MULTI-CHANNEL MEDIA DISTRIBUTORS FOR AUTHENTICATION OR AUTHORIZATION  
(31) 15/070,053 (32) 15.03.16 (33) US

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(71) AgJunction LLC.  
(21) 2016256796 (22) 11.11.2016  
(54) Single-mode implement steering  
(31) 62/257,396 (32) 19.11.15 (33) US  
15/345,792 08.11.16 US

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(71) AirWatch LLC  
(21) 2016256794 (22) 11.11.2016  
(54) Controlling distribution of resources on a network  
(62) 2013318418

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(71) Alder Biopharmaceuticals, Inc.  
(21) 2016256810 (22) 11.11.2016  
(54) Antagonists of IL-6 to prevent or treat thrombosis  
(62) 2013203892

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(71) Amarin Pharmaceuticals Ireland Limited  
(21) 2016256822 (22) 11.11.2016  
(54) Compositions and Methods for Lowering Levels of High-Sensitivity (hs-CRP) in a Subject  
(62) 2013207368

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(71) Amicrobe, Inc.  
(21) 2016259282 (22) 14.11.2016  
(54) Compositions and uses of antimicrobial materials with tissue-compatible properties  
(62) 2013235336

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(71) Antecip Bioventures II LLC  
(21) 2016256701 (22) 08.11.2016  
(54) COMPOSITIONS COMPRISING ZOLEDRONIC ACID OR RELATED COMPOUNDS FOR RELIEVING INFLAMMATORY PAIN AND RELATED CONDITIONS  
(62) 2013262995

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(71) Anthrogenesis Corporation  
(21) 2016256718 (22) 09.11.2016

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(54) TREATMENT OF INFLAMMATORY DISEASES USING PLACENTAL STEM CELLS  
(62) 2014203165

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(71) Architectural Window Systems Pty Ltd  
(21) 2016256707 (22) 09.11.2016  
(54) A sub-head assembly for a door or window  
(31) 2016900082 (32) 12.01.16 (33) AU

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(71) Aristocrat Technologies Australia Pty Limited  
(21) 2016256799 (22) 11.11.2016  
(54) A GAMING SYSTEM AND A METHOD OF GAMING  
(62) 2014202940

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(71) Ark Corporation Pty Ltd  
(21) 2016256739 (22) 09.11.2016  
(54) An illuminated electrical services socket  
(31) 2015904604 (32) 09.11.15 (33) AU

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(71) Aucamp, F.  
(21) 2016256723 (22) 09.11.2016  
(54) Street Sign  
(31) 2015904585 (32) 09.11.15 (33) AU

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(71) Avery Dennison Corporation  
(21) 2016256800 (22) 11.11.2016  
(54) PRESSURE SENSITIVE ADHESIVES PREPARED FROM MALEATED VEGETABLE OILS AND EXPOXIDIZED VEGETABLE OILS  
(62) 2013355160

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(71) Azuma Design Pty Limited  
(21) 2016256792 (22) 11.11.2016  
(54) A window balance  
(31) 2015904969 (32) 01.12.15 (33) AU

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(71) Baker Hughes Incorporated  
(21) 2016256703 (22) 08.11.2016  
(54) Tubular anchoring system and a seat for use in the same  
(62) 2013212690

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(71) BASF Plant Science Company GmbH  
(21) 2016256724 (22) 09.11.2016  
(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants  
(62) 2016201517

## Complete Applications Filed - Name Index cont'd

|                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (71) BASF Plant Science Company GmbH<br>(21) 2016256725 (22) 09.11.2016<br>(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants<br>(62) 2016201517 | ATION USING TWO AC COUPLING WIRES<br>(31) 62/259,370 (32) 24.11.15 (33) US<br>15/340,547 01.11.16 US                                                                                                                                                                 | (71) Caterpillar Inc.<br>(21) 2016256687 (22) 08.11.2016<br>(54) CONTROL SYSTEM FOR LADDER AND MACHINE USING THE SAME<br>(31) 14/945,777 (32) 19.11.15 (33) US                                            |
| (71) BASF Plant Science Company GmbH<br>(21) 2016256726 (22) 09.11.2016<br>(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants<br>(62) 2016201517 | (71) Biosense Webster (Israel) Ltd.<br>(21) 2016259310 (22) 15.11.2016<br>(54) BASKET CATHETER WITH AN IMPROVED SEAL<br>(31) 14/960,777 (32) 07.12.15 (33) US                                                                                                        | (71) Caterpillar Inc.<br>(21) 2016256689 (22) 08.11.2016<br>(54) GENERATOR SET HAVING COUPLING MEMBER BETWEEN FLY-WHEEL AND GENERATOR<br>(31) 14/951,574 (32) 25.11.15 (33) US                            |
| (71) Bedloe Industries LLC<br>(21) 2016256795 (22) 11.11.2016<br>(54) Use of no-bake mold process to manufacture railroad couplers<br>(62) 2011203691                                                               | (71) Biosense Webster (Israel) Ltd.<br>(21) 2016259311 (22) 15.11.2016<br>(54) MULTILAYER SPLIT ABLATION ELECTRODE<br>(31) 14/960,779 (32) 07.12.15 (33) US                                                                                                          | (71) Caterpillar Inc.<br>(21) 2016256719 (22) 09.11.2016<br>(54) STEERING CONTROL SYSTEM FOR MULTI-PATH ELECTRIC DRIVE<br>(31) 14/955,510 (32) 01.12.15 (33) US                                           |
| (71) Bendix Commercial Vehicle Systems LLC<br>(21) 2016256762 (22) 10.11.2016<br>(54) Controller and method for monitoring trailer brake applications<br>(31) 14/944,261 (32) 18.11.15 (33) US                      | (71) Biosense Webster (Israel) Ltd.<br>(21) 2016259312 (22) 15.11.2016<br>(54) DUAL NODE MULTIRAY ELECTRODE CATHETER<br>(31) 14/964,298 (32) 09.12.15 (33) US                                                                                                        | (71) CATERPILLAR INC.<br>(21) 2016256690 (22) 08.11.2016<br>(54) SYSTEM AND METHOD FOR CONNECTING AN OPERATOR WITH WORKSITE OPERATIONS<br>(31) 62/257,963 (32) 20.11.15 (33) US<br>15/333,250 25.10.16 US |
| (71) Bendix Commercial Vehicle Systems LLC<br>(21) 2016256763 (22) 10.11.2016<br>(54) Parking brake controller and method to maintain a trailer air supply<br>(31) 14/928,125 (32) 18.11.15 (33) US                 | (71) BLUESCOPE STEEL LIMITED<br>(21) 2016256842 (22) 14.11.2016<br>(54) METAL-COATED STEEL STRIP<br>(62) 2014253547                                                                                                                                                  | (71) Celgene Avilomics Research, Inc.<br>(21) 2016256754 (22) 10.11.2016<br>(54) Heteroaryl Compounds and Uses Thereof<br>(62) 2015202675                                                                 |
| (71) BGC Partners, Inc.<br>(21) 2016256702 (22) 08.11.2016<br>(54) SYSTEM FOR REPLENISHING QUANTITIES OF TRADING ORDERS<br>(62) 2014202836                                                                          | (71) Canon Kabushiki Kaisha<br>(21) 2016256778 (22) 10.11.2016<br>(54) A method for improving tracking in crowded situations using rival compensation<br>(62) 2013242830                                                                                             | (71) CHANGEHUD PTY LIMITED<br>(21) 2016256835 (22) 11.11.2016<br>(54) Methods, systems and user interfaces for behavioral learning<br>(31) PCT/ (32) 15.05.15 (33) KR<br>IB2015/001508                    |
| (71) BHP Billiton Nickel West Pty Ltd<br>(21) 2016256773 (22) 10.11.2016<br>(54) PROCESS FOR SELECTIVE ACID LEACHING NICKEL AND COBALT FROM A MIXED HYDROXIDE INTERMEDIATE<br>(31) 2015905097 (32) 09.12.15 (33) AU | (71) Capstan Ag Systems, Inc.<br>(21) 2016256695 (22) 08.11.2016<br>(54) Fluid application systems including pressure dampeners<br>(31) 62/301,844 (32) 01.03.16 (33) US<br>15/343,691 04.11.16 US                                                                   | (71) Cheyne, B.<br>(21) 2016256740 (22) 09.11.2016<br>(54) SHADE APPARATUS                                                                                                                                |
| (71) Biosense Webster (Israel) Ltd.<br>(21) 2016256696 (22) 08.11.2016<br>(54) ABLATING AND SENSING ELECTRODES<br>(31) 14/962,831 (32) 08.12.15 (33) US                                                             | (71) Capstan Ag Systems, Inc.<br>(21) 2016256697 (22) 08.11.2016<br>(54) Systems and methods for determining and visually depicting spray band length of an agricultural fluid application system<br>(31) 62/301,833 (32) 01.03.16 (33) US<br>15/343,713 04.11.16 US | (71) Chi, Y.<br>(21) 2016256704 (22) 08.11.2016<br>(54) Pharmaceutical composition increasing cyclic AMP content and availability in vivo, and preparation method thereof<br>(62) 2012387645              |
| (71) Biosense Webster (Israel) Ltd.<br>(21) 2016259309 (22) 15.11.2016<br>(54) ENHANCED SAFETY METHOD AND SYSTEM FOR DIGITAL COMMUNIC-                                                                              | (71) Caris MPI, Inc.<br>(21) 2016256748 (22) 10.11.2016<br>(54) MOLECULAR PROFILING FOR CANCER<br>(62) 2012267888                                                                                                                                                    | (71) Chowdhury, M.<br>(21) 2016256705 (22) 08.11.2016<br>(54) TEACUP LINER SERIES WITH VARYING MOUTHPIECE FLEXIBILITY<br>(62) 2015203022                                                                  |
|                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      | (71) Conair Corporation<br>(21) 2016256699 (22) 08.11.2016<br>(54) Food steamer<br>(31) 14/935,605 (32) 09.11.15 (33) US                                                                                  |

Complete Applications Filed - Name Index cont'd

(71) Cook Medical Technologies LLC  
(21) 2016256777 (22) 10.11.2016  
(54) TEMPORARY DIAMETER REDUC-  
TION CONSTRAINT ARRANGEMENT  
FOR A STENT GRAFT IN COMBINA-  
TION WITH A STENT GRAFT

(71) Covidien LP  
(21) 2016256744 (22) 10.11.2016  
(54) Systems and methods for ultrasound  
image-guided ablation antenna place-  
ment  
(31) 15/342,157 (32) 03.11.16 (33) US  
62/256,509 17.11.15 US

(71) Covidien LP  
(21) 2016256746 (22) 10.11.2016  
(54) Flexible microwave catheters for natural  
or artificial lumens  
(62) 2015243789

(71) Covidien LP  
(21) 2016256747 (22) 10.11.2016  
(54) Surgical instrument buttress attachment  
(62) 2014227480

(71) Covidien LP  
(21) 2016256761 (22) 10.11.2016  
(54) Target identification tool for intra-lumen-  
al localization  
(62) 2012275278

(71) Covidien LP  
(21) 2016256827 (22) 11.11.2016  
(54) System and method for thermal man-  
agement of electronic devices  
(31) 15/339,988 (32) 01.11.16 (33) US  
62/254,791 13.11.15 US

(71) DANISCO US INC.  
(21) 2016256734 (22) 09.11.2016  
(54) METHODS OF FOAM CONTROL  
(62) 2012236504

(71) Darling, M.  
(21) 2016256735 (22) 09.11.2016  
(54) System and Method of Event Se-  
quencing and Record Automation For  
Healthcare  
(62) 2011216217

(71) DARLING, M.  
(21) 2016256733 (22) 09.11.2016  
(54) System and Method of Event Se-  
quencing and Record Automation For  
Healthcare  
(62) 2011216217

DELP Engenharia Mecânica S/A see  
PETRÓLEO BRASILEIRO S.A. - PETRO-  
BRAS  
(21) 2016256729

(71) Dezinal Pty Ltd  
(21) 2016256750 (22) 10.11.2016  
(54) A DRAIN GRATE ASSEMBLY  
(31) 2016901384 (32) 14.04.16 (33) AU

(71) Di Biaggio, R.  
(21) 2016256837 (22) 14.11.2016  
(54) ROCKING PLYOMETRIC DEVICE  
FOR BAREFOOT EXERCISE  
(31) 2015904703 (32) 14.11.15 (33) AU

(71) DISH Network Corporation  
(21) 2016256844 (22) 14.11.2016  
(54) ASYMMETRIC TDD IN FLEXIBLE USE  
SPECTRUM  
(62) 2015200916

(71) DSG Technology Holdings Ltd  
(21) 2016256727 (22) 09.11.2016  
(54) ARTICLE WITH ELASTIC DISTRIBU-  
TION AND SYSTEM AND METHOD  
FOR MAKING SAME  
(62) 2011302649

(71) DSM IP Assets B.V.  
(21) 2016256769 (22) 10.11.2016  
(54) EICOSAPENTAENOIC ACID-PRODU-  
CING MICROORGANISMS, FATTY  
ACID COMPOSITIONS, AND METH-  
ODS OF MAKING AND USES THERE-  
OF  
(62) 2012285803

(71) Ecoglo International Limited  
(21) 2016256679 (22) 08.11.2016  
(54) A PHOTOLUMINESCENT SIGN,  
LIGHT SOURCE AND METHOD OF  
USE  
(31) 715019 (32) 10.12.15 (33) NZ

(71) Elastagen Pty Ltd  
(21) 2016256813 (22) 11.11.2016  
(54) PREPARATION AND/OR FORMULA-  
TION OF PROTEINS CROSS-LINKED  
WITH POLYSACCHARIDES  
(62) 2011334599

(71) ELECTRO-MOTIVE DIESEL, INC.  
(21) 2016256721 (22) 09.11.2016  
(54) GEO-FENCE CONTROL OF A NOTI-  
FICATION SYSTEM  
(31) 14/954,122 (32) 30.11.15 (33) US

(71) Ellis, G.  
(21) 2016256824 (22) 11.11.2016  
(54) Storage Bag  
(31) 2016903915 (32) 27.09.16 (33) AU  
2015904695 13.11.15 AU

(71) Endo Pharmaceuticals Inc.  
(21) 2016256819 (22) 11.11.2016  
(54) AMINOINDANE COMPOUNDS AND  
USE THEREOF IN TREATING PAIN  
(62) 2012219254

(71) FCI Holdings Delaware, Inc.  
(21) 2016256811 (22) 11.11.2016  
(54) Anchoring Mechanism  
(31) 2015905138 (32) 11.12.15 (33) AU

(71) Fiorenzato M.C. SRL  
(21) 2016256785 (22) 10.11.2016  
(54) Automatic Calibration process for cof-  
fee grinder-doser apparatuses with  
weighing device and electronic grinder-  
doser apparatus  
(31) 102015000018111 (32) 27.05.15 (33) IT

(71) FIORENZATO M.C. SRL  
(21) 2016256783 (22) 10.11.2016  
(54) Process and apparatus for grinding and  
dosing coffee beans with automatic and  
continuous dose calibration  
(31) 102015000071452 (32) 11.11.15 (33) IT

(71) Fluke Corporation  
(21) 2016256717 (22) 09.11.2016  
(54) System and method for applying ag-  
gregated cable test result data  
(31) 14/951,587 (32) 25.11.15 (33) US

(71) Fluke Corporation  
(21) 2016256720 (22) 09.11.2016  
(54) System and method for cloud-service  
asset management for portable com-  
puter test tools  
(31) 14/940,531 (32) 13.11.15 (33) US

(71) Food Safety Technology, LLC  
(21) 2016256691 (22) 08.11.2016  
(54) OZONATED LIQUID DISPENSING  
UNIT  
(62) 2014207407

(71) Forever Young International, Inc.  
(21) 2016256775 (22) 10.11.2016  
(54) Self-heated consumer spa products  
and applications thereof  
(62) 2010281449

(71) Gas Technology Institute  
(21) 2016256807 (22) 11.11.2016  
(54) Producing fractionated and upgraded  
fuels from biomass  
(62) 2013327484

(71) GENENTECH, INC.  
(21) 2016256692 (22) 08.11.2016

Complete Applications Filed - Name Index cont'd

(54) Predicting progression to advanced age-related macular degeneration using a polygenic score  
(62) 2011323487

(71) GENENTECH, INC.  
(21) 2016256788 (22) 11.11.2016  
(54) Cysteine engineered antibodies and conjugates  
(62) 2011265054

(71) General Electric Company  
(21) 2016256752 (22) 10.11.2016  
(54) IMAGE SENSOR CONTROLLED LIGHTING FIXTURE  
(31) 14/937,408 (32) 10.11.15 (33) US

(71) GIANT MANUFACTURING CO., LTD  
(21) 2016256815 (22) 11.11.2016  
(54) HYDRAULIC DISC BRAKE DEVICE FOR A BICYCLE

(71) Giesecke & Devrient GmbH  
(21) 2016256797 (22) 11.11.2016  
(54) Security element, and value document comprising such a security element  
(62) 2011273910

(71) Gilead Sciences, Inc.  
(21) 2016256820 (22) 11.11.2016  
(54) Therapeutic and diagnostic methods related to lysyl oxidase-like 2 (LOXL2)  
(62) 2013337908

(71) GlobelImmune, Inc.  
(21) 2016256751 (22) 10.11.2016  
(54) Yeast-based therapeutic for chronic hepatitis B infection  
(62) 2012214394

(71) GOLD RYTHMN PTY LTD  
(21) 2016256812 (22) 11.11.2016  
(54) PRODUCT OR PROCESS FOR MODIFYING SKIN AND SPRAYING APPARATUS  
(62) 2011253768

(71) HARRIS INTELLECTUAL PROPERTY, LP  
(21) 2016256767 (22) 10.11.2016  
(54) SYSTEM AND METHOD FOR TRACKING PURCHASES  
(62) 2010275005

(71) HBG IP Holding Pty Ltd  
(21) 2016256730 (22) 09.11.2016  
(54) A Child Restraint for a Vehicle  
(62) 2011200416

(71) Heat Recovery Solutions Ltd  
(21) 2016256706 (22) 09.11.2016

(54) Heat exchange unit  
(62) 2011256963

(71) HYDRO-QUEBEC  
(21) 2016259283 (22) 14.11.2016  
(54) System and method for treating an amorphous alloy ribbon  
(62) 2010321636

(71) IGT  
(21) 2016256843 (22) 14.11.2016  
(54) Electronic Gaming Device  
(62) 2013252345

(71) ImThera Medical, Inc.  
(21) 2016256683 (22) 08.11.2016  
(54) Stimulation of a hypoglossal nerve for controlling the position of a patient's tongue  
(62) 2013263068

(71) Incarda Therapeutics, Inc.  
(21) 2016256776 (22) 10.11.2016  
(54) Unit doses, aerosols, kits, and methods for treating heart conditions by pulmonary administration  
(62) 2013248242

(71) InFirst Healthcare Limited  
(21) 2016256741 (22) 09.11.2016  
(54) DRUG COMBINATIONS AND USES IN TREATING A COUGHING CONDITION  
(62) 2012280019

(71) InFirst Healthcare Limited  
(21) 2016256804 (22) 11.11.2016  
(54) SOLID SOLUTION COMPOSITIONS AND USE IN CHRONIC INFLAMMATION  
(62) 2014204735

(71) Innovation Hammer LLC  
(21) 2016256817 (22) 11.11.2016  
(54) METHODS FOR RENDERING MICELLAR COORDINATION COMPLEXES SAFE FOR THE TREATMENT OF PLANTS AND FORMULATIONS FOR SAME  
(62) 2013266917

Institute for Research in Biomedicine (IRB)  
see Regeneron Pharmaceuticals, Inc.  
(21) 2016259284

(71) InterDigital Patent Holdings, Inc.  
(21) 2016256688 (22) 08.11.2016  
(54) Local/remote IP traffic access and selective IP traffic offload service continuity  
(62) 2012236088

(71) InterDigital Patent Holdings, Inc.  
(21) 2016256834 (22) 11.11.2016  
(54) Triggering devices that are not attached to a wireless network  
(62) 2011352162

(71) Janssen Sciences Ireland UC  
(21) 2016256732 (22) 09.11.2016  
(54) Pyrimidine derivatives for the treatment of viral infections  
(62) 2012238564

(71) Jenkins III, A.  
(21) 2016259301 (22) 14.11.2016  
(54) Coupling Device and Smart Fabric System  
(62) 2013203885

(71) JLG Industries, Inc.  
(21) 2016256781 (22) 10.11.2016  
(54) WORK PLATFORM WITH PROTECTION AGAINST SUSTAINED INVOLUNTARY OPERATION  
(31) 14/950,845 (32) 24.11.15 (33) US

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2016256757 (22) 10.11.2016  
(54) BIOMEDICAL ENERGIZATION ELEMENTS WITH POLYMER ELECTROLYTES AND CAVITY STRUCTURES  
(31) 14/949,963 (32) 24.11.15 (33) US

(71) Johnson & Johnson Vision Care, Inc.  
(21) 2016256758 (22) 10.11.2016  
(54) BIOMEDICAL ENERGIZATION ELEMENTS WITH POLYMER ELECTROLYTES  
(31) 14/949,950 (32) 24.11.15 (33) US

(71) Kao, J.  
(21) 2016256680 (22) 08.11.2016  
(54) SOCKET HOLDING FRAME

(71) Kendall, J.  
(21) 2016256677 (22) 08.11.2016  
(54) AN IRRIGATION DEVICE  
(61) 2016204601

(71) Kimberly-Clark Worldwide, Inc.  
(21) 2016256708 (22) 09.11.2016  
(54) Disposable absorbent pad  
(62) 2012335294

(71) Kimberly-Clark Worldwide, Inc.  
(21) 2016256710 (22) 09.11.2016  
(54) Disposable absorbent pad  
(62) 2012335294

(71) KOLEX PTY LIMITED  
(21) 2016256768 (22) 10.11.2016



## Complete Applications Filed - Name Index cont'd

(54) WEATHER RESISTANT POWER OUT-LETS  
(62) 2011204973

(71) Koninklijke Philips N.V.  
(21) 2016256742 (22) 10.11.2016  
(54) Cooling air duct for IH electric pressure cooker  
(31) 201610918507.4 (32) 24.10.16 (33) CN  
201520888944.7 10.11.15 CN  
201510759661.7 10.11.15 CN

(71) Lewmar Limited  
(21) 2016256801 (22) 11.11.2016  
(54) Retractable thruster  
(31) 1519998.7 (32) 12.11.15 (33) GB

(71) Life Technologies Corporation  
(21) 2016256736 (22) 09.11.2016  
(54) Cell culture medium comprising small peptides  
(62) 2016200611

(71) Listen Technologies Corporation  
(21) 2016256839 (22) 14.11.2016  
(54) INFRARED AUDIO SYSTEMS AND RELATED METHODS  
(31) 14/942,779 (32) 16.11.15 (33) US

(71) Lou, K.  
(21) 2016256737 (22) 09.11.2016  
(54) MULTILAYER ARTIFICIAL HONEY-COMB  
(31) 16103849.9 (32) 05.04.16 (33) HK

(71) MCNICOL, M.; ORCA GROUP LIMITED  
(21) 2016256833 (22) 11.11.2016  
(54) ROTATING BEACON  
(62) PCT/AU2015/050200

(71) MEGGITT (MARYLAND) INC.  
(21) 2016256671 (22) 07.11.2016  
(54) Hermetically sealed hydrophones with very low acceleration sensitivity  
(31) 62/255,888 (32) 16.11.15 (33) US  
14/977,059 21.12.15 US

(71) Metactive Medical, Inc.  
(21) 2016256789 (22) 11.11.2016  
(54) DETACHABLE METAL BALLOON DELIVERY DEVICE AND METHOD  
(62) 2012207386

(71) Metalform (Dannevirke) Limited  
(21) 2016256743 (22) 10.11.2016  
(54) SPRAYING APPARATUS AND METHODS AND COMPONENTS RELATING TO SPRAYING APPARATUS  
(62) 2011258978

(71) Millennium Pharmaceuticals, Inc.  
(21) 2016256700 (22) 08.11.2016  
(54) Boronate ester compounds and pharmaceutical compositions thereof  
(62) 2013204534

(71) MONKIMANGO PTY LTD  
(21) 2016253564 (22) 02.11.2016  
(54) the Magic Way ear-plugging product is a pair of earbuds designed as a hair banner functioned on 3-layered components: Basic Original+Magic Cushion+Magic Attachments. 1 the Basic Original: finely designated bluetooth-earbuds 2.the Magic Cushion: there are four magnetic click-ons, 2 on the sides and 2 on the top, thus any decorative bits like netted floral patterned dress-ups could be placed onto the main body through 3. the Magic Attachments. the rest light bits are all connected to the Magic Cushion's underlaid dual tracks with a tiny trio magnetic system  
(31) 2016904388 (32) 28.10.16 (33) AU

(71) Nestec S.A.  
(21) 2016256709 (22) 09.11.2016  
(54) Age-tailored nutritional composition with animal fats and vegetable fats  
(62) 2011331409

(71) Nestec S.A.  
(21) 2016256715 (22) 09.11.2016  
(54) Baked composition  
(62) 2014210632

(71) NETBIO, INC.  
(21) 2016256786 (22) 11.11.2016  
(54) METHODS AND COMPOSITIONS FOR RAPID MULTIPLEX AMPLIFICATION OF STR LOCI  
(62) 2012253271

(71) NITROSET, LLC  
(21) 2016256676 (22) 07.11.2016  
(54) Apparatus for installing fasteners and explosive loads for use therewith  
(62) 2011216159

(71) Novartis AG  
(21) 2016256694 (22) 08.11.2016  
(54) Use of an S1P receptor agonist  
(62) 2015202061

(71) Novartis AG  
(21) 2016256728 (22) 09.11.2016  
(54) Thiadiazole analogs thereof and methods for treating smn-deficiency-related-conditions  
(62) 2014209315

(71) Novomatic AG  
(21) 2016256756 (22) 10.11.2016

(54) Ball guide and method for guiding balls  
(62) 2012208276

(71) Novomatic AG  
(21) 2016256841 (22) 14.11.2016  
(54) Gaming devices and methods of operating them  
(62) 2012314743

(71) NTT DOCOMO, INC.  
(21) 2016256712 (22) 09.11.2016  
(54) Method and apparatus for motion compensation prediction  
(62) 2012272779

(71) Opacmare S.r.l.  
(21) 2016259303 (22) 15.11.2016  
(54) BALCONY WITH FOLDAWAY BARRIER, IN PARTICULAR FOR BOATS  
(31) 102015000073306 (32) 17.11.15 (33) IT

(71) Orbis Health Solutions, LLC  
(21) 2016256818 (22) 11.11.2016  
(54) COMPOSITIONS AND METHODS FOR TISSUE REGENERATION  
(62) 2013359392

ORCA GROUP LIMITED see MCNICOL, M.  
(21) 2016256833

(71) Oxair Holdings Pty Ltd; van den bos, M.  
(21) 2016256686 (22) 08.11.2016  
(54) Automatic nitrogen Gas stunner for animal slaughter

(71) Pace Holdings Pty Ltd  
(21) 2016256673 (22) 07.11.2016  
(54) Insert for a Tap  
(62) 2012245182

(71) Pantano Investments Pty Ltd  
(21) 2016256678 (22) 08.11.2016  
(54) Creation of Surface-Mounted Sills or Hobs on Cast-in-situ Concrete Building Slabs  
(62) 2015204404

(71) Park Assist LLC.  
(21) 2016256790 (22) 11.11.2016  
(54) Method and system for managing a parking lot based on intelligent imaging  
(62) 2011251660

(71) PerkinElmer Health Sciences, Inc.  
(21) 2016256798 (22) 11.11.2016  
(54) Sorbent devices and methods of using them  
(62) 2010300619

Complete Applications Filed - Name Index cont'd

**PETROLEO BRASILEIRO S.A. - PETROBRAS see Universidade Federal do Rio de Janeiro**  
(21) 2016256749

(71) PETROLEO BRASILEIRO S.A. - PETROBRAS  
(21) 2016258895 (22) 14.11.2016  
(54) Sealing gasket for piping systems and its manufacturing process  
(31) 10 2015 028821-2 (32) 17.11.15 (33) BR

(71) PETRÓLEO BRASILEIRO S.A. - PETROBRAS; DELP Engenharia Mecânica S/A  
(21) 2016256729 (22) 09.11.2016  
(54) Centrifugal separator  
(31) BR 10 2015 (32) 09.11.15 (33) BR 028129

(71) Pharnext  
(21) 2016256808 (22) 11.11.2016  
(54) New therapeutic approaches for treating CMT and related disorders  
(62) 2014202258

(71) Pioneer Waste Management Holdings Pty Limited  
(21) 2016256670 (22) 07.11.2016  
(54) Organic waste treatment system  
(62) 2013205579

(71) Regeneron Pharmaceuticals, Inc.; Institute for Research in Biomedicine (IRB); Yale University  
(21) 2016259284 (22) 14.11.2016  
(54) Humanized M-CSF mice  
(62) 2015202020

(71) ReGenesys BVBA  
(21) 2016256782 (22) 10.11.2016  
(54) EXPANSION OF STEM CELLS IN HOLLOW FIBER BIOREACTORS  
(62) 2012266404

(71) SALS INVENTION PTY LTD  
(21) 2016256793 (22) 11.11.2016  
(54) AN IMPROVED TILE SPACER ARRANGEMENT AND A METHOD OF LAYING TILES USING SAID TILE SPACER ARRANGEMENT  
(31) 2015904815 (32) 23.11.15 (33) AU

(71) Samsung Electronics Co., Ltd.  
(21) 2016256685 (22) 08.11.2016  
(54) AUDIO-ENCODING METHOD AND APPARATUS, AUDIO-DECODING METHOD AND APPARATUS, RECODING MEDIUM THEREOF, AND MULTIMEDIA DEVICE EMPLOYING SAME  
(62) 2012263093

(71) Schneider Electric USA, Inc.  
(21) 2016256821 (22) 11.11.2016  
(54) System And Method For Determining Utility Cost Savings  
(62) 2012249687

(71) Sekisui Specialty Chemicals America, LLC.  
(21) 2016256816 (22) 11.11.2016  
(54) PVP COPOLYMER FOR HARSH CHEMICAL PACKAGING  
(62) 2013334801

(71) SKIDMORE OWINGS & MERRILL LLP  
(21) 2016256780 (22) 10.11.2016  
(54) TIDAL RESPONSIVE BARRIER  
(62) 2010282537

(71) SomaLogic, Inc.  
(21) 2016256840 (22) 14.11.2016  
(54) Aptamers for Clostridium difficile diagnostics  
(62) 2012225273

(71) SpineCore, Inc.  
(21) 2016256759 (22) 10.11.2016  
(54) INSTRUMENTATION, METHODS, AND FEATURES FOR USE IN IMPLANTING AN ARTIFICIAL INTERVERTEBRAL DISC  
(62) 2014233617

(71) Stirling, S.  
(21) 2016256766 (22) 10.11.2016  
(54) Coolhotturbo  
(61) UNKNOWN

(71) Tait Limited  
(21) 2016259281 (22) 14.11.2016  
(54) HUNTING AND SCANNING ACROSS LMR AND IP NETWORKS  
(31) 2015904806 (32) 20.11.15 (33) AU 714188 13.11.15 NZ

(71) Taranaki Steelformers Limited  
(21) 2016256838 (22) 14.11.2016  
(54) Apparatus for safety on a roof  
(31) 715105 (32) 11.12.15 (33) NZ

(71) Tata Consultancy Services Limited  
(21) 2016259280 (22) 14.11.2016  
(54) MULTI-SENSOR VISUAL ANALYTICS  
(31) 4316/MUM/2015 (32) 13.11.15 (33) IN

(71) Tekmira Pharmaceuticals Corporation  
(21) 2016256809 (22) 11.11.2016  
(54) LIVER SCREENING METHOD  
(62) 2015200708

(71) Telefonaktiebolaget LM Ericsson (publ)  
(21) 2016256760 (22) 10.11.2016

(54) SECURITY KEY GENERATION FOR DUAL CONNECTIVITY  
(62) 2014213034

(71) Telstra Corporation  
(21) 2016256738 (22) 09.11.2016  
(54) Resource management in telecommunications networks  
(31) 2015904594 (32) 09.11.15 (33) AU

(71) Thayaparan, B.  
(21) 2016256693 (22) 08.11.2016  
(54) The Newton Perpetual Motion Machine is a Machine which uses the outside source of energy initially then it will work by newly discovered method. Albert Einsteins equation  $E=mc^2$  so energy is everything. But; Who made them as they are now? In the Quantum world; Everything is made of uncertain things the elementary particles So, we cannot able to say anything with absolute certainty. So, laws of thermodynamics. This machine may violate the first and second laws of thermodynamics so It might not make any general sense like a spooky action in a distance (Quantum entanglement). Energy is the law.

(71) The Boeing Company  
(21) 2016256681 (22) 08.11.2016  
(54) Normalized probability of change algorithm for image processing  
(31) 15/007,186 (32) 26.01.16 (33) US

(71) The Boeing Company  
(21) 2016256682 (22) 08.11.2016  
(54) Aircraft engine and associated method for driving the fan with the low pressure shaft during taxi operations  
(31) 14/988,267 (32) 05.01.16 (33) US

(71) The Boeing Company  
(21) 2016256684 (22) 08.11.2016  
(54) Inference and interpolation of continuous 4D trajectories  
(31) 14/992,469 (32) 11.01.16 (33) US

(71) The Boeing Company  
(21) 2016256791 (22) 11.11.2016  
(54) Systems and methods for protecting against high-radiant-flux light based on time-of-flight  
(31) 15/011,727 (32) 01.02.16 (33) US

(71) The Kingdom Of The Netherlands, Represented By The Minister of Health, Welfare and Sport  
(21) 2016254447 (22) 07.11.2016  
(54) Modified Streptococcus pneumoniae pneumolysin (PLY) polypeptides  
(62) 2013204613

## Complete Applications Filed - Name Index cont'd

(71) The Nielsen Company (US), LLC  
 (21) 2016256745 (22) 10.11.2016  
 (54) Methods and apparatus for efficient execution of modules  
 (62) 2014215583

(71) TMS Global Services Pty Ltd  
 (21) 2016256765 (22) 10.11.2016  
 (54) NOVELTY GAMING TECHNIQUES  
 (62) 2013245474

(71) Trudell Medical International  
 (21) 2016256805 (22) 11.11.2016  
 (54) Oscillating positive expiratory pressure device  
 (62) 2013350895

(71) Universidade Federal do Rio de Janeiro; PETROLEO BRASILEIRO S.A. - PETROBRAS  
 (21) 2016256749 (22) 10.11.2016  
 (54) Photochemical hydrogenation of heavy fractions of hydrocarbon streams  
 (31) 10 2015 028294-0 (32) 10.11.15 (33) BR

van den bos, M. see Oxair Holdings Pty Ltd  
 (21) 2016256686

(71) Vapogenix, Inc.  
 (21) 2016256787 (22) 11.11.2016  
 (54) NOVEL FORMULATIONS AND METHODS FOR TREATING DERMATOLOGICAL DISORDERS OR DISEASES  
 (62) 2012272933

(71) Vermeer Manufacturing Company  
 (21) 2016256832 (22) 11.11.2016  
 (54) Underground drilling apparatus  
 (62) 2011326583

(71) Viavi Solutions Inc.  
 (21) 2016256755 (22) 10.11.2016  
 (54) ARTICLE WITH A DYNAMIC FRAME FORMED WITH ALIGNED PIGMENT FLAKES  
 (62) 2013208064

(71) Victaulic Company  
 (21) 2016256714 (22) 09.11.2016  
 (54) Fitting for joining pipe elements  
 (62) 2013215631

(71) Weatherford Technology Holdings, LLC  
 (21) 2016256711 (22) 09.11.2016  
 (54) Volume synchronizer for tubular handling tools  
 (62) 2014265131

(71) Weatherford Technology Holdings, LLC  
 (21) 2016256716 (22) 09.11.2016

(54) Heave compensation system for assembling a drill string  
 (62) 2014366461

(71) WWS  
 (21) 2016256731 (22) 09.11.2016  
 (54) DEVICE FOR EXTRACTING WATER FROM THE AIR, AND SYSTEM AND MACHINE FOR THE PRODUCTION OF DRINKING WATER  
 (62) 2011231163

(71) Xu, D.  
 (21) 2016256836 (22) 12.11.2016  
 (54) The sole material is mainly made of EVA rubber foam and the rubber sheet.

(71) Xyleco, Inc.  
 (21) 2016256713 (22) 09.11.2016  
 (54) Bioprocessing  
 (62) 2015202753

Yale University see Regeneron Pharmaceuticals, Inc.  
 (21) 2016259284

(71) Younicos, Inc.  
 (21) 2016256722 (22) 09.11.2016  
 (54) CONTROLLING POWER CONVERSION SYSTEMS  
 (62) 2013328942

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| 2016253564 | MONKIMANGO PTY LTD                                                                       | 2016256737 | Lou, K.                                                                      |
| 2016254447 | The Kingdom Of The Netherlands, Represented By The Minister of Health, Welfare and Sport | 2016256738 | Telstra Corporation                                                          |
| 2016256670 | Pioneer Waste Management Holdings Pty Limited                                            | 2016256739 | Ark Corporation Pty Ltd                                                      |
| 2016256671 | MEGGITT (MARYLAND) INC.                                                                  | 2016256740 | Cheyne, B.                                                                   |
| 2016256672 | Accenture Global Solutions Limited                                                       | 2016256741 | InFirst Healthcare Limited                                                   |
| 2016256673 | Pace Holdings Pty Ltd                                                                    | 2016256742 | Koninklijke Philips N.V.                                                     |
| 2016256676 | NITROSET, LLC                                                                            | 2016256743 | Metalfarm (Dannevirke) Limited                                               |
| 2016256677 | Kendall, J.                                                                              | 2016256744 | Covidien LP                                                                  |
| 2016256678 | Pantano Investments Pty Ltd                                                              | 2016256745 | The Nielsen Company (US), LLC                                                |
| 2016256679 | Ecoglo International Limited                                                             | 2016256746 | Covidien LP                                                                  |
| 2016256680 | Kao, J.                                                                                  | 2016256747 | Covidien LP                                                                  |
| 2016256681 | The Boeing Company                                                                       | 2016256748 | Caris MPI, Inc.                                                              |
| 2016256682 | The Boeing Company                                                                       | 2016256749 | Universidade Federal do Rio de Janeiro; PETROLEO BRASILEIRO S.A. - PETROBRAS |
| 2016256683 | ImThera Medical, Inc.                                                                    | 2016256750 | Dezinal Pty Ltd                                                              |
| 2016256684 | The Boeing Company                                                                       | 2016256751 | Globelimmune, Inc.                                                           |
| 2016256685 | Samsung Electronics Co., Ltd.                                                            | 2016256752 | General Electric Company                                                     |
| 2016256686 | Oxair Holdings Pty Ltd; van den bos, M.                                                  | 2016256753 | Adobe Systems Incorporated                                                   |
| 2016256687 | Caterpillar Inc.                                                                         | 2016256754 | Celgene Avilomics Research, Inc.                                             |
| 2016256688 | InterDigital Patent Holdings, Inc.                                                       | 2016256755 | Viavi Solutions Inc.                                                         |
| 2016256689 | Caterpillar Inc.                                                                         | 2016256756 | Novomatic AG                                                                 |
| 2016256690 | CATERPILLAR INC.                                                                         | 2016256757 | Johnson & Johnson Vision Care, Inc.                                          |
| 2016256691 | Food Safety Technology, LLC                                                              | 2016256758 | Johnson & Johnson Vision Care, Inc.                                          |
| 2016256692 | GENENTECH, INC.                                                                          | 2016256759 | SpineCore, Inc.                                                              |
| 2016256693 | Thayaparan, B.                                                                           | 2016256760 | Telefonaktiebolaget LM Ericsson (publ)                                       |
| 2016256694 | Novartis AG                                                                              | 2016256761 | Covidien LP                                                                  |
| 2016256695 | Capstan Ag Systems, Inc.                                                                 | 2016256762 | Bendix Commercial Vehicle Systems LLC                                        |
| 2016256696 | Biosense Webster (Israel) Ltd.                                                           | 2016256763 | Bendix Commercial Vehicle Systems LLC                                        |
| 2016256697 | Capstan Ag Systems, Inc.                                                                 | 2016256764 | Adobe Systems Incorporated                                                   |
| 2016256699 | Conair Corporation                                                                       | 2016256765 | TMS Global Services Pty Ltd                                                  |
| 2016256700 | Millennium Pharmaceuticals, Inc.                                                         | 2016256766 | Stirling, S.                                                                 |
| 2016256701 | Antecip Bioventures II LLC                                                               | 2016256767 | HARRIS INTELLECTUAL PROPERTY, LP                                             |
| 2016256702 | BGC Partners, Inc.                                                                       | 2016256768 | KOLEX PTY LIMITED                                                            |
| 2016256703 | Baker Hughes Incorporated                                                                | 2016256769 | DSM IP Assets B.V.                                                           |
| 2016256704 | Chi, Y.                                                                                  | 2016256773 | BHP Billiton Nickel West Pty Ltd                                             |
| 2016256705 | Chowdhury, M.                                                                            | 2016256775 | Forever Young International, Inc.                                            |
| 2016256706 | Heat Recovery Solutions Ltd                                                              | 2016256776 | Incarda Therapeutics, Inc.                                                   |
| 2016256707 | Architectural Window Systems Pty Ltd                                                     | 2016256777 | Cook Medical Technologies LLC                                                |
| 2016256708 | Kimberly-Clark Worldwide, Inc.                                                           | 2016256778 | Canon Kabushiki Kaisha                                                       |
| 2016256709 | Nestec S.A.                                                                              | 2016256779 | Achelios Therapeutics, Inc.                                                  |
| 2016256710 | Kimberly-Clark Worldwide, Inc.                                                           | 2016256780 | SKIDMORE OWINGS & MERRILL LLP                                                |
| 2016256711 | Weatherford Technology Holdings, LLC                                                     | 2016256781 | JLG Industries, Inc.                                                         |
| 2016256712 | NTT DOCOMO, INC.                                                                         | 2016256782 | ReGenesys BVBA                                                               |
| 2016256713 | Xyleco, Inc.                                                                             | 2016256783 | FIORENZATO M.C. SRL                                                          |
| 2016256714 | Victaulic Company                                                                        | 2016256784 | BLUESCOPE STEEL LIMITED                                                      |
| 2016256715 | Nestec S.A.                                                                              | 2016256785 | Fiorenzato M.C. SRL                                                          |
| 2016256716 | Weatherford Technology Holdings, LLC                                                     | 2016256786 | NETBIO, INC.                                                                 |
| 2016256717 | Fluke Corporation                                                                        | 2016256787 | Vapogenix, Inc.                                                              |
| 2016256718 | Anthrogenesis Corporation                                                                | 2016256788 | GENENTECH, INC.                                                              |
| 2016256719 | Caterpillar Inc.                                                                         | 2016256789 | Metactive Medical, Inc.                                                      |
| 2016256720 | Fluke Corporation                                                                        | 2016256790 | Park Assist LLC.                                                             |
| 2016256721 | ELECTRO-MOTIVE DIESEL, INC.                                                              | 2016256791 | The Boeing Company                                                           |
| 2016256722 | Younicos, Inc.                                                                           | 2016256792 | Azuma Design Pty Limited                                                     |
| 2016256723 | Aucamp, F.                                                                               | 2016256793 | SALS INVENTION PTY LTD                                                       |
| 2016256724 | BASF Plant Science Company GmbH                                                          | 2016256794 | AirWatch LLC                                                                 |
| 2016256725 | BASF Plant Science Company GmbH                                                          | 2016256795 | Bedloe Industries LLC                                                        |
| 2016256726 | BASF Plant Science Company GmbH                                                          | 2016256796 | AgJunction LLC.                                                              |
| 2016256727 | DSG Technology Holdings Ltd                                                              | 2016256797 | Giesecke & Devrient GmbH                                                     |
| 2016256728 | Novartis AG                                                                              | 2016256798 | PerkinElmer Health Sciences, Inc.                                            |
| 2016256729 | PETRÓLEO BRASILEIRO S.A. - PETROBRAS; DELP Engenharia Mecânica S/A                       | 2016256799 | Aristocrat Technologies Australia Pty Limited                                |
| 2016256730 | HGB IP Holding Pty Ltd                                                                   | 2016256800 | Avery Dennison Corporation                                                   |
| 2016256731 | WWS                                                                                      | 2016256801 | Lewmar Limited                                                               |
| 2016256732 | Janssen Sciences Ireland UC                                                              | 2016256802 | Adobe Systems Incorporated                                                   |
| 2016256733 | DARLING, M.                                                                              | 2016256803 | Adobe Systems Incorporated                                                   |
| 2016256734 | DANISCO US INC.                                                                          | 2016256804 | InFirst Healthcare Limited                                                   |
| 2016256735 | Darling, M.                                                                              | 2016256805 | Trudell Medical International                                                |
| 2016256736 | Life Technologies Corporation                                                            | 2016256806 | ABT Holding Company                                                          |
|            |                                                                                          | 2016256807 | Gas Technology Institute                                                     |

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|------------|-----------------------------------------------------------------------------------------------|
| 2016256808 | Pharnext                                                                                      |
| 2016256809 | Tekmira Pharmaceuticals Corporation                                                           |
| 2016256810 | Alder Biopharmaceuticals, Inc.                                                                |
| 2016256811 | FCI Holdings Delaware, Inc.                                                                   |
| 2016256812 | GOLD RYTHMN PTY LTD                                                                           |
| 2016256813 | Elastagen Pty Ltd                                                                             |
| 2016256815 | GIANT MANUFACTURING CO., LTD                                                                  |
| 2016256816 | Sekisui Specialty Chemicals America, LLC.                                                     |
| 2016256817 | Innovation Hammer LLC                                                                         |
| 2016256818 | Orbis Health Solutions, LLC                                                                   |
| 2016256819 | Endo Pharmaceuticals Inc.                                                                     |
| 2016256820 | Gilead Sciences, Inc.                                                                         |
| 2016256821 | Schneider Electric USA, Inc.                                                                  |
| 2016256822 | Amarin Pharmaceuticals Ireland Limited                                                        |
| 2016256824 | Ellis, G.                                                                                     |
| 2016256825 | Abbott Diabetes Care Inc.                                                                     |
| 2016256827 | Covidien LP                                                                                   |
| 2016256832 | Vermeer Manufacturing Company                                                                 |
| 2016256833 | MCNICOL, M.; ORCA GROUP LIMITED                                                               |
| 2016256834 | InterDigital Patent Holdings, Inc.                                                            |
| 2016256835 | CHANGEBUD PTY LIMITED                                                                         |
| 2016256836 | Xu, D.                                                                                        |
| 2016256837 | Di Biaggio, R.                                                                                |
| 2016256838 | Taranaki Steelformers Limited                                                                 |
| 2016256839 | Listen Technologies Corporation                                                               |
| 2016256840 | SomaLogic, Inc.                                                                               |
| 2016256841 | Novomatic AG                                                                                  |
| 2016256842 | BLUESCOPE STEEL LIMITED                                                                       |
| 2016256843 | IGT                                                                                           |
| 2016256844 | DISH Network Corporation                                                                      |
| 2016258895 | PETROLEO BRASILEIRO S.A. - PETROBRAS                                                          |
| 2016259280 | Tata Consultancy Services Limited                                                             |
| 2016259281 | Tait Limited                                                                                  |
| 2016259282 | Amicrobe, Inc.                                                                                |
| 2016259283 | HYDRO-QUEBEC                                                                                  |
| 2016259284 | Regeneron Pharmaceuticals, Inc.; Institute for Research in Biomedicine (IRB); Yale University |
| 2016259300 | Accenture Global Solutions Limited                                                            |
| 2016259301 | Jenkins III, A.                                                                               |
| 2016259303 | Opacmare S.r.l.                                                                               |
| 2016259309 | Biosense Webster (Israel) Ltd.                                                                |
| 2016259310 | Biosense Webster (Israel) Ltd.                                                                |
| 2016259311 | Biosense Webster (Israel) Ltd.                                                                |
| 2016259312 | Biosense Webster (Israel) Ltd.                                                                |

## Innovation Patent Applications Filed

## Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Nov 2016 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(71) AgResearch Limited<br/>(21) 2016101953 (22) 08.11.2016<br/>(54) IMPROVED FRENCHING DEVICE AND METHOD OF USE<br/>(31) 715222 (32) 15.12.15 (33) NZ</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>(54) Hydroponic Container<br/>(31) 2015904692 (32) 13.11.15 (33) AU</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>(54) A Semi-Dual-Active-Bridge Converter System and Methods Thereof<br/>(31) 15/339,943 (32) 01.11.16 (33) US</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>(71) Aristocrat Technologies Australia Pty Limited<br/>(21) 2016101967 (22) 10.11.2016<br/>(54) A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME<br/>(62) 2015210489</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>(71) Framelock Structures Pty Ltd<br/>(21) 2016101961 (22) 09.11.2016<br/>(54) Pin Latching System For A Portable Barrier<br/>(62) PCT/AU2015/000310</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>(71) Newtton Enterprise Pty Ltd<br/>(21) 2016101959 (22) 08.11.2016<br/>(54) Heated Covering</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>(71) BHP Billiton Innovation Pty Ltd<br/>(21) 2016101969 (22) 10.11.2016<br/>(54) A MINING SYSTEM<br/>(31) 2016904012 (32) 04.10.16 (33) AU</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>(71) Grady, C.<br/>(21) 2016101957 (22) 08.11.2016<br/>(54) Ute 4 You -Ute 4 You is a ute hire invention. It is an online platform where consumers can access a privately owned ute through our company to transport, items/materials/rubbish from one destination to another. The consumer types in what they need to move and where it needs to go. The employees who have signed up to drive their ute for our company are able to win work by accepting the job that the consumer has posted on the online platform. They are then required to drive over collect whatever is to be transported and take it to the destination. profits are shared.</p> | <p>(71) Pynenburg, R.<br/>(21) 2016101952 (22) 08.11.2016<br/>(54) furniture spacer<br/>(31) 2015904694 (32) 13.11.15 (33) AU</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>(71) Bot Home Automation, Inc.<br/>(21) 2016101968 (22) 10.11.2016<br/>(54) Illuminated sign for wireless audio/video recording and communication devices<br/>(31) 62/332,321 (32) 05.05.16 (33) US</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>(71) INTELLIGENT LIGHTING CONTROL AUSTRALASIA PTY LIMITED<br/>(21) 2016101955 (22) 08.11.2016<br/>(54) We have designed an acrylic Lighting Faceplate ..1,2,3,4,5, &amp; 6 Gang faceplate The PCB has a connection module on it, which allows various Home Automation Systems, to connect to this connection module....which is hard-wired to the individual light push button The automation systems e.g. "HAI" can now use our modern looking faceplates for easy connection to their controller Faceplate includes propriety "Connection" module and propriety LEDs</p>                                                                                  | <p>(71) Rehman, F.<br/>(21) 2016101970 (22) 10.11.2016<br/>(54) An audio based emergency vehicle siren monitoring app that will recognise the siren of the emergency vehicles using multiple hardware and software sensors and automatically trigger an 'emergency alert sound' to the speakers of the vehicle or the earphones of the user. 'Emergency alert sound' will only be triggered slowing down the volume of the music only in the scenario the when the user is listening to the music on their device while walking or driving their vehicle. This app will only turn a emergency sound alarm on if if motion/movement is detected.</p> |
| <p>(71) Bramble, S.<br/>(21) 2016101972 (22) 11.11.2016<br/>(54) Online instore sales and product assistant. Located within a department / hardware or other variety or specialist store would be either a fixed tablet, PC or some other electronic device or stand which customers can use to directly contact, and talk face to face, with a representative from the organisation that manufactured that particular product. These representatives give expert advice and directly answer the customers questions face to face via a on-line meeting over the internet or other direct contact line. A customer service centre operated by the manufacturer services many stores.</p> | <p>(71) Linkin, S.<br/>(21) 2016101954 (22) 08.11.2016<br/>(54) Linkin Cranked Beam Adaptor</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>(71) STEEL, C.<br/>(21) 2016101942 (22) 03.11.2016<br/>(54) Builders 1200mm Rule</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>(71) Copley, S.<br/>(21) 2016101960 (22) 09.11.2016<br/>(54) A MOTOR VEHICLE ADVERTISING MEDIUM ARRANGEMENT AND METHOD AND/OR SCHEME FOR ESTABLISHING A WIDER THAN EXPECTED ADVERTISEMENT MEDIA BASE AND VIEWING AUDIENCE<br/>(62) 2011201377</p>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>(71) Macau University of Science and Technology<br/>(21) 2016101958 (22) 08.11.2016<br/>(54) Carbohydrate composition extracted from panax ginseng and its use in the treatment of ischemic conditions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>(71) TS Global Pty Limited<br/>(21) 2016101965 (22) 09.11.2016<br/>(54) Apparatus and System for a Belt Cleaner<br/>(31) 2015904642 (32) 11.11.15 (33) AU</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(71) Dharmasena, K.G.C.<br/>(21) 2016101963 (22) 09.11.2016</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>(71) Macau University of Science and Technology<br/>(21) 2016101962 (22) 09.11.2016</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>(71) Walton, A.<br/>(21) 2016101964 (22) 09.11.2016<br/>(54) IN CASE OF EMERGENCY (ICE) INFORMATION PACKAGE<br/>(31) 2015904603 (32) 09.11.15 (33) AU</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>(71) ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.<br/>(21) 2016101808 (22) 14.10.2016<br/>(54) HIGH-VOLTAGE DC RELAY</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>(71) ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.<br/>(21) 2016101809 (22) 14.10.2016</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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

**(54)** A BUSHING FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101810 **(22)** 14.10.2016

**(54)** A BUSHING FOR A HIGH-VOLTAGE DC RELAY CONVENIENT TO MOUNT

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101811 **(22)** 14.10.2016

**(54)** A FIRMER-FIXATION BUSHING FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101812 **(22)** 14.10.2016

**(54)** STRUCTURE FOR PREVENTING FALLING OF BUSHING FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101813 **(22)** 14.10.2016

**(54)** METAL MAGNETISM-CONDUCTING CLIP FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101814 **(22)** 14.10.2016

**(54)** LOW COST METAL MAGNETISM-CONDUCTING CLIP FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101815 **(22)** 14.10.2016

**(54)** HIGH-RELIABILITY METAL MAGNETISM-CONDUCTING CLIP FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101816 **(22)** 14.10.2016

**(54)** EASILY-MOLDED METAL MAGNETISM-CONDUCTING CLIP FOR A HIGH-VOLTAGE DC RELAY

**(71)** ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD.

**(21)** 2016101817 **(22)** 14.10.2016

**(54)** A HIGH-VOLTAGE DC RELAY WITH A METAL MAGNETISM-CONDUCTING CLIP

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101836 **(22)** 20.10.2016

**(54)** LEADING-OUT WIRE PROTECTION STRUCTURE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101837 **(22)** 20.10.2016

**(54)** AN ANTI-SCRATCH LEADING-OUT WIRE PROTECTION STRUCTURE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101838 **(22)** 20.10.2016

**(54)** A WATERPROOF LEADING-OUT WIRE PROTECTION STRUCTURE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101839 **(22)** 20.10.2016

**(54)** A HIGH-SAFETY LEADING-OUT WIRE PROTECTION STRUCTURE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101840 **(22)** 20.10.2016

**(54)** STRUCTURE FOR RIVETING A REAR END COVER AND A BEARING OF A MOTOR

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101841 **(22)** 20.10.2016

**(54)** A LONG-SERVICE-LIFE STRUCTURE FOR RIVETING A REAR END COVER AND A BEARING OF A MOTOR

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101842 **(22)** 20.10.2016

**(54)** AN ANTI-LOOSING STRUCTURE FOR RIVETING A REAR END COVER AND A BEARING OF A MOTOR

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101843 **(22)** 20.10.2016

**(54)** INTEGRATED PLASTIC BRUSH CARRIER

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101844 **(22)** 20.10.2016

**(54)** ANTI-BREAKDOWN INTEGRATED PLASTIC BRUSH CARRIER

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101845 **(22)** 20.10.2016

**(54)** INTEGRATED PLASTIC BRUSH CARRIER CAPABLE OF PREVENTING THE DAMAGE TO A LEADING-OUT WIRE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101851 **(22)** 21.10.2016

**(54)** EASILY-FIXED INTEGRATED PLASTIC BRUSH CARRIER

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101852 **(22)** 21.10.2016

**(54)** ROTOR CORE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101853 **(22)** 21.10.2016

**(54)** ROTOR CORE CONVENIENT FOR FIXATION OF MAGNETIC STEEL

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101854 **(22)** 21.10.2016

**(54)** LOW-NOISE ROTOR CORE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101855 **(22)** 21.10.2016

**(54)** HIGH-STABILITY ROTOR CORE

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101856 **(22)** 21.10.2016

**(54)** ROTOR CORE CAPABLE OF PROTECTING A SPINDLE AGAINST SCRATCHES

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101857 **(22)** 21.10.2016

**(54)** CLAMPING TOOLING FOR MILLING DOUBLE PLANES OF SHAFTS

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101858 **(22)** 21.10.2016

**(54)** LOW-COST CLAMPING TOOLING FOR MILLING DOUBLE PLANES OF SHAFTS

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101859 **(22)** 21.10.2016

**(54)** MULTI-STATION CLAMPING TOOLING FOR MILLING DOUBLE PLANES OF SHAFTS

**(71)** Zhejiang Jinguang Solar Technology Co., Ltd.

**(21)** 2016101860 **(22)** 21.10.2016

**(54)** CLAMPING TOOLING FOR MILLING DOUBLE PLANES OF SHAFTS WHICH IS CONVENIENT FOR FIXATION OF A WORKPIECE

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| <b>2016101812</b> | ZHEJIANG INNUOVO NEW ENERGY TECHNOLOGY CO., LTD. | <b>2016101855</b> | Zhejiang Jinguang Solar Technology Co., Ltd.         |
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| <b>2016101836</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101942</b> | STEEL, C.                                            |
| <b>2016101837</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101952</b> | Pynenburg, R.                                        |
| <b>2016101838</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101953</b> | AgResearch Limited                                   |
| <b>2016101839</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101954</b> | Linkin, S.                                           |
| <b>2016101840</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101955</b> | INTELLIGENT LIGHTING CONTROL AUSTRALASIA PTY LIMITED |
| <b>2016101841</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101957</b> | Grady, C.                                            |
| <b>2016101842</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101958</b> | Macau University of Science and Technology           |
| <b>2016101843</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101959</b> | Newton Enterprise Pty Ltd                            |
| <b>2016101844</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101960</b> | Copley, S.                                           |
| <b>2016101845</b> | Zhejiang Jinguang Solar Technology Co., Ltd.     | <b>2016101961</b> | Framelock Structures Pty Ltd                         |
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|                   |                                                  | <b>2016101970</b> | Rehman, F.                                           |
|                   |                                                  | <b>2016101972</b> | Bramble, S.                                          |

**Applications with amended filing dates Reg 3.5(A).**

2016101731 **Phillips, L.** The filing date has been amended to 11.11.2016



**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                                |
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| D  | Applications which have been accepted or advertised accepted                                           |
| E  | Patents on which an examination has not been requested                                                 |
| F  | Patents on which an examination has been requested or report issued                                    |
| G  | Patents Certified                                                                                      |
| N  | Applications not Open to Public Inspection                                                             |

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| 2010243362 ( 14 )  | 2010243646 ( 4C )  | 2010244727 ( 14 )  |
| 2010246208 ( 14 )  | 2010246213 ( 4C )  | 2010248045 ( 14 )  |
| 2010249046 ( 5C )  | 2010249218 ( 5C )  | 2010251790 ( 14 )  |
| 2010253529 ( 4C )  | 2010258081 ( 5C )  | 2010266097 ( 14 )  |
| 2010292065 ( 5C )  | 2010300065 ( 25D ) | 2010318721 ( 5C )  |
| 2010329883 ( 5C )  | 2010329974 ( 5C )  | 2010334686 ( 5C )  |
| 2010346630 ( 5C )  | 2010347732 ( 5C )  | 2010352074 ( 14 )  |
| 2010352359 ( 25D ) | 2010352374 ( 4C )  | 2010362254 ( 25D ) |
| 2010366670 ( 5C )  |                    |                    |

**2011**

|                    |                    |                   |
|--------------------|--------------------|-------------------|
| 2011100493 ( 22E ) | 2011200328 ( 25D ) | 2011200983 ( 5C ) |
| 2011201141 ( 14 )  | 2011202033 ( 14 )  | 2011203356 ( 14 ) |
| 2011203800 ( 5C )  | 2011207227 ( 5C )  | 2011207259 ( 5C ) |
| 2011213628 ( 5C )  | 2011217016 ( 5C )  | 2011218074 ( 5C ) |

2011231668 (5C) 2011232795 (14) 2011242824 (5C)  
 2011244247 (4C) 2011244875 (5C) 2011245005 (4C)  
 2011245125 (4C) 2011245307 (14) 2011245419 (4C)  
 2011245475 (4C) 2011246004 (4C) 2011246022 (14)  
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 2011246852 (4C) 2011247034 (14) 2011247141 (4D)  
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 2011247569 (4C) 2011247618 (14) 2011248536 (14)  
 2011248701 (14) 2011248754 (4C) 2011249138 (4C)  
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 2011344107 (5C) 2011346930 (5C) 2011351321 (5C)  
 2011357288 (25D) 2011369341 (5C)

## 2012

2012100485 (22G) 2012100502 (22E) 2012100525 (22E)  
 2012101916 (22E) 2012101929 (22E) 2012101939 (22E)  
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## 2013

2013100588 (22E) 2013100591 (22E) 2013100601 (22E)  
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 2013369596 (1B) 2013374261 (1B) 2013375197 (1B)  
 2013383523 (5C)

## 2014

2014100388 (22E) 2014100420 (22E) 2014100421 (22E)  
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 2014203668 (5C) 2014204426 (25D) 2014206141 (25D)  
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 2014280921 (4C) 2014280989 (5C) 2014335716 (1B)  
 2014336067 (1B) 2014338866 (1B) 2014351101 (5C)  
 2014393636 (12A)

## 2015

2015101691 (21F) 2015200426 (5C) 2015200485 (5C)  
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 2015201996 (4C) 2015202272 (25D) 2015202295 (5C)  
 2015202350 (5C) 2015202625 (5C) 2015205959 (5CN)  
 2015213264 (5C) 2015227386 (5C) 2015229830 (7A)  
 2015230776 (5CN) 2015230846 (5CN) 2015230848 (5CN)  
 2015230944 (5CN) 2015257668 (12A) 2015904583 (12AN)  
 2015904748 (12AN) 2015904814 (12AN)

## 2016

2016100078 (21F) 2016100125 (21F) 2016101499 (18AN)  
 2016101501 (18AN) 2016216729 (1B) 2016219561 (1B)  
 2016219601 (1B) 2016219603 (1B) 2016219701 (1B)  
 2016222364 (7AN) 2016901840 (12AN)

## Assignments before Grant, Section 113

### 2010

2010254260 Pacific Bioscience Laboratories, Inc. The application has been assigned to **L'OREAL**

2010303756 Chi-X Global Holdings LLC The application has been assigned to **Chi-X Asia Pacific Holdings Limited**

### 2011

2011219093 Ackland, Kerri; Ackland, Jonathan The application has been assigned to **PERFORMANCE LAB TECHNOLOGIES LIMITED**

2011336489 Intermetro Industries Corporation The application has been assigned to **TouchPoint Medical, Inc.**

### 2012

2012358244 Myriad Genetics, Inc.; Abkevich, Victor; Latchbury, Jerry; Gutin, Alexander; Timms, Kirsten The application has been assigned to **Myriad Genetics, Inc.**

## Assignments before Grant, Section 113

### 2013

2013223760 Tyco Electronics Corporation; Tyco Electronics (Shanghai) Co. Ltd. The application has been assigned to **CommScope Technologies LLC; ADC Telecommunications (Shanghai) Distribution Co., Ltd.**

2013356885 Tyco Electronics (Shanghai) Co. Ltd.; ADC Communications (Australia) Pty Limited The application has been assigned to **ADC Communications (Australia) Pty Limited; ADC Telecommunications (Shanghai) Distribution Co., Ltd.**

2013362878 Pitney Pharmaceuticals Pty Limited The application has been assigned to **NewSouth Innovations Pty Limited**

### 2014

2014200123 Alethia Biotherapeutics Inc. The application has been assigned to **Daiichi Sankyo Company, Limited**

2014223792 InterMetro Industries Corporation The application has been assigned to **TouchPoint Medical, Inc.**

2014229010 Brigham Young University The application has been assigned to **Nano Composition Products, Inc.**

2014273966 Biogen MA Inc. The application has been assigned to **Kiniksa Pharmaceuticals, Ltd.**

2014301463 Koninklijke Philips N.V. The application has been assigned to **Philips Lighting Holding B.V.**

2014373973 MicroDental Laboratories The application has been assigned to **Prosomnus Sleep Technologies Inc.**

2014391959 Smart Electronic Industrial (Dong Guan) Co., Ltd. The application has been assigned to **Smart Electronic Industrial (Dong Guan) Co., Ltd.; Zheng, Li**

### 2015

2015200349 Soulor Surgical Inc. The application has been assigned to **SurgiGyn, Inc.**

2015202639 Vuly Property Pty Ltd The application has been assigned to **Vuly IP Holdings No. 2 Pty Ltd**

2015202734 Vuly Property Pty Ltd The application has been assigned to **Vuly IP Holdings No. 2 Pty Ltd**

2015246631 CJC Projects Pty Ltd The application has been assigned to **Stage Solutions Pty Ltd**

2015249210 Centinel Solutions, Inc. The application has been assigned to **Centinel Shield, LLC**

2015905198 Offshore Innovations Pty Ltd The application has been assigned to **Exploding Fish Pty Ltd**

## Assignments before Grant, Section 113

### 2016

2016200064 University of Western Australia The application has been assigned to **Panorama Synergy Ltd**

2016228311 Soulor Surgical Inc. The application has been assigned to **SurgiGyn, Inc.**

2016902069 Litterick, Kelly The application has been assigned to **Hair Charms By Kela Pty Ltd**

2016903052 Litterick, Kelly The application has been assigned to **Hair Charms By Kela Pty Ltd**

## Extensions of Time, Section 223

### Applications Received

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

### 2004

2004292018 **ATI Technologies, Inc** An application to extend the time from 19 Nov 2015 to 19 Nov 2016 in which to pay a renewal fee has been filed . Address for service in Australia - Wrays 56 Ord St West Perth WA 6005

### 2006

2006235903 **Marine Protection Systems Pty Ltd** An application to extend the time from 03 Nov 2012 to 03 Nov 2016 in which to pay a renewal fee has been filed . Address for service in Australia - Lord & Company PO Box 530 West Perth WA 6872

### 2008

2008200797 **Oshana, J.** An application to extend the time from 18 Feb 2015 to 18 May 2016 in which to pay a renewal fee has been filed . Address for service in Australia - Peter Maxwell & Associates Level 6 60 Pitt Street Sydney NSW 2000

### 2012

2012216849 **Chang, C.** An application to extend the time from 01 Dec 2015 to 01 Sep 2016 in which to request Examination has been filed . Address for service in Australia - Baichun Sun 76 Westgate Way Marangaroo WA 6064

### 2013

2013100214 **ADAMS, P.J.** An application to extend the time from 26 Feb 2015 to 26 Nov 2016 in which to pay a renewal fee has been filed . Address for service in Australia - Davies Collison Cave Pty Ltd GPO Box 3876 SYDNEY NSW 2001

2013101082 **BLUEY AUSTRALIA PTY. LTD.** An application to extend the time from 13 Aug 2015 to 13 Nov 2016 in which to pay a renewal fee has been filed . Address for service in Australia - BLUEY AUSTRALIA PTY. LTD. PO BOX 1943 Bowral NSW 2576

2013265773 **Liu, J.** An application to extend the time from 25 Jul 2016 to 25 Mar 2017 in which to gain acceptance has been filed . Address for service in Australia - Jianwei Liu 10 Atkinson St Manunda QLD 4870

## Extensions of Time, Section 223

### Applications Allowed - Section 223(2)

#### 2008

2008323627 **MOOSE ENTERPRISES (AUST) PTY LTD** The time in which to pay a renewal fee has been extended to 14 Aug 2016 . Address for service in Australia - Griffith Hack GPO Box 1285 Melbourne VIC 3001

#### 2009

2009331497 **J Van Beugen Beheer B.V.** The time in which to pay a renewal fee has been extended to 23 Jul 2016 . Address for service in Australia - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000

#### 2010

2010306700 **Nocimed, LLC; The Regents of the University of California** The time in which to pay a continuation fee has been extended to 14 Jun 2016 . Address for service in Australia - Halfords IP Level 7 1 Market Street Sydney NSW 2000

#### 2013

2013101153 **Window Kingdom Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Aug 2016 . Address for service in Australia - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122

2013296548 **Exactech, Inc.** The time in which to enter the National Phase has been extended to 01 Oct 2015 . Address for service in Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606

#### 2014

2014204490 **Vanderbilt University** The time in which to pay the acceptance fee has been extended to 12 Nov 2016 . Address for service in Australia - Griffith Hack GPO Box 1285 Melbourne VIC 3001

2014253505 **Teraspan Networks Inc.** The time in which to pay the acceptance fee has been extended to 04 Aug 2016 . Address for service in Australia - Phillips Ormonde Fitzpatrick 333 Collins St Melbourne VIC 3000

2014292911 **Peaknrg** The time in which to enter the National Phase has been extended to 26 Aug 2016 . Address for service in Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001

2014298191 **Clark-Ward, Gary James** The time in which to enter the National Phase has been extended to 01 Jul 2016 . Address for service in Australia - Peter Maxwell & Associates PO Box R1466 Royal Exchange SYDNEY NSW 1225

#### 2015

2015200264 **Covidien LP** The time in which to pay a continuation fee has been extended to 24 Jun 2016 . Address for service in Australia - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000

#### 2016

2016247050 **Skynet Global Pty Ltd** The time in which to associate with a complete application has been extended to 12 Nov 2016 . Address for service in Australia - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595

## Extensions of Time, Section 223

Address for service in Australia - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595

### Section 223(1) Allowances

#### 2015

2015202340 **Snap-on Incorporated** The time in which to gain acceptance has been extended to 29 Oct 2017

## 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.

#### 2003

2003254411 A lifting or transporting means using a reciprocating jack **Formula One Self Driving Screens Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2016 . Address for service in Australia - Madderns Patent & Trade Mark Attorneys GPO Box 2752 ADELAIDE SA 5001

#### 2007

2007212648 Inhibitors of E1 activating enzyme **Millennium Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2016 . Address for service in Australia - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000

#### 2009

2009305200 Plastics container **Nampak Plastics Europe Limited** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2016 . Address for service in Australia - Griffith Hack GPO Box 1285 Melbourne VIC 3001

2009336194 Systems and methods for using a passageway through a subterranean strata **Tunget, B.** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2016 . Address for service in Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001

#### 2010

2010259971 Sublingual apomorphine **Cynapsus Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Oct 2016 . Address for service in Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606

#### 2011

2011203566 Systems and methods for using a passageway through a subterranean strata **Tunget, B.** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2016 . Address for service in

## Amendments

Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001

2011255464 Processes for preparing macrolides and ketolides and intermediates therefor **Cempra Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2016 . Address for service in Australia - Spruson & Ferguson L 35 St Martins Tower 31 Market St Sydney NSW 2000

## 2012

2012296622 Tenofovir alafenamide hemifumarate **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2016 . Address for service in Australia - Davies Collison Cave Pty Ltd 1 Nicholson ST Melbourne VIC 3000

2012297120 Construction profile and method and device for producing such a construction profile **Protektorwerk Florenz Maisch GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 21 Sep 2016 . Address for service in Australia - Wrays 56 Ord St West Perth WA 6005

## 2013

2013203544 Vial adaptors and vials for regulating pressure **ICU Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2016 . Address for service in Australia - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000

## 2014

2014236850 Robust crosstalk cancellation using a speaker array **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2016 . Address for service in Australia - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000

2014260424 Expandable wound dressings **Vomaris Innovations, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2016 . Address for service in Australia - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606

2014335574 Air-conditioning apparatus **Mitsubishi Electric Corporation** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2016 . Address for service in Australia - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000

## 2016

2016100209 Bunk Bed Assembly **Disc-O-Bed Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2016 . Address for service in Australia - Chrysiliou IP 114-115 Biztek 20 Dale Street Brookvale Sydney NSW 2100

## Amendments Made

## 2010

2010226391 **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jun 2016

## Amendments

## 2011

2011219093 **Ackland, K.; Ackland, J.** The nature of the amendment is: Amend the name of the inventor to read Ackland, Jonathan Edward Bell and Ackland, Kerri Anne

2011268104 **Akamai Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read Blumofe, Robert D.; Kanitkar, Vinay; Walther, Dane S. and Gero, Charles E.

2011289579 **Ecole Polytechnique Federale de Lausanne** The nature of the amendment is: Amend the name of the inventor to read Hubbell, Jeffrey A.; Kontos, Stephane and Dane, Karen Y.

2011331247 **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2016

2011358857 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 and 17 Aug 2016

## 2012

2012200812 **National ICT Australia Limited** The nature of the amendment is: Amend the name of the inventor to read CHEN, Fang and YU, Kun

2012206729 **Stopinc Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Nozzle Tube Changer Having a Dummy Plate for a Casting Device for Producing Metallurgic Products

2012222398 **VIB VZW; Universiteit Gent** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2016

2012272748 **Stryker Corporation** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2016

2012308416 **Ball Corporation** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2016

2012321106 **Millennium Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2016

2012345720 **Qualcomm Incorporated** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2016

2012375161 **Arcelormittal Investigacion Y Desarrollo SL** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2016

2012390305 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2016

## 2013

2013202973 **NOVARTIS AG** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2016

2013203600 **GTx, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2016

## Amendments

2013217639 **Contech Engineered Solutions LLC** The nature of the amendment is: Amend the name of the inventor to read Aston, Scott D.; Carfagno, Michael G. and Creamer, Philip A.

2013249529 **NextNav, LLC** The nature of the amendment is: Amend the name of the inventor to read Sendonaris, Andrew; Tang, Haochen and Krasner, Norman

2013252673 **LifeCell Corporation** The nature of the amendment is as shown in the statement(s) filed 17 Aug 2016

2013293974 **Fujiyakuhin Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Producing 4-[5-(Pyridin-4-yl)-1H-1,2,4-Triazol-3-yl]Pyridin-2-Carbonitrile, and Intermediate thereof

2013321956 **Daikin Industries, Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2016

2013322364 **Tate & Lyle Technology Limited; Tate & Lyle Ingredients Americas LLC** The nature of the amendment is: Amend the invention title to read 3-Epimerase

## 2014

2014101580 **Nomura Research Institute, Ltd.** The nature of the amendment is: Amend the name of the inventor to read Aramaki, Narumi and Saitoh, Nobuya

2014223616 **Tennant Company** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2016

2014226978 **Suntory Beverage & Food Limited** The nature of the amendment is: Amend the invention title to read Green Tea Beverage

2014239248 **Alere San Diego, Inc.** The nature of the amendment is: Amend the invention title to read 6-Acetylmorphine analogs, and methods for their synthesis and use

2014279478 **Sekisui Chemical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method of rehabilitating existing pipe and support member for rehabilitating pipe

2014292796 **Sammon, D.** The nature of the amendment is: Amend the name of the inventor to read SAMMON, Damien

2014298461 **Essilor International (Compagnie Generale d'Optique)** The nature of the amendment is: Amend the name of the inventor to read Archambeau, Samuel; Ballet, Jerome; Escaich, David; Fayolle, Romain; Perrot, Stephane; Cano, Jean-Paul; Guilloux, Cyril; Callier, Benoit and Yquel, Vincent

2014306021 **Arrowhead Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2016

2014307593 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 15 Aug 2016

2014310695 **MyCartis NV** The nature of the amendment is: Amend the name of the inventor to read Tornay, Raphael; Van Den Bogaard, Patrick; Demierre, Nicolas and Falconnet, Didier

## Amendments

2014330225 **Choi, W.S.** The nature of the amendment is: Amend the invention title to read A use of the mixture of a salt and sugar in the manufacture of a medicament employed for treating lax vagina syndrome or colpoxerosis disease in a mammal

2014392320 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read AUDIO CODING METHOD AND RELATED APPARATUS

2014395265 **Nisshin Steel Co., Ltd.** The nature of the amendment is: Amend the invention title to read Hot-dip Al-based Alloy Coated Steel Sheet Excellent in Workability

## 2015

2015205852 **Mitsubishi Heavy Industries, Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2016

2015218173 **Hendon Semiconductors Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2016

2015230363 **Clariant International Ltd; Clariant Masterbatches (Italia) S.p.A** The nature of the amendment is: Amend the name of the inventor to read Fava, Flavio; Steffanut, Pascal and Marson, Angelica

2015231097 **M2 Concepts And Design LLC** The nature of the amendment is: Amend the name of the inventor to read Marquis, Michael and MARQUIS, Gary

2015242363 **The University of Nottingham** The nature of the amendment is: Amend the name of the inventor to read Bottley, Andrew; Hayes, Christopher; Seymour, Graham; Grabowska, Anna and Clarke, Philip

2015243289 **Bio-Rad Innovations** The nature of the amendment is: Amend the invention title to read USE OF ABSORBENT PARTICLES TO IMPROVE SIGNAL DETECTION IN AN ANALYSIS METHOD

2015244493 **Thermtech Holding AS** The nature of the amendment is: Amend the name of the inventor to read Bikass, Saeed; Monsen, Stein-Kyrre and Michelsen, Erik

2015249445 **Macchiavelli S.r.l.** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2016

2015251650 **Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Structure Having Liquid Film on the Surface Thereof

2015252908 **Integral Biosystems LLC** The nature of the amendment is: Amend the name of the inventor to read Barman, Shikha P.; Thekkedath, Ritesh V.; Ward, Kevin; Cromwick, Anne-Marie and Barman, Koushik

2015254267 **Shimadzu Corporation** The nature of the amendment is: Amend the invention title to read Method for assessing state of differentiation of cells

2015254307 **Eisai R&D Management Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 03 and 08 Nov 2016

## Amendments

2015256667 **Agency for Science, Technology and Research** The nature of the amendment is: Amend the name of the inventor to read KURISAWA, Motoichi; Nunnarpas, Yongvongsoontorn; Ying, Jackie Y.; Chung, Joo Eun; Bae, Ki Hyun; Tan, Min-han and Lee, Esther

2015258133 **Beiersdorf AG** The nature of the amendment is: Amend the name of the inventor to read Fey, Sven; Moebius, Janne and BOELKE, Dana

2015258134 **Beiersdorf AG** The nature of the amendment is: Amend the name of the inventor to read Fey, Sven; Moebius, Janne and BOELKE, Dana

2015261131 **Paul Scherrer Institut** The nature of the amendment is: Amend the name of the inventor to read TURLER, Andreas; VAN DER MEULEN, Nicholas and BUNKA, Maruta

2015267200 **Cornell University; Memorial Sloan Kettering Cancer Center** The nature of the amendment is: Amend the name of the inventor to read BRADBURY, Michelle; YOO, Barney; WIESNER, Ulrich and MA, Kai

2015272643 **Hydraulic Power Systems Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method and apparatus for producing sodium borohydride

2015277578 **Newpark Mats & Integrated Services LLC** The nature of the amendment is: Amend the name of the inventor to read Bordelon, Randy Paul; Edwards Jr., Richard Lamar and McDowell, James Kerwin

2015288757 **Mitsubishi Rayon Co., Ltd.; Mitsubishi Chemical Engineering Corporation** The nature of the amendment is: Amend the name of the inventor to read KANO, Makoto; KARIYA, Takamitsu; BANBA, Hiroyasu; MAWATARIK, Tomohiko; KATO, Takeshi; HIRACHI, Tsutomu; TACHIBANA, Keizo; KAMIDE, Masahiro and MORIMOTO, Megumu

## 2016

2016101675 **ZHEJIANG LINUX MOTOR CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read Shan, Du

2016101906 **INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP** The nature of the amendment is: Amend the priority details to read 205070661 27 Oct 2015 CN

2016101907 **INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP** The nature of the amendment is: Amend the priority details to read 205070661 27 Oct 2015 CN

2016101908 **INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP** The nature of the amendment is: Amend the priority details to read 205070661 27 Oct 2015 CN

2016101909 **INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP** The nature of the amendment is: Amend the priority details to read 205070661 27 Oct 2015 CN

2016200283 **Al Hanbali, O.** The nature of the amendment is: Amend the invention title to read LEVIA: A New Injectable Parasitocidal Veterinary Formulation of Levamisole HCl and Ivermectin Solution

## Amendments

2016203164 **Koninklijke Douwe Egberts B.V.** The nature of the amendment is: Application is to proceed under the number 2016101987

2016203170 **Koninklijke Douwe Egberts B.V.** The nature of the amendment is: Application is to proceed under the number 2016101988

2016203182 **Koninklijke Douwe Egberts B.V.** The nature of the amendment is: Application is to proceed under the number 2016101990

2016235002 **Nanotherapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read FALKNER, Falko-Gunter; SCHAFER, Birgit; HESSEL, Annett; BARRETT, P. Noel; KREIL, Thomas R. and EHRlich, Hartmut

2016244223 **Otsuka Pharmaceutical Co., Ltd; GW Pharma Limited** The nature of the amendment is: Amend the name of the inventor to read WHALLEY, Benjamin; WILLIAMS, Claire; STEPHENS, Gary; FUTAMURA, Takashi and HILL, Thomas

2016253691 **HBG IP Holding Pty Limited** The nature of the amendment is: Amend Divisional Details to read: 212203174

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

## 2004

2004291816 **Mattersmiths Technologies Limited** The name of the patentee has been altered to **Koppers Performance Chemicals New Zealand**

## 2010

2010242174 **Mattersmiths Technologies Limited** The name of the patentee has been altered to **Koppers Performance Chemicals New Zealand**

## 2011

2011264410 **Debco Pty Ltd** The name of the patentee has been altered to **Australian Growing Solutions Pty Ltd**

2011283284 **Mattersmiths Technologies Limited** The name of the patentee has been altered to **Koppers Performance Chemicals New Zealand**

## 2012

2012203280 **Lend Lease Infrastructure Services Pty Ltd** The name of the applicant has been altered to **Lendlease Services Pty Limited**

2012316696 **ATI Properties, Inc.** The name of the applicant has been altered to **ATI Properties LLC**

2012385302 **King Industrial Limited.** The name of the applicant has been altered to **Apex Gold International Limited**

## 2013

2013245481 **Mattersmiths Technologies Limited** The name of the patentee has been altered to **Koppers Performance Chemicals New Zealand**

## Amendments

### 2014

2014216190 Bilfinger Water Technologies, Inc. The name of the applicant has been altered to **Aqseptence Group, Inc**

2014229794 Neemco Limited The name of the applicant has been altered to **NeemCo Limited**

2014292796 Sammon, Damian The name of the applicant has been altered to **Sammon, D.**

2014292911 PeakNRG The name of the applicant has been altered to **Orison Inc.**

2014378946 The Institute of Genetics And Developmental Biology Chinese Academy of Sciences The name of the applicant has been altered to **Institute of Genetics and Developmental Biology Chinese Academy of Sciences**

### 2015

2015230363 Clariant International Ltd The name of the applicant has been altered to **Clariant International Ltd; Clariant Masterbatches (Italia) S.p.A**

2015253313 Ellipse Technologies, Inc. The name of the applicant has been altered to **NuVasive Specialized Orthopedics, Inc.**

2015257275 Shalom Ohayon The name of the applicant has been altered to **NewGen Concepts, Inc.**

2015277177 Mr3 Medical, LLC The name of the applicant has been altered to **Mower, M.**

2015904962 Deakin University The name of the applicant has been altered to **Deakin University; Monash University**

### 2016

2016100920 Ladson , Norm The name of the patentee has been altered to **Ladson, N.**

2016253666 Torres Comércio E Processamento de Produtos Naturais Ltda ME.; EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Centre de Cooperation International en Recherche Agronomique pour le Developpement (CIRAD) The name of the applicant has been altered to **Torres Comércio E Processamento de Produtos Naturais Ltda ME.; EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD)**

2016903617 Fibre Sense Pty Ltd The name of the applicant has been altered to **Englund, M.**

2016904417 Fibre Sense Pty Ltd The name of the applicant has been altered to **Englund, M.**

2016904564 Proteus Wave Power The name of the applicant has been altered to **Proteus Wave Power 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-2016253667  
(21) 2016253667 (22) 04.11.2016  
(54) LIPIDATED IMMUNE RESPONSE MODIFIER COMPOUND COMPOSITIONS, FORMULATIONS, AND METHODS  
(51) Int. Cl.  
C07D 471/04 ( 2006.01 )  
A61K 31/47 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61K 47/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61P 37/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015202390  
(72) Wightman, Paul D.  
(74) Phillips Ormonde Fitzpatrick

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(71) ACIST Medical Systems, Inc.  
(11) AU-A-2016256664  
(21) 2016256664 (22) 07.11.2016  
(54) PHYSIOLOGICAL SENSOR DELIVERY DEVICE AND METHOD  
(51) Int. Cl.  
A61B 5/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015202756  
(72) Manstrom, Dale R.; Raatikka, Amy R.; Wilson, Robert F.; Miller, Edward R.  
(74) Fisher Adams Kelly Callinans

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(71) Alpharma Pharmaceuticals, LLC  
(11) AU-A-2016253674  
(21) 2016253674 (22) 04.11.2016  
(54) PHARMACEUTICAL COMPOSITION  
(51) Int. Cl.  
A01N 43/42 ( 2006.01 )  
A61K 9/28 ( 2006.01 )  
A61K 31/44 ( 2006.01 )  
(43) 24.11.2016  
(62) 2014216026  
(72) Liang, Alfred; Matthews, Frank; Boehm, Garth; Tang, Lijuan; Johnson, Frank; Stauffer, Joseph  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Antecip Bioventures II LLC  
(11) AU-A-2016256701  
(21) 2016256701 (22) 08.11.2016  
(54) COMPOSITIONS COMPRISING ZOLEDRONIC ACID OR RELATED COMPOUNDS FOR RELIEVING INFLAMMATORY PAIN AND RELATED CONDITIONS  
(51) Int. Cl.  
A61K 31/663 ( 2006.01 )  
A61P 19/02 ( 2006.01 )

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A61P 29/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013262995  
(72) Tabuteau, Herriot  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Anthrogenesis Corporation  
(11) AU-A-2016256718  
(21) 2016256718 (22) 09.11.2016  
(54) TREATMENT OF INFLAMMATORY DISEASES USING PLACENTAL STEM CELLS  
(51) Int. Cl.  
A61K 35/44 ( 2006.01 )  
A61K 35/50 ( 2006.01 )  
A61K 35/64 ( 2006.01 )  
A61K 38/21 ( 2006.01 )  
A61P 37/06 ( 2006.01 )  
C12N 5/073 ( 2010.01 )  
(43) 24.11.2016  
(62) 2014203165  
(72) Edinger, James W.; Hariri, Robert J.; Wang, Jia-Lun; Ye, Qian; Faleck, Herbert  
(74) Phillips Ormonde Fitzpatrick

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(71) Apellis Pharmaceuticals, Inc.  
(11) AU-A-2016253654  
(21) 2016253654 (22) 04.11.2016  
(54) Injectable combination therapy for eye disorders  
(51) Int. Cl.  
A61P 27/02 ( 2006.01 )  
A61F 2/14 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 31/00 ( 2006.01 )  
A61K 38/17 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61K 47/06 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013203946  
(72) Francois, Cedric; Olson, Paul; Deschatelets, Pascal  
(74) Davies Collision Cave Pty Ltd

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(71) Applied Medical Resources Corporation  
(11) AU-A-2016247114  
(21) 2016247114 (22) 19.10.2016  
(54) Electrosurgical Instrument  
(51) Int. Cl.  
A61B 18/12 ( 2006.01 )  
A61B 18/14 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015201994  
(72) BRUSTAD, John R.; FALKENSTEIN, Zoran; LINVILLE-ENGLER, Benjamin; WIXEY, Matthew A.; JOHNSON, Gary M.; ELLIOTT, Patrick  
(74) Griffith Hack

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(71) Arbitron Inc.  
(11) AU-A-2016253626  
(21) 2016253626 (22) 03.11.2016  
(54) Gathering research data  
(51) Int. Cl.

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G06F 9/44 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015202027  
(72) FLANAGAN III, Eugene L.; FROST, Carol J.; FITZGERALD, Joan G.  
(74) Spruson & Ferguson

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(71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2015202436  
(21) 2015202436 (22) 06.05.2015  
(54) RESIDUAL CREDITS IN A GAMING SYSTEM  
(51) Int. Cl.  
A63F 9/24 ( 2006.01 )  
(43) 24.11.2016  
(61) 2013200421  
(72) Byng, Stephen William  
(74) Griffith Hack

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(71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2016250486  
(21) 2016250486 (22) 28.10.2016  
(54) Game interruption and reconnection management  
(51) Int. Cl.  
G06F 19/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015203886  
(72) ULF, Larsson; OTTERLING, Jan  
(74) Griffith Hack

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(71) Array BioPharma Inc.  
(11) AU-A-2016253595  
(21) 2016253595 (22) 02.11.2016  
(54) SUBSTITUTED PYRAZOLO[1,5-a]PYRIMIDINE COMPOUNDS AS TRK KINASE INHIBITORS  
(51) Int. Cl.  
C07D 487/04 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
C07D 519/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015201984  
(72) Allen, Shelley; Andrews, Steven S.; Condroski, Kevin Ronald; Haas, Julia; Huang, Lily; Jiang, Yutong; Kercher, Timothy; Seo, Jeongbeob  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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Atieh, A. see Dobbie, R.

Applications Open to Public Inspection - Name Index cont'd

- 
- (21) 2015202510
- 
- (71) Baker Hughes Incorporated  
(11) AU-A-2016253692  
(21) 2016253692 (22) 04.11.2016  
(54) Downhole sleeve system and method  
(51) Int. Cl.  
E21B 34/12 ( 2006.01 )  
E21B 43/12 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013289148  
(72) King, James G.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Baker Hughes Incorporated  
(11) AU-A-2016256703  
(21) 2016256703 (22) 08.11.2016  
(54) Tubular anchoring system and a seat for use in the same  
(51) Int. Cl.  
E21B 33/124 ( 2006.01 )  
E21B 34/06 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013212690  
(72) Xu, YingQing; Hern, Gregory Lee  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Baruch S. Blumberg Institute; Drexel University  
(11) AU-A-2016253583  
(21) 2016253583 (22) 02.11.2016  
(54) INHIBITORS OF HEPATITIS B VIRUS COVALENTLY CLOSED CIRCULAR DNA FORMATION AND THEIR METHOD OF USE  
(51) Int. Cl.  
A01N 57/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013226013  
(72) Cuconati, Andrea; Guo, Haitao; Block, Timothy M.; Guo, Ju-Tao; Xu, Xiaodong; Lu, Huagang; Cai, Dawei  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) BASF Corporation  
(11) AU-A-2016253622  
(21) 2016253622 (22) 03.11.2016  
(54) Novel treated mineral pigments for aqueous based barrier coatings  
(51) Int. Cl.  
D21H 19/44 ( 2006.01 )  
C09C 1/00 ( 2006.01 )  
C09C 3/04 ( 2006.01 )  
C09D 17/00 ( 2006.01 )  
D21H 19/38 ( 2006.01 )  
(43) 24.11.2016  
(62) 2010289834  
(72) Mathur, Sharad; Berube, Richard; Folmar, Kenneth W.; Serafano, John D.; Khokhani, Ashok; Rigney, Jennifer; Godfrey, James Royce  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) BASF Plant Science Company GmbH  
(11) AU-A-2016253639
- 
- (21) 2016253639 (22) 03.11.2016  
(54) Promoters for regulating expression in plants  
(51) Int. Cl.  
C12N 15/113 ( 2010.01 )  
A01H 1/00 ( 2006.01 )  
C12N 9/12 ( 2006.01 )  
C12N 15/82 ( 2006.01 )  
(43) 24.11.2016  
(62) 2012232776  
(72) KUHN, Josef Martin; SCHULTHEISS, Holger; HARTIG, Julia Verena; LOYALL, Linda Patricia; DUWENIG, Elke; SARIC, Marc; STUIVER, Maarten Hendrik; OSWALD, Oliver  
(74) Griffith Hack
- 
- (71) BASF Plant Science Company GmbH  
(11) AU-A-2016256724  
(21) 2016256724 (22) 09.11.2016  
(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants  
(51) Int. Cl.  
C12N 15/82 ( 2006.01 )  
A01H 5/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2016201517  
(72) KUHN, Josef Martin; LOYALL, Linda Patricia; SIEBERT, Malte; DUWENIG, Elke  
(74) Griffith Hack
- 
- (71) BASF Plant Science Company GmbH  
(11) AU-A-2016256725  
(21) 2016256725 (22) 09.11.2016  
(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants  
(51) Int. Cl.  
C12N 15/82 ( 2006.01 )  
A01H 5/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2016201517  
(72) KUHN, Josef Martin; LOYALL, Linda Patricia; SIEBERT, Malte; DUWENIG, Elke  
(74) Griffith Hack
- 
- (71) BASF Plant Science Company GmbH  
(11) AU-A-2016256726  
(21) 2016256726 (22) 09.11.2016  
(54) Regulatory nucleic acid molecules for enhancing seed-specific and/or seed-preferential gene expression in plants  
(51) Int. Cl.  
C12N 15/82 ( 2006.01 )  
A01H 5/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2016201517  
(72) KUHN, Josef Martin; LOYALL, Linda Patricia; SIEBERT, Malte; DUWENIG, Elke  
(74) Griffith Hack
- 
- (71) BASF Plant Science Company GmbH  
(11) AU-A-2016253693
- 
- (21) 2016253693 (22) 04.11.2016  
(54) Nucleic acid  
(51) Int. Cl.  
C12N 15/54 ( 2006.01 )  
A01H 5/00 ( 2006.01 )  
C12N 15/53 ( 2006.01 )  
C12P 7/64 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013219144  
(72) Napier, Johnathan; Sayanova, Olga; Venegas Caleron, Monica  
(74) Watermark Intellectual Property Pty Ltd
- 
- (71) BGC Partners, Inc.  
(11) AU-A-2016256702  
(21) 2016256702 (22) 08.11.2016  
(54) SYSTEM FOR REPLENISHING QUANTITIES OF TRADING ORDERS  
(51) Int. Cl.  
G06Q 40/00 ( 2012.01 )  
(43) 24.11.2016  
(62) 2014202836  
(72) Claus, Matthew W.; Foley, Kevin M.; Novello, Joseph C.; Lutnick, Howard W.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Biosense Webster (Israel) Ltd.  
(11) AU-A-2016202089  
(21) 2016202089 (22) 04.04.2016  
(54) RF ABLATION WITH ACOUSTIC FEEDBACK  
(51) Int. Cl.  
A61B 18/18 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
(31) 14/703,542 (32) 04.05.15 (33) US  
(43) 24.11.2016  
(72) Hoitink, Ryan A.; Ashton, John Hardy; Clark, Jeffrey L.; Chuu, Kelvin; Schultz, Jeffrey  
(74) Fisher Adams Kelly Callinans
- 
- (71) Biosense Webster (Israel) Ltd.  
(11) AU-A-2016202412  
(21) 2016202412 (22) 15.04.2016  
(54) SPRING-LOADED BALLOON  
(51) Int. Cl.  
A61B 17/22 ( 2006.01 )  
A61B 18/12 ( 2006.01 )  
A61M 25/10 ( 2013.01 )  
(31) 14/706,058 (32) 07.05.15 (33) US  
(43) 24.11.2016  
(72) Beeckler, Christopher Thomas; Keyes, Joseph Thomas; Hettel, Rowan Olund  
(74) Fisher Adams Kelly Callinans
- 
- (71) Bissen Pty Ltd  
(11) AU-A-2015202479  
(21) 2015202479 (22) 07.05.2015  
(54) Improvements in Relation to Erection of Buildings  
(51) Int. Cl.  
E04B 1/343 ( 2006.01 )  
E04B 1/34 ( 2006.01 )  
E04H 12/34 ( 2006.01 )
-

Applications Open to Public Inspection - Name Index cont'd

(43) 24.11.2016  
(72) Golding, Norman  
(74) Morcom Pernat

(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD.

(11) AU-A-2016202819  
(21) 2016202819 (22) 03.05.2016  
(54) A BALLAST ARRANGEMENT FOR GENERATING ELECTRICITY  
(51) Int. Cl.  
*F03B 13/10* ( 2006.01 )  
*B63G 8/22* ( 2006.01 )  
*E02B 9/00* ( 2006.01 )  
*F03G 7/10* ( 2006.01 )  
*H02P 101/10* ( 2015.01 )

(31) 2015901614 (32) 06.05.15 (33) AU  
(43) 24.11.2016  
(72) Ide, David Ernest  
(74) Collision & Co

(71) Canon Kabushiki Kaisha  
(11) AU-A-2015202359  
(21) 2015202359 (22) 05.05.2015  
(54) Parallelising per-pixel compositing  
(51) Int. Cl.  
*G06T 1/00* ( 2006.01 )  
*H04N 5/262* ( 2006.01 )

(43) 24.11.2016  
(72) Pan, Zhi-Min; Johnston, David Ian; Johnson, Gregory Joseph; Lie, Kok Tjoan  
(74) Spruson & Ferguson

(71) Caterpillar Global Mining LLC  
(11) AU-A-2016202605  
(21) 2016202605 (22) 22.04.2016  
(54) HYDRAULIC MINING SHOVEL WITH SCR UNIT  
(51) Int. Cl.  
*E02F 9/00* ( 2006.01 )  
(31) 15166177.4 (32) 04.05.15 (33) EP  
(43) 24.11.2016  
(72) CAPRARO, Sebastian; BITTER, Marcus; KARREBERG, Lutz; WALTER, Daniel; MARJANOVIC, Zoran; SCHNEIDER, Michael  
(74) FPA Patent Attorneys Pty Ltd

Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD) see Torres Comércio E Processamento de Produtos Naturais Ltda ME.  
(21) 2016253666

Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro) see Torres Comércio E Processamento de Produtos Naturais Ltda ME.  
(21) 2016253666

(71) Centro de Investigacion y de Estudios Avanzados del Instituto Politecnico Nacional (CINVESTAV)

(11) AU-A-2016253581  
(21) 2016253581 (22) 02.11.2016  
(54) Plant cultivation system utilizing phosphate as a nutrient and as a control agent for weeds and algae  
(51) Int. Cl.  
*A01H 1/06* ( 2006.01 )

(43) 24.11.2016  
(62) 2011340199  
(72) HERRERA-ESTRELLA, Luis R.; LOPEZ-ARREDONDO, Damar L.  
(74) Spruson & Ferguson

(71) Chi, Y.  
(11) AU-A-2016256704  
(21) 2016256704 (22) 08.11.2016  
(54) Pharmaceutical composition increasing cyclic AMP content and availability in vivo, and preparation method thereof  
(51) Int. Cl.

*A61K 31/7076* ( 2006.01 )  
*A61K 36/484* ( 2006.01 )  
*A61K 36/725* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
(43) 24.11.2016  
(62) 2012387645  
(72) Hsing, Chih-Kuang  
(74) Golja Haines & Friend

(71) Children's Medical Center Corporation; The Brigham and Women's Hospital, Inc.

(11) AU-A-2016253648  
(21) 2016253648 (22) 04.11.2016  
(54) THERAPEUTIC AND DIAGNOSTIC METHODS RELATING TO CANCER STEM CELLS  
(51) Int. Cl.  
*G01N 33/48* ( 2006.01 )  
(43) 24.11.2016  
(62) 2009314556  
(72) Frank, Markus H.; Frank, Natasha Y.  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Chowdhury, M.  
(11) AU-A-2016256705  
(21) 2016256705 (22) 08.11.2016  
(54) TEATCUP LINER SERIES WITH VARYING MOUTHPIECE FLEXIBILITY  
(51) Int. Cl.  
*A01J 5/08* ( 2006.01 )  
(43) 24.11.2016  
(62) 2015203022  
(72) Chowdhury, Mofazzal H.  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Chrontech Pharma AB  
(11) AU-A-2016253580  
(21) 2016253580 (22) 02.11.2016  
(54) CODON-OPTIMIZED HEPATITIS B VIRUS CORE ANTIGEN (HBCAG)  
(51) Int. Cl.

*C07K 14/18* ( 2006.01 )  
*A61B 17/06* ( 2006.01 )  
*A61K 39/29* ( 2006.01 )  
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 (51) Int. Cl.  
**C07D 239/48** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
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**C07D 405/12** ( 2006.01 )  
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 (11) AU-A-2016253608  
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 (54) Compositions comprising extracts of Southernwood and an amine compound  
 (51) Int. Cl.  
**A61K 36/282** ( 2006.01 )  
**A61K 8/00** ( 2006.01 )  
**A61K 8/41** ( 2006.01 )  
**A61K 8/97** ( 2006.01 )  
**A61K 31/132** ( 2006.01 )  
**A61K 31/133** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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**A61Q 19/00** ( 2006.01 )
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 (74) Shelston IP Pty Ltd.
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 (54) Controlling a conveyor in a mining system  
 (51) Int. Cl.  
**B65G 15/06** ( 2006.01 )  
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 (43) 24.11.2016  
 (72) RIMMINGTON, Gareth  
 (74) Griffith Hack
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 (51) Int. Cl.  
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 (74) Phillips Ormonde Fitzpatrick
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 (11) AU-A-2016256708  
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 (54) Disposable absorbent pad  
 (51) Int. Cl.  
**A61F 13/505** ( 2006.01 )  
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**A61F 13/51** ( 2006.01 )  
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 (62) 2012335294  
 (72) JOHNSTON, Angela Ann; ROOYAKERS, Jon Philip; COENEN, Joseph Daniel; RUMAN, Marcille Faye; HEITING, Christopher  
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 (54) Disposable absorbent pad  
 (51) Int. Cl.  
**A61F 13/505** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**A61F 13/51** ( 2006.01 )  
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 (72) JOHNSTON, Angela Ann; ROOYAKERS, Jon Philip; COENEN, Joseph Daniel; RUMAN, Marcille Faye; HEITING, Christopher  
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- (71) Koninklijke Douwe Egberts B.V.  
 (11) AU-A-2016253680  
 (21) 2016253680 (22) 04.11.2016
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 (51) Int. Cl.  
**A47J 31/42** ( 2006.01 )  
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 (72) Van Os, Ivo; Van Camp, Philippe Jacques; Tanja, Age Willem; Graaf, Gerbrand Kristiaan  
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2016253619  
 (21) 2016253619 (22) 03.11.2016  
 (54) Method and apparatus for encoding image and method and apparatus for decoding image  
 (51) Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/503** ( 2014.01 )  
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 (62) 2016201932  
 (72) Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
 (74) FB Rice
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 (11) AU-A-2016253620  
 (21) 2016253620 (22) 03.11.2016  
 (54) Method and apparatus for encoding image and method and apparatus for decoding image  
 (51) Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/503** ( 2014.01 )  
 (43) 24.11.2016  
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 (72) Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
 (74) FB Rice
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- (71) KT Corporation  
 (11) AU-A-2016253621  
 (21) 2016253621 (22) 03.11.2016  
 (54) Method and apparatus for encoding image and method and apparatus for decoding image  
 (51) Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
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**H04N 19/503** ( 2014.01 )  
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 (72) Kim, Joo Young; Kwon, Jae Cheol; Lee, Bae Keun  
 (74) FB Rice
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- (71) LG Electronics Inc.  
 (11) AU-A-2016201233  
 (21) 2016201233 (22) 26.02.2016  
 (54) Refrigerator door  
 (51) Int. Cl.

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**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Liebherr-Mining Equipment Colmar SAS  
**(11)** AU-A-2016202937  
**(21)** 2016202937 **(22)** 06.05.2016  
**(54)** Apparatus for the energy-optimized hydraulic control of at least one double-action working cylinder  
**(51)** Int. Cl.  
**F15B 5/00** ( 2006.01 )  
**F15B 1/027** ( 2006.01 )  
**(31)** 102015005920.3 **(32)** 07.05.15 **(33)** DE  
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**(72)** HAHN, Philipp; GLINIORZ, Volker; BONNETOT, Guillaume  
**(74)** FB Rice

**(71)** Map Pharmaceuticals, Inc.  
**(11)** AU-A-2016253689  
**(21)** 2016253689 **(22)** 04.11.2016  
**(54)** Method of therapeutic administration of DHE to enable rapid relief of migraine while minimizing side effect profile  
**(51)** Int. Cl.  
**A61K 9/12** ( 2006.01 )  
**A61K 9/72** ( 2006.01 )  
**A61K 31/48** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
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**(62)** 2014203389  
**(72)** Cook, Robert O.; Shrewsbury, Stephen B.; Ramadan, Nabih N.; Armer, Thomas A.  
**(74)** FB Rice

**(71)** MedicalTree Patent Ltd  
**(11)** AU-A-2016250433  
**(21)** 2016250433 **(22)** 27.10.2016  
**(54)** IMPLANTABLE LUBRICATION DEVICE  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**(43)** 24.11.2016  
**(62)** 2010269171  
**(72)** Forsell, Peter  
**(74)** Shelston IP Pty Ltd.

**(71)** Metalform (Dannevirke) Limited  
**(11)** AU-A-2016256743  
**(21)** 2016256743 **(22)** 10.11.2016  
**(54)** SPRAYING APPARATUS AND METHODS AND COMPONENTS RELATING TO SPRAYING APPARATUS  
**(51)** Int. Cl.  
**B05B 3/00** ( 2006.01 )  
**B05B 7/04** ( 2006.01 )  
**B05B 7/26** ( 2006.01 )  
**B05B 12/00** ( 2006.01 )

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**(72)** Easton, Campbell Bryce; Easton, Geoffrey James; Longstaff, Nicholas Roy  
**(74)** Ellis Terry

**(71)** METFORCE PTY LTD  
**(11)** AU-A-2015202508  
**(21)** 2015202508 **(22)** 09.05.2015  
**(54)** A new wire rope fittings. A swageless and swivel system that allows installers of such wire balustrade systems to ensure correct and safe installation without risk of wire rope loosening. Also the swivel part of the fitting allows these same fittings to be used at any angle for stairs or straight runs.  
**(51)** Int. Cl.  
**F16G 11/05** ( 2006.01 )  
**E04F 11/18** ( 2006.01 )  
**E04H 17/02** ( 2006.01 )  
**(43)** 24.11.2016  
**(72)** van de Leur, Paul  
**(74)** METFORCE PTY LTD

**(71)** Millennium Pharmaceuticals, Inc.  
**(11)** AU-A-2016253697  
**(21)** 2016253697 **(22)** 04.11.2016  
**(54)** Proteasome inhibitors  
**(51)** Int. Cl.  
**C07F 5/02** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61K 38/05** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07F 5/04** ( 2006.01 )  
**C07K 5/06** ( 2006.01 )  
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**(62)** 2013204904  
**(72)** OLHAVA, Edward J.; DANCA, Miheala D.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Millennium Pharmaceuticals, Inc.  
**(11)** AU-A-2016256700  
**(21)** 2016256700 **(22)** 08.11.2016  
**(54)** Boronate ester compounds and pharmaceutical compositions thereof  
**(51)** Int. Cl.  
**C07F 5/02** ( 2006.01 )  
**A61K 38/05** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**C07F 5/06** ( 2006.01 )  
**(43)** 24.11.2016  
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**(72)** ELLIOTT, Eric L.; FERDOUS, Abu J.; KAUFMAN, Michael J.; KOMAR, Sonja A.; MAZAIK, Debra L.; McCUBBIN, Quentin J.; NGUYEN, Phoung M.; PALANIAPPAN, Vaithianathan; SKWIERCZYNSKI, Ramond D.; TRUONG, Nobel T.; ZAWANEH, Peter N.; VARGA, Csanad M.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Miramar Labs, Inc.  
**(11)** AU-A-2016253671  
**(21)** 2016253671 **(22)** 04.11.2016  
**(54)** SYSTEMS, APPARATUS, METHODS, AND PROCEDURES FOR THE NON-INVASIVE TREATMENT OF TISSUE USING MICROWAVE ENERGY  
**(51)** Int. Cl.  
**A61H 1/00** ( 2006.01 )  
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**(72)** Salamini, Alexey; Ben-Haim, Yoav; Francis, Daniel; Loew, Christopher; Su, Ted; Kim, Steven; Johnson, Jessi E.; Chung, Dong Hoon; Kopelow, Leo; Chew, Sunmi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Morpho  
**(11)** AU-A-2016202869  
**(21)** 2016202869 **(22)** 04.05.2016  
**(54)** Method for participating in a lottery implemented by a mobile terminal  
**(51)** Int. Cl.  
**G06Q 50/34** ( 2012.01 )  
**A63F 3/06** ( 2006.01 )  
**(31)** 1553981 **(32)** 04.05.15 **(33)** FR  
**(43)** 24.11.2016  
**(72)** RATIER, Jean-Baptiste; HERBAUT, Vincent  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Mujawar, M.Z.  
**(11)** AU-A-2016202436  
**(21)** 2016202436 **(22)** 18.04.2016  
**(54)** Power Generation and storage system from inexhaustible clean sources: The present invention relates to an alternative means for generating electricity from a renewable, inexhaustible, clean and green source which converts mechanical energy into potential energy for use as a means of generating electricity in cost effective manner. The invention has been developed primarily for use with fluid storage and will be described hereinafter with reference to this application. However, it will be appreciated that the invention is not limited to this particular field of use.  
**(51)** Int. Cl.  
**H02J 3/28** ( 2006.01 )  
**H02J 15/00** ( 2006.01 )  
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**(43)** 24.11.2016  
**(72)** Mujawar, Mohammed Zakaria  
**(74)** Mohammed Zakaria Mujawar

**(71)** Nestec S.A.  
**(11)** AU-A-2016256709  
**(21)** 2016256709 **(22)** 09.11.2016  
**(54)** Age-tailored nutritional composition with animal fats and vegetable fats  
**(51)** Int. Cl.  
**A23L 33/00** ( 2016.01 )  
**A23L 33/10** ( 2016.01 )  
**A23L 33/115** ( 2016.01 )



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(74) Shelston IP Pty Ltd.

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(11) AU-A-2016256715  
(21) 2016256715 (22) 09.11.2016  
(54) Baked composition  
(51) Int. Cl.  
A21D 2/18 ( 2006.01 )  
A21D 2/24 ( 2006.01 )  
A21D 10/00 ( 2006.01 )  
A21D 10/04 ( 2006.01 )  
A21D 13/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2014210632  
(72) Fleury Rey, Yvette  
(74) Shelston IP Pty Ltd.

(71) NITROSET, LLC  
(11) AU-A-2016256676  
(21) 2016256676 (22) 07.11.2016  
(54) Apparatus for installing fasteners and explosive loads for use therewith  
(51) Int. Cl.  
F16B 19/14 ( 2006.01 )  
(43) 24.11.2016  
(62) 2011216159  
(72) Masas, Fernando; Lin, Joe  
(74) Adam Law Patent & Trade Mark Attorney

(71) Novartis AG  
(11) AU-A-2016256694  
(21) 2016256694 (22) 08.11.2016  
(54) Use of an S1P receptor agonist  
(51) Int. Cl.  
A61K 31/00 ( 2006.01 )  
A61K 31/137 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
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(62) 2015202061  
(72) TOMIC, Davorka Lucia; HAERING, Dieter Adrian; FRANCIS, Gordon  
(74) Davies Collison Cave Pty Ltd

(71) Novartis AG  
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(21) 2016256728 (22) 09.11.2016  
(54) Thiadiazole analogs thereof and methods for treating smn-deficiency-related-conditions  
(51) Int. Cl.  
C07D 417/10 ( 2006.01 )  
A61K 31/433 ( 2006.01 )  
A61K 31/454 ( 2006.01 )  
A61K 31/496 ( 2006.01 )  
A61P 21/00 ( 2006.01 )  
C07D 417/12 ( 2006.01 )  
C07D 417/14 ( 2006.01 )  
C07D 487/04 ( 2006.01 )  
C07D 487/10 ( 2006.01 )

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(62) 2014209315  
(72) AXFORD, Jake; DALES, Natalie; SUNG, Moo Je  
(74) Davies Collison Cave Pty Ltd

(71) NTT DOCOMO, INC.  
(11) AU-A-2016256712  
(21) 2016256712 (22) 09.11.2016  
(54) Method and apparatus for motion compensation prediction  
(51) Int. Cl.  
H04N 11/02 ( 2006.01 )  
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(62) 2012272779  
(72) BOSSEN, Frank Jan  
(74) Spruson & Ferguson

**Olah, L. see Sokolovskii, G.**  
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(71) Omnicell, Inc.  
(11) AU-A-2016253614  
(21) 2016253614 (22) 03.11.2016  
(54) System and method for user access of dispensing unit  
(51) Int. Cl.  
G06F 7/04 ( 2006.01 )  
G06F 12/00 ( 2006.01 )  
(43) 24.11.2016  
(62) 2012250824  
(72) Chai, Andrew; Cohen, Dan; Kasaaian, Joy; Thieme, Michael; Metzger, Justin; Cartright, Jennifer  
(74) Davies Collison Cave Pty Ltd

(71) ONESTEEL WIRE PTY LIMITED  
(11) AU-A-2016253690  
(21) 2016253690 (22) 04.11.2016  
(54) APPARATUS, METHOD AND SYSTEM FOR SECURING A STRAND TO A POST  
(51) Int. Cl.  
E04H 17/10 ( 2006.01 )  
E04H 17/24 ( 2006.01 )  
(43) 24.11.2016  
(62) 2013205198  
(72) WHITE, MARK; STARKEY, RODGER  
(74) Griffith Hack

(71) Organovo, Inc.  
(11) AU-A-2016253591  
(21) 2016253591 (22) 02.11.2016  
(54) Devices, systems, and methods for the fabrication of tissue  
(51) Int. Cl.  
B41J 2/01 ( 2006.01 )  
B41J 2/175 ( 2006.01 )  
G01N 35/00 ( 2006.01 )  
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(72) MURPHY, Keith; DORFMAN, Scott; SMITH, Nathan; BAUWENS, Larry; SOHN, Ian; MCDONALD, Tim; LEIGH-LANCASTER, Chris; LAW, Richard Jin  
(74) Spruson & Ferguson

(71) Pace Holdings Pty Ltd  
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(54) Insert for a Tap  
(51) Int. Cl.  
E03C 1/04 ( 2006.01 )  
F16K 5/08 ( 2006.01 )  
F16K 21/00 ( 2006.01 )  
F16K 25/00 ( 2006.01 )  
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(62) 2012245182  
(72) Homann, Walter  
(74) WRAYS PTY LTD

(71) Pantano Investments Pty Ltd  
(11) AU-A-2016256678  
(21) 2016256678 (22) 08.11.2016  
(54) Creation of Surface-Mounted Sills or Hobs on Cast-in-situ Concrete Building Slabs  
(51) Int. Cl.  
E04G 13/00 ( 2006.01 )  
E02D 27/00 ( 2006.01 )  
E04B 5/32 ( 2006.01 )  
E04G 13/06 ( 2006.01 )  
(43) 24.11.2016  
(62) 2015204404  
(72) PANTANO, Antonio  
(74) PIPERS

(71) Paradigm Spine, LLC  
(11) AU-A-2016253944  
(21) 2016253944 (22) 07.11.2016  
(54) Translaminar Interspinous Stabilization System  
(51) Int. Cl.  
A61B 17/70 ( 2006.01 )  
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(62) 2012211951  
(72) Thalgott, John S.; Stinson, David T.; Drewry, Troy D.  
(74) Cullens Pty Ltd

(71) Partners in Innovation Limited, LLC  
(11) AU-A-2016253638  
(21) 2016253638 (22) 03.11.2016  
(54) Multi-functional and modular tree removal and maintenance apparatus and related methods  
(51) Int. Cl.  
A01G 23/093 ( 2006.01 )  
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(72) HELMSDERFER, John A.; MCDOWELL, Stuart; ABABEI, Florin; ANDROSKE, Alex  
(74) Spruson & Ferguson

(71) Progressare Medinvest B.V.  
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(54) Composition for the treatment of superficial lesions  
(51) Int. Cl.  
A61K 8/36 ( 2006.01 )

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**A61K 31/19** ( 2006.01 )  
**A61K 31/60** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
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**(62)** 2011278235  
**(72)** HENDRIKS, Maikel; BOUTER, Pieter-nella; KOLODZIEJ, Katarzyna  
**(74)** Spruson & Ferguson

**(71)** RatingBox Pty Ltd  
**(11)** AU-A-2015234323  
**(21)** 2015234323 **(22)** 30.09.2015  
**(54)** Feedback system and method  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**(31)** 2015901656 **(32)** 07.05.15 **(33)** AU  
**(43)** 24.11.2016  
**(72)** King, Guy Phillip William  
**(74)** FB Rice

**(71)** REBIOTIX, INC.  
**(11)** AU-A-2016202831  
**(21)** 2016202831 **(22)** 03.05.2016  
**(54)** Microbiota restoration therapy (MRT), compositions and methods of manufacture  
**(51)** Int. Cl.  
**A61P 1/00** ( 2006.01 )  
**A61K 35/24** ( 2015.01 )  
**A61K 35/74** ( 2015.01 )  
**(31)** 14/707,378 **(32)** 08.05.15 **(33)** US  
**(43)** 24.11.2016  
**(72)** JONES, Lee A.; JONES, Courtney R.; SOBCINSKI, Mary Kay  
**(74)** Griffith Hack

**(71)** Redman Transport Pty Ltd  
**(11)** AU-A-2015202255  
**(21)** 2015202255 **(22)** 30.04.2015  
**(54)** National Online Heavy Vehicle Permit Application System  
**(51)** Int. Cl.  
**G06Q 90/00** ( 2006.01 )  
**(43)** 24.11.2016  
**(72)** McColl, Andrew  
**(74)** Redman Transport Pty Ltd

**(71)** Rheem Australia Pty Limited  
**(11)** AU-A-2015202488  
**(21)** 2015202488 **(22)** 08.05.2015  
**(54)** Improved Anode Support and or Locator Device and Method of Assembly  
**(51)** Int. Cl.  
**C23F 13/06** ( 2006.01 )  
**(43)** 24.11.2016  
**(72)** JENSEN, Jim; KERR, Peter Robert; GACSAY, Juraj; KNOWLES, Anthea; KERNICH, Lee  
**(74)** Halfords IP

**(71)** Salomon S.A.S.  
**(11)** AU-A-2016253610

**(21)** 2016253610 **(22)** 03.11.2016  
**(54)** Footwear with improved sole assembly  
**(51)** Int. Cl.  
**A43B 5/10** ( 2006.01 )  
**A43B 7/32** ( 2006.01 )  
**A43B 13/04** ( 2006.01 )  
**A43B 13/14** ( 2006.01 )  
**A43B 13/16** ( 2006.01 )  
**A43B 13/22** ( 2006.01 )  
**(43)** 24.11.2016  
**(62)** 2012202383  
**(72)** BOREL, Rene; CRETINON, Frederic  
**(74)** Spruson & Ferguson

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2016253688  
**(21)** 2016253688 **(22)** 04.11.2016  
**(54)** METHOD AND DEVICE FOR PROVIDING RECOMMENDATION PANEL, AND METHOD AND SERVER FOR PROVIDING RECOMMENDATION ITEM  
**(51)** Int. Cl.  
**G06Q 50/10** ( 2012.01 )  
**G06F 3/041** ( 2006.01 )  
**(43)** 24.11.2016  
**(62)** 2014215879  
**(72)** Choi, Won-young; Kang, Nam-wook; Ryu, Jong-hyun; Jeon, Hee-chul; Cha, Sang-ok  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2016256685  
**(21)** 2016256685 **(22)** 08.11.2016  
**(54)** AUDIO-ENCODING METHOD AND APPARATUS, AUDIO-DECODING METHOD AND APPARATUS, RECORDING MEDIUM THEREOF, AND MULTIMEDIA DEVICE EMPLOYING SAME  
**(51)** Int. Cl.  
**G10L 19/02** ( 2006.01 )  
**(43)** 24.11.2016  
**(62)** 2012263093  
**(72)** Porov, Anton; Osipov, Konstantin; Choo, Ki-hyun  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Schneider Electric Industries SAS  
**(11)** AU-A-2016202858  
**(21)** 2016202858 **(22)** 04.05.2016  
**(54)** Method and device for the provision of aggregate offers of electrical energy  
**(51)** Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**(31)** 1554034 **(32)** 05.05.15 **(33)** FR  
**(43)** 24.11.2016  
**(72)** LEBEAU, Bernard; MARCHAND, Jeremie  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Schneider Electric IT Corporation  
**(11)** AU-A-2016202765  
**(21)** 2016202765 **(22)** 29.04.2016  
**(54)** Circuit Breaker Sensor  
**(51)** Int. Cl.

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**H01H 35/14** ( 2006.01 )  
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| 2016202341 | Covidien LP                                                                                    | 2016253668 | CLS Pharmaceuticals, Inc.                                                                                                                                                                                                                                                                                 |
| 2016202412 | Biosense Webster (Israel) Ltd.                                                                 | 2016253671 | Miramar Labs, Inc.                                                                                                                                                                                                                                                                                        |
| 2016202436 | Mujawar, M.Z.                                                                                  | 2016253674 | Alpharma Pharmaceuticals, LLC                                                                                                                                                                                                                                                                             |
| 2016202605 | Caterpillar Global Mining LLC                                                                  | 2016253675 | Sun Patent Trust                                                                                                                                                                                                                                                                                          |
| 2016202606 | Electro-Motive Diesel, Inc.                                                                    | 2016253676 | Sika Technology AG                                                                                                                                                                                                                                                                                        |
| 2016202697 | Deere & Company                                                                                | 2016253677 | GENENTECH, INC.                                                                                                                                                                                                                                                                                           |
| 2016202765 | Schneider Electric IT Corporation                                                              | 2016253678 | Software Solutions Pty Ltd                                                                                                                                                                                                                                                                                |
| 2016202819 | BLUEGREEN POWER TECHNOLOGIES PTY. LTD.                                                         | 2016253679 | K-fee System GmbH                                                                                                                                                                                                                                                                                         |
| 2016202822 | DYWIDAG-Systems International Pty Limited                                                      | 2016253680 | Koninklijke Douwe Egberts B.V.                                                                                                                                                                                                                                                                            |
| 2016202831 | REBIOTIX, INC.                                                                                 | 2016253681 | GENENTECH, INC.                                                                                                                                                                                                                                                                                           |
| 2016202840 | Weatherford Technology Holdings, LLC                                                           | 2016253685 | Indiana University Research and Technology Corporation                                                                                                                                                                                                                                                    |
| 2016202844 | TAKRAF GmbH                                                                                    | 2016253688 | Samsung Electronics Co., Ltd.                                                                                                                                                                                                                                                                             |
| 2016202856 | Smart Infrastructure Asset Management Australia Research and Development Pty Ltd               | 2016253689 | Map Pharmaceuticals, Inc.                                                                                                                                                                                                                                                                                 |
| 2016202858 | Schneider Electric Industries SAS                                                              | 2016253690 | ONESTEEL WIRE PTY LIMITED                                                                                                                                                                                                                                                                                 |
| 2016202861 | HANSEN DEVELOPMENTS LIMITED                                                                    | 2016253692 | Baker Hughes Incorporated                                                                                                                                                                                                                                                                                 |
| 2016202869 | Morpho                                                                                         | 2016253693 | BASF Plant Science GmbH                                                                                                                                                                                                                                                                                   |
| 2016202898 | ISCHEBECK TITAN LIMITED                                                                        | 2016253695 | Sony Corporation                                                                                                                                                                                                                                                                                          |
| 2016202899 | IGT                                                                                            | 2016253697 | Millennium Pharmaceuticals, Inc.                                                                                                                                                                                                                                                                          |
| 2016202937 | Liebherr-Mining Equipment Colmar SAS                                                           | 2016253698 | Hills Limited                                                                                                                                                                                                                                                                                             |
| 2016202939 | JACKEL, M.L.; FLAMMEA, M.N.                                                                    | 2016253700 | Weatherford Technology Holdings, LLC                                                                                                                                                                                                                                                                      |
| 2016202943 | Class Plastics (Aust) Pty Ltd                                                                  | 2016253701 | Progressare Medinvest B.V.                                                                                                                                                                                                                                                                                |
| 2016202954 | Decorative Imaging Pty Limited                                                                 | 2016253702 | Wheeler, A.; Woolley, T.                                                                                                                                                                                                                                                                                  |
| 2016202967 | Crown Melbourne Limited                                                                        | 2016253703 | Fuji Xerox Co., Ltd.                                                                                                                                                                                                                                                                                      |
| 2016202968 | Joy MM Delaware, Inc.                                                                          | 2016253710 | Vorwerk & Co. Interholding GmbH                                                                                                                                                                                                                                                                           |
| 2016202969 | Seminis Vegetable Seeds, Inc.                                                                  | 2016253711 | Vorwerk & Co. Interholding GmbH                                                                                                                                                                                                                                                                           |
| 2016222499 | Sipco Pty Ltd                                                                                  | 2016253944 | Paradigm Spine, LLC                                                                                                                                                                                                                                                                                       |
| 2016225846 | VARETIKA Pty Ltd                                                                               | 2016254447 | The Kingdom Of The Netherlands, Represented By The Minister of Health, Welfare and Sport                                                                                                                                                                                                                  |
| 2016247114 | Applied Medical Resources Corporation                                                          | 2016256663 | Duke University                                                                                                                                                                                                                                                                                           |
| 2016250433 | MedicalTree Patent Ltd                                                                         | 2016256664 | ACIST Medical Systems, Inc.                                                                                                                                                                                                                                                                               |
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| 2016253580 | Chrontech Pharma AB                                                                            | 2016256668 | Janssen Alzheimer Immunotherapy                                                                                                                                                                                                                                                                           |
| 2016253581 | Centro de Investigacion y de Estudios Avanzados del Instituto Politecnico Nacional (CINVESTAV) | 2016256673 | Pace Holdings Pty Ltd                                                                                                                                                                                                                                                                                     |
| 2016253582 | Covidien LP                                                                                    | 2016256674 | Holdip Pty Ltd                                                                                                                                                                                                                                                                                            |
| 2016253583 | Baruch S. Blumberg Institute; Drexel University                                                | 2016256676 | NITROSET, LLC                                                                                                                                                                                                                                                                                             |
| 2016253585 | Graboski, T.                                                                                   |            |                                                                                                                                                                                                                                                                                                           |
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| 2016253605 | GENENTECH, INC.                                                                                |            |                                                                                                                                                                                                                                                                                                           |
| 2016253607 | Visa International Service Association                                                         |            |                                                                                                                                                                                                                                                                                                           |
| 2016253608 | Johnson & Johnson Consumer Companies, Inc.                                                     |            |                                                                                                                                                                                                                                                                                                           |
| 2016253610 | Salomon S.A.S.                                                                                 |            |                                                                                                                                                                                                                                                                                                           |

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| 2016256678 | Pantano Investments Pty Ltd          |
| 2016256683 | ImThera Medical, Inc.                |
| 2016256685 | Samsung Electronics Co., Ltd.        |
| 2016256688 | InterDigital Patent Holdings, Inc.   |
| 2016256692 | GENENTECH, INC.                      |
| 2016256694 | Novartis AG                          |
| 2016256700 | Millennium Pharmaceuticals, Inc.     |
| 2016256701 | Antecip Bioventures II LLC           |
| 2016256702 | BGC Partners, Inc.                   |
| 2016256703 | Baker Hughes Incorporated            |
| 2016256704 | Chi, Y.                              |
| 2016256705 | Chowdhury, M.                        |
| 2016256706 | Heat Recovery Solutions Ltd          |
| 2016256708 | Kimberly-Clark Worldwide, Inc.       |
| 2016256709 | Nestec S.A.                          |
| 2016256710 | Kimberly-Clark Worldwide, Inc.       |
| 2016256711 | Weatherford Technology Holdings, LLC |
| 2016256712 | NTT DOCOMO, INC.                     |
| 2016256713 | Xyleco, Inc.                         |
| 2016256714 | Victaulic Company                    |
| 2016256715 | Nestec S.A.                          |
| 2016256716 | Weatherford Technology Holdings, LLC |
| 2016256718 | Anthrogenesis Corporation            |
| 2016256722 | Younicos, Inc.                       |
| 2016256724 | BASF Plant Science Company GmbH      |
| 2016256725 | BASF Plant Science Company GmbH      |
| 2016256726 | BASF Plant Science Company GmbH      |
| 2016256727 | DSG Technology Holdings Ltd          |
| 2016256728 | Novartis AG                          |
| 2016256730 | HBG IP Holding Pty Ltd               |
| 2016256731 | WWS                                  |
| 2016256732 | Janssen Sciences Ireland UC          |
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| <b>C12M 3 /-</b><br>2016256713                                                                                      | <b>E04G 1 /-</b><br>2016202898                | <b>F15B 1 /-</b><br>2016202937                              | <b>G01N 33 /-</b><br>2016253632<br>2016253648 | <b>G10L 21 /-</b><br>2016253695                             |                                                                           |
| <b>C12N 15 /-</b><br>2016253633<br>2016253639<br>2016253693<br>2016254447<br>2016256724<br>2016256725<br>2016256726 | <b>E04G 13 /-</b><br>2016256678               | <b>F15B 11 /-</b><br>2016256711                             | <b>G01N 35 /-</b><br>2016253591               | <b>H01H 35 /-</b><br>2016202765                             |                                                                           |
| <b>C12N 5 /-</b><br>2016256718                                                                                      | <b>E04G 21 /-</b><br>2016202898               | <b>F15B 13 /-</b><br>2016256711                             | <b>G01R 1 /-</b><br>2015202510                | <b>H02B 1 /-</b><br>2016202765                              |                                                                           |
| <b>C12N 9 /-</b><br>2016253639                                                                                      | <b>E04G 3 /-</b><br>2016202898                | <b>F15B 5 /-</b><br>2016202937                              | <b>G01R 33 /-</b><br>2016222499               | <b>H02J 13 /-</b><br>2016225846                             |                                                                           |
| <b>C12P 7 /-</b><br>2016253693                                                                                      | <b>E04H 12 /-</b><br>2015202479               | <b>F16B 13 /-</b><br>2016202822                             | <b>G05B 19 /-</b><br>2016253678               | <b>H02J 15 /-</b><br>2016202436                             |                                                                           |
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|                                                                                                                     | <b>E21B 19 /-</b><br>2016256711               | <b>F16H 19 /-</b><br>2015221444                             | <b>G06F 17 /-</b><br>2015249202<br>2016253703 | <b>H02M 7 /-</b><br>2016253592                              |                                                                           |

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. (\*) Title not in Roman characters

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

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 (72) Huang, Chi-Chung  
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 (72) CURRAN, James A.; NOVAK, Sean R.  
 (74) FPA Patent Attorneys Pty Ltd

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 (72) Saliba, Sam; Hardie, Terry; Santoso, Bianto; Selby, Geoff  
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 E05D 7/00 ( 2006.01 )  
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 (72) Lapchev, Maria  
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 (51) Int. Cl.  
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     A01K 15/02 ( 2006.01 )

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     B65D 8/10 ( 2006.01 )  
     B65D 43/02 ( 2006.01 )  
     B65D 45/06 ( 2006.01 )  
     B65D 45/24 ( 2006.01 )  
     B65D 85/82 ( 2006.01 )  
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 (72) Davis, Guy Lenard  
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 (51) Int. Cl.  
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     A47L 5/28 ( 2006.01 )  
     A47L 9/02 ( 2006.01 )  
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 (54) A vacuum cleaner  
 (51) Int. Cl.  
     A47L 5/24 ( 2006.01 )  
     A47L 5/22 ( 2006.01 )  
     A47L 5/28 ( 2006.01 )  
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 (54) A vacuum cleaner  
 (51) Int. Cl.

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**(71)** Fliplate Pty Ltd  
**(11)** AU-A-2016101917  
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**(54)** An Apparatus for Holding Food  
**(51)** Int. Cl.  
**A47G 19/10** ( 2006.01 )  
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**(21)** 2016101870 **(22)** 25.10.2016  
**(54)** A lock assembly and a method of operating same  
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**(21)** 2016101795 **(22)** 13.10.2016  
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**(51)** Int. Cl.  
**A21C 9/06** ( 2006.01 )  
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**(72)** TSAI, Cheng-Yen  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Illinois Tool Works Inc.  
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**(21)** 2016101919 **(22)** 28.10.2016  
**(54)** A Lock and Latch Assembly  
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**E05B 9/00** ( 2006.01 )  
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**(71)** INNUOVO INTERNATIONAL TRADE CO.,LTD. HENGDIAN GROUP  
**(11)** AU-A-2016101878  
**(21)** 2016101878 **(22)** 26.10.2016  
**(54)** DEEP-GROOVE BEARING PRESS-FITTING DEVICE  
**(51)** Int. Cl.  
**B23P 19/02** ( 2006.01 )  
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**(72)** SUN, Zhubing; WANG, Haiyang  
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**(54)** DEEP-GROOVE BEARING PRESS-FITTING DEVICE WHICH FACILITATES THE FIXATION OF WORK-PIECES  
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**(54)** DEEP-GROOVE BEARING PRESS-FITTING DEVICE WITH AN EASILY REPLACEABLE PRESS HEAD  
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**B25B 27/02** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(72)** Tsai, Eric Sian Chin  
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(72) Gao, Zhiwei  
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(71) Zhejiang Innuovo Rehabilitation Devices Co., Ltd.  
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(72) NI, Xun; FU, Chengxian  
(74) Admiral Trademarks & Patents Services

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| 2016101704 | Sydney Institute of Marine Science                                                                                                        |
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| 2016101867 | RUE DU 8 PTY LTD                                                                                                                          |
| 2016101870 | Gainsborough Hardware Industries Limited                                                                                                  |
| 2016101873 | SLOKOR COMPUTER SYSTEMS PTY LTD                                                                                                           |
| 2016101874 | Chiera, D.                                                                                                                                |
| 2016101878 | INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-<br>DIAN GROUP                                                                                  |
| 2016101879 | INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-<br>DIAN GROUP                                                                                  |
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| 2016101887 | INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-<br>DIAN GROUP                                                                                  |
| 2016101888 | INNUOVO INTERNATIONAL TRADE CO.,LTD. HENG-<br>DIAN GROUP                                                                                  |
| 2016101890 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101891 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101892 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101895 | Davis, G.                                                                                                                                 |
| 2016101896 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101897 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101898 | Zhejiang Innuovo Rehabilitation Devices Co., Ltd.                                                                                         |
| 2016101899 | Belfiore, J.                                                                                                                              |
| 2016101911 | B&D Australia Pty Ltd                                                                                                                     |
| 2016101914 | Shanmugam, S.                                                                                                                             |
| 2016101915 | Razer (Asia-Pacific) Pte Ltd                                                                                                              |
| 2016101917 | Fliplate Pty Ltd                                                                                                                          |
| 2016101919 | Illinois Tool Works Inc.                                                                                                                  |
| 2016101921 | Shandong Energy Heavy Equipment Manufacturing<br>Group Co., Ltd.; Shandong Energy Heavy Equipment<br>Group Dazu Remanufacturing Co., Ltd. |
| 2016101923 | Bend-tech Investments 1 Pty Ltd                                                                                                           |
| 2016101927 | Dyson Technology Limited                                                                                                                  |
| 2016101928 | Dyson Technology Limited                                                                                                                  |
| 2016101929 | Dyson Technology Limited                                                                                                                  |
| 2016101931 | Apple Inc.                                                                                                                                |

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| 2016101891               | <b><u>E02B 3 /-</u></b>  | <b><u>No IPC Mark</u></b> |
| 2016101892               |                          |                           |
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| 2016101897               |                          |                           |
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- . (\*) Title not in Roman characters
- . (\*\*) Title not given

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| <p>(71) 3E Nutrition Limited<br/>(11) AU-A-2015245265<br/>(21) 2015245265 (22) 01.04.2015<br/>(54) Waste material process and product<br/>(51) Int. Cl.<br/><b>C02F 11/12</b> ( 2006.01 )<br/>(87) WO2015/155631<br/>(31) 623538 (32) 07.04.14 (33) NZ<br/>(43) 15.10.2015<br/>(72) McMillan, Nicholas Robert; Hooper, Carl Ramon<br/>(74) P L BERRY &amp; ASSOCIATES</p>                                                                                                                                                       | <p>(71) Adeka Corporation<br/>(11) AU-A-2015244729<br/>(21) 2015244729 (22) 09.04.2015<br/>(54) Mutant enzyme and production method for terpenoid using said mutant enzyme<br/>(51) Int. Cl.<br/><b>C12N 15/09</b> ( 2006.01 )<br/><b>C12N 1/15</b> ( 2006.01 )<br/><b>C12N 1/16</b> ( 2006.01 )<br/><b>C12N 1/19</b> ( 2006.01 )<br/><b>C12N 1/21</b> ( 2006.01 )<br/><b>C12N 5/10</b> ( 2006.01 )<br/><b>C12N 9/04</b> ( 2006.01 )<br/><b>C12P 5/02</b> ( 2006.01 )<br/>(87) WO2015/156369<br/>(31) 2014-080242 (32) 09.04.14 (33) JP<br/>(43) 15.10.2015<br/>(72) Takehana Toshihiko; Koike Seiji; Kuzuyama Tomohisa<br/>(74) Davies Collison Cave Pty Ltd</p> | <p><b>A61K 39/395</b> ( 2006.01 )<br/><b>A61K 48/00</b> ( 2006.01 )<br/>(87) WO2015/195531<br/>(31) 62/013,715 (32) 18.06.14 (33) US<br/>(43) 23.12.2015<br/>(72) Seidel III, Ronald D.; Chaparro, Rodolfo J.; Hillerich, Brandan S.; Garforth, Scott J.; Almo, Steven C.<br/>(74) FB Rice</p>                                                                                                                                                                                                                                        |
| <p>(71) AB Ronnqvist &amp; Wettainens Mekaniska Verkstad<br/>(11) AU-A-2015268958<br/>(21) 2015268958 (22) 02.06.2015<br/>(54) A device for locking a belt at predetermined belt tension<br/>(51) Int. Cl.<br/><b>F16H 7/14</b> ( 2006.01 )<br/><b>F16M 7/00</b> ( 2006.01 )<br/>(87) WO2015/187085<br/>(31) 1400286-9 (32) 05.06.14 (33) SE<br/>(43) 10.12.2015<br/>(72) Cederstrand, Tommy<br/>(74) FPA Patent Attorneys Pty Ltd</p>                                                                                          | <p>(71) Advanced Gene &amp; Cell Technologies LLC (AGCT LLC)<br/>(11) AU-A-2015255366<br/>(21) 2015255366 (22) 04.05.2015<br/>(54) TAL-effector nuclease for targeted knockout of the HIV co-receptor CCR5<br/>(51) Int. Cl.<br/><b>C12N 9/22</b> ( 2006.01 )<br/><b>C12N 15/90</b> ( 2006.01 )<br/>(87) WO2015/169314<br/>(31) 10 2014 106 327.9 (32) 07.05.14 (33) DE<br/>(43) 12.11.2015<br/>(72) Mock, Ulrike; Fehse, Boris<br/>(74) A.P.T. Patent and Trade Mark Attorneys</p>                                                                                                                                                                               | <p>(71) Align Technology, Inc.<br/>(11) AU-A-2015270203<br/>(21) 2015270203 (22) 03.06.2015<br/>(54) Lens positioning system<br/>(51) Int. Cl.<br/><b>A61B 1/00</b> ( 2006.01 )<br/><b>A61C 9/00</b> ( 2006.01 )<br/><b>G02B 7/00</b> ( 2006.01 )<br/><b>G02B 7/02</b> ( 2006.01 )<br/><b>H02K 33/16</b> ( 2006.01 )<br/><b>H02K 41/035</b> ( 2006.01 )<br/>(87) WO2015/185981<br/>(31) 14/298,648 (32) 06.06.14 (33) US<br/>(43) 10.12.2015<br/>(72) Boltanski, Rami<br/>(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>    |
| <p>(71) Acergy France SAS<br/>(11) AU-A-2015260937<br/>(21) 2015260937 (22) 13.05.2015<br/>(54) Fabrication of pipe strings using friction stir welding<br/>(51) Int. Cl.<br/><b>B23K 20/12</b> ( 2006.01 )<br/><b>B23K 20/22</b> ( 2006.01 )<br/><b>B23K 101/10</b> ( 2006.01 )<br/><b>B23K 101/34</b> ( 2006.01 )<br/>(87) WO2015/173641<br/>(31) 1408579.9 (32) 14.05.14 (33) GB<br/>(43) 19.11.2015<br/>(72) Toguyeni, Gregory Alexandre; Atin, Cesar; Lacome, Jaques<br/>(74) Allens Patent &amp; Trade Mark Attorneys</p> | <p>(71) Agri-Tech Producers, LLC<br/>(11) AU-A-2015256247<br/>(21) 2015256247 (22) 05.05.2015<br/>(54) Combined remediation biomass and bio-product production process<br/>(51) Int. Cl.<br/><b>C10L 9/08</b> ( 2006.01 )<br/><b>C10L 5/36</b> ( 2006.01 )<br/><b>C10L 5/44</b> ( 2006.01 )<br/>(87) WO2015/171570<br/>(31) 61/988,632 (32) 05.05.14 (33) US<br/>(43) 12.11.2015<br/>(72) James, Joseph J.<br/>(74) Baxter Patent Attorneys Pty Ltd</p>                                                                                                                                                                                                           | <p>(71) Align Technology, Inc.<br/>(11) AU-A-2015278737<br/>(21) 2015278737 (22) 24.06.2015<br/>(54) Mounting system for optics<br/>(51) Int. Cl.<br/><b>A61B 1/00</b> ( 2006.01 )<br/><b>A61B 1/24</b> ( 2006.01 )<br/><b>A61B 1/247</b> ( 2006.01 )<br/><b>A61B 5/00</b> ( 2006.01 )<br/><b>A61B 5/107</b> ( 2006.01 )<br/><b>G02B 26/10</b> ( 2006.01 )<br/>(87) WO2015/198238<br/>(31) 14/316,698 (32) 26.06.14 (33) US<br/>(43) 30.12.2015<br/>(72) Boltanski, Rami<br/>(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> |
| <p>(71) ADC Telecommunications, Inc.<br/>(11) AU-A-2015274511<br/>(21) 2015274511 (22) 11.06.2015<br/>(54) Bitrate efficient transport through distributed antenna systems<br/>(51) Int. Cl.<br/><b>H04B 7/24</b> ( 2006.01 )<br/><b>H04L 29/06</b> ( 2006.01 )<br/>(87) WO2015/191888<br/>(31) 62/010,938 (32) 11.06.14 (33) US<br/>(43) 17.12.2015<br/>(72) Uyehara, Lance K.; Zavadsky, Dean; Golubovic, Boris<br/>(74) Davies Collison Cave Pty Ltd</p>                                                                     | <p>(71) Albert Einstein College of Medicine, Inc.<br/>(11) AU-A-2015277460<br/>(21) 2015277460 (22) 15.06.2015<br/>(54) Syntac polypeptides and uses thereof<br/>(51) Int. Cl.<br/><b>A61K 39/00</b> ( 2006.01 )<br/><b>A61K 39/38</b> ( 2006.01 )</p>                                                                                                                                                                                                                                                                                                                                                                                                            | <p>(71) Amaranth Medical Pte; Ramzipoor, K.<br/>(11) AU-A-2015271117<br/>(21) 2015271117 (22) 18.05.2015<br/>(54) Bioabsorbable stents<br/>(51) Int. Cl.<br/><b>A61F 2/06</b> ( 2013.01 )<br/>(87) WO2015/187350<br/>(31) 62/006,603 (32) 02.06.14 (33) US<br/>(43) 10.12.2015<br/>(72) Ramzipoor, Kamal; Lee, Chang Y.<br/>(74) Spruson &amp; Ferguson</p>                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>(71) Amazon Technologies, Inc.<br/>(11) AU-A-2015252871</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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(74) Phillips Ormonde Fitzpatrick
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(74) Davies Collison Cave Pty Ltd
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- (71) American United Energy, Inc.  
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(74) Adams Pluck
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*G01N 33/53* ( 2006.01 )  
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- (71) Ashley Furniture Industries, Inc.  
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*A47C 17/00* ( 2006.01 )  
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- (71) Astrazeneca AB  
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(54) Gold (I)-phosphine compounds as anti-bacterial agents  
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A61K 33/24 (2006.01)  
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(74) Adams Pluck
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(72) Holmes, Ian; Naylor, Alan; Negoita-Giras, Gabriel; Powell, Jonathan; Charles, Ian; Alber, Dagmar  
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- (71) Avent, Inc.  
(11) AU-A-2015277531  
(21) 2015277531 (22) 10.06.2015  
(54) Over-the-needle catheter sleeve  
(51) Int. Cl.  
A61M 25/06 (2006.01)  
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(74) AJ PARK
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G02B 26/08 (2006.01)  
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G01V 3/18 (2006.01)  
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A01N 63/00 (2006.01)  
A61K 38/20 (2006.01)  
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A61M 39/16 (2006.01)  
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|                                              |                                             | Fitzgerald, Daniel P.                      |          |    |
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| (54) Bead-shaped cosmetic dosage forms       | (54) Use of absorbent particles in order to | (54) Assembly of chain stopper and chain,  |          |    |
| (51) Int. Cl.                                | improve signal detection in an analysis     | and chain stopper for use therein          |          |    |
| <b>A61K 8/25</b> ( 2006.01 )                 | method                                      | (51) Int. Cl.                              |          |    |
| <b>A61K 8/02</b> ( 2006.01 )                 | (51) Int. Cl.                               | <b>B63B 21/18</b> ( 2006.01 )              |          |    |
| <b>A61K 8/04</b> ( 2006.01 )                 | <b>G01N 33/543</b> ( 2006.01 )              | <b>B63B 21/04</b> ( 2006.01 )              |          |    |
| <b>A61K 8/26</b> ( 2006.01 )                 | <b>G01N 33/58</b> ( 2006.01 )               | <b>B63B 21/50</b> ( 2006.01 )              |          |    |
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| <b>A61Q 19/00</b> ( 2006.01 )                | (74) Phillips Ormonde Fitzpatrick           |                                            |          |    |
| <b>A61Q 19/08</b> ( 2006.01 )                |                                             |                                            |          |    |
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| Dana                                         | (51) Int. Cl.                               | (54) Antisense antibacterial compounds and |          |    |
| (74) Shelston IP Pty Ltd.                    | <b>C07D 221/02</b> ( 2006.01 )              | methods                                    |          |    |
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| <b>A61K 8/26</b> ( 2006.01 )                 | (54) Secure storage and accelerated trans-  |                                            |          |    |
| <b>A61K 8/27</b> ( 2006.01 )                 | mission of information over communica-      |                                            |          |    |
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C05F 9/02 ( 2006.01 )  
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H01L 49/02 ( 2006.01 )  
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(51) Int. Cl.  
F01M 11/04 ( 2006.01 )  
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F01M 11/00 ( 2006.01 )  
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C07D 239/48 ( 2006.01 )  
A61K 31/495 ( 2006.01 )  
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| (54) Liquid antimicrobial comprising a wa-<br>ter-soluble polymer and a water-soluble<br>antimicrobial agent                                               |          |    | (54) Gas spring and gas damper assemblies<br>as well as suspension systems includ-<br>ing same                                           |  |
| (51) Int. Cl.                                                                                                                                              |          |    | (51) Int. Cl.                                                                                                                            |  |
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| (51) Int. Cl.                                                                                                                                              |          |    | (51) Int. Cl.                                                                                                                            |  |
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| (54) Method for filling a container                                                                                                                        |          |    | (54) System for analyzing vascular refill dur-<br>ing short-pulse ultrafiltration in hemo-<br>dialysis                                   |  |
| (51) Int. Cl.                                                                                                                                              |          |    | (51) Int. Cl.                                                                                                                            |  |
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| (54) Combined convector                                                                                                                                    |          |    | (54) Combined convector                                                                                                                  |  |
| (51) Int. Cl.                                                                                                                                              |          |    | (51) Int. Cl.                                                                                                                            |  |
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(74) Shelston IP Pty Ltd.

(71) GEA Farm Technologies GmbH  
(11) AU-A-2015261906  
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**C07C 1/24** ( 2006.01 )  
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**B60P 1/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**B60P 1/02** ( 2006.01 )  
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**H04B 7/185** ( 2006.01 )  
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*H01M 8/02* ( 2006.01 )
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| 2014282421 | Unicharm Corporation                                                          | 2015243670 | Jaguar Land Rover Limited                                                                             |
| 2014292911 | PeakNRG                                                                       | 2015243819 | Thomson Licensing                                                                                     |
| 2014298191 | Clark-Ward, G.                                                                | 2015243877 | BitSpray Corporation                                                                                  |
| 2014389288 | KMA Concepts Limited                                                          | 2015243926 | University of Florida Research Foundation, Incorporated                                               |
| 2014389497 | Siemens Aktiengesellschaft                                                    | 2015244221 | Oilfield Fishing Solutions, LLC                                                                       |
| 2014390004 | Empire Technology Development LLC                                             | 2015244327 | Channel Medsystems, Inc.                                                                              |
| 2014390715 | Ornella, C.; Ornella, A.                                                      | 2015244493 | Thermtech Holding AS                                                                                  |
| 2014391006 | Dow Global Technologies LLC; Rohm and Haas Company                            | 2015244494 | Odin Connect AS                                                                                       |
| 2014391020 | Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd. | 2015244501 | Hayward, K.; Hayward, C.                                                                              |
| 2014391028 | Rohm and Haas Company                                                         | 2015244700 | School Corporation, Azabu Veterinary Medicine Educational Institution; The University of Tokyo; Riken |
| 2014391255 | Facebook, Inc.                                                                | 2015244729 | Adeka Corporation                                                                                     |
| 2014391550 | Skyrobot Inc.                                                                 | 2015245265 | 3E Nutrition Limited                                                                                  |
| 2014391615 | Sustenir Group Pte. Ltd.                                                      | 2015245327 | Runway Innovations Limited                                                                            |
| 2014391856 | Ardex Anlagen GmbH                                                            | 2015245388 | Normet Oy                                                                                             |
| 2014392320 | Huawei Technologies Co., Ltd.                                                 | 2015245440 | Ferrovial Agroman, S.A.                                                                               |
| 2014392615 | Baker Hughes Incorporated                                                     | 2015245444 | Ferrovial Agroman, S.A.                                                                               |
| 2014392651 | Empire Technology Development LLC                                             | 2015245463 | Universita' degli Studi di Milano; IFOM - Fondazione Istituto FIRC di Oncologia Molecolare            |
| 2014392694 | Kimberly-Clark Worldwide, Inc.                                                | 2015245888 | Doti, R.; Lugo-Arce, J.; Faubert, J.                                                                  |
| 2014393342 | Lin, T.                                                                       | 2015245934 | Nxt Enterprise Pty Ltd                                                                                |
| 2014393402 | Osiris Therapeutics, Inc.                                                     | 2015245948 | Lockliv Holdings Pty. Ltd.                                                                            |
| 2014393403 | Osiris Therapeutics, Inc.                                                     | 2015245952 | Naturo All Natural Technologies Pty. Ltd.                                                             |
| 2014393404 | Osiris Therapeutics, Inc.                                                     | 2015246004 | Behar, Y.; Varon, T.; Sadan-Saban, A.                                                                 |
| 2014393418 | General Mills, Inc.                                                           | 2015246030 | Nanoceutica Laboratories Pvt. Ltd                                                                     |
| 2014393487 | Tecnimede Sociedade Tecnico-Medicinal S.A.                                    | 2015246383 | Sonoco Development Inc.                                                                               |
| 2014393488 | Tecnimede Sociedade Tecnico-Medicinal S.A.                                    | 2015246655 | CETL Pty Ltd                                                                                          |
| 2014393489 | Tecnimede Sociedade Tecnico-Medicinal S.A.                                    | 2015246708 | Shepherd Inventor Limited                                                                             |
| 2014393490 | Tecnimede Sociedade Tecnico-Medicinal S.A.                                    | 2015246991 | Nihon Nohyaku Co., Ltd.                                                                               |
| 2014393628 | The Boots Company PLC                                                         | 2015247107 | Teijin Limited                                                                                        |
| 2014393630 | Decathlon                                                                     | 2015247464 | Thakur, R.                                                                                            |
| 2014393640 | Husqvarna AB                                                                  | 2015247529 | Savage River, Inc. dba Beyond Meat                                                                    |
| 2014393708 | Prysmian S.p.A.                                                               | 2015247542 | Board of Regents of The University of Texas System; Blood Systems Research Institute                  |
| 2014394386 | Industrie Borla S.p.A                                                         | 2015247632 | GOJO Industries, Inc.                                                                                 |
| 2014394452 | Samsung Electronics Co., Ltd.                                                 | 2015247657 | Nitta Casings Inc.                                                                                    |
| 2014395149 | Razer (Asia-Pacific) Pte. Ltd.                                                | 2015247666 | Pegram, N.; Tokitae LLC                                                                               |
| 2014395161 | Colgate-Palmolive Company                                                     | 2015247667 | United States Mineral Products Company                                                                |
| 2014395265 | Nisshin Steel Co., Ltd.                                                       | 2015247742 | Sorrento Therapeutics, Inc.                                                                           |
| 2014395431 | Siemens Aktiengesellschaft                                                    | 2015247776 | Dematic Corp.                                                                                         |
| 2014395495 | Colgate-Palmolive Company                                                     | 2015247800 | Precision Planting LLC                                                                                |
| 2014395508 | Micro Motion, Inc.                                                            | 2015247825 | Sorrento Therapeutics, Inc.                                                                           |
| 2014395554 | Interactive Intelligence, Inc.                                                | 2015247845 | Zipcar, Inc.                                                                                          |
| 2014396836 | Halliburton Energy Services, Inc.                                             | 2015247924 | Stanley Black & Decker, Inc.                                                                          |
| 2014396852 | Landmark Graphics Corporation                                                 | 2015247975 | United States Gypsum Company                                                                          |
| 2014397202 | Bluewater Energy Services B.V.                                                | 2015248261 | Unicharm Corporation                                                                                  |
| 2014397552 | IHI Corporation                                                               | 2015248452 | HealthWatch Ltd.                                                                                      |
| 2014399897 | Halliburton Energy Services, Inc.                                             | 2015248453 | HealthWatch Ltd.                                                                                      |
| 2014399900 | Multi-Chem Group, LLC                                                         | 2015248656 | The University of Nottingham; NewSouth Innovations Pty Limited                                        |
| 2014399903 | Halliburton Energy Services, Inc.                                             | 2015248785 | UCB Biopharma SPRL                                                                                    |
| 2014400599 | Halliburton Energy Services, Inc.                                             | 2015248899 | Swedish Orphan Biovitrum AB (publ)                                                                    |
| 2014400642 | Halliburton Energy Services, Inc.                                             | 2015249225 | Memorial Sloan-Kettering Cancer Center                                                                |
| 2014400807 | Halliburton Energy Services, Inc.                                             | 2015249306 | Ashley Furniture Industries, Inc.                                                                     |
| 2014404427 | Halliburton Energy Services, Inc.                                             | 2015249640 | American United Energy, Inc.                                                                          |
| 2014407583 | Halliburton Energy Services, Inc.                                             | 2015249698 | Grove, D.                                                                                             |
| 2014413083 | AquaJet Zrt.                                                                  | 2015249888 | The Climate Corporation                                                                               |
| 2015239037 | Purac Biochem BV                                                              | 2015250025 | Ingenious Designs LLC                                                                                 |
| 2015239051 | Esteban Gonzalez, F.                                                          | 2015250109 | United States Gypsum Company                                                                          |
| 2015240454 | Mayo Foundation for Medical Education and Research                            | 2015250119 | Becton, Dickinson and Company                                                                         |
| 2015240521 | Intra-Cellular Therapies, Inc.                                                | 2015250120 | Becton, Dickinson and Company                                                                         |
| 2015240526 | Intra-Cellular Therapies, Inc.                                                | 2015250121 | Becton, Dickinson and Company                                                                         |
| 2015240694 | Brooks, T.; Brooks, T.                                                        | 2015250158 | Weatherford Technology Holdings, LLC                                                                  |
| 2015241307 | W.L. Gore & Associates, Inc.                                                  | 2015250247 | Caterpillar Inc.                                                                                      |
| 2015243186 | REG Life Sciences, LLC                                                        | 2015250248 | Caterpillar Inc.                                                                                      |
| 2015243283 | Zag Technologies (Ireland) Limited                                            | 2015250574 | Chugai Seiyaku Kabushiki Kaisha                                                                       |
| 2015243289 | Bio-Rad Innovations                                                           |            |                                                                                                       |
| 2015243373 | S&C Electric Company                                                          |            |                                                                                                       |
| 2015243419 | Zosimadis, P.; GOJO Industries, Inc                                           |            |                                                                                                       |

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| 2015250611 | Otsuka Pharmaceutical Co., Ltd.; H. Lundbeck A/S                                                       | 2015256232 | Conagen Inc.                                                              |
| 2015250633 | S. A. Armstrong Limited                                                                                | 2015256247 | Agri-Tech Producers, LLC                                                  |
| 2015250634 | S. A. Armstrong Limited                                                                                | 2015256283 | Frontier Scientific, Inc.                                                 |
| 2015250635 | S. A. Armstrong Limited                                                                                | 2015256412 | Horton, Inc.                                                              |
| 2015250907 | Compagnie Generale des Etablissements Michelin; Michelin Recherche et Technique S.A.                   | 2015256416 | Noramco, Inc.                                                             |
| 2015251503 | Intelligent Inventions Limited                                                                         | 2015256507 | Noramco, Inc.                                                             |
| 2015251504 | Rocca Manufacturing Pty Ltd                                                                            | 2015256728 | Cooperatie Avebe U.A.                                                     |
| 2015251650 | Toyo Seikan Group Holdings, Ltd.                                                                       | 2015256729 | Universiteit Utrecht Holding B.V.                                         |
| 2015252223 | Universidad de Granada; Stichting VUmc                                                                 | 2015256995 | Suntory Holdings Limited                                                  |
| 2015252359 | Opex Corporation                                                                                       | 2015256997 | Suntory Holdings Limited                                                  |
| 2015252640 | Shanghai Institute of Materia Medica, Chinese Academy of Sciences                                      | 2015257255 | Iuno LLC                                                                  |
| 2015252707 | Epimeron Inc.                                                                                          | 2015257275 | Ohayon, S.                                                                |
| 2015252753 | PortaGrid Systems Pty Ltd                                                                              | 2015257302 | K.J. & S. Pulsford Pty Ltd                                                |
| 2015252871 | Amazon Technologies, Inc.                                                                              | 2015257365 | Dosatron International                                                    |
| 2015252992 | Arizona Board of Regents on behalf of Arizona State University                                         | 2015257447 | Koninklijke Douwe Egberts B.V.                                            |
| 2015253040 | Celgene Quanticel Research, Inc.                                                                       | 2015257456 | AstraZeneca AB                                                            |
| 2015253232 | The Trustees of Columbia University in the City of New York                                            | 2015257462 | MBDA UK Limited                                                           |
| 2015253313 | Ellipse Technologies, Inc.                                                                             | 2015257479 | JSM Construction Limited                                                  |
| 2015253334 | ELC Management LLC                                                                                     | 2015257532 | BAE Systems PLC                                                           |
| 2015253390 | ELC Management LLC                                                                                     | 2015257540 | Orion Corporation                                                         |
| 2015253396 | ELC Management LLC                                                                                     | 2015257589 | Nogra Pharma Limited                                                      |
| 2015253949 | Mellon Medical B.V.                                                                                    | 2015257594 | Tangent Reprofilling Limited                                              |
| 2015254254 | The Yokohama Rubber Co., Ltd.                                                                          | 2015257738 | Technip France                                                            |
| 2015254267 | Shimadzu Corporation                                                                                   | 2015258124 | Fresenius Medical Care Deutschland GmbH                                   |
| 2015254865 | Kyowa Hakko Bio Co., Ltd.                                                                              | 2015258133 | Beiersdorf AG                                                             |
| 2015254945 | Kimberly-Clark Worldwide, Inc.                                                                         | 2015258134 | Beiersdorf AG                                                             |
| 2015255003 | MBDA UK Limited                                                                                        | 2015258535 | China University of Mining and Technology                                 |
| 2015255078 | Subsea 7 Limited                                                                                       | 2015258711 | DNA Genotek Inc.                                                          |
| 2015255110 | Oleon NV                                                                                               | 2015258718 | DEB IP Limited                                                            |
| 2015255125 | Outotec (Finland) Oy                                                                                   | 2015258765 | Ross Equipment Australia Pty Ltd                                          |
| 2015255366 | Advanced Gene & Cell Technologies LLC (AGCT LLC)                                                       | 2015258781 | Catalyst Therapeutics Pty Ltd                                             |
| 2015255619 | Ranken, A.                                                                                             | 2015258807 | Corcept Therapeutics, Inc.                                                |
| 2015255621 | Commonwealth Scientific and Industrial Research Organisation                                           | 2015258875 | Baylor Research Institute                                                 |
| 2015255636 | Nplex Pty Ltd                                                                                          | 2015258895 | Board of Regents, The University of Texas System; Oregon State University |
| 2015255642 | HGN Pty Ltd                                                                                            | 2015258900 | Vivus, Inc.                                                               |
| 2015255646 | Medvet Science Pty Ltd.                                                                                | 2015258913 | Dometic Corporation                                                       |
| 2015255652 | Eyefluence, Inc.                                                                                       | 2015258930 | Smith & Nephew, Inc.                                                      |
| 2015255662 | Biosearch Technologies, Inc.                                                                           | 2015258962 | Cleveland HeartLab, Inc.                                                  |
| 2015255686 | Inoex Investment Corporation                                                                           | 2015259019 | Merrimack Pharmaceuticals, Inc.                                           |
| 2015255712 | Glasses.com Inc.                                                                                       | 2015259051 | Curtis, P.; Liles, H.; Sprigle, S.; Kirk, R.                              |
| 2015255730 | Glasses.com Inc.                                                                                       | 2015259053 | Amgen Inc.                                                                |
| 2015255738 | Pimera, Inc.                                                                                           | 2015259058 | Heritage Technologies, LLC                                                |
| 2015255752 | Phasebio Pharmaceuticals, Inc.                                                                         | 2015259083 | Novartis AG                                                               |
| 2015255765 | The United States of America, as represented by The Secretary, Department of Health and Human Services | 2015259092 | General Mills, Inc.                                                       |
| 2015255801 | Firestone Industrial Products Company, LLC                                                             | 2015259213 | Nuvera Fuel Cells, LLC                                                    |
| 2015255913 | View, Inc.                                                                                             | 2015259249 | Firestone Industrial Products Company, LLC                                |
| 2015255935 | Precision Planting LLC                                                                                 | 2015259252 | The Procter & Gamble Company                                              |
| 2015255942 | Precision Planting LLC                                                                                 | 2015259291 | Capacitor Sciences Incorporated                                           |
| 2015255956 | Xero Limited                                                                                           | 2015259302 | Mating Components, LLC                                                    |
| 2015255979 | The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.                         | 2015259305 | Micron Devices LLC                                                        |
| 2015255987 | Drug Development Analytics LLC                                                                         | 2015259345 | Capacitor Sciences Incorporated                                           |
| 2015255993 | Research Now Group, Inc.                                                                               | 2015259373 | Rowley, J.; Lock, L.                                                      |
| 2015256010 | Amazon Technologies, Inc.                                                                              | 2015259393 | Schlumberger Technology B.V.                                              |
| 2015256012 | Neurocrine Biosciences, Inc.                                                                           | 2015259397 | Schlumberger Technology B.V.                                              |
| 2015256024 | VertiFlex, Inc.                                                                                        | 2015259400 | Smith & Nephew, Inc.                                                      |
| 2015256066 | Smith & Nephew, Inc.                                                                                   | 2015259411 | Hubbell Incorporated                                                      |
| 2015256075 | Northwestern University                                                                                | 2015259471 | Conatus Pharmaceuticals, Inc.                                             |
| 2015256146 | Insignia Health, LLC                                                                                   | 2015259509 | Restorsea, LLC                                                            |
| 2015256152 | Cal Safe Soil, LLC                                                                                     | 2015259618 | Applied Bolting Technology                                                |
| 2015256153 | Caliber Imaging & Diagnostics, Inc.                                                                    | 2015259635 | Covidien LP                                                               |
| 2015256178 | The Board of Regents of the University of Texas System                                                 | 2015259748 | Google Inc.                                                               |
| 2015256208 | University of Tennessee Research Foundation; GTx, Inc.                                                 | 2015259802 | Uber Technologies, Inc.                                                   |
| 2015256210 | Duke Manufacturing Co.                                                                                 | 2015260605 | Unicharm Corporation                                                      |
|            |                                                                                                        | 2015260633 | Japan Mode Co., Ltd.                                                      |
|            |                                                                                                        | 2015260743 | Frigel Firenze S.p.A.                                                     |
|            |                                                                                                        | 2015260758 | Glaxosmithkline Intellectual Property Management Limited                  |
|            |                                                                                                        | 2015260937 | Acergy France SAS                                                         |
|            |                                                                                                        | 2015260938 | CGG Services SA                                                           |
|            |                                                                                                        | 2015260962 | MedImmune Limited                                                         |
|            |                                                                                                        | 2015261006 | Elfa International AB                                                     |

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| 2015261010 | Elfa International AB                                                                                  | 2015268106 | Sethi, R.                                                                                                          |
| 2015261054 | Bayer CropScience Aktiengesellschaft                                                                   | 2015268112 | Marchesan Implementos e Maquinas Agricolas Tatu S.A.                                                               |
| 2015261259 | UCL Business PLC                                                                                       | 2015268480 | Mitsubishi Electric Corporation                                                                                    |
| 2015261399 | LifeScan Scotland Limited                                                                              | 2015268827 | Owens-Brockway Glass Container Inc.                                                                                |
| 2015261422 | Biolnvent International AB                                                                             | 2015268958 | AB Ronnqvist & Wettainens Mekaniska Verkstad                                                                       |
| 2015261427 | Smith & Nephew Plc                                                                                     | 2015269381 | Yaver, D.; Moyer, D.; Novozymes A/S                                                                                |
| 2015261455 | OMICRON Electronics GmbH                                                                               | 2015269598 | Merck Patent GmbH                                                                                                  |
| 2015261519 | Universitat Autònoma De Barcelona; Laboratorios Del Dr. Esteve S.A.                                    | 2015270058 | Jain Irrigation Systems Limited                                                                                    |
| 2015261796 | Castrol Limited                                                                                        | 2015270098 | Flux Innovations Pty Ltd                                                                                           |
| 2015261805 | Castrol Limited                                                                                        | 2015270125 | Novartis AG                                                                                                        |
| 2015261812 | F. Hoffmann-La Roche AG                                                                                | 2015270203 | Align Technology, Inc.                                                                                             |
| 2015261885 | Reactive Technologies Limited                                                                          | 2015270337 | Lafarge                                                                                                            |
| 2015261906 | GEA Farm Technologies GmbH                                                                             | 2015270394 | Octapharma AG                                                                                                      |
| 2015261919 | Buhlmann Laboratories AG                                                                               | 2015270432 | PURAC Biochem BV                                                                                                   |
| 2015261968 | Pieris Pharmaceuticals GmbH                                                                            | 2015270559 | Apelab Sarl                                                                                                        |
| 2015262785 | Mitsubishi Plastics Agri Dream Co., Ltd.                                                               | 2015270716 | Geberit International AG                                                                                           |
| 2015262984 | Azargen Biotechnologies (Pty) Ltd                                                                      | 2015270950 | Crowdstrike, Inc.                                                                                                  |
| 2015263049 | Novartis AG                                                                                            | 2015271093 | Metso Minerals Industries, Inc.                                                                                    |
| 2015263113 | Huntsman P&A UK Limited                                                                                | 2015271100 | Redwood Bioscience, Inc.                                                                                           |
| 2015263172 | ISI Integration & Solutions Industrielles                                                              | 2015271117 | Amaranth Medical Pte; Ramzipoor, K.                                                                                |
| 2015263285 | MedImmune Limited                                                                                      | 2015271632 | NAUTI-CRAFT PTY LTD                                                                                                |
| 2015263286 | Helsingin Yliopisto                                                                                    | 2015272643 | Hydraulic Power Systems Co., Ltd.                                                                                  |
| 2015263424 | SCA Hygiene Products AB                                                                                | 2015273252 | Fantex Limited                                                                                                     |
| 2015263494 | Unilever PLC                                                                                           | 2015273253 | Fantex Limited                                                                                                     |
| 2015263635 | Shenzhen Salubris Pharmaceuticals Co., Ltd                                                             | 2015273469 | Philip Morris Products S.A.                                                                                        |
| 2015263802 | Buxton, K.                                                                                             | 2015273605 | LifeScan Scotland Limited                                                                                          |
| 2015263828 | Eftsure Pty Ltd                                                                                        | 2015274511 | ADC Telecommunications, Inc.                                                                                       |
| 2015263901 | Promega Corporation                                                                                    | 2015274554 | Gilead Sciences, Inc.                                                                                              |
| 2015263906 | Sparr, J.                                                                                              | 2015274626 | Gilead Sciences, Inc.                                                                                              |
| 2015263953 | Medivators Inc.                                                                                        | 2015274628 | Gilead Sciences, Inc.                                                                                              |
| 2015263995 | Payziev, A.; Payziev, A.                                                                               | 2015274938 | Newpark Mats & Integrated Services LLC                                                                             |
| 2015264101 | David S. Smith America, Inc., DBA, Worldwide Dispensers                                                | 2015274987 | Gilead Sciences, Inc.                                                                                              |
| 2015264120 | Fred Hutchinson Cancer Research Center; Board of Regents of the University of Texas System             | 2015275505 | MITSUBISHI ELECTRIC CORPORATION                                                                                    |
| 2015264272 | Millennium Pharmaceuticals, Inc.                                                                       | 2015275794 | Yulex Corporation                                                                                                  |
| 2015264428 | Black & Decker Inc.                                                                                    | 2015275826 | Pfizer Inc.                                                                                                        |
| 2015264449 | Board of Regents, The University of Texas System; Oregon State University                              | 2015276889 | Gelesis, LLC                                                                                                       |
| 2015264509 | The Gillette Company LLC                                                                               | 2015277109 | Google Inc.                                                                                                        |
| 2015264670 | Mentor Worldwide LLC                                                                                   | 2015277433 | Dow AgroSciences LLC                                                                                               |
| 2015265443 | Anheuser-Busch, LLC                                                                                    | 2015277460 | Albert Einstein College of Medicine, Inc.                                                                          |
| 2015265470 | Novartis AG                                                                                            | 2015277531 | Avent, Inc.                                                                                                        |
| 2015265620 | Entasis Therapeutics Limited                                                                           | 2015277532 | Avent, Inc.                                                                                                        |
| 2015265668 | Lohr Electromecanique                                                                                  | 2015277578 | Newpark Mats & Integrated Services LLC                                                                             |
| 2015265669 | Lohr Electromecanique                                                                                  | 2015278737 | Align Technology, Inc.                                                                                             |
| 2015265696 | Astrazeneca AB                                                                                         | 2015279116 | Philip Morris Products S.A.                                                                                        |
| 2015265714 | Auspherix Limited                                                                                      | 2015279978 | Siemens Industry, Inc.                                                                                             |
| 2015265715 | Auspherix Limited                                                                                      | 2015281776 | Caroma Industries Limited                                                                                          |
| 2015265721 | Marcireau, D.                                                                                          | 2015282648 | OMICRON Electronics GmbH                                                                                           |
| 2015265799 | Rhodia Operations                                                                                      | 2015283079 | Ventana Medical Systems, Inc.                                                                                      |
| 2015265920 | Linde Aktiengesellschaft                                                                               | 2015283158 | Sandvik Intellectual Property AB                                                                                   |
| 2015265924 | OMYA International AG                                                                                  | 2015284032 | Halliburton Energy Services, Inc.                                                                                  |
| 2015266117 | Grunenthal GmbH                                                                                        | 2015284175 | D.C. Water & Sewer Authority; Bott, C.; Hampton Roads Sanitation District; Wett, B.; Murthy, S.; De Clippeleir, H. |
| 2015266175 | Omya International AG                                                                                  | 2015284614 | Rosemount Inc.                                                                                                     |
| 2015266183 | Lufthansa Systems GmbH & Co. KG                                                                        | 2015284773 | eCharge2 Corporation                                                                                               |
| 2015266243 | Siemens Aktiengesellschaft                                                                             | 2015286578 | Philip Morris Products S.A.                                                                                        |
| 2015266246 | Omya International AG                                                                                  | 2015286675 | Pierre Fabre Medicament                                                                                            |
| 2015266270 | Unilever PLC                                                                                           | 2015286727 | Carl Zeiss Vision International GmbH                                                                               |
| 2015266325 | Ernst Strungmann Institut Gemeinnutzige GmbH                                                           | 2015286795 | CNH Industrial Belgium NV                                                                                          |
| 2015266795 | Fresenius Medical Care Holdings, Inc.                                                                  | 2015287110 | Melitta Single Portions GmbH & Co. KG                                                                              |
| 2015266818 | The United States of America, as represented by The Secretary, Department of Health and Human Services | 2015288023 | Westinghouse Air Brake Technologies Corporation                                                                    |
| 2015266819 | E. I. du Pont de Nemours and Company                                                                   | 2015288256 | Halliburton Energy Services, Inc.                                                                                  |
| 2015267200 | Cornell University; Memorial Sloan Kettering Cancer Center                                             | 2015288257 | Halliburton Energy Services, Inc.                                                                                  |
| 2015267239 | SunPower Corporation                                                                                   | 2015288757 | Mitsubishi Rayon Co., Ltd.; Mitsubishi Chemical Engineering Corporation                                            |
| 2015267265 | SunPower Corporation                                                                                   | 2015291779 | Rheem Australia Pty Limited                                                                                        |
| 2015267299 | SunPower Corporation                                                                                   | 2015291788 | Novogen Ltd                                                                                                        |
| 2015268087 | Easygrill Pty Ltd                                                                                      | 2015294244 | Electrolux Appliances Aktiebolag                                                                                   |
| 2015268091 | Landis & Gyr Pty Ltd                                                                                   | 2015294448 | Honeywell International Inc.                                                                                       |
|            |                                                                                                        | 2015294471 | Honeywell International Inc.                                                                                       |
|            |                                                                                                        | 2015295832 | Robert Bosch GmbH                                                                                                  |

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| <b>2015297035</b> | Eyefluence, Inc.      |
| <b>2015297036</b> | Eyefluence, Inc.      |
| <b>2015298303</b> | Novartis AG           |
| <b>2015324564</b> | Duke University       |
| <b>2015329685</b> | Viviers Famille Trust |
| <b>2016222499</b> | Sipco Pty Ltd         |
| <b>2016252010</b> | Tronox LLC            |

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| 2015247800               | 2015275794               | 2015247657               | 2015257302               | 2015253334               | 2015298303               |
| <b><u>A01C 1 /-</u></b>  | <b><u>A01H 5 /-</u></b>  | <b><u>A23B 7 /-</u></b>  | <b><u>A45D 42 /-</u></b> | 2015253390               | <b><u>A61H 1 /-</u></b>  |
| 2015261054               | 2015262984               | 2015245952               | 2015246004               | 2015253396               | 2015259302               |
| 2015265799               | 2015275794               | <b><u>A23D 7 /-</u></b>  | <b><u>A46B 13 /-</u></b> | <b><u>A61B 1 /-</u></b>  | <b><u>A61H 19 /-</u></b> |
| <b><u>A01C 5 /-</u></b>  | <b><u>A01J 5 /-</u></b>  | 2015263494               | 2015253390               | 2015270203               | 2015259302               |
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| 2015255942               | <b><u>A01K 67 /-</u></b> | 2015256995               | 2014395495               | 2015253313               | <b><u>A61H 23 /-</u></b> |
| <b><u>A01C 7 /-</u></b>  | 2015261422               | <b><u>A23G 3 /-</u></b>  | <b><u>A46D 1 /-</u></b>  | 2015253949               | <b><u>A61H 3 /-</u></b>  |
| 2015255942               | <b><u>A01M 1 /-</u></b>  | 2015256728               | 2014395495               | 2015256024               | 2015259051               |
| <b><u>A01D 34 /-</u></b> | 2015247666               | <b><u>A23G 9 /-</u></b>  | <b><u>A47B 88 /-</u></b> | 2015256066               | <b><u>A61K 31 /-</u></b> |
| 2014393640               | <b><u>A01M 23 /-</u></b> | 2015266270               | 2015261006               | 2015258930               | 2014393487               |
| 2015251504               | 2015247666               | <b><u>A23J 1 /-</u></b>  | <b><u>A47C 17 /-</u></b> | 2015259400               | 2014393489               |
| <b><u>A01D 45 /-</u></b> | <b><u>A01N 1 /-</u></b>  | 2015247529               | 2015249306               | 2015266325               | 2014393490               |
| 2015268112               | 2015259373               | <b><u>A23J 3 /-</u></b>  | <b><u>A47C 23 /-</u></b> | 2015277531               | 2015240521               |
| <b><u>A01D 57 /-</u></b> | <b><u>A01N 25 /-</u></b> | 2015247529               | 2015249306               | <b><u>A61B 18 /-</u></b> | 2015240526               |
| 2015251504               | 2015246991               | <b><u>A23L 13 /-</u></b> | <b><u>A47F 13 /-</u></b> | 2015245888               | 2015245463               |
| <b><u>A01D 69 /-</u></b> | 2015273252               | 2015247529               | 2015263802               | <b><u>A61B 34 /-</u></b> | 2015248656               |
| 2014393640               | 2015277433               | <b><u>A23L 29 /-</u></b> | <b><u>A47J 31 /-</u></b> | 2015259635               | 2015250574               |
| <b><u>A01F 15 /-</u></b> | <b><u>A01N 31 /-</u></b> | 2015276889               | 2015243541               | 2015261259               | 2015250611               |
| 2015286795               | 2015255110               | <b><u>A23L 3 /-</u></b>  | 2015287110               | <b><u>A61B 5 /-</u></b>  | 2015252640               |
| 2016222499               | <b><u>A01N 33 /-</u></b> | 2015256152               | <b><u>A47J 36 /-</u></b> | 2015259635               | 2015253040               |
| <b><u>A01F 17 /-</u></b> | 2015273252               | <b><u>A23N 12 /-</u></b> | 2015256210               | 2015261259               | 2015253232               |
| 2016222499               | <b><u>A01N 37 /-</u></b> | 2015245952               | 2015257255               | <b><u>A61B 9 /-</u></b>  | 2015254865               |
| <b><u>A01G 1 /-</u></b>  | 2015246991               | <b><u>A24F 13 /-</u></b> | <b><u>A47J 37 /-</u></b> | 2015258781               | 2015255738               |
| 2015255935               | <b><u>A01N 47 /-</u></b> | 2015273469               | 2015255642               | 2015258900               | 2015255765               |
| <b><u>A01G 23 /-</u></b> | 2015273252               | <b><u>A24F 47 /-</u></b> | 2015268087               | 2015245888               | 2015256012               |
| 2015263172               | 2015277433               | 2015279116               | <b><u>A47J 43 /-</u></b> | <b><u>A61C 9 /-</u></b>  | 2015256178               |
| <b><u>A01G 25 /-</u></b> | <b><u>A01N 63 /-</u></b> | 2015286578               | 2015255642               | 2015270203               | 2015256208               |
| 2015270058               | 2015258875               | <b><u>A41B 1 /-</u></b>  | <b><u>A47J 45 /-</u></b> | <b><u>A61F 13 /-</u></b> | 2015256997               |
| <b><u>A01G 3 /-</u></b>  | 2015277433               | 2015257302               | 2015255642               | 2014282421               | 2015257456               |
| 2014393342               | <b><u>A01P 1 /-</u></b>  | <b><u>A41B 13 /-</u></b> | <b><u>A47K 10 /-</u></b> | 2015248261               | 2015257540               |
| <b><u>A01G 31 /-</u></b> | 2015273252               | 2015257302               | 2015263424               | 2015260605               | 2015257594               |
| 2015262785               | <b><u>A01P 3 /-</u></b>  | <b><u>A41D 1 /-</u></b>  | <b><u>A47K 13 /-</u></b> | <b><u>A61F 2 /-</u></b>  | 2015258781               |
| <b><u>A01G 7 /-</u></b>  | 2015246991               | 2015248452               | 2015263995               | 2013296548               | 2015258900               |
| 2015262785               | 2015255110               | 2015257302               | <b><u>A47K 5 /-</u></b>  | 2015241307               | 2015259083               |
| <b><u>A01G 9 /-</u></b>  | 2014393418               | <b><u>A41D 11 /-</u></b> | 2015243419               | 2015258930               | 2015259471               |
| 2014391615               |                          | 2015257302               | 2015247632               | 2015264670               | 2015261812               |
| 2015262785               |                          |                          | 2015258718               | 2015271117               | 2015263049               |
|                          |                          |                          |                          |                          | 2015263635               |
|                          |                          |                          |                          |                          | 2015264272               |
|                          |                          |                          |                          |                          | 2015265470               |
|                          |                          |                          |                          |                          | 2015265620               |
|                          |                          |                          |                          |                          | 2015266117               |
|                          |                          |                          |                          |                          | 2015269598               |
|                          |                          |                          |                          |                          | 2015270125               |
|                          |                          |                          |                          |                          | 2015271100               |
|                          |                          |                          |                          |                          | 2015274554               |
|                          |                          |                          |                          |                          | 2015274626               |
|                          |                          |                          |                          |                          | 2015274628               |
|                          |                          |                          |                          |                          | 2015275826               |
|                          |                          |                          |                          |                          | 2015276889               |
|                          |                          |                          |                          |                          | 2015286675               |
|                          |                          |                          |                          |                          | 2015291788               |
|                          |                          |                          |                          | <b><u>A61F 5 /-</u></b>  | <b><u>A61K 33 /-</u></b> |
|                          |                          |                          |                          | 2015263906               | 2015265714               |
|                          |                          |                          |                          |                          | 2015265715               |

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

|                                                                                                                                                                      |                                                                                                                                                                                              |                                                                                                                                                                                                                    |                                                                                                                                                           |                                             |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------|
| <b><u>A61K 35 /-</u></b>                                                                                                                                             | <b><u>A61K 9 /-</u></b>                                                                                                                                                                      | <b><u>A61P 19 /-</u></b>                                                                                                                                                                                           | 2015274626<br>2015274628<br>2015275826<br>2015291788                                                                                                      | <b><u>B01F 9 /-</u></b>                     | <b><u>B28B 23 /-</u></b>                   |
| 2014393402<br>2014393403<br>2014393404<br>2015244700                                                                                                                 | 2015246030<br>2015250574<br>2015258900<br>2015263635<br>2015265470<br>2015266117                                                                                                             | 2015255765<br>2015256997<br>2015258875<br>2015259083<br>2015263049<br>2015291788                                                                                                                                   |                                                                                                                                                           | 2015266270                                  | 2015245934                                 |
| <b><u>A61K 36 /-</u></b>                                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                                                                                                    | <b><u>A61P 37 /-</u></b>                                                                                                                                  | <b><u>B01J 19 /-</u></b>                    | <b><u>B28C 5 /-</u></b>                    |
| 2015256995                                                                                                                                                           | <b><u>A61L 2 /-</u></b>                                                                                                                                                                      | <b><u>A61P 21 /-</u></b>                                                                                                                                                                                           | 2015244700<br>2015256997<br>2015269598<br>2015274626                                                                                                      | 2014390004                                  | 2015247975                                 |
| <b><u>A61K 38 /-</u></b>                                                                                                                                             | 2015263953                                                                                                                                                                                   | 2015256997<br>2015286675                                                                                                                                                                                           |                                                                                                                                                           | <b><u>B01L 3 /-</u></b>                     | <b><u>B28C 7 /-</u></b>                    |
| 2015247542<br>2015255752<br>2015256075<br>2015256729<br>2015258875<br>2015258895<br>2015261968<br>2015264272<br>2015264449<br>2015266818                             | <b><u>A61L 9 /-</u></b><br><br>2015254945<br><br><b><u>A61M 1 /-</u></b><br>2015258124<br>2015259400<br>2015261427<br><br><b><u>A61M 25 /-</u></b><br>2015250121<br>2015277531<br>2015277532 | <b><u>A61P 25 /-</u></b><br><br>2014393487<br>2014393489<br>2014393490<br>2015248656<br>2015250574<br>2015250611<br>2015252640<br>2015256012<br>2015256997<br>2015257540<br>2015269598<br>2015274626<br>2015274628 | <b><u>A61P 43 /-</u></b><br><br>2015250574<br>2015254865<br>2015256012<br>2015256997                                                                      | <b><u>B02C 17 /-</u></b><br><br>2015255125  | <b><u>B28C 9 /-</u></b><br><br>2015247975  |
| <b><u>A61K 39 /-</u></b>                                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                                                                                                    | <b><u>A61P 7 /-</u></b>                                                                                                                                   | <b><u>B02C 2 /-</u></b>                     | <b><u>B29B 17 /-</u></b>                   |
| 2015244700<br>2015247742<br>2015247825<br>2015258875<br>2015259019<br>2015260758<br>2015260962<br>2015261422<br>2015263285<br>2015263286<br>2015274987<br>2015277460 | <b><u>A61M 39 /-</u></b><br><br>2014394386<br>2015250119<br>2015250120<br><br><b><u>A61M 5 /-</u></b><br><br>2015248899                                                                      | <b><u>A61P 27 /-</u></b><br><br>2015248656<br>2015253232<br>2015256997                                                                                                                                             | 2015256997                                                                                                                                                | 2015271093                                  | 2014413083                                 |
| <b><u>A61K 45 /-</u></b>                                                                                                                                             | <b><u>A61N 1 /-</u></b>                                                                                                                                                                      | <b><u>A61P 29 /-</u></b>                                                                                                                                                                                           | <b><u>A61P 9 /-</u></b><br><br>2015252640<br>2015255765<br>2015256997<br>2015259083<br>2015263049<br>2015263635<br>2015274626<br>2015274987<br>2015291788 | <b><u>B05B 11 /-</u></b><br><br>2015247632  | <b><u>B29C 31 /-</u></b><br><br>2015246383 |
| 2015245463<br>2015259019                                                                                                                                             | 2015248453<br>2015259305<br>2015266325                                                                                                                                                       | 2015245463<br>2015256997<br>2015258875<br>2015261812<br>2015269598                                                                                                                                                 |                                                                                                                                                           | <b><u>B05B 7 /-</u></b><br><br>2015247632   | <b><u>B29C 45 /-</u></b><br><br>2015246383 |
| <b><u>A61K 47 /-</u></b>                                                                                                                                             | <b><u>A61P 1 /-</u></b>                                                                                                                                                                      | <b><u>A61P 3 /-</u></b>                                                                                                                                                                                            | <b><u>A61Q 19 /-</u></b><br><br>2014392694<br>2014393628<br>2015258133<br>2015258134<br>2015259509                                                        | <b><u>B05B 9 /-</u></b><br><br>2015258718   | <b><u>B30B 9 /-</u></b><br><br>2016222499  |
| 2015250574<br>2015263635<br>2015267200<br>2015271100                                                                                                                 | 2015256997<br>2015259471<br>2015291788                                                                                                                                                       | 2015255765<br>2015256178<br>2015256997                                                                                                                                                                             |                                                                                                                                                           | <b><u>B07C 3 /-</u></b><br><br>2015252359   | <b><u>B32B 13 /-</u></b><br><br>2015250109 |
| <b><u>A61K 48 /-</u></b>                                                                                                                                             | <b><u>A61P 11 /-</u></b>                                                                                                                                                                     | <b><u>A61P 29 /-</u></b>                                                                                                                                                                                           | <b><u>A61Q 3 /-</u></b><br><br>2015255686                                                                                                                 | <b><u>B09B 3 /-</u></b><br><br>2015244493   | <b><u>B32B 27 /-</u></b><br><br>2015251650 |
| 2015277460                                                                                                                                                           | 2015256997<br>2015259083<br>2015261812<br>2015269598<br>2015291788                                                                                                                           | 2015245463<br>2015256997<br>2015258875<br>2015261812<br>2015269598                                                                                                                                                 | <b><u>A63B 65 /-</u></b><br><br>2014389288                                                                                                                | <b><u>B21D 22 /-</u></b><br><br>2015265443  | <b><u>B32B 29 /-</u></b><br><br>2015250109 |
| <b><u>A61K 49 /-</u></b>                                                                                                                                             |                                                                                                                                                                                              | <b><u>A61P 31 /-</u></b>                                                                                                                                                                                           | <b><u>A61Q 3 /-</u></b><br><br>2015255686                                                                                                                 | <b><u>B21D 51 /-</u></b><br><br>2015265443  | <b><u>B32B 3 /-</u></b><br><br>2015251650  |
| 2015267200<br>2015298303                                                                                                                                             | <b><u>A61P 13 /-</u></b>                                                                                                                                                                     | <b><u>A61P 35 /-</u></b>                                                                                                                                                                                           | <b><u>A63H 33 /-</u></b><br><br>2014389288                                                                                                                | <b><u>B23K 101 /-</u></b><br><br>2015260937 | <b><u>B32B 33 /-</u></b><br><br>2015251650 |
| <b><u>A61K 51 /-</u></b>                                                                                                                                             | 2015256997<br>2015274626                                                                                                                                                                     | 2015244700<br>2015248656<br>2015250574<br>2015253040<br>2015255738<br>2015256997<br>2015257456<br>2015258781<br>2015259019<br>2015259471<br>2015260962<br>2015261422<br>2015264272<br>2015274554                   | <b><u>B01D 21 /-</u></b><br><br>2015284175                                                                                                                | <b><u>B23K 20 /-</u></b><br><br>2015260937  | <b><u>B32B 7 /-</u></b><br><br>2015255619  |
| <b><u>A61K 8 /-</u></b>                                                                                                                                              | <b><u>A61P 15 /-</u></b>                                                                                                                                                                     |                                                                                                                                                                                                                    | <b><u>B01D 3 /-</u></b><br><br>2015244493                                                                                                                 | <b><u>B25B 9 /-</u></b><br><br>2015263802   | <b><u>B41M 5 /-</u></b><br><br>2015266246  |
| 2014392694<br>2014393628<br>2015255686<br>2015256995<br>2015258133<br>2015258134<br>2015259509                                                                       | 2015248656<br><br><b><u>A61P 17 /-</u></b><br>2015256997<br>2015269598                                                                                                                       |                                                                                                                                                                                                                    | <b><u>B01D 53 /-</u></b><br><br>2014390004                                                                                                                | <b><u>B25G 1 /-</u></b><br><br>2014393342   | <b><u>B60B 33 /-</u></b><br><br>2015250025 |
|                                                                                                                                                                      |                                                                                                                                                                                              |                                                                                                                                                                                                                    | <b><u>B01F 3 /-</u></b><br><br>2015247975<br>2015259397                                                                                                   | <b><u>B25J 1 /-</u></b><br><br>2015263802   | <b><u>B60B 35 /-</u></b><br><br>2015268112 |
|                                                                                                                                                                      |                                                                                                                                                                                              |                                                                                                                                                                                                                    | <b><u>B01F 5 /-</u></b><br><br>2015247975                                                                                                                 | <b><u>B26B 21 /-</u></b><br><br>2015264509  | <b><u>B60C 1 /-</u></b><br><br>2015254254  |
|                                                                                                                                                                      |                                                                                                                                                                                              |                                                                                                                                                                                                                    |                                                                                                                                                           | <b><u>B28B 19 /-</u></b><br><br>2015250109  | <b><u>B60C 11 /-</u></b><br><br>2015250907 |

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

|                          |                          |                           |                                                                    |                                                                                                              |                                                                                                                            |
|--------------------------|--------------------------|---------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b><u>B60C 9 /-</u></b>  | <b><u>B63B 22 /-</u></b> | <b><u>B67D 3 /-</u></b>   | <b><u>C07C 201 /-</u></b>                                          | <b><u>C07D 241 /-</u></b>                                                                                    | <b><u>C07D 491 /-</u></b>                                                                                                  |
| 2015250907               | 2014397552               | 2015264101<br>2015268827  | 2015266819                                                         | 2015248656<br>2015291788                                                                                     | 2015274626                                                                                                                 |
| <b><u>B60J 3 /-</u></b>  | <b><u>B63B 35 /-</u></b> |                           | <b><u>C07C 205 /-</u></b>                                          |                                                                                                              | <b><u>C07D 495 /-</u></b>                                                                                                  |
| 2015258913               | 2015270098               | <b><u>B67D 7 /-</u></b>   | 2015266819                                                         | <b><u>C07D 253 /-</u></b>                                                                                    | 2015270125<br>2015274626                                                                                                   |
| <b><u>B60K 20 /-</u></b> | <b><u>B63B 39 /-</u></b> | 2015258718                | <b><u>C07C 231 /-</u></b>                                          | 2015263901                                                                                                   |                                                                                                                            |
| 2015250248               | 2015271632               | <b><u>B68C 3 /-</u></b>   | 2015252640                                                         | <b><u>C07D 269 /-</u></b>                                                                                    | <b><u>C07D 498 /-</u></b>                                                                                                  |
| <b><u>B60P 1 /-</u></b>  | <b><u>B63B 43 /-</u></b> | 2015251503                | <b><u>C07C 233 /-</u></b>                                          | 2015248656                                                                                                   | 2015265696                                                                                                                 |
| 2015265668<br>2015265669 | 2015265721               | <b><u>C01B 6 /-</u></b>   | 2015252640                                                         | <b><u>C07D 271 /-</u></b>                                                                                    | <b><u>C07D 513 /-</u></b>                                                                                                  |
|                          | <b><u>B63C 11 /-</u></b> | 2015272643                | <b><u>C07C 235 /-</u></b>                                          | 2015248656                                                                                                   | 2015274626<br>2015274628                                                                                                   |
| <b><u>B60P 3 /-</u></b>  | 2014393630               | <b><u>C01F 11 /-</u></b>  | 2015252640                                                         | <b><u>C07D 307 /-</u></b>                                                                                    | <b><u>C07H 15 /-</u></b>                                                                                                   |
| 2015265668<br>2015265669 | <b><u>B63H 21 /-</u></b> | 2015266175                | <b><u>C07C 237 /-</u></b>                                          | 2015248656<br>2015252640                                                                                     | 2015256232                                                                                                                 |
| <b><u>B60R 22 /-</u></b> | 2015266243               | <b><u>C01G 3 /-</u></b>   | 2015252640                                                         | <b><u>C07D 309 /-</u></b>                                                                                    | <b><u>C07J 17 /-</u></b>                                                                                                   |
| 2015245948               | <b><u>B63H 23 /-</u></b> | 2015259058                | <b><u>C07C 269 /-</u></b>                                          | 2015248656                                                                                                   | 2015256232                                                                                                                 |
| <b><u>B60T 8 /-</u></b>  | 2015266243               | <b><u>C02F 1 /-</u></b>   | 2015252640                                                         | <b><u>C07D 317 /-</u></b>                                                                                    | <b><u>C07K 14 /-</u></b>                                                                                                   |
| 2015250247               | <b><u>B64F 1 /-</u></b>  | 2015284175                | <b><u>C07C 271 /-</u></b>                                          | 2015291788                                                                                                   | 2015247542<br>2015249225<br>2015255979<br>2015256729<br>2015258962<br>2015261968<br>2015266818<br>2015270394               |
| <b><u>B60W 50 /-</u></b> | 2015245327               | <b><u>C02F 11 /-</u></b>  | 2015252640                                                         | <b><u>C07D 401 /-</u></b>                                                                                    |                                                                                                                            |
| 2015243670               | <b><u>B65B 29 /-</u></b> | 2015245265<br>2015284175  | <b><u>C07C 273 /-</u></b>                                          | 2015269598<br>2015275826                                                                                     |                                                                                                                            |
| <b><u>B61D 3 /-</u></b>  | 2015257447               | <b><u>C02F 3 /-</u></b>   | 2015252640                                                         | <b><u>C07D 403 /-</u></b>                                                                                    |                                                                                                                            |
| 2015265668<br>2015265669 | <b><u>B65D 1 /-</u></b>  | 2015284175                | <b><u>C07C 275 /-</u></b>                                          |                                                                                                              |                                                                                                                            |
|                          | 2015265443               | <b><u>C04B 111 /-</u></b> | 2015252640                                                         | 2015263049<br>2015274626<br>2015274628                                                                       | <b><u>C07K 16 /-</u></b>                                                                                                   |
| <b><u>B61F 5 /-</u></b>  | <b><u>B65D 21 /-</u></b> | 2015250109                | <b><u>C07C 333 /-</u></b>                                          |                                                                                                              | 2015247825<br>2015248785<br>2015255979<br>2015259019<br>2015260758<br>2015260962<br>2015261422<br>2015263285<br>2015274987 |
| 2015258765               | 2015261010               | <b><u>C04B 24 /-</u></b>  | 2015252640                                                         | <b><u>C07D 405 /-</u></b>                                                                                    |                                                                                                                            |
| <b><u>B61L 23 /-</u></b> | <b><u>B65D 23 /-</u></b> | 2015250109                | <b><u>C07C 45 /-</u></b>                                           | 2015257540<br>2015275826                                                                                     |                                                                                                                            |
| 2015288023               | 2015251650               | <b><u>C04B 28 /-</u></b>  | 2015243186                                                         | <b><u>C07D 413 /-</u></b>                                                                                    |                                                                                                                            |
| <b><u>B61L 27 /-</u></b> | <b><u>B65D 25 /-</u></b> | 2015250109<br>2015270337  | <b><u>C07D 209 /-</u></b>                                          | 2015259083<br>2015274628                                                                                     |                                                                                                                            |
| 2015288023               | 2015258718               | <b><u>C04B 38 /-</u></b>  | <b><u>C07D 215 /-</u></b>                                          | <b><u>C07D 471 /-</u></b>                                                                                    | <b><u>C07K 19 /-</u></b>                                                                                                   |
| <b><u>B62B 3 /-</u></b>  | <b><u>B65D 39 /-</u></b> | 2015270337                | 2015269598                                                         |                                                                                                              | 2015258875<br>2015261968                                                                                                   |
| 2015239051               | 2015257275               | <b><u>C05F 9 /-</u></b>   | <b><u>C07D 221 /-</u></b>                                          | 2015240521<br>2015240526<br>2015257456<br>2015270125<br>2015274628                                           | <b><u>C07K 4 /-</u></b>                                                                                                    |
| <b><u>B62D 7 /-</u></b>  | <b><u>B65D 5 /-</u></b>  | 2015256152                | 2015255662                                                         |                                                                                                              | 2015256729                                                                                                                 |
| 2015268112               | 2015259092               | <b><u>C06B 27 /-</u></b>  | <b><u>C07D 231 /-</u></b>                                          | <b><u>C07D 487 /-</u></b>                                                                                    | <b><u>C07K 7 /-</u></b>                                                                                                    |
| <b><u>B62K 25 /-</u></b> | <b><u>B65D 85 /-</u></b> | 2015255003                | 2015255765<br>2015256208                                           | 2014393488<br>2015255738<br>2015256283<br>2015261812<br>2015263049<br>2015265696<br>2015274626<br>2015274628 | 2015256729                                                                                                                 |
| 2015295832               | 2015257447               | <b><u>C06B 45 /-</u></b>  | <b><u>C07D 235 /-</u></b>                                          |                                                                                                              | <b><u>C08B 3 /-</u></b>                                                                                                    |
| <b><u>B62M 6 /-</u></b>  | <b><u>B65G 43 /-</u></b> | 2015255003                | 2015256208                                                         |                                                                                                              | 2015276889                                                                                                                 |
| 2015295832               | 2015329685               | <b><u>C07B 57 /-</u></b>  | <b><u>C07D 239 /-</u></b>                                          |                                                                                                              | <b><u>C08F 220 /-</u></b>                                                                                                  |
| <b><u>B63B 1 /-</u></b>  | <b><u>B65G 47 /-</u></b> | 2014393488                | 2015253040<br>2015257540<br>2015258781<br>2015274554<br>2015274628 | <b><u>C07D 489 /-</u></b>                                                                                    | 2014391028                                                                                                                 |
| 2015271632               | 2015247776               | <b><u>C07C 1 /-</u></b>   |                                                                    |                                                                                                              | <b><u>C08F 230 /-</u></b>                                                                                                  |
| <b><u>B63B 21 /-</u></b> | <b><u>B67B 7 /-</u></b>  | 2015265920                |                                                                    | 2015256416<br>2015256507                                                                                     | 2014391028                                                                                                                 |
| 2014397202<br>2014397552 | 2015257275               |                           |                                                                    |                                                                                                              |                                                                                                                            |

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

|                                                      |                                                                                                                                                        |                                                                    |                          |                                        |                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------------------------------------------|
| <b>C08K 3 /-</b>                                     | <b>C10L 9 /-</b>                                                                                                                                       | <b>C12P 5 /-</b>                                                   | <b>E01C 19 /-</b>        | <b>E04D 13 /-</b>                      | 2015288256<br>2015288257                                           |
| 2015254254<br>2015266175                             | 2015256247                                                                                                                                             | 2015244729                                                         | 2015246655               | 2014391856<br>2015252753               | <b>E21B 34 /-</b>                                                  |
| <b>C08K 5 /-</b>                                     | <b>C11D 1 /-</b>                                                                                                                                       | <b>C12P 7 /-</b>                                                   | <b>E01C 23 /-</b>        | <b>E04F 15 /-</b>                      | 2014399897<br>2014404427<br>2015288256                             |
| 2014391006<br>2015239037<br>2015254254               | 2014395161                                                                                                                                             | 2015243186<br>2015270432                                           | 2015246655               | 2014391856                             | <b>E21B 37 /-</b>                                                  |
| <b>C08K 9 /-</b>                                     | <b>C11D 11 /-</b>                                                                                                                                      | <b>C12Q 1 /-</b>                                                   | <b>E01C 5 /-</b>         | <b>E04G 11 /-</b>                      | 2014399903<br>2014400599                                           |
| 2015266175                                           | 2014395161                                                                                                                                             | 2015252223<br>2015252707<br>2015254267<br>2015258711<br>2015263901 | 2015274938<br>2015277578 | 2015245934                             | <b>E21B 43 /-</b>                                                  |
| <b>C08L 15 /-</b>                                    | <b>C12M 1 /-</b>                                                                                                                                       | <b>C22C 21 /-</b>                                                  | <b>E01C 9 /-</b>         | <b>E04G 15 /-</b>                      | 2014399900<br>2015250158<br>2015259393<br>2015259397<br>2015284032 |
| 2015254254                                           | 2015256152<br>2015258711<br>2015288757                                                                                                                 | <b>C23C 2 /-</b>                                                   | 2015274938<br>2015277578 | 2015245934                             | <b>E21B 44 /-</b>                                                  |
| <b>C08L 23 /-</b>                                    | <b>C12N 1 /-</b>                                                                                                                                       | 2014395265                                                         | <b>E02D 27 /-</b>        | <b>E04H 15 /-</b>                      | 2014396836<br>2014396852                                           |
| 2015273253                                           | 2015244729<br>2015259373<br>2015324564                                                                                                                 | <b>C40B 20 /-</b>                                                  | 2015245934               | <b>E05B 17 /-</b>                      | <b>E21B 47 /-</b>                                                  |
| <b>C08L 7 /-</b>                                     | <b>C12N 13 /-</b>                                                                                                                                      | 2014395265                                                         | <b>E02D 31 /-</b>        | 2015245948                             | 2014392615<br>2015244221                                           |
| 2015254254                                           | 2015252707                                                                                                                                             | <b>C40B 30 /-</b>                                                  | 2014391856               | <b>E05B 39 /-</b>                      | <b>E21B 7 /-</b>                                                   |
| <b>C09C 1 /-</b>                                     | <b>C12N 15 /-</b>                                                                                                                                      | 2015252707                                                         | <b>E02D 5 /-</b>         | 2015245948                             | 2015257479                                                         |
| 2015263113<br>2015265924<br>2015266175               | 2015244729<br>2015252707<br>2015255366<br>2015258711<br>2015258895<br>2015261519<br>2015262984<br>2015264449<br>2015275794<br>2015277433<br>2015324564 | <b>D01F 6 /-</b>                                                   | 2015245934               | <b>E05B 41 /-</b>                      | <b>E21C 27 /-</b>                                                  |
| <b>C09C 3 /-</b>                                     | <b>C12N 5 /-</b>                                                                                                                                       | <b>D03D 15 /-</b>                                                  | <b>E02F 3 /-</b>         | 2015245948                             | 2015283158                                                         |
| 2015266175<br>2016252010                             | 2015244729<br>2015255646<br>2015264120                                                                                                                 | 2015247107                                                         | 2015246655<br>2015279978 | <b>E05B 45 /-</b>                      | <b>E21D 11 /-</b>                                                  |
| <b>C09D 133 /-</b>                                   | <b>C12N 9 /-</b>                                                                                                                                       | <b>D04H 1 /-</b>                                                   | <b>E02F 7 /-</b>         | 2015245948                             | 2015283158                                                         |
| 2014391028<br>2016252010                             | 2015244729<br>2015255646<br>2015264120                                                                                                                 | 2015247107                                                         | 2015257738               | <b>E05B 47 /-</b>                      | <b>E21F 17 /-</b>                                                  |
| <b>C09D 17 /-</b>                                    | <b>C12N 11 /-</b>                                                                                                                                      | 2015260605                                                         | <b>E02F 9 /-</b>         | 2015245948                             | 2015258535                                                         |
| 2016252010                                           | 2015244729<br>2015255366<br>2015256232<br>2015261519<br>2015269381<br>2015324564                                                                       | <b>D06M 13 /-</b>                                                  | 2015279978               | <b>E05B 49 /-</b>                      | <b>E21F 5 /-</b>                                                   |
| <b>C09D 5 /-</b>                                     | <b>C12N 13 /-</b>                                                                                                                                      | 2015273252                                                         | <b>E03C 1 /-</b>         | 2015245948                             | 2015258535                                                         |
| 2015247667<br>2016252010                             | 2015244729<br>2015255366<br>2015256232<br>2015261519<br>2015269381<br>2015324564                                                                       | <b>D06M 15 /-</b>                                                  | 2015270716               | <b>E05B 51 /-</b>                      | <b>F01M 11 /-</b>                                                  |
| <b>C09J 11 /-</b>                                    | <b>C12P 13 /-</b>                                                                                                                                      | 2015273252                                                         | <b>E03D 1 /-</b>         | 2015245948                             | 2015261796<br>2015261805                                           |
| 2015239037                                           | 2015244729<br>2015255366<br>2015256232<br>2015261519<br>2015269381<br>2015324564                                                                       | <b>D06P 1 /-</b>                                                   | 2015281776               | <b>E05B 53 /-</b>                      | <b>F02B 59 /-</b>                                                  |
| <b>C09J 167 /-</b>                                   | <b>C12P 17 /-</b>                                                                                                                                      | 2015247107                                                         | <b>E03D 11 /-</b>        | 2015245948                             | 2015246708                                                         |
| 2015239037                                           | 2015244729<br>2015255366<br>2015256232<br>2015261519<br>2015269381<br>2015324564                                                                       | <b>D06P 3 /-</b>                                                   | 2015281776               | <b>E21B 17 /-</b>                      | <b>F02M 25 /-</b>                                                  |
| <b>C09K 17 /-</b>                                    | <b>C12P 19 /-</b>                                                                                                                                      | 2015247107                                                         | <b>E04B 1 /-</b>         | 2014400807                             | 2015249640                                                         |
| 2015256152                                           | 2015252707<br>2015288757                                                                                                                               | <b>D21H 19 /-</b>                                                  | 2015245934               | <b>E21B 19 /-</b>                      | <b>F02M 27 /-</b>                                                  |
| <b>C09K 8 /-</b>                                     | <b>C12P 17 /-</b>                                                                                                                                      | 2015266246                                                         | <b>E04B 2 /-</b>         | 2014400807                             |                                                                    |
| 2014399900<br>2014400599<br>2014407583<br>2015284032 | 2015252707                                                                                                                                             | <b>E01B 11 /-</b>                                                  | 2015245934               | <b>E21B 21 /-</b>                      |                                                                    |
| <b>C10L 5 /-</b>                                     | <b>C12P 23 /-</b>                                                                                                                                      | <b>E01B 29 /-</b>                                                  | <b>E04C 2 /-</b>         | 2014399897<br>2015244493               |                                                                    |
| 2015256247                                           | 2015243186<br>2015252707                                                                                                                               | 2015245444                                                         | 2015245934               | <b>E21B 23 /-</b>                      |                                                                    |
|                                                      | 2015269381                                                                                                                                             | 2015245440<br>2015245444                                           | <b>E04C 5 /-</b>         | 2015244221<br>2015288257               |                                                                    |
|                                                      | 2015258807                                                                                                                                             |                                                                    |                          | <b>E21B 33 /-</b>                      |                                                                    |
|                                                      |                                                                                                                                                        |                                                                    |                          | 2014399903<br>2014400642<br>2014404427 |                                                                    |



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

|                                        |                           |                          |                                                                                                                                                                                    |                                                                    |                                                                                                                            |
|----------------------------------------|---------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b><u>F03B 17 /-</u></b>               | <b><u>F16L 23 /-</u></b>  | <b><u>F25D 17 /-</u></b> | <b><u>G01N 15 /-</u></b>                                                                                                                                                           | <b><u>G02B 26 /-</u></b>                                           | <b><u>G06G 7 /-</u></b>                                                                                                    |
| 2015243283                             | 2015244494                | 2015268480               | 2015259252                                                                                                                                                                         | 2015257532<br>2015278737                                           | 2014396852<br>2015258807                                                                                                   |
| <b><u>F04B 13 /-</u></b>               | <b><u>F16L 47 /-</u></b>  | <b><u>F25D 23 /-</u></b> | <b><u>G01N 21 /-</u></b>                                                                                                                                                           | <b><u>G02B 5 /-</u></b>                                            | <b><u>G06K 9 /-</u></b>                                                                                                    |
| 2015257365                             | 2015244494                | 2015275505               | 2015252992                                                                                                                                                                         | 2015255619                                                         | 2015255652<br>2015256153<br>2015297035<br>2015297036                                                                       |
| <b><u>F04B 17 /-</u></b>               | <b><u>F16L 57 /-</u></b>  | <b><u>F26B 11 /-</u></b> | <b><u>G01N 24 /-</u></b>                                                                                                                                                           | <b><u>G02B 7 /-</u></b>                                            |                                                                                                                            |
| 2015250633<br>2015250634<br>2015250635 | 2015257738                | 2015244493               | 2016222499                                                                                                                                                                         | 2015270203                                                         |                                                                                                                            |
| <b><u>F04B 23 /-</u></b>               | <b><u>F16M 7 /-</u></b>   | <b><u>F26B 3 /-</u></b>  | <b><u>G01N 25 /-</u></b>                                                                                                                                                           | <b><u>G02C 7 /-</u></b>                                            | <b><u>G06Q 10 /-</u></b>                                                                                                   |
| 2015268958                             | 2015268958                | 2015244493               | 2014391550                                                                                                                                                                         | 2015286727                                                         | 2015247845<br>2015256146<br>2015256210                                                                                     |
| 2015258718                             | <b><u>F16N 19 /-</u></b>  | <b><u>F28D 3 /-</u></b>  | <b><u>G01N 27 /-</u></b>                                                                                                                                                           | <b><u>G02F 1 /-</u></b>                                            |                                                                                                                            |
| <b><u>F04B 49 /-</u></b>               | 2015261805                | 2015260743               | 2015273605                                                                                                                                                                         | 2015255913                                                         | <b><u>G06Q 30 /-</u></b>                                                                                                   |
| 2015250633<br>2015250634<br>2015250635 | <b><u>F16S 1 /-</u></b>   | <b><u>F28D 5 /-</u></b>  | <b><u>G01N 30 /-</u></b>                                                                                                                                                           | <b><u>G05B 19 /-</u></b>                                           | 2015244501<br>2015247464<br>2015255993<br>2015260633<br>2015263828<br>2015294244                                           |
| <b><u>F04B 53 /-</u></b>               | <b><u>F21L 4 /-</u></b>   | <b><u>F28F 19 /-</u></b> | <b><u>G01N 33 /-</u></b>                                                                                                                                                           | 2014396836<br>2014396852<br>2015294448                             |                                                                                                                            |
| 2015250633<br>2015250634<br>2015250635 | 2014391020                | 2015260743               | 2014392651<br>2015240454<br>2015243289<br>2015243926<br>2015252992<br>2015255636<br>2015257589<br>2015258711<br>2015259053<br>2015259252<br>2015261399<br>2015261919<br>2015274987 | <b><u>G05D 7 /-</u></b>                                            | <b><u>G06Q 40 /-</u></b>                                                                                                   |
| <b><u>F04D 25 /-</u></b>               | 2014298191                | 2015260743               |                                                                                                                                                                                    | 2015270716                                                         | 2015255956                                                                                                                 |
| 2015256412                             | <b><u>F21S 8 /-</u></b>   | <b><u>F42B 6 /-</u></b>  |                                                                                                                                                                                    | <b><u>G06F 1 /-</u></b>                                            | <b><u>G06Q 50 /-</u></b>                                                                                                   |
| <b><u>F04D 29 /-</u></b>               | 2015259411                | 2014389288               |                                                                                                                                                                                    | 2014395149                                                         | 2014389497<br>2014391255<br>2015247464<br>2015249698<br>2015256210<br>2015258807<br>2015259748<br>2015259802<br>2015260633 |
| 2015256412                             | <b><u>F21V 21 /-</u></b>  | <b><u>F42D 1 /-</u></b>  |                                                                                                                                                                                    | <b><u>G06F 15 /-</u></b>                                           |                                                                                                                            |
| <b><u>F04F 5 /-</u></b>                | 2014298191                | 2015245388               |                                                                                                                                                                                    | 2015255993                                                         |                                                                                                                            |
| 2015257365                             | <b><u>F21V 5 /-</u></b>   | <b><u>G01B 3 /-</u></b>  | <b><u>G01R 31 /-</u></b>                                                                                                                                                           | <b><u>G06F 17 /-</u></b>                                           |                                                                                                                            |
| <b><u>F15B 15 /-</u></b>               | 2014391020                | 2015240694               | 2014393708<br>2015261455<br>2015268091<br>2015282648                                                                                                                               | 2014389497<br>2015255712<br>2015255993<br>2015258807<br>2015294244 |                                                                                                                            |
| 2015259249                             | <b><u>F21V 7 /-</u></b>   | <b><u>G01F 1 /-</u></b>  |                                                                                                                                                                                    | <b><u>G06F 19 /-</u></b>                                           |                                                                                                                            |
| <b><u>F15D 1 /-</u></b>                | 2014391020                | 2015259252<br>2015268827 | <b><u>G01R 33 /-</u></b>                                                                                                                                                           |                                                                    | 2015255712<br>2015283079                                                                                                   |
| 2015270716                             | <b><u>F21W 111 /-</u></b> | <b><u>G01F 23 /-</u></b> | 2016222499                                                                                                                                                                         | 2015255987                                                         | <b><u>G07F 11 /-</u></b>                                                                                                   |
| <b><u>F16B 31 /-</u></b>               | 2015245327                | 2015268827               | <b><u>G01S 3 /-</u></b>                                                                                                                                                            | <b><u>G06F 21 /-</u></b>                                           | 2015247924                                                                                                                 |
| 2015259618                             | <b><u>F23Q 2 /-</u></b>   | <b><u>G01F 9 /-</u></b>  | 2015257462                                                                                                                                                                         | 2015255652<br>2015268106<br>2015297036                             | <b><u>G08B 17 /-</u></b>                                                                                                   |
| <b><u>F16F 9 /-</u></b>                | 2015273469                | 2015268827               | <b><u>G01V 3 /-</u></b>                                                                                                                                                            |                                                                    | 2015258535                                                                                                                 |
| 2015255801                             | <b><u>F24D 19 /-</u></b>  | <b><u>G01G 17 /-</u></b> | 2014392615<br>2015249888<br>2015260938                                                                                                                                             | <b><u>G06F 3 /-</u></b>                                            | <b><u>G08B 21 /-</u></b>                                                                                                   |
| <b><u>F16H 25 /-</u></b>               | 2015291779                | 2015268827               |                                                                                                                                                                                    | 2015255730<br>2015260633<br>2015270559<br>2015297035               | 2015245948                                                                                                                 |
| 2015246708                             | <b><u>F24F 11 /-</u></b>  | <b><u>G01L 19 /-</u></b> | <b><u>G02B 15 /-</u></b>                                                                                                                                                           |                                                                    | <b><u>G08B 26 /-</u></b>                                                                                                   |
| <b><u>F16H 59 /-</u></b>               | 2014389497                | 2015257365<br>2015284614 | 2015257532                                                                                                                                                                         |                                                                    | 2015245948                                                                                                                 |
| 2015250248                             | <b><u>F24H 1 /-</u></b>   | <b><u>G01L 7 /-</u></b>  | <b><u>G02B 17 /-</u></b>                                                                                                                                                           | <b><u>G06F 7 /-</u></b>                                            | <b><u>G08B 29 /-</u></b>                                                                                                   |
| <b><u>F16H 7 /-</u></b>                | 2015291779                | 2015284614               | 2015257532                                                                                                                                                                         | 2015258807                                                         | 2015245948                                                                                                                 |
| 2015268958                             | <b><u>F24H 9 /-</u></b>   | <b><u>G01N 1 /-</u></b>  | <b><u>G02B 21 /-</u></b>                                                                                                                                                           | <b><u>G06F 9 /-</u></b>                                            | <b><u>G09F 21 /-</u></b>                                                                                                   |
| <b><u>F16L 11 /-</u></b>               | 2015291779                | 2015258711               | 2015256153                                                                                                                                                                         | 2014396852<br>2015256010                                           | 2015259802                                                                                                                 |
| 2015257738<br>2015270058               | <b><u>F24J 2 /-</u></b>   |                          |                                                                                                                                                                                    |                                                                    | <b><u>G09F 3 /-</u></b>                                                                                                    |
|                                        | 2014390715                |                          |                                                                                                                                                                                    |                                                                    | 2015255619                                                                                                                 |

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

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <b><u>G10L 13 /-</u></b> | <b><u>H02H 5 /-</u></b>  | <b><u>H04N 7 /-</u></b>  |
| 2014395554               | 2015268091               | 2015255621               |
| <b><u>G10L 19 /-</u></b> | <b><u>H02H 7 /-</u></b>  | <b><u>H04W 36 /-</u></b> |
| 2014392320               | 2015268091               | 2015243819               |
| <b><u>G21G 1 /-</u></b>  | <b><u>H02J 3 /-</u></b>  | <b><u>H04W 48 /-</u></b> |
| 2015258895               | 2014292911               | 2015243819               |
| <b><u>H01G 4 /-</u></b>  | 2015261885               | <b><u>H04W 84 /-</u></b> |
| 2015259291               | <b><u>H02J 7 /-</u></b>  | 2015243819               |
| <b><u>H01H 33 /-</u></b> | 2014292911               | <b><u>H04W 88 /-</u></b> |
| 2015261455               | 2015243419               | 2014394452               |
| <b><u>H01H 85 /-</u></b> | 2015264428               | <b><u>H04W 92 /-</u></b> |
| 2015255078               | <b><u>H02K 33 /-</u></b> | 2014394452               |
| <b><u>H01H 9 /-</u></b>  | 2015270203               | 2015243819               |
| 2015282648               | <b><u>H02K 35 /-</u></b> | <b><u>H05K 7 /-</u></b>  |
| <b><u>H01L 27 /-</u></b> | 2015243283               | 2015252871               |
| 2015255621               | <b><u>H02K 41 /-</u></b> |                          |
| <b><u>H01L 29 /-</u></b> | 2015270203               |                          |
| 2015259345               | <b><u>H02K 53 /-</u></b> |                          |
| <b><u>H01L 31 /-</u></b> | 2015243283               |                          |
| 2015252753               | <b><u>H02K 7 /-</u></b>  |                          |
| 2015267239               | 2015243283               |                          |
| 2015267265               | <b><u>H02M 7 /-</u></b>  |                          |
| 2015267299               | 2014395431               |                          |
| <b><u>H01L 49 /-</u></b> | <b><u>H03K 17 /-</u></b> |                          |
| 2015259345               | 2014395508               |                          |
| <b><u>H01M 8 /-</u></b>  | 2015261399               |                          |
| 2015259213               | 2015294471               |                          |
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| (51) Int. Cl.                                    |                 |  |  |
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| (74) IP Sentinels Patent and Trademark Attorneys |                 |  |  |

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| (51) Int. Cl.                                 |                 |         |  |
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| (54) Apparatus for cutting electronic monitoring bracelet straps |                 |         |  |
| (51) Int. Cl.                                                    |                 |         |  |
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| (54) Compression device               |                 |         |  |
| (51) Int. Cl.                         |                 |         |  |
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| (54) Removal of chlorine and/or chloramine from aqueous solutions                |                 |         |  |
| (51) Int. Cl.                                                                    |                 |         |  |
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| (54) Layered or mixed sorbent bed protective filtration device                                                                                |                 |         |  |
| (51) Int. Cl.                                                                                                                                 |                 |         |  |
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| (54) Fluid level detection system |                 |  |  |
| (51) Int. Cl.                     |                 |  |  |
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| (54) Accommodating intraocular lenses |                 |  |  |
| (51) Int. Cl.                         |                 |  |  |
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| (72) Bumbalough, Timothy R.           |                 |  |  |
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| (21) 2013337038                                                                           | (22) 08.10.2013 |         |  |
| (54) A method for the diagnostics of electromechanical system based on impedance analysis |                 |         |  |
| (51) Int. Cl.                                                                             |                 |         |  |
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| (51) Int. Cl.                                                 |                 |         |  |
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| (54) TEST PATHS GENERATION FOR A PHYSICAL SYSTEM |                 |  |  |
| (51) Int. Cl.                                    |                 |  |  |
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door opening mechanism  
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C07C 57/62 ( 2006.01 )  
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(51) Int. Cl.  
A61M 1/02 ( 2006.01 )  
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(31) 2013-055138 (32) 18.03.13 (33) JP  
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A61K 31/423 ( 2006.01 )  
A61K 31/433 ( 2006.01 )  
A61K 45/06 ( 2006.01 )  
A61P 9/12 ( 2006.01 )  
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| 2012319100 | Frishman, A.                                                                                               | 2013241857 | Welltec A/S                                                                                                       |
| 2012319188 | The Trustees of Columbia University in the City of New York; Sloan-Kettering Institute for Cancer Research | 2013242830 | Canon Kabushiki Kaisha                                                                                            |
| 2012324544 | Galderma S.A.                                                                                              | 2013243602 | REG Life Sciences, LLC                                                                                            |
| 2012324774 | Manuli Rubber Industries S.p.A.                                                                            | 2013243777 | Becton, Dickinson and Company                                                                                     |
| 2012326553 | Facebook, Inc.                                                                                             | 2013245524 | Conair Corporation                                                                                                |
| 2012327503 | Mertik Maxitrol GmbH & Co. KG                                                                              | 2013248231 | Deere & Company                                                                                                   |
| 2012329502 | Oncotherapy Science, Inc.                                                                                  | 2013248947 | Pitteurs, B.                                                                                                      |
| 2012331147 | Sanofi-Aventis Deutschland GmbH                                                                            | 2013254214 | Sun Patent Trust                                                                                                  |
| 2012332211 | Salix Pharmaceuticals, Ltd.                                                                                | 2013256754 | Baker Hughes Incorporated                                                                                         |
| 2012337399 | Atlas Copco Rock Drills AB                                                                                 | 2013257758 | Tercel IP Limited                                                                                                 |
| 2012340390 | Sarepta Therapeutics, Inc.                                                                                 | 2013261023 | Janssen Pharmaceuticals, Inc.; Cellzome Limited                                                                   |
| 2012342456 | Novozymes A/S                                                                                              | 2013261389 | Unicharm Corporation                                                                                              |
| 2012342570 | Philip Morris Products S.A.                                                                                | 2013265259 | Sika Technology AG                                                                                                |
| 2012342614 | GDF SUEZ                                                                                                   | 2013265687 | ThyssenKrupp Industrial Solutions AG                                                                              |
| 2012342618 | Bamed AG                                                                                                   | 2013268597 | Yoshino Kogyosho Co., Ltd.                                                                                        |
| 2012344293 | Aridis Pharmaceuticals, Inc.                                                                               | 2013270473 | Mac Valves, Inc.                                                                                                  |
| 2012344719 | Allegion (Australia) Pty Ltd                                                                               | 2013272211 | Los Alamos National Security, LLC                                                                                 |
| 2012344839 | Ono Pharmaceutical Co., Ltd.                                                                               | 2013275309 | Toray Industries, Inc.                                                                                            |
| 2012347604 | Zimmer GmbH                                                                                                | 2013279617 | Haldor Topsoe A/S                                                                                                 |
| 2012348706 | Nuovo Pignone S.p.A                                                                                        | 2013280906 | Rosemount Inc.                                                                                                    |
| 2012355402 | Caterpillar Inc.                                                                                           | 2013282930 | Humanitarian Scientific LLC                                                                                       |
| 2012355404 | Caterpillar Inc.                                                                                           | 2013283076 | Les Robinets Presto                                                                                               |
| 2012357896 | Bayer Intellectual Property GmbH; Bayer CropScience AG                                                     | 2013285077 | Teletower.com Limited                                                                                             |
| 2012359085 | Norsk institutt for luftforskning                                                                          | 2013285183 | Highview Enterprises Limited                                                                                      |
| 2012359258 | Alcon LenSx, Inc.                                                                                          | 2013290197 | Biomet Manufacturing, LLC                                                                                         |
| 2012360832 | Philip Morris Products S.A.                                                                                | 2013292149 | Zedira GmbH                                                                                                       |
| 2012360976 | Arcelik Anonim Sirketi                                                                                     | 2013292513 | NUtech Ventures                                                                                                   |
| 2012361088 | De' Longhi Appliances S.r.l.                                                                               | 2013296164 | The Board of Trustees of the Leland Stanford Junior University                                                    |
| 2012363096 | ConocoPhillips Company                                                                                     | 2013296879 | Google Technology Holdings LLC                                                                                    |
| 2012363867 | Rubbercraft Corporation of California Ltd.                                                                 | 2013297221 | Samsung Electronics Co., Ltd.                                                                                     |
| 2012364360 | Philip Morris Products S.A.                                                                                | 2013298173 | Sasol Technology (Proprietary) Limited                                                                            |
| 2012364909 | Hemosonics, LLC                                                                                            | 2013298331 | Big Foot Systems Limited                                                                                          |
| 2012371227 | Telefonaktiebolaget L M Ericsson (publ)                                                                    | 2013299832 | President and Fellows of Harvard College; Children's Medical Center Corporation; The General Hospital Corporation |
| 2012378148 | ExxonMobil Research and Engineering Company                                                                | 2013299841 | Novartis AG                                                                                                       |
| 2012388598 | Kimree Hi-Tech Inc.                                                                                        | 2013301121 | Amorphical Ltd.                                                                                                   |
| 2012392755 | Kim Thi Pham, L.                                                                                           | 2013302680 | CHD Bioscience, Inc.                                                                                              |
| 2013200342 | Aruze Gaming America, Inc.; Universal Entertainment Corporation                                            | 2013303653 | Sumitomo Metal Mining Co., Ltd.                                                                                   |
| 2013201169 | JOHNSON & JOHNSON VISION CARE, INC.                                                                        | 2013304198 | Vorwerk & Co. Interholding GmbH                                                                                   |
| 2013201301 | General Electric Company                                                                                   | 2013305023 | Wirtgen GmbH                                                                                                      |
| 2013201974 | General Electric Company                                                                                   | 2013305684 | XenoPort, Inc.                                                                                                    |
| 2013201978 | Vetco Gray Inc.                                                                                            | 2013308908 | Saudi Arabian Oil Company                                                                                         |
| 2013202144 | Infineum International Limited                                                                             | 2013311963 | Electrolux Home Products Corporation N. V.                                                                        |
| 2013202573 | HOFFMEISTER LEUCHTEN GMBH                                                                                  | 2013315266 | Technip France                                                                                                    |
| 2013204880 | GENENTECH, INC.                                                                                            | 2013315747 | Amplero, Inc                                                                                                      |
| 2013205215 | 1Space Pty Ltd                                                                                             | 2013320746 | Samsung Electronics Co., Ltd.                                                                                     |
| 2013205931 | TRANSCOM INDUSTRIES PTY LTD                                                                                | 2013321539 | Unicharm Corporation                                                                                              |
| 2013206544 | Nexans                                                                                                     | 2013324828 | ZTE Corporation                                                                                                   |
| 2013206951 | Quark Pharmaceuticals, Inc.                                                                                | 2013326198 | Universita' degli Studi di Foggia                                                                                 |
| 2013208306 | Oil States Industries, Inc.                                                                                | 2013327877 | Cosmo Oil Co., Ltd.                                                                                               |
| 2013208439 | Toray Industries, Inc.                                                                                     | 2013329652 | Terex MHPS GmbH                                                                                                   |
| 2013209060 | Philip Morris Products S.A.                                                                                | 2013330386 | The Boeing Company                                                                                                |
| 2013209323 | General Electric Company                                                                                   | 2013331003 | Micell Technologies, Inc.                                                                                         |
| 2013209723 | Zafgen, Inc.                                                                                               | 2013333532 | Pfizer Inc.                                                                                                       |
| 2013210045 | Hubbell Incorporated                                                                                       | 2013334718 | Facebook, Inc.                                                                                                    |
| 2013211669 | Syngenta Limited                                                                                           | 2013336503 | Stora Enso Oyj                                                                                                    |
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| 2013224674 | CortEnergy B.V.                                                                                            | 2013337267 | Bullfrog International, L.C.                                                                                      |
| 2013224729 | GE Oil & Gas UK Limited                                                                                    | 2013341125 | Fuji Xerox Co., Ltd.                                                                                              |
| 2013225016 | Nestec S.A.                                                                                                | 2013341598 | USG Interiors, LLC                                                                                                |
| 2013226628 | Hunter Douglas Industries B.V.                                                                             | 2013342015 | Ignyta, Inc.                                                                                                      |
| 2013229186 | The Chinese University of Hong Kong                                                                        | 2013342215 | Bausch & Lomb Incorporated                                                                                        |
| 2013229379 | Essilor International (Compagnie Generale D'Optique)                                                       | 2013343278 | Mondelez UK R&D Limited                                                                                           |
| 2013230494 | KCI Licensing, Inc.                                                                                        | 2013348986 | Unicharm Corporation                                                                                              |
| 2013231166 | General Electric Company                                                                                   | 2013350310 | Scalzo Automotive Research Pty. Ltd.                                                                              |
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| 2013361275 | The Johns Hopkins University; Amplimmune, Inc.                                    | 2014275068 | Boston Scientific Scimed, Inc.                                |
| 2013362290 | HipCaPH ApS                                                                       | 2014275882 | Sony Corporation; Sony Computer Entertainment Inc.            |
| 2013362622 | Main Power Electrical Factory Ltd                                                 | 2014276417 | GlaxoSmithKline Intellectual Property (No.2) Limited          |
| 2013363024 | Lexmark International, Inc.                                                       | 2014277857 | Schneider Electric Industries SAS                             |
| 2013363910 | Henkel AG & Co. KGaA                                                              | 2014279254 | Daikin Industries, Ltd.                                       |
| 2013363962 | The Johns Hopkins University; Amplimmune, Inc.                                    | 2014280258 | Fraunhofer-Gesellschaft zur Foerderung der ange-              |
| 2013364096 | Magee, G.                                                                         |            | wandten Forschung e.V.                                        |
| 2013364261 | Cytec Technology Corp.                                                            | 2014285448 | Mitsubishi Heavy Industries, Ltd.                             |
| 2013365742 | Novartis AG                                                                       | 2014285449 | Mitsubishi Heavy Industries, Ltd.                             |
| 2013365906 | Luigi Lavazza S.p.A.                                                              | 2014285450 | Mitsubishi Heavy Industries, Ltd.                             |
| 2013366047 | CooperVision International Holding Company, LP                                    | 2014285907 | Dyson Technology Limited                                      |
| 2013366262 | Coatex                                                                            | 2014295881 | Palfinger AG                                                  |
| 2013368947 | Shilpa Medicare Limited                                                           | 2014298549 | BASF SE                                                       |
| 2013369037 | Rhodes Technologies                                                               | 2014299520 | Kim, S.                                                       |
| 2013369481 | Coveris Flexibles Austria GmbH                                                    | 2014302570 | Nelson Irrigation Corporation                                 |
| 2013373842 | Herrenknecht AG                                                                   | 2014308242 | NETZSCH Feinmahltechnik GmbH                                  |
| 2013377405 | ArcelorMittal                                                                     | 2014309263 | Motorola Solutions, Inc.                                      |
| 2013380739 | GRG Banking Equipment Co., Ltd.                                                   | 2014313502 | Organo Corporation                                            |
| 2013396134 | State Grid Corporation of China (SGCC); State Grid<br>Ningbo Power Supply Company | 2014314477 | Dolby International AB                                        |
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| 2013399114 | Halliburton Energy Services, Inc.                                                 | 2014315931 | Kim, Y.                                                       |
| 2013399664 | Halliburton Energy Services, Inc.                                                 | 2014318324 | Verily Life Sciences LLC                                      |
| 2013400744 | Halliburton Energy Services, Inc.                                                 | 2014319664 | Ricoh Company, Ltd.                                           |
| 2013401927 | Halliburton Energy Services, Inc.                                                 | 2014326284 | Toyota Jidosha Kabushiki Kaisha                               |
| 2013402092 | Halliburton Energy Services, Inc.                                                 | 2014327719 | Saint-Gobain Glass France                                     |
| 2013403132 | Huawei Technologies Co., Ltd.                                                     | 2014328656 | Rosemount Inc.                                                |
| 2013403212 | Nicoventures Holdings Limited                                                     | 2014328696 | Rosemount Inc.                                                |
| 2013404055 | Halliburton Energy Services, Inc.                                                 | 2014328729 | Zinpro Corporation                                            |
| 2013404584 | Colgate-Palmolive Company                                                         | 2014334012 | Unilever PLC                                                  |
| 2013404800 | LANXESS Deutschland GmbH; LANXESS Specialty<br>Chemicals Co., Ltd.                | 2014334087 | Unilever PLC                                                  |
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| 2013405210 | Halliburton Energy Services, Inc.                                                 | 2014340859 | Hankook Technology Inc.                                       |
| 2013407299 | Halliburton Energy Services, Inc.                                                 | 2014347246 | 3M Innovative Properties Company; US Army ECBC;<br>Rossin, J. |
| 2013407358 | SCA Hygiene Products AB                                                           |            |                                                               |
| 2013407361 | SCA Hygiene Products AB                                                           | 2014349209 | Illinois Tool Works Inc.                                      |
| 2014200147 | The Boeing Company                                                                | 2014352005 | Unilever PLC                                                  |
| 2014200727 | HeartSine Technologies Limited                                                    | 2014352355 | Changzheng Engineering Co., Ltd.                              |
| 2014202745 | Insmed Incorporated                                                               | 2014361780 | Restorsea, LLC                                                |
| 2014203637 | SSAB Technology AB                                                                | 2014364020 | Dow AgroSciences LLC                                          |
| 2014203833 | Honeywell International, Inc.                                                     | 2014366538 | FiberHome Telecommunication Technologies Co., Ltd.            |
| 2014204551 | Ovine Automation Limited                                                          | 2014370789 | Kim, S.; Kim, G.; Kim, H.                                     |
| 2014205317 | Gilead Sciences, Inc.                                                             | 2014377971 | Wilhelm Layher Verwaltungs-GmbH                               |
| 2014206876 | Telefonaktiebolaget L M Ericsson (publ)                                           | 2014379671 | SCA Hygiene Products AB                                       |
| 2014207089 | Swiss Spa System Ltd.                                                             | 2015200303 | Pacira Pharmaceuticals Inc                                    |
| 2014209499 | 3M Innovative Properties Company                                                  | 2015200321 | Bikon-Technik GmbH                                            |
| 2014213552 | Vivus, Inc.                                                                       | 2015200419 | Polaris Industries Inc                                        |
| 2014218455 | Keryx Biopharmaceuticals, Inc.                                                    | 2015200462 | THE CHINESE UNIVERSITY OF HONG KONG                           |
| 2014222382 | 3M Innovative Properties Company                                                  | 2015200944 | Sunesis Pharmaceuticals, Inc.                                 |
| 2014226135 | Westell Technologies, Inc.                                                        | 2015201534 | ImmunoGen, Inc.                                               |
| 2014228219 | Siemens Industry, Inc.                                                            | 2015201934 | LG Electronics Inc.                                           |
| 2014235564 | ELC Management LLC                                                                | 2015202093 | Muffin Incorporated; Cook Biotech Incorporated                |
| 2014236739 | Coe, W.                                                                           | 2015202132 | Intersect ENT, Inc.                                           |
| 2014239387 | Asahi Kasei Medical Co., Ltd.                                                     | 2015202160 | Colgate-Palmolive Company                                     |
| 2014240983 | Dow AgroSciences LLC                                                              | 2015202214 | Accenture Global Services Limited                             |
| 2014244217 | Water Pik, Inc.                                                                   | 2015202246 | Yuen, H.                                                      |
| 2014244617 | Georgia-Pacific Chemicals LLC                                                     | 2015202279 | Shinn Fu Corporation                                          |
| 2014249274 | Teleflex Medical Incorporated                                                     | 2015202363 | WILLEFORD, K.                                                 |
| 2014249631 | 3M Innovative Properties Company                                                  | 2015202365 | GENENTECH, INC.                                               |
| 2014250716 | ResMed Limited                                                                    | 2015202370 | Abbott Medical Optics Inc.                                    |
| 2014252043 | Dolby International AB                                                            | 2015202419 | The Nielsen Company (US), LLC                                 |
| 2014252287 | Modbar, LLC.                                                                      | 2015202652 | E. I. du Pont de Nemours and Company                          |
| 2014252772 | Duplx Pty Ltd                                                                     | 2015202830 | Google Inc.                                                   |
| 2014256438 | Einnovations Holdings Pte. Ltd.                                                   | 2015202969 | Covidien LP                                                   |
| 2014256675 | Huawei Technologies Co., Ltd.                                                     | 2015203360 | Color Image Apparel, Inc.                                     |
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| 2014259520 | ATI Properties LLC                                                                | 2015203510 | Kabushiki Kaisha Toshiba                                      |
| 2014262244 | CROWN EQUIPMENT CORPORATION                                                       | 2015203539 | Reactive Technologies Limited                                 |
| 2014263192 | Halliburton Energy Services, Inc.                                                 | 2015203736 | Fraunhofer-Gesellschaft zur Foerderung der ange-              |
| 2014264851 | Arcelik Anonim Sirketi                                                            |            | wandten Forschung e.V.                                        |
| 2014267478 | Wobben Properties GmbH                                                            | 2015204399 | Azzam, S.                                                     |
| 2014268094 | 2266170 Ontario Inc.                                                              | 2015205913 | Abbott Medical Optics Inc.                                    |

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| 2015207246 | Sumitomo Metal Mining Co., Ltd.                                                   |
| 2015207922 | WIRTGEN GmbH                                                                      |
| 2015210385 | Dolby International AB                                                            |
| 2015210403 | Nuevas Alternativas Naturales, S.A. de C.V.                                       |
| 2015211045 | Valeritas, Inc.                                                                   |
| 2015218412 | Snap-on Incorporated                                                              |
| 2015222880 | Banner Life Sciences LLC                                                          |
| 2015224419 | Kimberly-Clark Worldwide, Inc.                                                    |
| 2015227483 | Ross Technology Corporation                                                       |
| 2015230757 | Apple Inc.                                                                        |
| 2015230793 | Apple Inc.                                                                        |
| 2015238801 | Halliburton Energy Services, Inc.                                                 |
| 2015242949 | Microsoft Technology Licensing, LLC                                               |
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| 2015243082 | VMware, Inc.                                                                      |
| 2015244220 | United States Gypsum Company                                                      |
| 2015246093 | Outerwall Inc.                                                                    |
| 2015249031 | Nippon Tsusho Kabushiki Kaisha                                                    |
| 2015249132 | PepsiCo, Inc.                                                                     |
| 2015255190 | Eberharter, D.                                                                    |
| 2015258215 | SCHLUMBERGER TECHNOLOGY B.V.                                                      |
| 2015270283 | MacTaggart Scott (Holdings) Limited                                               |
| 2015271928 | Infineum International Limited                                                    |
| 2015275256 | Cook Medical Technologies LLC                                                     |
| 2015340825 | Shield TX (UK) Ltd.                                                               |
| 2015383065 | China University of Mining and Technology                                         |
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| 2016200248 | Daon Holdings Limited                                                             |
| 2016200885 | Accenture Global Services Limited                                                 |
| 2016200896 | Facebook, Inc.                                                                    |
| 2016200951 | MED-EL Elektromedizinische Geraete GmbH                                           |
| 2016201530 | Accenture Global Services Limited                                                 |
| 2016201548 | Cyril Bath Company                                                                |
| 2016201562 | Landmark Graphics Corporation                                                     |
| 2016201589 | Her Majesty The Queen In Right Of Canada as represented by The Minister Of Health |
| 2016201706 | Halliburton Energy Services, Inc.                                                 |
| 2016202302 | OptiMedica Corporation                                                            |
| 2016204535 | Laboratoire Français du Fractionnement et des Biotechnologies                     |
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| 2012317746               | <b><u>A61M 39 /-</u></b> | <b><u>A61P 31 /-</u></b> | <b><u>A63F 5 /-</u></b>  | <b><u>B01J 19 /-</u></b> | <b><u>B21B 1 /-</u></b>  |
| 2015201534               |                          | 2011350995               | 2012298621               | 2011317414               | 2011380952               |
| 2015222880               | 2012318632               | 2012200059               |                          |                          |                          |
| <b><u>A61K 48 /-</u></b> | <b><u>A61M 5 /-</u></b>  | 2012238351               | <b><u>B01D 11 /-</u></b> | <b><u>B01J 20 /-</u></b> | <b><u>B21D 47 /-</u></b> |
| 2012329502               | 2012283861               | 2012302778               | 2012294269               | 2014347246               | 2016201548               |
| 2015202365               | 2012331147               | 2013302680               |                          |                          |                          |
|                          | 2015211045               | 2014205317               | <b><u>B01D 17 /-</u></b> | <b><u>B01J 21 /-</u></b> | <b><u>B21D 53 /-</u></b> |
| <b><u>A61K 49 /-</u></b> |                          | 2016204535               |                          |                          |                          |
|                          | <b><u>A61N 1 /-</u></b>  | <b><u>A61P 35 /-</u></b> | 2011269658               | 2013298173               | 2016201548               |
| 2011242794               |                          |                          |                          |                          |                          |
|                          | 2014200727               | 2012302778               | <b><u>B01D 19 /-</u></b> | <b><u>B01J 23 /-</u></b> | <b><u>B23K 20 /-</u></b> |
| <b><u>A61K 51 /-</u></b> | 2014207089               | 2012308582               |                          | 2013298173               | 2016201548               |
|                          | 2014249274               | 2012329502               | 2014285448               |                          |                          |
| 2015201534               | 2015202363               | 2012344839               | 2014285449               | <b><u>B01J 29 /-</u></b> | <b><u>B23K 9 /-</u></b>  |
|                          | 2016200951               | 2013299841               | 2014285450               |                          |                          |
| <b><u>A61K 8 /-</u></b>  |                          | 2014276417               | <b><u>B01D 24 /-</u></b> | 2013327877               | 2014259520               |
| 2011248152               | <b><u>A61P 1 /-</u></b>  | 2015200944               |                          |                          |                          |
| 2014361780               | 2012278744               | 2016204535               | 2014347246               | <b><u>B01J 35 /-</u></b> | <b><u>B23P 6 /-</u></b>  |
|                          | 2012332211               |                          |                          |                          |                          |
| <b><u>A61K 9 /-</u></b>  | 2013292149               | <b><u>A61P 37 /-</u></b> | <b><u>B01D 27 /-</u></b> | 2013298173               | 2011313972               |
|                          |                          |                          |                          |                          |                          |
| 2010245823               | <b><u>A61P 11 /-</u></b> | 2012277376               | 2014347246               | <b><u>B01J 37 /-</u></b> | <b><u>B25B 7 /-</u></b>  |
| 2012317746               |                          | 2012344839               |                          | 2013298173               | 2014209499               |
| 2013305684               | 2014202745               | 2013204880               | <b><u>B01D 29 /-</u></b> |                          |                          |
| 2013366262               | 2014213552               | 2016201589               |                          | <b><u>B01J 8 /-</u></b>  | <b><u>B25C 1 /-</u></b>  |
| 2014202745               |                          | 2016204535               | 2014298549               |                          |                          |
| 2014218455               | <b><u>A61P 13 /-</u></b> | <b><u>A61P 43 /-</u></b> | <b><u>B01D 35 /-</u></b> | 2011317414               | 2011202362               |
| 2015200303               |                          |                          |                          |                          |                          |
| 2015222880               | 2010260847               | 2010260847               | 2015207246               | <b><u>B01L 3 /-</u></b>  | <b><u>B26B 27 /-</u></b> |
|                          |                          | 2012344839               |                          |                          |                          |
| <b><u>A61L 2 /-</u></b>  | <b><u>A61P 15 /-</u></b> | <b><u>A61P 7 /-</u></b>  | <b><u>B01D 39 /-</u></b> | 2012293414               | 2014209499               |
|                          |                          |                          |                          |                          |                          |
| 2015224419               | 2010260847               | 2012344839               | 2014347246               | <b><u>B02C 17 /-</u></b> | <b><u>B26B 29 /-</u></b> |
|                          | 2011350717               | 2015340825               | <b><u>B01D 46 /-</u></b> | 2014308242               | 2014209499               |
| <b><u>A61L 27 /-</u></b> | 2016204535               | 2016204535               |                          |                          |                          |
|                          |                          |                          | 2014347246               | <b><u>B02C 4 /-</u></b>  | <b><u>B26D 1 /-</u></b>  |
| 2013331003               | <b><u>A61P 17 /-</u></b> | <b><u>A61P 9 /-</u></b>  | <b><u>B01D 5 /-</u></b>  | 2012314650               | 2012264735               |
| 2014249274               |                          | 2012324544               |                          |                          |                          |
| 2015202093               | 2011248152               | 2014213552               | 2011329613               | <b><u>B03B 7 /-</u></b>  | <b><u>B26D 3 /-</u></b>  |
|                          | 2012344839               |                          |                          |                          |                          |
| <b><u>A61L 29 /-</u></b> | 2013302680               | <b><u>A61Q 19 /-</u></b> | <b><u>B01D 53 /-</u></b> | 2015207246               | 2012264735               |
|                          | 2013305684               |                          |                          |                          |                          |
| 2013243777               | <b><u>A61P 21 /-</u></b> | 2011248152               | 2011329613               | <b><u>B03C 1 /-</u></b>  | <b><u>B27L 7 /-</u></b>  |
| 2014249274               |                          |                          | 2013265687               |                          |                          |
|                          | 2010260847               | <b><u>A61Q 5 /-</u></b>  | 2015203510               | 2015207246               | 2012261896               |
| <b><u>A61L 31 /-</u></b> |                          |                          |                          |                          |                          |
|                          |                          | 2014361780               | <b><u>B01D 61 /-</u></b> | <b><u>B05B 1 /-</u></b>  | <b><u>B28B 19 /-</u></b> |
| 2013331003               | <b><u>A61P 25 /-</u></b> |                          |                          | 2014302570               | 2010324140               |
| 2014249274               |                          | <b><u>A62B 19 /-</u></b> | 2014285448               |                          |                          |
|                          | 2012308582               |                          | 2014285449               | <b><u>B05B 15 /-</u></b> | <b><u>B28B 21 /-</u></b> |
| <b><u>A61M 1 /-</u></b>  | 2013299832               | 2014347246               | 2014285450               |                          |                          |
|                          | 2013305684               |                          |                          | 2014302570               | 2010324140               |
| 2012264776               | 2015202365               | <b><u>A63B 3 /-</u></b>  | <b><u>B01D 63 /-</u></b> |                          |                          |
| 2012283861               | 2015222880               |                          |                          | <b><u>B05B 3 /-</u></b>  | <b><u>B29C 33 /-</u></b> |
| 2012342618               |                          | 2012392755               | 2012206465               |                          |                          |
| 2014239387               | <b><u>A61P 27 /-</u></b> |                          |                          | 2014302570               | 2012363867               |
|                          |                          | <b><u>A63B 63 /-</u></b> | <b><u>B01D 65 /-</u></b> |                          | 2013290197               |
| <b><u>A61M 25 /-</u></b> | 2013206951               |                          |                          | <b><u>B05D 3 /-</u></b>  | <b><u>B29C 35 /-</u></b> |
|                          |                          | 2010330677               | 2014313502               |                          |                          |
| 2012318632               | <b><u>A61P 29 /-</u></b> | <b><u>A63B 69 /-</u></b> | <b><u>B01D 71 /-</u></b> | 2011296359               | 2011296359               |
| 2014249274               |                          |                          |                          |                          |                          |
|                          | 2011350717               | 2010330677               | 2014313502               | <b><u>B05D 5 /-</u></b>  | <b><u>B29C 39 /-</u></b> |
| <b><u>A61M 29 /-</u></b> | 2012344839               |                          |                          |                          |                          |
|                          | 2013305684               | <b><u>A63F 13 /-</u></b> | <b><u>B01D 9 /-</u></b>  | 2011296359               | 2013290197               |
| 2012253287               | <b><u>A61P 3 /-</u></b>  |                          |                          |                          |                          |
| 2014275068               |                          | 2013200342               | 2014285448               | <b><u>B08B 9 /-</u></b>  | <b><u>B29C 44 /-</u></b> |
| 2015202132               |                          | 2014275882               | 2014285449               | 2008359977               |                          |
|                          | 2010260847               |                          | 2014285450               |                          | 2011296359               |
| <b><u>A61M 37 /-</u></b> | 2013209723               |                          |                          |                          |                          |
| 2013302680               |                          |                          |                          |                          |                          |

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|                          |                          |                          |                          |                           |                           |
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| <b><u>B29C 70 /-</u></b> | <b><u>B62D 25 /-</u></b> | <b><u>B65D 21 /-</u></b> | <b><u>B66B 7 /-</u></b>  | <b><u>C04B 11 /-</u></b>  | <b><u>C07D 239 /-</u></b> |
| 2012363867               | 2013205931               | 2013205215               | 2011313972               | 2015244220                | 2012308582                |
| 2014200147               | <b><u>B62D 33 /-</u></b> |                          | <b><u>B66C 19 /-</u></b> | <b><u>C04B 111 /-</u></b> | <b><u>C07D 249 /-</u></b> |
| 2015249031               | 2014203637               | <b><u>B65D 25 /-</u></b> | 2013329652               | 2014263192                | 2013365742                |
| <b><u>B30B 15 /-</u></b> | <b><u>B62J 1 /-</u></b>  | 2015249132               | <b><u>B66C 23 /-</u></b> | 2015244220                | <b><u>C07D 263 /-</u></b> |
| 2012314650               | 2015200419               | <b><u>B65D 41 /-</u></b> | 2014295881               | <b><u>C04B 24 /-</u></b>  | 2013365742                |
| <b><u>B32B 15 /-</u></b> | <b><u>B62J 15 /-</u></b> | 2012319100               | <b><u>B66C 6 /-</u></b>  | 2013399664                | <b><u>C07D 265 /-</u></b> |
| 2013404584               | 2013205931               | <b><u>B65D 43 /-</u></b> | 2013329652               | <b><u>C04B 26 /-</u></b>  | 2013365742                |
| <b><u>B32B 27 /-</u></b> | <b><u>B62J 27 /-</u></b> | 2012217278               | <b><u>B66F 9 /-</u></b>  | 2013399664                | <b><u>C07D 305 /-</u></b> |
| 2013336503               | 2015200419               | <b><u>B65D 47 /-</u></b> | 2014271346               | 2014263192                |                           |
| 2013369481               | <b><u>B62K 5 /-</u></b>  | 2012217278               | <b><u>C01B 11 /-</u></b> | <b><u>C04B 28 /-</u></b>  | 2013368947                |
| 2015227483               | 2015200419               | <b><u>B65D 5 /-</u></b>  | 2015244220               | 2015383065                | <b><u>C07D 309 /-</u></b> |
| <b><u>B32B 3 /-</u></b>  | <b><u>B63B 27 /-</u></b> | 2013343278               | 2014313502               | <b><u>C04B 40 /-</u></b>  | 2015340825                |
| 2011296359               | 2012221805               | <b><u>B65D 51 /-</u></b> | 2016200101               | 2012340390                | <b><u>C07D 401 /-</u></b> |
| <b><u>B32B 37 /-</u></b> | <b><u>B63B 35 /-</u></b> | 2012217278               | <b><u>C01B 21 /-</u></b> | <b><u>C04B 41 /-</u></b>  | 2013292149                |
| 2011296359               | 2012256499               | <b><u>B65D 65 /-</u></b> | 2013265687               | 2015244220                | 2013365742                |
| 2012278749               | 2013315266               | 2013282930               | <b><u>C01B 3 /-</u></b>  | <b><u>C06B 21 /-</u></b>  | <b><u>C07D 403 /-</u></b> |
| 2013336503               | <b><u>B63G 8 /-</u></b>  | 2013336503               | 2012342614               | 2012272500                | 2013365742                |
| <b><u>B32B 38 /-</u></b> | 2015270283               | <b><u>B65D 81 /-</u></b> | <b><u>C01B 31 /-</u></b> | <b><u>C06B 45 /-</u></b>  | 2014205317                |
| 2011296359               | <b><u>B63H 1 /-</u></b>  | 2014268094               | 2011329613               | 2012272500                | <b><u>C07D 405 /-</u></b> |
| <b><u>B32B 5 /-</u></b>  | 2012216749               | <b><u>B65D 83 /-</u></b> | <b><u>C01F 11 /-</u></b> | <b><u>C07C 1 /-</u></b>   | <b><u>C07D 409 /-</u></b> |
| 2014200147               | <b><u>B63H 25 /-</u></b> | 2013343278               | 2013301121               | 2012342614                | 2013292149                |
| <b><u>B32B 9 /-</u></b>  | 2012308224               | <b><u>B65D 85 /-</u></b> | <b><u>C01G 49 /-</u></b> | <b><u>C07C 229 /-</u></b> | <b><u>C07D 413 /-</u></b> |
| 2015227483               | <b><u>B64C 3 /-</u></b>  | 2013365906               | 2013404800               | 2014328729                | 2013292149                |
| <b><u>B60B 21 /-</u></b> | 2014200147               | 2015249132               | 2015207246               | <b><u>C07C 311 /-</u></b> | 2013365742                |
| 2013364096               | <b><u>B64D 27 /-</u></b> | <b><u>B65D 88 /-</u></b> | <b><u>C02F 1 /-</u></b>  | <b><u>C07C 311 /-</u></b> | 2014205317                |
| <b><u>B60C 11 /-</u></b> | 2012318370               | 2014203637               | 2011259824               | 2013217972                | <b><u>C07D 417 /-</u></b> |
| 2013364096               | <b><u>B64D 31 /-</u></b> | <b><u>B65G 11 /-</u></b> | 2011269658               | <b><u>C07C 57 /-</u></b>  | 2013292149                |
| <b><u>B60J 5 /-</u></b>  | 2012318370               | 2015249031               | 2013303653               | 2012308582                | 2013365742                |
| 2012344719               | 2012318370               | <b><u>B65G 17 /-</u></b> | 2014249631               | <b><u>C07C 59 /-</u></b>  | 2014205317                |
| <b><u>B60L 1 /-</u></b>  | <b><u>B64D 37 /-</u></b> | 2012253156               | 2014285448               | 2012308582                | <b><u>C07D 451 /-</u></b> |
| 2013231166               | 2013330386               | <b><u>B65G 67 /-</u></b> | 2014285449               | <b><u>C07C 9 /-</u></b>   | 2013365742                |
| <b><u>B60P 1 /-</u></b>  | <b><u>B65B 13 /-</u></b> | 2015200303               | 2014285450               | 2012342614                | <b><u>C07D 455 /-</u></b> |
| 2014203637               | 2014209499               | <b><u>B65G 69 /-</u></b> | <b><u>C02F 3 /-</u></b>  | <b><u>C07D 211 /-</u></b> | 2012313987                |
| <b><u>B60T 7 /-</u></b>  | <b><u>B65B 69 /-</u></b> | 2014271346               | <b><u>C02F 5 /-</u></b>  | 2013365742                | <b><u>C07D 471 /-</u></b> |
| 2012337399               | 2014209499               | <b><u>B66B 11 /-</u></b> | 2014285450               | <b><u>C07D 213 /-</u></b> | 2013261023                |
| <b><u>B60W 30 /-</u></b> | <b><u>B65D 1 /-</u></b>  | 2011313972               | <b><u>C02F 9 /-</u></b>  | 2012308582                | 2014205317                |
| 2012337399               | 2013268597               | <b><u>B66B 19 /-</u></b> | 2014249631               | 2013292149                | 2014276417                |
| <b><u>B61L 29 /-</u></b> | <b><u>B65D 17 /-</u></b> | 2011313972               | 2014285448               | <b><u>C07D 235 /-</u></b> | <b><u>C07D 473 /-</u></b> |
| 2014228219               | 2015249132               |                          | 2014285449               | 2013342015                | 2012344839                |
|                          |                          |                          | 2014285450               |                           | <b><u>C07D 489 /-</u></b> |
|                          |                          |                          |                          |                           | 2013369037                |

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| <b><u>C07D 491 I/-</u></b> |                            | <b><u>C09K 5 I/-</u></b>   |                           | 2013363910                | 2013305023                |
| 2013209723                 | <b><u>C08K 5 I/-</u></b>   | 2011317414                 | <b><u>C12M 1 I/-</u></b>  |                           | 2014236739                |
|                            | 2013265259                 | 2015202652                 | 2012293414                | <b><u>C21D 9 I/-</u></b>  | 2015207922                |
| <b><u>C07D 493 I/-</u></b> | 2013366262                 |                            |                           | 2013377405                | <b><u>E01C 7 I/-</u></b>  |
| 2013292149                 | 2014244617                 | <b><u>C09K 8 I/-</u></b>   | <b><u>C12M 3 I/-</u></b>  |                           | 2011236730                |
|                            | <b><u>C08L 101 I/-</u></b> | 2013402092                 | 2015202093                | <b><u>C22B 23 I/-</u></b> |                           |
| <b><u>C07D 498 I/-</u></b> | 2013265259                 | 2013404055                 |                           | 2013303653                | <b><u>E02D 3 I/-</u></b>  |
| 2010260847                 |                            | 2014256987                 | <b><u>C12N 1 I/-</u></b>  | 2015207246                | 2015383065                |
| 2012233667                 | <b><u>C08L 33 I/-</u></b>  | <b><u>C10G 11 I/-</u></b>  | 2013333532                | <b><u>C22B 3 I/-</u></b>  | <b><u>E02D 7 I/-</u></b>  |
| <b><u>C07F 5 I/-</u></b>   | 2013366262                 | 2013327877                 | <b><u>C12N 15 I/-</u></b> | 2015207246                | 2013210045                |
| 2011242794                 | <b><u>C08L 5 I/-</u></b>   | <b><u>C10G 2 I/-</u></b>   | 2010209508                | <b><u>C22F 1 I/-</u></b>  | <b><u>E02F 3 I/-</u></b>  |
| <b><u>C07H 17 I/-</u></b>  | 2012252415                 | 2013298173                 | 2012302778                | 2014259520                | 2012256499                |
| 2012226907                 | <b><u>C08L 61 I/-</u></b>  | <b><u>C10G 3 I/-</u></b>   | 2012329502                | 2016201548                |                           |
| <b><u>C07K 14 I/-</u></b>  | 2014244617                 | 2012214577                 | 2012342456                | <b><u>C40B 30 I/-</u></b> | <b><u>E02F 5 I/-</u></b>  |
|                            |                            |                            | 2013206951                |                           | 2012256499                |
| 2011331103                 | <b><u>C08L 63 I/-</u></b>  | <b><u>C10J 3 I/-</u></b>   | 2016204535                | 2012304181                | <b><u>E02F 9 I/-</u></b>  |
| 2012200059                 |                            |                            |                           | <b><u>C40B 40 I/-</u></b> | 2012315821                |
| 2012277376                 | 2013364261                 | 2011317414                 | 2011347234                | 2012304181                | 2015207922                |
| 2012302778                 |                            | 2012203849                 | 2012329502                |                           | <b><u>E03C 1 I/-</u></b>  |
| 2012342456                 | <b><u>C08L 67 I/-</u></b>  | 2012342614                 | 2015202093                | <b><u>D01D 5 I/-</u></b>  | 2013283076                |
| 2012344293                 | 2013336503                 | 2014352355                 | 2016204535                | 2014249274                | 2014252772                |
| 2013333532                 |                            | <b><u>C10K 3 I/-</u></b>   | <b><u>C12N 7 I/-</u></b>  |                           | <b><u>E03F 3 I/-</u></b>  |
| <b><u>C07K 16 I/-</u></b>  | <b><u>C08L 75 I/-</u></b>  | 2012342614                 | 2011350995                | <b><u>D04H 1 I/-</u></b>  | 2011302712                |
| 2012200059                 | 2013265259                 |                            |                           |                           | <b><u>E03F 5 I/-</u></b>  |
| 2012277376                 | 2014244617                 | <b><u>C10L 1 I/-</u></b>   | <b><u>C12N 9 I/-</u></b>  | 2011335982                | 2011302712                |
| 2012329502                 |                            | 2011249852                 | 2012342456                | 2013241469                | 2011302712                |
| 2013363962                 | <b><u>C09C 1 I/-</u></b>   | 2011268333                 | 2012378148                | <b><u>D06F 33 I/-</u></b> | 2012269769                |
| 2016204535                 | 2013404800                 | 2012214577                 | 2013243602                |                           | <b><u>E04B 1 I/-</u></b>  |
| <b><u>C07K 19 I/-</u></b>  | <b><u>C09D 175 I/-</u></b> | <b><u>C10L 10 I/-</u></b>  | <b><u>C12P 1 I/-</u></b>  | 2015201934                | 2011302712                |
| 2010209508                 | 2013265259                 | 2011249852                 | 2013275309                | <b><u>D06F 58 I/-</u></b> | 2012269769                |
| 2012302778                 |                            |                            |                           |                           | <b><u>E04B 2 I/-</u></b>  |
| <b><u>C07K 7 I/-</u></b>   | <b><u>C09D 183 I/-</u></b> | <b><u>C10L 3 I/-</u></b>   | <b><u>C12P 19 I/-</u></b> | 2015201934                | 2011217713                |
| 2012329502                 | 2013363910                 | 2012342614                 | 2013208439                | <b><u>D06M 15 I/-</u></b> | 2009353373                |
|                            |                            |                            | 2013275309                | 2013364261                | 2010241321                |
| <b><u>C07K 9 I/-</u></b>   | <b><u>C09D 201 I/-</u></b> | <b><u>C10M 127 I/-</u></b> | <b><u>C12P 21 I/-</u></b> | <b><u>D21H 11 I/-</u></b> | <b><u>E04B 7 I/-</u></b>  |
| 2012200059                 | 2013265259                 | 2015271928                 | 2016204535                | 2013282930                | 2009353373                |
|                            | <b><u>C09D 5 I/-</u></b>   | <b><u>C10M 129 I/-</u></b> | <b><u>C12P 7 I/-</u></b>  | <b><u>D21H 17 I/-</u></b> | <b><u>E04B 9 I/-</u></b>  |
| <b><u>C08B 37 I/-</u></b>  | 2013363910                 | 2015271928                 | 2012378148                |                           | 2013341598                |
| 2012252415                 |                            |                            | 2013208439                | <b><u>D21H 19 I/-</u></b> | <b><u>E04C 1 I/-</u></b>  |
| <b><u>C08F 2 I/-</u></b>   | <b><u>C09J 161 I/-</u></b> | <b><u>C10M 159 I/-</u></b> | 2013243602                | 2013336503                | 2011217713                |
| 2014298549                 | 2014244617                 | 2015271928                 | 2013275309                |                           | <b><u>E04C 3 I/-</u></b>  |
|                            | <b><u>C09J 175 I/-</u></b> | <b><u>C10M 169 I/-</u></b> | <b><u>C12Q 1 I/-</u></b>  | <b><u>D21H 21 I/-</u></b> | 2012247032                |
| <b><u>C08F 20 I/-</u></b>  | 2014244617                 | 2013202144                 | 2012256040                | 2013282930                | <b><u>E04C 5 I/-</u></b>  |
| 2014298549                 |                            |                            | 2013229186                | <b><u>D21H 25 I/-</u></b> | 2014315931                |
| <b><u>C08F 220 I/-</u></b> | <b><u>C09J 201 I/-</u></b> | <b><u>C10N 30 I/-</u></b>  | 2015200462                | 2013282930                | <b><u>E04F 13 I/-</u></b> |
| 2013366262                 | 2013265259                 | 2015271928                 | <b><u>C13K 1 I/-</u></b>  |                           | 2013341598                |
|                            | <b><u>C09K 17 I/-</u></b>  | <b><u>C10N 40 I/-</u></b>  | 2013275309                | <b><u>D21H 27 I/-</u></b> |                           |
| <b><u>C08J 11 I/-</u></b>  | 2015383065                 | 2015271928                 | <b><u>C21D 1 I/-</u></b>  | 2013241469                |                           |
| 2014298549                 |                            |                            | 2013377405                | 2013282930                |                           |
| <b><u>C08K 3 I/-</u></b>   | <b><u>C09K 3 I/-</u></b>   | <b><u>C11D 3 I/-</u></b>   | <b><u>C21D 7 I/-</u></b>  | <b><u>E01C 23 I/-</u></b> |                           |
| 2013363910                 | 2013265259                 | 2012342456                 |                           |                           |                           |
|                            |                            | 2013366262                 |                           |                           |                           |



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|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>E04F 15 /-</b> | 2015238801        | 2013201978        | <b>F03D 7 /-</b>  | 2012252925        | <b>F24D 13 /-</b> |
| 2010241321        | <b>E21B 17 /-</b> | 2013401927        |                   |                   |                   |
| 2012278749        |                   | 2014256987        | 2013224674        | <b>F16L 19 /-</b> | 2012278749        |
|                   | 2012216767        | 2014328656        | <b>F03D 80 /-</b> | 2012324774        | <b>F24F 13 /-</b> |
| <b>E04G 1 /-</b>  | 2012302211        | 2015258215        |                   | 2012363867        |                   |
|                   | 2015238801        | <b>E21B 7 /-</b>  | 2014267478        | <b>F16L 27 /-</b> | 2013298331        |
| 2014377971        | 2016201706        |                   |                   |                   |                   |
| <b>E04G 21 /-</b> | <b>E21B 19 /-</b> | 2012258322        | <b>F03G 6 /-</b>  | 2012324774        | <b>F24F 3 /-</b>  |
|                   |                   | 2013373842        |                   |                   |                   |
| 2012203098        | 2012258322        | 2013399114        | 2011317414        | <b>F16L 3 /-</b>  | 2010201356        |
| 2014315931        | 2012302211        | 2013407299        | <b>F04B 43 /-</b> | 2011201349        | <b>F24J 2 /-</b>  |
| <b>E04G 7 /-</b>  | <b>E21B 21 /-</b> | <b>E21C 25 /-</b> | 2013230494        |                   |                   |
|                   |                   | 2015207922        | <b>F04B 53 /-</b> | <b>F16L 33 /-</b> | 2010234217        |
| 2014377971        | 2012249814        | <b>E21C 50 /-</b> |                   | 2011290603        | 2011317414        |
| <b>E04H 12 /-</b> | <b>E21B 23 /-</b> |                   | 2013230494        | 2012324774        | <b>F25B 1 /-</b>  |
|                   |                   | 2012256499        | <b>F04D 1 /-</b>  | <b>F16L 55 /-</b> | 2014279254        |
| 2012247032        | 2013405210        | <b>F01D 11 /-</b> |                   |                   |                   |
| 2013298331        | 2013407299        |                   | 2013354217        | 2008359977        | <b>F25B 13 /-</b> |
| <b>E04H 17 /-</b> | 2016201706        | 2012348706        | <b>F04D 15 /-</b> | <b>F16L 59 /-</b> | 2014279254        |
|                   | <b>E21B 29 /-</b> | <b>F01D 5 /-</b>  |                   |                   |                   |
| 2012203098        | 2013407299        | 2013201301        | <b>F04D 29 /-</b> | 2011290603        | <b>F25B 41 /-</b> |
| <b>E05B 15 /-</b> | <b>E21B 31 /-</b> | <b>F01K 23 /-</b> |                   | <b>F16L 9 /-</b>  | 2014279254        |
|                   |                   |                   | 2012348706        | 2010324140        | <b>F25B 43 /-</b> |
| 2012344719        | 2016201706        | 2012203849        | 2013354217        | <b>F16M 11 /-</b> | 2014279254        |
| <b>E05B 65 /-</b> | <b>E21B 33 /-</b> | <b>F02B 25 /-</b> | <b>F15B 15 /-</b> |                   |                   |
|                   |                   |                   |                   | 2012200770        | <b>F25D 11 /-</b> |
| 2015218412        | 2012216767        | 2013350310        |                   | <b>F17C 11 /-</b> | 2012296171        |
| <b>E05B 73 /-</b> | 2012232952        | <b>F02B 3 /-</b>  | <b>F16B 13 /-</b> | 2011220329        | <b>F25D 17 /-</b> |
|                   | 2013201978        |                   |                   | <b>F17C 13 /-</b> | 2012296171        |
| 2011312879        | 2013241857        | 2012318370        | 2014349209        |                   |                   |
| <b>E05D 13 /-</b> | 2013256754        | <b>F02B 37 /-</b> | <b>F16D 1 /-</b>  | 2012363096        | <b>F25D 23 /-</b> |
|                   | 2013402092        |                   |                   | <b>F17C 7 /-</b>  | 2012296171        |
| 2012344719        | 2014256987        | 2013350310        | 2015200321        |                   |                   |
| <b>E05D 15 /-</b> | 2016201706        | <b>F02B 75 /-</b> | <b>F16D 65 /-</b> | 2011220329        | <b>F25D 25 /-</b> |
|                   | <b>E21B 34 /-</b> |                   |                   | <b>F17C 9 /-</b>  | 2012217247        |
| 2012344719        | 2010235956        | 2013350310        | <b>F16H 57 /-</b> | 2011220329        | <b>F25D 3 /-</b>  |
| <b>E05D 7 /-</b>  | 2012261641        | <b>F02D 19 /-</b> |                   | <b>F17D 5 /-</b>  | 2012296171        |
|                   |                   |                   | 2015202279        | 2012283099        | <b>F25J 1 /-</b>  |
| 2013354502        | <b>E21B 4 /-</b>  | 2012355402        | <b>F16J 15 /-</b> | <b>F22B 1 /-</b>  | 2013285183        |
| <b>E06B 11 /-</b> | 2013399114        | 2012355404        |                   |                   |                   |
|                   | <b>E21B 41 /-</b> | <b>F02D 41 /-</b> | 2012348706        | <b>F23N 5 /-</b>  | 2011329613        |
| 2011241473        |                   |                   |                   |                   |                   |
| <b>E06B 3 /-</b>  | 2012249814        | 2012318370        | <b>F16K 1 /-</b>  | 2012327503        | <b>F26B 15 /-</b> |
|                   | <b>E21B 43 /-</b> | <b>F02G 1 /-</b>  |                   | <b>F24B 1 /-</b>  | 2014340859        |
| 2012209269        |                   |                   | 2013270473        | 2015202246        | <b>F26B 3 /-</b>  |
| 2012344719        | 2012205254        | 2012231387        | 2015270283        |                   |                   |
| 2014327719        | 2012249814        | <b>F02M 43 /-</b> | <b>F16K 17 /-</b> | <b>F24C 1 /-</b>  | 2014340859        |
| <b>E06B 9 /-</b>  | 2012258322        |                   |                   |                   |                   |
|                   | 2013400744        | 2012355402        | 2012253209        | <b>F24C 15 /-</b> | 2012203849        |
| 2013226628        | 2013404055        | 2012355404        | 2012259426        |                   |                   |
| <b>E06C 1 /-</b>  | 2013405210        | <b>F02M 61 /-</b> | <b>F16K 31 /-</b> |                   |                   |
|                   | <b>E21B 44 /-</b> |                   |                   |                   |                   |
| 2013285077        | 2012258322        | 2012355402        | 2012236713        |                   |                   |
| <b>E06C 7 /-</b>  | <b>E21B 45 /-</b> | 2012355404        | 2012253209        |                   | <b>F27D 1 /-</b>  |
|                   |                   | <b>F03D 1 /-</b>  | 2013270473        |                   |                   |
| 2013285077        | 2015258215        |                   | 2014279254        |                   |                   |
| <b>E21B 10 /-</b> | <b>E21B 47 /-</b> | 2013224674        | <b>F16L 11 /-</b> | 2011351686        | <b>F27D 17 /-</b> |
|                   |                   |                   |                   | 2015202246        |                   |
| 2013257758        |                   |                   |                   |                   |                   |

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| 2012203849        | 2014200727        | <b>G06F 19 /-</b> | 2011352414        | 2012200770        | 2014226135        |
| <b>F28D 13 /-</b> | <b>G01R 31 /-</b> | 2013229186        | <b>G07B 15 /-</b> | 2013292513        | <b>H04M 3 /-</b>  |
| 2011317414        | 2011202975        | 2014318324        | 2015202214        | <b>H01R 13 /-</b> | 2011202975        |
| <b>F28D 20 /-</b> | 2013224729        | <b>G06F 21 /-</b> | <b>G07D 3 /-</b>  | 2013206544        | 2015242949        |
| 2011317414        | 2013337038        | 2015202830        | 2015246093        | <b>H02B 1 /-</b>  | <b>H04N 13 /-</b> |
| <b>F28F 3 /-</b>  | <b>G01V 1 /-</b>  | <b>G06F 3 /-</b>  | <b>G07D 5 /-</b>  | 2013354502        | 2016200885        |
| 2011276394        | 2016201562        | 2010201356        | 2015246093        | <b>H02G 15 /-</b> | <b>H04N 19 /-</b> |
| <b>G01B 11 /-</b> | <b>G01V 9 /-</b>  | 2012214993        | <b>G08B 17 /-</b> | 2011201349        | 2013254214        |
| 2013229379        | 2015258215        | 2012263123        | 2014203833        | <b>H02G 5 /-</b>  | 2014252043        |
| <b>G01F 1 /-</b>  | <b>G02B 1 /-</b>  | 2012300138        | <b>G08B 23 /-</b> | 2013202573        | <b>H04N 5 /-</b>  |
| 2012283099        | 2013366047        | 2013341125        | 2012359085        | <b>H02J 3 /-</b>  | 2012359085        |
| 2014328696        | <b>G02B 6 /-</b>  | 2013403132        | <b>G08C 17 /-</b> | 2012253314        | 2013297221        |
| <b>G01F 15 /-</b> | 2013396134        | 2014315445        | <b>G08G 1 /-</b>  | 2014277857        | 2013320746        |
| 2014328696        | <b>G02C 7 /-</b>  | 2015243081        | 2014318324        | 2015203539        | <b>H04N 7 /-</b>  |
| <b>G01H 1 /-</b>  | 2013201169        | 2015243082        | <b>G08G 1 /-</b>  | <b>H02J 5 /-</b>  | 2015202419        |
| 2012205254        | 2013366047        | <b>G06K 15 /-</b> | 2012337399        | 2013201974        | <b>H04Q 1 /-</b>  |
| <b>G01H 17 /-</b> | 2014318324        | 2013341125        | 2015202214        | <b>H02M 1 /-</b>  | 2013298331        |
| 2012205254        | <b>G03G 15 /-</b> | <b>G06K 9 /-</b>  | <b>G10L 19 /-</b> | 2012299019        | <b>H04R 25 /-</b> |
| <b>G01L 13 /-</b> | 2013363024        | 2011207120        | 2014280258        | 2012299019        | 2012265577        |
| 2014328696        | <b>G03G 9 /-</b>  | 2011352414        | 2015203736        | <b>H02M 7 /-</b>  | <b>H04W 36 /-</b> |
| <b>G01L 15 /-</b> | 2014319664        | 2013242830        | <b>G10L 21 /-</b> | 2013209323        | 2012371227        |
| 2014328696        | <b>G05B 13 /-</b> | 2013341125        | 2014314477        | 2013231166        | 2014206876        |
| <b>G01L 19 /-</b> | 2012269769        | 2016200248        | 2015203736        | <b>H02N 99 /-</b> | <b>H04W 4 /-</b>  |
| 2014328696        | <b>G05B 19 /-</b> | <b>G06Q 10 /-</b> | <b>G11B 5 /-</b>  | 2014318324        | 2012300138        |
| <b>G01M 11 /-</b> | 2012250098        | 2010308168        | 2015227483        | <b>H03H 17 /-</b> | 2012326553        |
| 2013229379        | 2013380739        | <b>G06Q 30 /-</b> | <b>H01H 83 /-</b> | 2015210385        | <b>H04W 64 /-</b> |
| <b>G01N 29 /-</b> | <b>G05B 23 /-</b> | 2012300138        | 2012307073        | <b>H04L 12 /-</b> | 2012326553        |
| 2012250098        | 2012250098        | <b>G06Q 40 /-</b> | <b>H01H 9 /-</b>  | 2012246221        | <b>H04W 72 /-</b> |
| 201364909         | <b>G05D 1 /-</b>  | 2014256438        | 2015201934        | 2012300138        | 2013296879        |
| <b>G01N 33 /-</b> | 2012337399        | <b>G06Q 50 /-</b> | <b>H01L 21 /-</b> | 2014366538        | 2014256675        |
| 2009318813        | <b>G06F 1 /-</b>  | 2013334718        | <b>H01L 23 /-</b> | <b>H04L 27 /-</b> | <b>H04W 76 /-</b> |
| 2011260390        | 2015242949        | 2015242949        | 2013201169        | 2016208398        | 2013324828        |
| 2012220896        | 2015230757        | <b>G06Q 90 /-</b> | <b>H01L 27 /-</b> | <b>H04L 29 /-</b> | <b>H04W 84 /-</b> |
| 2012249584        | <b>G06F 11 /-</b> | 2014262244        | 2013201169        | 2013272211        | 2014309263        |
| 2012304181        | 2016201530        | <b>G06T 1 /-</b>  | 2013248231        | 2013280906        | <b>H05B 33 /-</b> |
| 2012329502        | <b>G06F 13 /-</b> | 2013242830        | <b>H01L 27 /-</b> | 2015230793        | 2012272752        |
| 2012364909        | 2014275882        | <b>G06T 15 /-</b> | 2013201169        | 2015242949        | <b>H04L 5 /-</b>  |
| 2013308908        | <b>G06F 17 /-</b> | 2016200885        | <b>H01M 4 /-</b>  | 2015242949        | <b>H05K 5 /-</b>  |
| 2013361275        | 2012250625        | <b>G06T 3 /-</b>  | 2014336895        | <b>H04L 9 /-</b>  | 2013354502        |
| <b>G01P 5 /-</b>  | 2012307073        | 2013297221        | <b>H01M 8 /-</b>  | 2014256438        | <b>H05K 7 /-</b>  |
| 2012359085        | 2012326553        | <b>G06T 7 /-</b>  | 2014326284        | <b>H04M 1 /-</b>  | 2013248231        |
| <b>G01R 27 /-</b> | 2013315747        | 2011207120        | <b>H01Q 1 /-</b>  | 2011202975        |                   |
|                   | 2015230793        |                   |                   |                   |                   |
|                   | 2016200896        |                   |                   |                   |                   |

# Certified Innovation Patents

## Name Index

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

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|                                                                                                        |                                                                   |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| (71) Apple Inc.                                                                                        | (71) Telebrands Corp.                                             |
| (11) AU-B-2016100367                                                                                   | (11) AU-B-2016100289                                              |
| (21) 2016100367                                                                                        | (21) 2016100289                                                   |
| (22) 04.04.2016                                                                                        | (22) 17.03.2016                                                   |
| (54) User interface for payments                                                                       | (54) System, device and method for filling at least one container |
| (51) Int. Cl.                                                                                          | (51) Int. Cl.                                                     |
| G06Q 20/36 ( 2012.01 )                                                                                 | B65B 3/17 ( 2006.01 )                                             |
| G06Q 20/30 ( 2012.01 )                                                                                 | B65B 3/04 ( 2006.01 )                                             |
| G06Q 20/32 ( 2012.01 )                                                                                 | (31) 62/182,122                                                   |
| H04B 5/00 ( 2006.01 )                                                                                  | (32) 19.06.15 (33) US                                             |
| (45) 24.11.2016                                                                                        | 62/254,487 12.11.15 US                                            |
| (62) 2015100708                                                                                        | 14/997,230 15.01.16 US                                            |
| (72) VAN OS, Marcel; DICKER, George R.; STEELE, Glen; YANG, Lawrence; CARO, Pablo F.; PITSCHEL, Donald | (45) 24.11.2016                                                   |
| (74) FPA Patent Attorneys Pty Ltd                                                                      | (72) KHUBANI, Ajit; LEONARD, Cara                                 |

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|                                      |
|--------------------------------------|
| (71) Bend-tech Investments 1 Pty Ltd |
| (11) AU-B-2014100667                 |
| (21) 2014100667                      |
| (22) 18.06.2014                      |
| (54) Handrail Hinge                  |
| (51) Int. Cl.                        |
| E04F 11/18 ( 2006.01 )               |
| (45) 24.11.2016                      |
| (72) Lapchev, Maria                  |
| (74) Armour IP                       |

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|                                                        |
|--------------------------------------------------------|
| (71) ICON Engineering Pty Ltd                          |
| (11) AU-B-2015100332                                   |
| (21) 2015100332                                        |
| (22) 16.03.2015                                        |
| (54) RISER TENSION PROTECTOR AND METHOD OF USE THEREOF |
| (51) Int. Cl.                                          |
| E21B 17/10 ( 2006.01 )                                 |
| E21B 15/02 ( 2006.01 )                                 |
| E21B 17/01 ( 2006.01 )                                 |
| E21B 19/00 ( 2006.01 )                                 |
| (45) 24.11.2016                                        |
| (62) 2014221195                                        |
| (72) Plain, Steven                                     |
| (74) Griffith Hack                                     |

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|                                                                                                |
|------------------------------------------------------------------------------------------------|
| (71) Kymab Limited                                                                             |
| (11) AU-B-2016101604                                                                           |
| (21) 2016101604                                                                                |
| (22) 12.09.2016                                                                                |
| (54) Fertile transgenic animals useful for producing antibodies bearing human variable regions |
| (51) Int. Cl.                                                                                  |
| C12N 15/13 ( 2006.01 )                                                                         |
| A01K 67/027 ( 2006.01 )                                                                        |
| C07K 16/00 ( 2006.01 )                                                                         |
| C12N 9/64 ( 2006.01 )                                                                          |
| C12N 15/85 ( 2006.01 )                                                                         |
| (45) 24.11.2016                                                                                |
| (62) 2012343587                                                                                |
| (72) FRIEDRICH, Glenn A.; LEE, E-Chiang                                                        |
| (74) Griffith Hack                                                                             |

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**Numerical Index**

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| <b>2014100667</b> | Bend-tech Investments 1 Pty Ltd |
| <b>2015100332</b> | ICON Engineering Pty Ltd        |
| <b>2016100289</b> | Telebrands Corp.                |
| <b>2016100367</b> | Apple Inc.                      |
| <b>2016101604</b> | Kymab Limited                   |

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**E21B 17 /-**

2015100332

**E21B 19 /-**

2015100332

**G06Q 20 /-**

2016100367

**H04B 5 /-**

2016100367

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

|            |                                                           |
|------------|-----------------------------------------------------------|
| 2010312238 | <b>Acasti Pharma, Inc.</b> ( Enzymotec Ltd. )             |
| 2011200416 | <b>HBG IP Holding Pty Ltd</b> ( Dorel Australia Pty Ltd ) |
| 2013203685 | <b>Amgen Inc.</b> ( Sanofi )                              |
| 2013203689 | <b>Amgen Inc.</b> ( Sanofi )                              |

**Opposition Withdrawn**

|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
| 2013204297 | <b>Guttering No Brackets Pty Ltd; Higgins, I.</b> ( Australi-an Steel Institute ) |
| 2013204502 | <b>Source Science and Technology Pty Ltd</b> ( Australian Pork Limited )          |

**Patents Granted****Standard Patents**

|            |            |            |            |
|------------|------------|------------|------------|
| 2007222896 | 2009206182 | 2009230824 | 2009291570 |
| 2009292722 | 2009298104 | 2009302117 | 2009311588 |
| 2009313243 | 2009322285 | 2009322441 | 2009324296 |
| 2009329819 | 2009329970 | 2009330727 | 2009342098 |
| 2009355699 | 2010200966 | 2010202068 | 2010204276 |
| 2010205521 | 2010210403 | 2010210810 | 2010212015 |
| 2010217638 | 2010219430 | 2010221182 | 2010224693 |
| 2010225199 | 2010233526 | 2010234238 | 2010234689 |
| 2010242873 | 2010244930 | 2010249033 | 2010252559 |
| 2010253968 | 2010269171 | 2010269202 | 2010270425 |
| 2010271582 | 2010278793 | 2010280684 | 2010282933 |
| 2010286900 | 2010292916 | 2010295690 | 2010299607 |
| 2010303017 | 2010303159 | 2010318657 | 2010322941 |
| 2010339720 | 2010340333 | 2010352843 | 2010364324 |
| 2010364711 | 2010365029 | 2010366642 | 2011200143 |
| 2011200608 | 2011201828 | 2011205296 | 2011206942 |
| 2011213802 | 2011217307 | 2011218668 | 2011223748 |
| 2011224128 | 2011225897 | 2011236610 | 2011240752 |
| 2011244192 | 2011244406 | 2011245033 | 2011249708 |
| 2011250625 | 2011250726 | 2011251944 | 2011258892 |
| 2011263481 | 2011265552 | 2011267724 | 2011267872 |
| 2011269845 | 2011282439 | 2011284566 | 2011288147 |
| 2011291477 | 2011291506 | 2011293106 | 2011306381 |
| 2011312203 | 2011315181 | 2011317198 | 2011320939 |
| 2011327131 | 2011329668 | 2011329669 | 2011330891 |
| 2011331247 | 2011338573 | 2011340433 | 2011344028 |
| 2011347178 | 2011347326 | 2011348045 | 2011349876 |
| 2011350307 | 2011354723 | 2011354726 | 2011360938 |
| 2011366189 | 2011370282 | 2011372813 | 2011380929 |
| 2012200427 | 2012202699 | 2012205681 | 2012205685 |
| 2012206485 | 2012207357 | 2012207471 | 2012208837 |
| 2012208863 | 2012209032 | 2012212079 | 2012213735 |
| 2012214132 | 2012214544 | 2012215497 | 2012215805 |
| 2012216566 | 2012216841 | 2012217170 | 2012218215 |
| 2012219537 | 2012220834 | 2012221173 | 2012221746 |
| 2012222624 | 2012228190 | 2012228205 | 2012228363 |
| 2012229023 | 2012229451 | 2012231116 | 2012234910 |
| 2012236994 | 2012237067 | 2012240219 | 2012241170 |
| 2012241771 | 2012242352 | 2012242502 | 2012247117 |
| 2012247467 | 2012249899 | 2012250238 | 2012251584 |
| 2012253880 | 2012254102 | 2012257599 | 2012257774 |
| 2012259127 | 2012261477 | 2012262021 | 2012262632 |
| 2012264606 | 2012264765 | 2012264793 | 2012270369 |
| 2012272748 | 2012274080 | 2012278973 | 2012280206 |
| 2012281918 | 2012289429 | 2012289817 | 2012291228 |
| 2012298234 | 2012298813 | 2012300520 | 2012301481 |

**Patents Granted****Standard Patents**

|            |            |            |            |
|------------|------------|------------|------------|
| 2012302364 | 2012303738 | 2012304484 | 2012304700 |
| 2012306132 | 2012308416 | 2012312480 | 2012314124 |
| 2012315616 | 2012319549 | 2012320231 | 2012320243 |
| 2012320414 | 2012321480 | 2012327210 | 2012327930 |
| 2012329618 | 2012341130 | 2012345518 | 2012345720 |
| 2012346621 | 2012346662 | 2012347820 | 2012348327 |
| 2012353686 | 2012358046 | 2012359059 | 2012361027 |
| 2012369954 | 2012375161 | 2012384311 | 2012396668 |
| 2012397348 | 2013200425 | 2013200644 | 2013201865 |
| 2013202247 | 2013202548 | 2013203061 | 2013203433 |
| 2013203476 | 2013203557 | 2013203808 | 2013204965 |
| 2013205090 | 2013205183 | 2013209428 | 2013209556 |
| 2013210968 | 2013211779 | 2013211937 | 2013216595 |
| 2013217282 | 2013218042 | 2013218112 | 2013219206 |
| 2013221860 | 2013222251 | 2013232166 | 2013233211 |
| 2013234534 | 2013236602 | 2013239531 | 2013243998 |
| 2013245998 | 2013249981 | 2013249982 | 2013250883 |
| 2013252696 | 2013255050 | 2013255554 | 2013256091 |
| 2013256347 | 2013259556 | 2013260075 | 2013260079 |
| 2013262354 | 2013263189 | 2013263249 | 2013263841 |
| 2013265155 | 2013265207 | 2013265348 | 2013269140 |
| 2013269429 | 2013271771 | 2013272258 | 2013274972 |
| 2013276581 | 2013276735 | 2013283057 | 2013286544 |
| 2013291723 | 2013291725 | 2013292107 | 2013292346 |
| 2013295002 | 2013295796 | 2013296619 | 2013296744 |
| 2013297330 | 2013301544 | 2013303256 | 2013305618 |
| 2013305683 | 2013307767 | 2013308930 | 2013309120 |
| 2013309363 | 2013311891 | 2013312427 | 2013315753 |
| 2013316684 | 2013318779 | 2013321072 | 2013321211 |
| 2013321956 | 2013323856 | 2013326774 | 2013328901 |
| 2013331142 | 2013337209 | 2013339041 | 2013339762 |
| 2013342504 | 2013344281 | 2013346797 | 2013347260 |
| 2013349289 | 2013352369 | 2013352462 | 2013353753 |
| 2013354842 | 2013354947 | 2013356422 | 2013361357 |
| 2013362400 | 2013362803 | 2013364289 | 2013366357 |
| 2013370768 | 2013371216 | 2013374450 | 2013376226 |
| 2013377914 | 2013378115 | 2013385753 | 2013390002 |
| 2013390839 | 2013392607 | 2013398367 | 2013404018 |
| 2014200084 | 2014200457 | 2014201591 | 2014201597 |
| 2014201943 | 2014202474 | 2014202943 | 2014203189 |
| 2014203515 | 2014203628 | 2014206213 | 2014207441 |
| 2014208211 | 2014208212 | 2014208306 | 2014209781 |
| 2014210284 | 2014215929 | 2014215961 | 2014216248 |
| 2014218434 | 2014218445 | 2014219129 | 2014223194 |
| 2014223616 | 2014227451 | 2014229283 | 2014229313 |
| 2014235024 | 2014241228 | 2014241787 | 2014241789 |
| 2014241831 | 2014243611 | 2014246133 | 2014246136 |
| 2014249158 | 2014250713 | 2014250878 | 2014253541 |
| 2014254376 | 2014256337 | 2014257556 | 2014259517 |
| 2014259559 | 2014259659 | 2014259934 | 2014260244 |
| 2014260672 | 2014262286 | 2014271347 | 2014271739 |
| 2014271765 | 2014273044 | 2014274303 | 2014274536 |
| 2014274540 | 2014277834 | 2014278645 | 2014280945 |
| 2014288257 | 2014290785 | 2014291909 | 2014291910 |
| 2014294733 | 2014295538 | 2014302576 | 2014302840 |
| 2014303900 | 2014307023 | 2014308405 | 2014310784 |
| 2014311599 | 2014313946 | 2014316433 | 2014317957 |
| 2014321175 | 2014328077 | 2014330750 | 2014334203 |
| 2014357218 | 2014362598 | 2014362599 | 2014366126 |
| 2015200016 | 2015200155 | 2015200458 | 2015200699 |
| 2015200701 | 2015200857 | 2015201779 | 2015201780 |
| 2015201782 | 2015201886 | 2015202084 | 2015202215 |
| 2015202816 | 2015202870 | 2015203094 | 2015203316 |
| 2015203324 | 2015203351 | 2015203536 | 2015203686 |
| 2015204383 | 2015205852 | 2015205886 | 2015205914 |
| 2015205937 | 2015206800 | 2015207953 | 2015213342 |
| 2015218181 | 2015230719 | 2015234286 | 2015234359 |
| 2015234392 | 2015238874 | 2015238889 | 2015243055 |
| 2015252128 | 2015255284 | 2015261576 | 2016200075 |

## Patents Granted

### Standard Patents

2016203860

### Innovation Patents

|            |            |            |            |
|------------|------------|------------|------------|
| 2010101544 | 2012101971 | 2016101564 | 2016101704 |
| 2016101758 | 2016101773 | 2016101795 | 2016101847 |
| 2016101864 | 2016101866 | 2016101867 | 2016101870 |
| 2016101873 | 2016101874 | 2016101878 | 2016101879 |
| 2016101881 | 2016101886 | 2016101887 | 2016101888 |
| 2016101890 | 2016101891 | 2016101892 | 2016101895 |
| 2016101896 | 2016101897 | 2016101898 | 2016101899 |
| 2016101911 | 2016101914 | 2016101915 | 2016101917 |
| 2016101919 | 2016101921 | 2016101923 | 2016101927 |
| 2016101928 | 2016101929 | 2016101931 |            |

## Assignments Registered

2002330191 Baxalta GmbH; Baxalta Incorporated The patent has been assigned to **Baxter International Inc.**

2002349111 Tennant N.V. The patent has been assigned to **Green Machines International GmbH**

2003252718 Panasonic Intellectual Property Corporation of America The patent has been assigned to **Panasonic Corporation**

2004219896 Tennant N.V. The patent has been assigned to **Green Machines International GmbH**

2005260236 Pentair Flow Control Pacific Pty Ltd The patent has been assigned to **Pentair Flow Control AG**

2005274927 Albany Molecular Research, Inc.; Bristol-Myers Squibb Company The patent has been assigned to **Albany Molecular Research, Inc.**

2005313181 Tennant N.V. The patent has been assigned to **Green Machines International GmbH**

2006214859 Koninklijke Philips Electronics N.V. The patent has been assigned to **Philips Lighting Holding B.V.**

2006270071 Bristol-Myers Squibb Company; Albany Molecular Research, Inc. The patent has been assigned to **Albany Molecular Research, Inc.**

2006298434 Weissman, Roni The patent has been assigned to **Weissman, Jeremy**

2006299273 Panasonic Corporation The patent has been assigned to **Optis Wireless Technology, LLC**

2008202281 Arkcoll, Ronald; Arkcoll, Peter The patent has been assigned to **CSR Structural Systems Pty Ltd**

2008320275 Panasonic Intellectual Property Corporation of America The patent has been assigned to **Panasonic Corporation**

2008340731 Panasonic Corporation The patent has been assigned to **Optis Wireless Technology, LLC**

2009202032 Earlogic Korea Inc. The patent has been assigned to **The Good Ear Company, Inc.**

2009208525 Panasonic Corporation The patent has been assigned to **Optis Wireless Technology, LLC**

2009259360 Tennant N.V. The patent has been assigned to **Green Machines International GmbH**

2009327192 Tennant N.V. The patent has been assigned to **Green Machines International GmbH**

## Assignments Registered

2010202924 Adahan, Carmeli The patent has been assigned to **M.E.A.C. Engineering Ltd.**

2010206281 Lubrizol Oilfield Solutions, Inc. The patent has been assigned to **Weatherford Technology Holdings, LLC**

2010247735 Bristol-Myers Squibb Company The patent has been assigned to **Albany Molecular Research, Inc.**

2010254264 Pacific Bioscience Laboratories, Inc. The patent has been assigned to **L'OREAL**

2010254267 Pacific Bioscience Laboratories, Inc. The patent has been assigned to **L'OREAL**

2011200815 University of Western Australia The patent has been assigned to **Panorama Synergy Ltd**

2011201586 Panasonic Corporation The patent has been assigned to **Optis Wireless Technology, LLC**

2011247073 Hovione International Ltd. The patent has been assigned to **Hovione Technology Limited**

2011262498 Tyco Electronics Corporation The patent has been assigned to **CommScope Technologies LLC**

2011338938 Soulor Surgical Inc. The patent has been assigned to **SurgiGyn, Inc.**

2012202570 Bristol-Myers Squibb Company; Albany Molecular Research, Inc. The patent has been assigned to **Albany Molecular Research, Inc.**

2012203073 Panasonic Intellectual Property Corporation of America The patent has been assigned to **Panasonic Corporation**

2012296235 Eridania Sadam S.p.A. The patent has been assigned to **Naturalia Ingredients S.r.l.**

2012299360 L&P Property Management Company The patent has been assigned to **Gamber-Johnson LLC**

2013266997 Pentair Valves & Controls US LP The patent has been assigned to **Pentair Flow Control AG**

2013330403 Owl Manor Medical, LLC The patent has been assigned to **Hanuman Pelican, Inc.**

## 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.

2007308378 **Helsinn Healthcare S.A.**

The earliest first regulatory approval date provided by the patentee 06 May 2015

For the goods AKYNZEO netupitant/palonosetron (as hydrochloride)

2013201426 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 09 Jul 2013

For the goods KALDECO ivacaftor

### Applications Accepted

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

## Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

### Applications Accepted

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

2001238416 **Emory University**

The earliest first regulatory approval date provided by the patentee 29 Apr 2016

For the goods OBIZUR susoctocog alfa (bhk) antihemophilic factor (recombinant), porcine sequence

Address for service in Australia: FB Rice L 14 90 Collins St Melbourne VIC 3000

### Extensions granted

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

2004259638 **Genentech, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Jan 2015

For the goods COSENTYX secukinumab

Extension of Term of patent pursuant to Section 77 expires on 02 Jun 2029

## Corrigenda

In Vol 28 , No 9 , Page(s) 1237 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Optimedica Corporation, Application No. 2012325785, under INID (71) correct the applicant name to OptiMedica Corporation

In Vol 29 , No 17 , Page(s) 2529 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Procter & Gamble Company, Application No. 2013331240, under INID (72) correct the co-inventor to Nguyen, Lan Ngoc

In Vol 29 , No 4 , Page(s) 730 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Inventio Ag, Application No. 2013292128, under INID (71) correct the applicant name to Inventio AG

In Vol 29 , No 50 , Page(s) 7544 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2012** delete all reference to 2012203843

In Vol 30 , No 11 , Page(s) 1507 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Antel Aritma Tesisleri Insaat Sanayi ve Ticaret Anonim Sirketi, Application No. 2014319027, under INID (71) correct the applicant name to ANTEL Aritma Tesisleri Insaat Sanayi ve Ticaret Anonim Sirketi

In Vol 30 , No 39 , Page(s) 5755 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Biolab Sanus Farmaceutica Ltda, Application No. 2015221431, under INID (54) correct the title to read Novel 6,7-dihydro-3H-oxazolo[3,4-a]pyrazine-5,8-dione derivative compounds

In Vol 30 , No 42 , Page(s) 6120 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete al reference to 2015263858

## Corrigenda

In Vol 30 , No 42 , Page(s) 6197 under the heading **Applications Accepted - Name Index** Under the name Antel Aritma Tesisleri Insaat Sanayi ve Ticaret Anonim Sirketi, Application No. 2014319027, under INID (71) correct the applicant name to ANTEL Aritma Tesisleri Insaat Sanayi ve Ticaret Anonim Sirketi

In Vol 30 , No 42 , Page(s) 6223 under the heading **Applications Accepted - Name Index** Under the name Optimedica Corporation, Application No. 2012325785, under INID (71) correct the applicant name to OptiMedica Corporation

In Vol 30 , No 43 , Page(s) 6370 under the heading **Applications Accepted - Name Index** Under the name Inventio Ag, Application No. 2013292128, under INID (71) correct the applicant name to Inventio AG

In Vol 30 , No 44 , Page(s) 6545 under the heading **Applications Accepted - Name Index** Under the name The Procter & Gamble Company, Application No. 2013331240, under INID (72) correct the co-inventor to Nguyen, Lan Ngoc

In Vol 30 , No 45 , Page(s) 6690 under the heading **Applications Accepted - Name Index** Under the name NEC Platforms, Ltd., Application No. 2015254770, under INID (54) correct the title to read CALL CENTER TELEPHONE SYSTEM, PRIVACY CALL METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PRIVACY CALL PROGRAM

In Vol 30 , No 46 , Page(s) 6748 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2012** Delete all reference to 2012206952.

In Vol 30 , No 46 , Page(s) 6788 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Dow AgroSciences LLC, Application No. 2015252899, under INID (72) correct the co-inventor to Dave, Hiteshkumar

In Vol 30 , No 46 , Page(s) 6794 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huntsman P&A UK Limited, Application No. 2015263114, under INID (72) correct the co-inventor to Gibbons, Linda

In Vol 30 , No 46 , Page(s) 6795 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Incyte Corporation, Application No.2015249810, under INID (54) correct the title to read 1H-pyrrolo(2,3-c)pyridin-7(6H)-ones and pyrazolo(3,4-c)pyridin-7(6H)-ones as inhibitors of BET proteins

## Specifications Republished

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

|            |                                          |
|------------|------------------------------------------|
| 2010269074 | <b>Polymers CRC Limited</b>              |
| 2011310111 | <b>Neurovive Pharmaceutical AB</b>       |
| 2011310111 | <b>Neurovive Pharmaceutical AB</b>       |
| 2011325891 | <b>Niagara Bottling, LLC</b>             |
| 2012275336 | <b>Schneider Electric IT Corporation</b> |
| 2012275336 | <b>Schneider Electric IT Corporation</b> |
| 2012321116 | <b>Alcon Research, Ltd.</b>              |
| 2013202973 | <b>NOVARTIS AG</b>                       |
| 2013202973 | <b>NOVARTIS AG</b>                       |