



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) 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 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 from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

NOTE: Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
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> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)
<u>ITEM</u>	<u>INID</u> <u>No.</u>		
E) Patents Certified – Name Index			
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)₂, (51)₃, (51)₄ and (51)₅.
- (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) 16 May 2019

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Metso Sweden AB v Hofmann Engineering Pty Ltd 2019 APO 19

Patent Application:	2015203343
Title:	Edge Protection Assembly
Patent Applicant:	Hofmann Engineering Pty Ltd
Opponent:	Metso Sweden AB
Delegate:	Dr W.E. Guinea
Decision Date:	6 May 2019
Hearing Date:	6 February 2019, in Canberra
Catchwords:	PATENTS – s59 – novelty – inventive step – clarity – succinctness – some claims found to lack clarity – single claim lacks novelty – single claim lacks inventive step – no other claims lack novelty or inventive step – no lack of succinctness
Representation:	Patent attorney for the applicant: Wrays Pty Ltd Patent attorney for the opponent: Dr Jack King-Scott and Mr Wayne Slater of IP Gateway Patent and Trademark Attorneys Pty Ltd

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 16 May 2019

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Norbrook Laboratories Limited v Bayer New Zealand Limited [2019] APO 20

Patent Application:	2009304000
Title:	Anti-infective formulation and methods of use
Patent Applicant:	Bayer New Zealand Limited
Opponent:	Norbrook Laboratories Limited
Delegate:	Dr A. Lim
Decision Date:	7 May 2019
Hearing Date:	06 February 2019, in Canberra
Catchwords:	PATENTS – opposition under section 104 – allowability under subsection 102(1) and paragraph 102(2)(b) considered – opposition unsuccessful – amendment allowable – costs awarded against the opponent
Representation:	Counsel for the applicant: Mr Ian Finch from James & Wells Patent attorney for the applicant: Dr Andrew Scott from James & Wells Counsel for the opponent: Mr Clive Elliott, QC Patent attorney for the opponent: Ms Julie Ballance from In-Legal Limited

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Merial, Inc. v Bayer New Zealand Limited [2019] APO 21

Patent Application:	2009304000
Title:	Anti-infective formulation and methods of use
Patent Applicant:	Bayer New Zealand Limited
Opponent:	Merial, Inc.
Delegate:	Dr A. Lim
Decision Date:	7 May 2019
Hearing Date:	07 February 2019, in Canberra
Catchwords:	PATENTS – opposition under section 104 – allowability under paragraph 102(2)(b) considered – opposition unsuccessful – amendment allowable – costs awarded against the opponent
Representation:	Counsel for the applicant: Mr Ian Finch from James & Wells Patent attorney for the applicant: Dr Andrew Scott from James & Wells Counsel for the opponent: Mr Christian Dimitriadis, SC and Ms Clare Cunliffe Patent attorney for the opponent: Dr Marcus Caulfield from FB Rice

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 30 Apr 2019 .

(71) Aegros Pty Ltd (21) 2019901497 (22) 02.05.2019 (54) Membrane ElectroSeparation from plasma	(71) Attard Engineering (21) 2019901466 (22) 30.04.2019 (54) Coffee tamping apparatus	(71) Burgis, W.; Burgis, A.; Vo, T.T.T. (21) 2019901426 (22) 27.04.2019 (54) TOILET HYGIENE APPARATUS
(71) AERO CHAMBER PTY LTD (21) 2019901464 (22) 30.04.2019 (54) Improvements in composting Supplying ambient levels of oxygen levels to the composting pile	(71) Australian Hearing Services (21) 2019901407 (22) 26.04.2019 (54) Speech Discrimination Test System and Device	Burgis, A. see Burgis, W. (21) 2019901460
(71) AIRSEED TECHNOLOGIES HOLDINGS PTY LTD (21) 2019901422 (22) 26.04.2019 (54) A MANUFACTURED SEED POD, A COMPOSITION FOR A MANUFACTURED SEED POD AND A METHOD FOR MANUFACTURING A SEED POD	(71) Axis Innovation Pty Ltd (21) 2019901404 (22) 24.04.2019 (54) HEAT GENERATING COMPOSITIONS	(71) Burgis, W.; Vo, T.; Burgis, A. (21) 2019901460 (22) 30.04.2019 (54) A MARKING INSTRUMENT AND A COMPOSITION FOR TOILET HYGIENE
(71) Allen, G. (21) 2019901417 (22) 26.04.2019 (54) Impact absorbing seat mount	(71) Azuma Design Pty Limited (21) 2019901456 (22) 30.04.2019 (54) A window operator assembly	(71) CALPAIN THERAPEUTICS PTY LTD (21) 2019901455 (22) 30.04.2019 (54) METHODS AND COMPOSITIONS FOR PREVENTING AND/OR TREATING CATARACTS
(71) Amcor Flexibles (Australia) Pty Limited (21) 2019901468 (22) 30.04.2019 (54) MULTILAYER STRUCTURE FOR PACKAGING	(71) Belding, R. (21) 2019901425 (22) 27.04.2019 (54) A Boat, Vessel or Marine Structure Anchoring Aid	(71) Candy, K. (21) 2019901333 (22) 17.04.2019 (54) Pacemaker Device with Electromagnetic Switch
(71) Andrews, S. (21) 2019901494 (22) 02.05.2019 (54) Vehicle Key Safe	(71) Boyd, N. (21) 2019901446 (22) 29.04.2019 (54) Improved Electric Fence Monitoring and Fault Detection	(71) Candy, K. (21) 2019901427 (22) 28.04.2019 (54) selective remote auto selects programmes for channels or movies after the user enters their selective fields of interest, the user is then updated with programmes within their personal selection
(71) Armitt, B. (21) 2019901472 (22) 01.05.2019 (54) Power generation	(71) Brett, J. (21) 2019901405 (22) 24.04.2019 (54) IMPROVED VIDEO-BASED REAR-VIEW MIRROR SYSTEM FOR VEHICLES INCLUDING MOTORCYCLES	(71) Cannadol Pharmaceuticals (21) 2019901486 (22) 01.05.2019 (54) Compositions and Methods for Pain and Anxiety Relief
(71) ATCO Structures & Logistics Pty Ltd (21) 2019901506 (22) 02.05.2019 (54) Support Frame System	Bruvel, M. see LATERAL INDUSTRIES PTY. LTD. (21) 2019901424	(71) Cedar Meats Australia (21) 2019901461 (22) 30.04.2019 (54) An Inventory Verification and Tracking System
	Burgis, A. see Burgis, W. (21) 2019901426	

Provisional Applications Filed - Name Index cont'd

(71) Christensen, M.
(21) 2019901406 (22) 25.04.2019
(54) Native Bee Satellite Hive

(71) Clearview Property Management Pty Ltd
(21) 2019901440 (22) 29.04.2019
(54) PRESSURE EQUALISING DEVICE

(71) Coley, A.
(21) 2019901479 (22) 01.05.2019
(54) A portable kettle bell

(71) COLLIER, P.
(21) 2019901423 (22) 27.04.2019
(54) WALL STRUCTURE AND METHOD OF ASSEMBLY THEREOF.

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2019901483 (22) 01.05.2019
(54) IMMUNOSENSOR

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2019901492 (22) 02.05.2019
(54) INSPECTION VEHICLE

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2019901496 (22) 02.05.2019
(54) Process for regenerating a liquid absorbent

(71) Creagh, M.
(21) 2019901511 (22) 03.05.2019
(54) Tri-tilt Rotor Drone with Armament

(71) Critus Pty Ltd
(21) 2019901504 (22) 02.05.2019
(54) Thin film X-ray diffraction sample cell device and method

(71) Davidson, N.
(21) 2019901491 (22) 02.05.2019
(54) Safety Ride System with Tracking and Zonal Speed Control

(71) De Barros, E.
(21) 2019901495 (22) 02.05.2019
(54) Strap Winder

(71) Delta Site Solutions Pty Ltd
(21) 2019901450 (22) 29.04.2019
(54) A controlled mobile workshop

(71) de Saldanha, D.; Leong, M.S.I.
(21) 2019901436 (22) 29.04.2019
(54) Devices, systems and methodologies configured to provide a control and interaction method and system for mobile devices

(71) Donaldson, J.
(21) 2019901458 (22) 30.04.2019
(54) METHOD AND APPARATUS FOR PROVISION OF MOVING VEHICLE SIMULATION FOR PASSENGERS

(71) Drysdale, K.
(21) 2019901462 (22) 30.04.2019
(54) Heat Coupler

(71) EnerMech Pty Ltd
(21) 2019901403 (22) 24.04.2019
(54) Decontamination Process

(71) Erskine Holdco Pty Ltd
(21) 2019901481 (22) 01.05.2019
(54) An orthodontic anchorage device

(71) FCI Holdings Delaware, Inc.
(21) 2019901418 (22) 26.04.2019
(54) END FITTING FOR A CABLE BOLT ASSEMBLY

(71) Goldie, K.
(21) 2019901510 (22) 03.05.2019
(54) Crab Net

(71) Grand Performance Online Pty Ltd
(21) 2019901431 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD SYSTEM AND COMPUTER PROGRAM FOR GENERATING A DYNAMIC USER INTERFACE FOR USE BY A USER IN THE ALLOCATION OF A SPACE, FURNITURE, EQUIPMENT OR SERVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901432 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR MONITORING A PLURALITY OF GAMING MACHINES AND OTHER GAMES OF CHANCE, AND PROVIDING A BOOKING AND MONITORING SERVICE FOR GAMING ENTHUSIASTS AND GAMING VENUES

(71) Grand Performance Online Pty Ltd
(21) 2019901433 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR DYNAMICALLY ALTERING CONSTRAINTS UTILISED IN THE

MANAGEMENT OF A SPACE, FURNITURE, EQUIPMENT OR SERVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901434 (22) 29.04.2019
(54) AN AUTONOMOUS, INTEGRATED COMPUTER-ENABLED METHOD, SYSTEM, AND COMPUTER PROGRAM UTILISING AN ARTIFICIAL INTELLIGENCE ENGINE FOR DYNAMIC ALLOCATION AND OPTIMISATION OF SPACE, FURNITURE, EQUIPMENT AND/OR SERVICES

(71) Grand Performance Online Pty Ltd
(21) 2019901435 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR MANAGING THE EXCHANGE BETWEEN THIRD PARTIES OF SERVICE CONTRACTS FOR THE PROVISION OF A RESTAURANT BOOKING OR OTHER ANALOGOUS SERVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901437 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR PROVIDING AN INTUITIVE USER INTERFACE ARRANGED TO CREATE A DYNAMIC FLOOR PLAN UTILISABLE BY AN ALLOCATION ALGORITHM TO PERFORM THE TASK OF ORGANISING AND OPERATING A PROVISION OF A SERVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901438 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR THE MANAGEMENT OF A MULTI STAGE TRANSACTION INCLUDING MANAGEMENT OF A BOOKING AND SERVICE DELIVERY PROCESS

(71) Grand Performance Online Pty Ltd
(21) 2019901439 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER PROGRAM FOR PROVIDING AN INTUITIVE USER INTERFACE AND ALGORITHM ARRANGED TO CREATE A DYNAMIC ROSTER UTILISING AN ALLOCATION ALGORITHM TO PERFORM THE TASK OF THE ALLOCATION OF STAFF TO TASKS IN A WORKPLACE

(71) Grand Performance Online Pty Ltd
(21) 2019901443 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD, SYSTEM AND COMPUTER

Provisional Applications Filed - Name Index cont'd

PROGRAM FOR AUTONOMOUSLY
ALLOCATING AND MANAGING A
SPACE, FURNITURE, EQUIPMENT
AND/OR A SERVICE VIA AN ELEC-
TRONIC DEVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901444 (22) 29.04.2019
(54) A COMPUTER-ENABLED METH-
OD, SYSTEM AND COMPUTER
PROGRAM FOR PROVIDING AN
INTUITIVE USER INTERFACE AR-
RANGED TO CREATE A DYNAMIC
FLOOR PLAN UTILISABLE BY AN
ALLOCATION ALGORITHM TO PER-
FORM THE TASK OF ALLOCATING
A SPACE, FURNITURE, EQUIPMENT
OR SERVICE

(71) Grand Performance Online Pty Ltd
(21) 2019901448 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD,
SYSTEM AND COMPUTER PRO-
GRAM FOR PROVIDING AN INTUIT-
IVE USER INTERFACE ARRANGED
TO CREATE A DYNAMIC PRODUCT
LIST INTEGRABLE INTO A SERVICE
PROVISION PROCESS TO PERFORM
THE TASK OF DELIVERING A COM-
PLEX SERVICE AND MANAGING AN
ASSOCIATED TRANSACTION

(71) Grand Performance Online Pty Ltd
(21) 2019901451 (22) 29.04.2019
(54) A COMPUTER-ENABLED METHOD,
SYSTEM AND COMPUTER PRO-
GRAM FOR PROVIDING AN INTUIT-
IVE USER INTERFACE ARRANGED
TO CREATE A DYNAMIC FLOOR
PLAN UTILISABLE BY AN ALLOC-
ATION ALGORITHM TO PERFORM
THE TASK OF MANAGING A FUNC-
TION OR EVENT

(71) Harvey, G.
(21) 2019901476 (22) 01.05.2019
(54) Handheld scalp physiotherapy devices
for hair follicle growth stimulation

(71) Hunter H2O Holdings Pty Limited
(21) 2019901413 (22) 26.04.2019
(54) RAW WATER PURIFICATION

(71) IDIM Pty Ltd
(21) 2019901454 (22) 30.04.2019
(54) Tool holder assembly

(71) JAF Apps Pty Ltd
(21) 2019901412 (22) 26.04.2019
(54) LOCATION-BASED SYSTEM FOR
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(71) Kijashka, E.
(21) 2019901493 (22) 02.05.2019
(54) Improved Traffic Light Assembly

(71) Lafont, D.
(21) 2019901430 (22) 28.04.2019
(54) Ultra Sync connects sport fans glob-
ally and displays collective heart co-
herence that we call sync. Heart coher-
ence is calculated from the heart rate
variability (HRV) measured via mobile
phone camera. The individual heart co-
herence signals are added then aver-
aged to give the collective heart coher-
ence that we call ultra sync. This col-
lective heart coherence signal can be
displayed either on large screen, or
via change in brightness, light or col-
ours. The collective coherence is also
displayed on the screen of the smart-
phones.

(71) Iarkin, b.
(21) 2019901457 (22) 30.04.2019
(54) FAN FORCED COOLER

(71) Iarkin, b.
(21) 2019901509 (22) 03.05.2019
(54) NON STICK FOIL AND LAYERED
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(71) LATERAL INDUSTRIES PTY. LTD.;
Bruvel, M.
(21) 2019901424 (22) 27.04.2019
(54) A control system and method for con-
trolling the temperature of a body of wa-
ter

(71) Laws, J.
(21) 2019901478 (22) 01.05.2019
(54) Whistle

(71) Lawson, P.
(21) 2019901415 (22) 26.04.2019
(54) A building panel

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(21) 2019901436

(71) Mathur, R.
(21) 2019901428 (22) 28.04.2019
(54) TEACHING METHOD AND SYSTEM

(71) McCarthy, P.
(21) 2019901474 (22) 01.05.2019
(54) Bin Carting Aid

(71) Monash University
(21) 2019901498 (22) 02.05.2019
(54) ORIENTATION INSENSITIVE CHIP-
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(71) Moran, R.
(21) 2019901469 (22) 30.04.2019
(54) ROCK WALKER ARTICULATED
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(71) Murdoch University
(21) 2019901485 (22) 01.05.2019
(54) Treatment For SOD1 Associated Dis-
ease

(71) Neal, A.
(21) 2019901429 (22) 28.04.2019
(54) Rubicon: Super Recursive Network
Data Signal Compression having In-
trinsic Error-Correction, XOR Encryp-
tion and Sender-Authentication Proper-
ties

(71) Neumann, B.
(21) 2019901488 (22) 01.05.2019
(54) Screen Shield Assembly

(71) NewSouth Innovations Pty Limited
(21) 2019901402 (22) 24.04.2019
(54) BUILDING INTEGRATED PHOTOVOL-
TAIC WINDOW

(71) NewSouth Innovations Pty Limited
(21) 2019901449 (22) 29.04.2019
(54) EDGE PASSIVATION OF SHINGLED
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(71) NewSouth Innovations Pty Limited
(21) 2019901501 (22) 02.05.2019
(54) A Method of Forming a Device Struc-
ture

(71) NewSouth Innovations Pty Limited
(21) 2019901505 (22) 02.05.2019
(54) A Structured Connector for Intercon-
necting Device Components

(71) Northey, T.
(21) 2019901482 (22) 01.05.2019
(54) Wheel rack assembly

(71) Peovitis, T.
(21) 2019901487 (22) 01.05.2019
(54) Post grasping means

(71) Pettersen, P.
(21) 2019901420 (22) 26.04.2019
(54) Vehicle proximity detection system

(71) Peyton, J.
(21) 2019901452 (22) 29.04.2019
(54) Vacuum breaking device

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(71) PRICE, L.
(21) 2019901463 (22) 30.04.2019
(54) WAX DISPENSING MACHINE AND METHOD OF USE THEREOF

(71) Pro9 Global Limited
(21) 2019901477 (22) 01.05.2019
(54) METHOD AND APPARATUS FOR MANUFACTURING AN INSULATED PANEL

(71) ProteC Plus Pty Ltd
(21) 2019901445 (22) 29.04.2019
(54) A connector

(71) Q4Biz Pty Ltd
(21) 2019901475 (22) 01.05.2019
(54) Improvements in electronic tenant database directory systems

(71) Raufi, A.
(21) 2019901480 (22) 01.05.2019
(54) Social Market - Combined social and e-shopping platform

(71) RESMED LIMITED
(21) 2019901502 (22) 02.05.2019
(54) Component identification for respiratory therapy systems by acoustic means

(71) ResMed Pty Ltd
(21) 2019901459 (22) 30.04.2019
(54) Headgear for a Patient Interface

(71) Richards, G.
(21) 2019901441 (22) 29.04.2019
(54) Personal Item Security for Shopping Trolleys

(71) Rickets to Pickets Pty Ltd
(21) 2019901421 (22) 26.04.2019
(54) A fence post

(71) Sanatus Medical Pty Ltd
(21) 2019901414 (22) 26.04.2019
(54) Surgical device

(71) Sapphire Sail Pty Ltd
(21) 2019901453 (22) 30.04.2019
(54) Improvements in Portable Barbeques and Pizza Ovens

(71) Skedulo Pty Ltd
(21) 2019901467 (22) 30.04.2019
(54) A system and method for optimal resource allocation

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(21) 2019901401

(71) Stramit Corporation Pty Limited
(21) 2019901442 (22) 29.04.2019
(54) A CLADDING SHEET AND A RETAINING CLIP FOR USE IN CONCEALED SECUREMENT OF SAID CLADDING SHEET TO A SUPPORT STRUCTURE

(71) The University of Adelaide; South Australian Water Corporation
(21) 2019901401 (22) 24.04.2019
(54) DETECTION OF STRUCTURAL ANOMALIES IN A PIPELINE NETWORK

(71) THE UNIVERSITY OF MELBOURNE
(21) 2019901484 (22) 01.05.2019
(54) EVANESCENT FIELD RESONANCE IMAGING MICROSCOPY APPARATUS AND METHOD

(71) The University of Newcastle; TS Global Pty Limited
(21) 2019901411 (22) 26.04.2019
(54) Clamp, System and Method for measuring Tension in a Conveyor Belt

(71) The University of Queensland
(21) 2019901473 (22) 01.05.2019
(54) A SYSTEM, METHOD AND DEVICE FOR DETERMINING CONDITIONS OF A BOLEHOLE

(71) The University of Sydney
(21) 2019901416 (22) 26.04.2019
(54) An improved hardware primitive for implementations of Deep Neural Networks

(71) The University of Sydney
(21) 2019901500 (22) 02.05.2019
(54) Peptide Derivatives and Conjugates Thereof for Treating Cancer

(71) TLLC IP Pty Ltd ATF TLLC IP Trust
(21) 2019901471 (22) 01.05.2019
(54) Mattress Protector

(71) TMA Capital Australia Pty Ltd
(21) 2019901499 (22) 02.05.2019
(54) Thermal media

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(21) 2019901411

(71) Uniquem Inc.
(21) 2019901465 (22) 30.04.2019
(54) Compositions and methods

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(71) Wideform Pty Ltd
(21) 2019901447 (22) 29.04.2019
(54) PROP HEAD FOR FORMWORK AND METHOD OF USING SAME

(71) Willow Technology Corporation Pty Ltd
(21) 2019901507 (22) 03.05.2019
(54) COMPUTER IMPLEMENTED TECHNOLOGY CONFIGURED TO PROVIDE DATA FLOW MANAGEMENT FOR DEFINING OF DIGITAL RECORDS REPRESENTING BUILDING INFRASTRUCTURE BASED ON BUILDING INFORMATION MODELLING DATA

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Applications listed below were processed through the Patent Office Canberra during the period ending 30 Apr 2019 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 8 Rivers Capital, LLC (21) 2019203032 (22) 30.04.2019 (54) Control systems and methods suitable for use with power production systems and methods (62) 2015346433	(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019202965 (22) 29.04.2019 (54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM (62) 2017252021	(54) A METHOD OF GAMING, A GAME CONTROLLER, A GAMING DEVICE AND A GAMING SYSTEM (62) 2017200634
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(71) Accenture Global Solutions Limited (21) 2019202916 (22) 26.04.2019 (54) QUANTUM COMPUTING IMPROVEMENTS TO TRANSPORTATION (62) 2018201947	(71) AKER Biomarine Antarctic AS (21) 2019202956 (22) 27.04.2019 (54) BIO EFFECTIVE KRILL OIL COMPOSITIONS (62) 2017201340	(71) Aristocrat Technologies Australia Pty Limited (21) 2019202942 (22) 26.04.2019 (54) SECURE BOOTLOADER FOR ELECTRONIC GAMING MACHINES AND OTHER COMPUTING DEVICES (31) 16/361,126 (32) 21.03.19 (33) US
(71) Acerus Pharmaceuticals SRL (21) 2019203066 (22) 30.04.2019 (54) INTRANASAL LOWER DOSAGE STRENGTH TESTOSTERONE GEL FORMULATIONS AND USE THEREOF FOR TREATING ANORGASMIA OR HYPOACTIVE SEXUAL DESIRE DISORDER (62) 2017204184	(71) Allergan, Inc. (21) 2019203051 (22) 30.04.2019 (54) Suspensions of cyclosporin A Form 2 (62) 2017235927	(71) Aristocrat Technologies Australia Pty Limited (21) 2019202954 (22) 26.04.2019 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2017203788
(71) Acerus Pharmaceuticals SRL (21) 2019203067 (22) 30.04.2019 (54) CONTROLLED RELEASE NASAL TESTOSTERONE GELS, METHODS AND PRE-FILLED MULTI-DOSE APPLICATOR SYSTEMS FOR PERNASAL ADMINISTRATION (62) 2017204182	(71) Allergan, Inc. (21) 2019203069 (22) 01.05.2019 (54) Two part formulation system for ophthalmic delivery (62) 2017251720	(71) Aristocrat Technologies Australia Pty Limited (21) 2019203011 (22) 30.04.2019 (54) Gaming machine and gaming process including further game symbols (62) 2017202296
(71) ACO Pty Ltd (21) 2019203012 (22) 30.04.2019 (54) A Light Weight Lid Arrangement for a Manhole or Pit (31) 2018901469 (32) 02.05.18 (33) AU	(71) Allis Technology Pty Ltd (21) 2019203035 (22) 30.04.2019 (54) A monitoring system responsive to multi-functional validation (31) 2018901422 (32) 30.04.18 (33) AU	(71) Aristocrat Technologies Australia Pty Limited (21) 2019203022 (22) 30.04.2019 (54) ELECTRONIC GAMING MACHINES WITH OUT-OF-PROCESS RENDERING (31) 16/362,425 (32) 22.03.19 (33) US
(71) Adamis Pharmaceuticals Corporation (21) 2019202893 (22) 24.04.2019 (54) Powder mixing apparatus and method of use (62) 2016331784	(71) Altech Chemicals Australia Pty Ltd (21) 2019202993 (22) 29.04.2019 (54) A Method for the Preparation of Smelter Grade Alumina (62) 2018233001	(71) Aristocrat Technologies Australia Pty Limited (21) 2019203024 (22) 30.04.2019 (54) COMPOSITE METERS FOR ELECTRONIC GAMING MACHINES (31) 16/290,639 (32) 01.03.19 (33) US
	(71) Apple Inc. (21) 2019202866 (22) 24.04.2019 (54) Case with inductive charging system to charge a portable device (62) 2019200417	(71) ASCEM B.V. (21) 2019202929 (22) 26.04.2019

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(54) Cement compound and a method for the production thereof
(62) 2015268986

Avery Dennison Materials Belgium SPRL
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(21) 2019202920

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(21) 2019202888

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(21) 2019202970

(71) Baxalta Incorporated; Baxalta GmbH
(21) 2019202888 (22) 29.04.2019
(54) Biologically active peptides
(62) 2017201431

(71) Baxalta Incorporated; Baxalta GmbH
(21) 2019202970 (22) 29.04.2019
(54) Therapeutic Proteins with increased half-life and methods of preparing same
(62) 2017239551

(71) Bayer Intellectual Property GmbH
(21) 2019203000 (22) 30.04.2019
(54) Use of aryl and hetaryl carboxamides as endoparasitocides
(62) 2017239594

(71) Becton, Dickinson and Company
(21) 2019202949 (22) 26.04.2019
(54) Biological fluid collection device
(62) 2016279093

(71) Bedloe Industries LLC
(21) 2019202938 (22) 26.04.2019
(54) Use of no-bake mold process to manufacture railroad couplers
(62) 2016256795

(71) Bedloe Industries LLC
(21) 2019202945 (22) 26.04.2019
(54) Use of no-bake mold process to manufacture railroad couplers
(62) 2016256795

(71) Beyond Lighting Pty Ltd
(21) 2019202903 (22) 24.04.2019
(54) Compact modular light fitting unit
(62) 2014317804

(71) BioAtla LLC
(21) 2019203048 (22) 30.04.2019
(54) Express humanization of antibodies
(62) 2018200318

(71) Biosense Webster (Israel) Ltd.
(21) 2019202883 (22) 24.04.2019
(54) Ablation catheter with selective radial energy delivery
(31) 15/969,579 (32) 02.05.18 (33) US

(71) Bioverativ Therapeutics Inc.
(21) 2019202969 (22) 29.04.2019
(54) Factor VIII-Fc chimeric and hybrid polypeptides, and methods of use thereof
(62) 2017268648

(71) Black & Decker Inc.
(21) 2019203028 (22) 30.04.2019
(54) Power tool system
(62) 2015264428

(71) Black & Decker Inc.
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(54) Power tool system
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(54) Power tool system
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(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2019202978 (22) 29.04.2019
(54) Inline Avian Spray Applicator with Rapidly-Actuating Automatic Spray Nozzles
(62) 2016263800

(71) Boehringer Ingelheim International GmbH
(21) 2019203027 (22) 30.04.2019
(54) Compounds as modulators of ROR gamma
(62) 2015247983

(71) Boyle, N.
(21) 2019202911 (22) 26.04.2019
(54) WATER SAFETY ALARM AND SUPERVISION AID INCLUDING METHODOLOGY EMBODIED IN THE ALARM FOR ALERTING A THIRD PARTY VIA A COMMUNICATIONS NETWORK
(31) 2018901418 (32) 30.04.18 (33) AU

(71) Britax Childcare Pty Ltd
(21) 2019203031 (22) 30.04.2019
(54) LIGHT WEIGHT BOOSTER SEAT IMPROVEMENTS
(62) 2014202615

(71) Brytech Design & Engineering Project Management Limited; Tape Specialities Limited
(21) 2019202987 (22) 29.04.2019
(54) Sampling plate with variable height testing zones
(62) 2014345355

(71) Caliber Therapeutics, Inc.
(21) 2019202994 (22) 29.04.2019
(54) Balloon catheter systems for delivery of dry drug delivery vesicles to a vessel in the body
(62) 2017225072

(71) Campbell-Lloyd, P.C.
(21) 2019202881 (22) 24.04.2019
(54) Decking or flooring system, and components thereof
(62) 2017203288

(71) Canon Kabushiki Kaisha
(21) 2019202973 (22) 29.04.2019
(54) Method, system and apparatus for generating an image of a scene

(71) CareFusion 303, Inc.
(21) 2019202932 (22) 26.04.2019
(54) Variable dose dispensing of medication
(62) 2014212735

(71) CEC Systems Pty Ltd
(21) 2019202968 (22) 29.04.2019
(54) A collapsible intermodal container
(62) 2017398035

(71) Cell Ideas Pty Ltd
(21) 2019203058 (22) 30.04.2019
(54) Stem cells and secretions for treatment of inflammatory conditions
(62) 2017245310

(71) Cherry Hill Coolstores
(21) 2019203060 (22) 30.04.2019
(54) Ventilated Potato Seed Bin

(71) Cilag GmbH International
(21) 2019203036 (22) 30.04.2019
(54) Multi-orientation test strip
(62) 2014370087

(71) Cold Jet, LLC
(21) 2019202890 (22) 24.04.2019
(54) Particle blast apparatus
(31) 15/961,321 (32) 24.04.18 (33) US

(71) Colgate-Palmolive Company
(21) 2019202891 (22) 24.04.2019
(54) Taurine and aloe synergistic anti-irritant compositions and methods
(62) 2016406769

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(71) CommScope Technologies LLC (21) 2019203070 (22) 01.05.2019 (54) Selectively combining uplink signals in distributed antenna systems (62) 2015219260	(54) Methods and systems for ultrasonic vessel sealing (31) 16/391,635 (32) 23.04.19 (33) US 62/678,724 31.05.18 US	(71) DePuy Ireland Unlimited Company (21) 2019202948 (22) 26.04.2019 (54) Orthopaedic prosthetic system for a hinged knee prosthesis (31) 15/969,737 (32) 02.05.18 (33) US
(71) ConMed Corporation (21) 2019202894 (22) 24.04.2019 (54) Surgical suction device that uses positive pressure gas (62) 2015402523	(71) Dam Buster IP Pty Ltd (21) 2019203055 (22) 30.04.2019 (54) An Overflow Device Comprising or Including a Rainhead (62) 2017200959	(71) Dezinal Pty Ltd (21) 2019202935 (22) 26.04.2019 (54) A door track arrangement (31) 2018901401 (32) 27.04.18 (33) AU
(71) Cook, S. (21) 2019202873 (22) 24.04.2019 (54) Custom Branding for Vehicle Cargo Nets. These custom branded cargo nets are specially designed to brand both sides & rear of any type of Cab Chassis, Extra Cab & Crew Cab commercial vehicle with Aluminium Cargo Tray. The Custom Branded Cargo Nets are also designed for maximum Brand/ Logo exposure for commercial vehicles and are not load rated (31) UNKNOWN (32) 24.04.19 (33) AU	(71) Daon Holdings Limited (21) 2019202915 (22) 26.04.2019 (54) METHODS AND SYSTEMS FOR IDENTIFYING A CLIENT COMPUTER SYSTEM (31) 15/973,844 (32) 08.05.18 (33) US	(71) Dometic Sweden AB (21) 2019203065 (22) 30.04.2019 (54) Awning assembly for a vehicle (31) 1020182083746 (32) 28.05.18 (33) DE
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(71) Covidien LP (21) 2019202990 (22) 29.04.2019 (54) Surgical buttress assemblies (31) 62/668,851 (32) 09.05.18 (33) US 62/815,635 08.03.19 US 62/668,858 09.05.18 US 16/387,882 18.04.19 US	(71) Deere & Company (21) 2019202979 (22) 29.04.2019 (54) Seed meter disk (31) 15/995,566 (32) 01.06.18 (33) US	(71) Epoch Company, Ltd. (21) 2019202885 (22) 24.04.2019 (54) Decorative toy for fusible toy bead, and fusible toy bead set (31) 2018-083883 (32) 25.04.18 (33) JP
(71) Covidien LP (21) 2019203001 (22) 30.04.2019 (54) Surgical buttress loading and attaching/detaching assemblies (31) 62/725,327 (32) 31.08.18 (33) US 62/668,858 09.05.18 US 16/387,951 18.04.19 US 62/668,851 09.05.18 US 62/789,580 08.01.19 US	(71) Deere & Company (21) 2019202985 (22) 29.04.2019 (54) Tool-free coupling structure in agricultural machines (31) 15/995,569 (32) 01.06.18 (33) US	(71) Essentialis, Inc. (21) 2019202906 (22) 25.04.2019 (54) METHODS FOR TREATING SUBJECTS WITH PRADER-WILLI SYNDROME OR SMITH-MAGENIS SYNDROME (62) 2015346196
(71) Covidien LP (21) 2019203019 (22) 30.04.2019	(71) Deere & Company (21) 2019202989 (22) 29.04.2019 (54) Methods and devices for limiting rain ingress (31) 15/995,567 (32) 01.06.18 (33) US	(71) F. Hoffmann-La Roche AG (21) 2019202966 (22) 29.04.2019 (54) Combined treatment with a TLR7 agonist and an HBV capsid assembly inhibitor (62) 2016232353
	(71) Deere & Company (21) 2019203040 (22) 30.04.2019 (54) Seal for a seed metering system (31) 15/995,556 (32) 01.06.18 (33) US	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2019203052 (22) 30.04.2019 (54) CONNECTIONS FOR HUMIDIFICATION SYSTEM (62) 2014319042
	(71) Deere & Company (21) 2019203044 (22) 30.04.2019 (54) Seed meter singulator (31) 15/995,548 (32) 01.06.18 (33) US	(71) Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. (21) 2019202950 (22) 26.04.2019 (54) Multi-channel audio decoder, multi-channel audio encoder, methods and computer program using a residual-sig-
	(71) Deere & Company (21) 2019203047 (22) 30.04.2019 (54) Metering member and method of mounting the same (31) 15/995,541 (32) 01.06.18 (33) US	

Complete Applications Filed - Name Index cont'd

nal-based adjustment of a contribution
of a decorrelated signal
(62) 2017216523

(71) Freudenberg Oil & Gas, LLC
(21) 2019202895 (22) 24.04.2019
(54) Misalignment flange for pipeline install-
ations
(31) 15/978,293 (32) 14.05.18 (33) US

(71) GENENTECH, INC.
(21) 2019202880 (22) 24.04.2019
(54) Anti-CD79b antibodies and immuno-
conjugates and methods of use
(62) 2016273960

(71) GENENTECH, INC.
(21) 2019202902 (22) 24.04.2019
(54) Bioreactors with multiple or adjustable -
position agitator designs
(62) 2014318426

(71) Gilead Pharmasset LLC
(21) 2019203002 (22) 30.04.2019
(54) Nucleoside phosphoramidate prodrugs
(62) 2017261454

(71) Google LLC
(21) 2019202887 (22) 24.04.2019
(54) PEER-TO-PEER SOFTWARE UP-
DATES
(62) 2014207696

(71) GPCP IP Holdings LLC
(21) 2019203007 (22) 30.04.2019
(54) METHOD FOR REDUCING THE BULK
AND INCREASING THE DENSITY OF
A TISSUE PRODUCT
(62) 2014334801

(71) GREEN PRODUCTS & TECHNOLO-
GIES, L.L.C.
(21) 2019202897 (22) 24.04.2019
(54) SYNTHETIC ACID AND ASSOCIATED
METHODS
(62) 2017200454

(71) H.K. Designs Inc.
(21) 2019202947 (22) 26.04.2019
(54) Precious Stone Setting
(31) 16/180,157 (32) 05.11.18 (33) US

(71) Halliburton Energy Services, Inc.
(21) 2019202953 (22) 26.04.2019
(54) Well system with degradable plug
(62) 2014415564

(71) Hapttech, Inc.
(21) 2019203064 (22) 30.04.2019

(54) Method and apparatus for firearm recoil
simulation
(62) 2017201364

(71) HEALTHY PULSE
(21) 2019203020 (22) 30.04.2019
(54) UVC DECONTAMINATION AND DE-
TOXIFICATION DEVICE
(62) 2015293969

(71) Heraeus Electro-Nite International N.V.
(21) 2019202946 (22) 26.04.2019
(54) Molten metal samplers for high and low
oxygen applications
(31) 18177317.7 (32) 12.06.18 (33) EP

(71) Heraeus Electro-Nite International N.V.
(21) 2019202988 (22) 29.04.2019
(54) Improved molten metal sampler
(31) 18177315.1 (32) 12.06.18 (33) EP

(71) Holley Performance Products Inc.
(21) 2019203026 (22) 30.04.2019
(54) Inline pump assembly and method
(61) 2017200253
(62) 2014377624

(71) IGT
(21) 2019202975 (22) 29.04.2019
(54) Wireless User Interface Elements for
Gaming Devices
(31) 15/967,701 (32) 01.05.18 (33) US

(71) IGT
(21) 2019202976 (22) 29.04.2019
(54) Proximity Based Conditional Rewards
for Casino Users
(31) 16/002,341 (32) 07.06.18 (33) US

(71) IGT
(21) 2019203068 (22) 01.05.2019
(54) SYSTEM AND METHOD FOR UTIL-
IZING MOBILE DEVICE TO TRACK
GAMING DATA
(31) 15/970,310 (32) 03.05.18 (33) US

(71) Illumina, Inc; Illumina Cambridge Lim-
ited
(21) 2019202919 (22) 26.04.2019
(54) Methods, Carrier Assemblies, And Sys-
tems For Imaging Samples For Biolo-
gical Or Chemical Analysis
(62) 2016235288

Illumina Cambridge Limited see Illumina,
Inc
(21) 2019202919

(71) ImmunoGen, Inc.
(21) 2019202961 (22) 29.04.2019

(54) Cross-linkers and their uses
(62) 2017201655

(71) Incall Limited
(21) 2019203043 (22) 30.04.2019
(54) Telecommunications call augmentation
system
(62) 2014351560

(71) Inhibrx, LP
(21) 2019202904 (22) 24.04.2019
(54) Serpin fusion polypeptides and meth-
ods of use thereof
(62) 2017279724

(71) Innovations4Flooring Holding N.V.
(21) 2019203049 (22) 30.04.2019
(54) Panel Interconnectable with Similar
Panels for Forming a Covering
(62) 2015223563

(71) inovia Holdings Pty Ltd
(21) 2019203086 (22) 01.05.2019
(54) Computer system for calculating coun-
try-specific fees
(62) 2017202606

(71) Insitu, Inc.
(21) 2019203017 (22) 30.04.2019
(54) Launch and/or recovery for unmanned
aircraft and/or other payloads, including
via parachute-assist, and associated
systems and methods
(31) 62/667,334 (32) 04.05.18 (33) US
16/230,220 21.12.18 US

(71) Janssen Biotech, Inc.
(21) 2019202995 (22) 29.04.2019
(54) Palm activated drug delivery device
(62) 2018219991

(71) Jining Yanbei Plastic Co., Ltd.
(21) 2019202908 (22) 25.04.2019
(54) A garbage bin for classification
(31) 201910296061X (32) 13.04.19 (33) CN

(71) Joy Global Underground Mining LLC
(21) 2019203006 (22) 30.04.2019
(54) OVERHEAD POWER GRID FOR MO-
BILE MINING MACHINES
(62) 2017219051

(71) Keystone Tower Systems, Inc.
(21) 2019202930 (22) 26.04.2019
(54) Control System and Method for
Tapered Structure Construction
(62) 2015236028

(71) Kuraray Co., Ltd.
(21) 2019203009 (22) 30.04.2019

Complete Applications Filed - Name Index cont'd

(54) Multilayer structure and method for producing same, packaging material and product which use same, electronic-device protective sheet, and coating liquid
(62) 2015233424

(71) La Vit Technology LLC
(21) 2019202868 (22) 24.04.2019
(54) Capsule Based System For Preparing And Dispensing A Beverage
(62) 2015318628

(71) Lazarof, S.
(21) 2019202917 (22) 26.04.2019
(54) ANESTHESIA APPLICATORS/INJECTORS FOR DENTAL AND OTHER APPLICATIONS AND METHODS OF USE
(62) 2014287554

(71) Leatherman Tool Group, Inc.
(21) 2019202972 (22) 29.04.2019
(54) TOOL HAVING ONE OR MORE ROTATABLE TOOL MEMBERS
(31) 16/012,291 (32) 19.06.18 (33) US

(71) LG Electronics Inc.
(21) 2019202934 (22) 26.04.2019
(54) Cleaner
(31) 10-2018-0050116 (32) 30.04.18 (33) KR

(71) LIFETIME PRODUCTS, INC.
(21) 2019202899 (22) 24.04.2019
(54) HIGH-STRENGTH, LIGHTWEIGHT BLOW-MOLDED PLASTIC STRUCTURES
(62) 2016244277

(71) Locus LP
(21) 2019202967 (22) 29.04.2019
(54) Stratified composite portfolios of investment securities
(62) 2015209151

(71) Lotus Tissue Repair Inc.
(21) 2019202876 (22) 24.04.2019
(54) Administration of Recombinant Collagen 7 for the Treatment of Age Related Disorders
(62) 2017218918

(71) Luigi Lavazza S.p.A.
(21) 2019203059 (22) 30.04.2019
(54) CARTRIDGE FOR PREPARING A LIQUID PRODUCT AND METHOD FOR PRODUCING IT
(62) 2015275748

(71) Lumena Pharmaceuticals LLC
(21) 2019202884 (22) 24.04.2019

(54) Bile acid recycling inhibitors for treatment of pediatric cholestatic liver diseases
(62) 2017213485

(71) Lusio Technology Pty Ltd
(21) 2019203045 (22) 30.04.2019
(54) Methods and systems for converting body movements to games inputs
(31) 2018901427 (32) 30.04.18 (33) AU

(71) MacDon Industries Ltd.
(21) 2019202981 (22) 29.04.2019
(54) CROP MACHINE WITH AN ELECTRONICALLY CONTROLLED HYDRAULIC CYLINDER FLOTATION SYSTEM
(62) 2017202258

(71) MacDon Industries Ltd.
(21) 2019202982 (22) 29.04.2019
(54) CROP MACHINE WITH AN ELECTRONICALLY CONTROLLED HYDRAULIC CYLINDER FLOTATION SYSTEM
(62) 2017202258

(71) MacDon Industries Ltd.
(21) 2019202983 (22) 29.04.2019
(54) CROP MACHINE WITH AN ELECTRONICALLY CONTROLLED HYDRAULIC CYLINDER FLOTATION SYSTEM
(62) 2017202258

(71) Mamo, J.; Duo Secundus Pty Ltd
(21) 2019202791 (22) 18.04.2019
(54) Mobile image capture system based quality and authentication system Using multiple image capture devices invention quantifies the attributes of security documents whilst in circulation and qualifies their probability of being authentic
(62) 2019202121

(71) Mars, Incorporated
(21) 2019203018 (22) 30.04.2019
(54) Flavor compositions containing potassium salts
(62) 2015279661

(71) McCloskey International Limited
(21) 2019202937 (22) 26.04.2019
(54) Tracked radial stacker with wheels
(62) 2018202927

(71) Medrobotics Corporation
(21) 2019202952 (22) 26.04.2019
(54) Introduction Devices for Highly Articulated Robotic Probes and Methods of Production and use of such probes
(62) 2017203051

(71) Mesoblast, Inc.
(21) 2019202960 (22) 29.04.2019
(54) Treatment of diseases of endothelial dysfunction and inflammation
(62) 2013360024

(71) Mexichem Fluor S.A. de C.V.
(21) 2019202874 (22) 24.04.2019
(54) PHARMACEUTICAL COMPOSITION
(62) 2016364650

(71) Mexichem Fluor S.A. de C.V.
(21) 2019202875 (22) 24.04.2019
(54) PHARMACEUTICAL COMPOSITION
(62) 2016364650

(71) Mitokinin, Inc.
(21) 2019202922 (22) 26.04.2019
(54) Compositions and methods of using the same for treatment of neurodegenerative and mitochondrial disease
(62) 2015217152

(71) Monsanto Technology LLC
(21) 2019202957 (22) 28.04.2019
(54) AQUEOUS HERBICIDAL CONCENTRATES
(62) 2015209073

(71) Monsanto Technology LLC
(21) 2019203014 (22) 30.04.2019
(54) Novel Chimeric Insecticidal Proteins Toxic or Inhibitory to Lepidopteran Pests
(62) 2015332384

(71) Monsanto Technology LLC
(21) 2019203015 (22) 30.04.2019
(54) Novel Chimeric Insecticidal Proteins Toxic or Inhibitory to Lepidopteran Pests
(62) 2015332384

(71) Monsanto Technology LLC
(21) 2019203021 (22) 30.04.2019
(54) Novel Chimeric Insecticidal Proteins Toxic or Inhibitory to Lepidopteran Pests
(62) 2015332384

(71) Monsanto Technology LLC
(21) 2019203025 (22) 30.04.2019
(54) Novel Chimeric Insecticidal Proteins Toxic or Inhibitory to Lepidopteran Pests
(62) 2015332384

(71) Motorola Solutions, Inc.
(21) 2019202999 (22) 30.04.2019

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(54) RADIOFREQUENCY COMPONENT PERFORMANCE MEASUREMENT USING RADIATED SPURIOUS ENERGY
(31) 15/972,871 (32) 07.05.18 (33) US

(71) Nativis, Inc.
(21) 2019203023 (22) 30.04.2019
(54) Controller and flexible coils for administering therapy, such as for cancer therapy
(62) 2014233227

(71) Neat Investments Pty Ltd
(21) 2019202901 (22) 24.04.2019
(54) A Head Bail for Livestock
(31) 2018901515 (32) 03.05.18 (33) AU

(71) NELSON IRRIGATION CORPORATION
(21) 2019203003 (22) 30.04.2019
(54) ORBITAL SPRINKLER WITH SPEED CONTROL BRAKE
(31) 16/038,351 (32) 18.07.18 (33) US

(71) Neuracle Science Co., Ltd
(21) 2019202918 (22) 26.04.2019
(54) AGONIST OF SPEXIN-BASED GALANIN TYPE 2 RECEPTOR AND USE THEREOF
(62) 2016361783

(71) Optical Engineering Solutions Limited
(21) 2019203029 (22) 30.04.2019
(54) Optical Trial Frame

(71) Oracle International Corporation
(21) 2019202925 (22) 26.04.2019
(54) SELECTING THREADS FOR CONCURRENT PROCESSING OF DATA
(31) 16/164,166 (32) 18.10.18 (33) US

(71) Oracle International Corporation
(21) 2019202955 (22) 26.04.2019
(54) INTEGRATING A BLOCKCHAIN LEDGER WITH AN APPLICATION EXTERNAL TO THE BLOCKCHAIN LEDGER
(31) 15/974,513 (32) 08.05.18 (33) US

(71) Owen Oil Tools LP
(21) 2019203013 (22) 30.04.2019
(54) Devices and related methods for actuating wellbore tools with a pressurized gas
(62) 2015253370

(71) Pellficare Pharmaceuticals, Inc.
(21) 2019203008 (22) 30.04.2019
(54) NOVEL THERAPY FOR PROSTATE CARCINOMA
(62) 2014241816

(71) PepsiCo, Inc.
(21) 2019202941 (22) 26.04.2019
(54) Modulation of bitterness and mouthfeel via synergistic mixtures of long chain fatty acids
(62) 2014366914

(71) Pinghu Huadeng Cup Industry Co., Ltd.
(21) 2019202907 (22) 25.04.2019
(54) A disposable beverage cup
(31) 2019102823646 (32) 09.04.19 (33) CN

(71) Pitcher, S.N.; Purser, D.C.
(21) 2019203054 (22) 30.04.2019
(54) Anaerobic antioxidant composition

(71) PPG Coatings Europe B.V.; Avery Dennison Materials Belgium SPRL
(21) 2019202920 (22) 26.04.2019
(54) Large surface laminating system and method
(62) 2016271712

(71) Premium Genetics (UK) Ltd.
(21) 2019202882 (22) 24.04.2019
(54) Microfluidic system and method with focused energy apparatus
(62) 2014343391

Purser, D.C. see Pitcher, S.N.
(21) 2019203054

(71) Quintessential Products
(21) 2019202909 (22) 25.04.2019
(54) Tray

(71) Rahman, M.
(21) 2019202910 (22) 26.04.2019
(54) vHelp is a universal app / platform for all the Taxi and ride sharing services which will implement in a partner Eco-system or a hierarchical model. Under one driver partner, they could join another driver partner which will give them the financial benefit on percentage basis if the hierarchy in place.

(71) RAYGEN RESOURCES PTY LTD
(21) 2019203010 (22) 30.04.2019
(54) Conversion of Solar Energy
(62) 2016202929

(71) Reifenhäuser GmbH & Co. KG Maschinenfabrik
(21) 2019202898 (22) 24.04.2019
(54) Apparatus and method of making spunbonded nonwovens from continuous filaments
(31) 18174519.1 (32) 28.05.18 (33) EP

(71) Reifenhäuser GmbH & Co. KG Maschinenfabrik
(21) 2019202944 (22) 26.04.2019
(54) Apparatus for making spunbonded nonwovens from continuous filaments
(31) 18174523.3 (32) 28.05.18 (33) EP

(71) Reifenhäuser GmbH & Co. KG Maschinenfabrik
(21) 2019203030 (22) 30.04.2019
(54) Apparatus and method for making spunbond from continuous filaments
(31) 18 174 513.4 (32) 28.05.18 (33) EP

(71) REMOTE MEDIA, LLC
(21) 2019203053 (22) 30.04.2019
(54) Peer-to-Peer Content Delivery Network, Method, and Manager
(62) 2014360111

(71) ResMed R&D Germany GmbH
(21) 2019202886 (22) 24.04.2019
(54) Tub for use in a humidifier
(31) 15/961,017 (32) 24.04.18 (33) US

(71) Rhuby Innovations Pty Ltd
(21) 2019202869 (22) 24.04.2019
(54) A method of preparing a chocolate product containing a pureed fruit and/or vegetable composition, and product
(31) 2018901367 (32) 25.04.18 (33) AU

(71) Rio Tinto Alcan International Limited
(21) 2019202943 (22) 26.04.2019
(54) Device for storing a load above an electrolytic cell
(62) 2015208856

(71) Rovi Guides, Inc.
(21) 2019202992 (22) 29.04.2019
(54) Systems and methods for interactive program guides with personal video recording features
(62) 2017261599

(71) RUNWAY INNOVATIONS LIMITED
(21) 2019202879 (22) 24.04.2019
(54) Runway arrangement
(62) 2017245298

(71) Sage People Limited
(21) 2019202964 (22) 29.04.2019
(54) Apparatus and Method for Communicating Data in a Multi-Tenant Computer System
(31) GB 1807039.1 (32) 30.04.18 (33) GB

(71) Sage Therapeutics, Inc.
(21) 2019203046 (22) 30.04.2019

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- (54) 3,3 Disubstituted 19-Nor Pregnane Compounds, Compositions, and Uses Thereof
(62) 2017208284
-
- (71) Schott AG
(21) 2019202923 (22) 26.04.2019
(54) Laminated glass with high fire resistance
(31) 102018110148.1 (32) 26.04.18 (33) DE
-
- (71) Senseonics, Incorporated
(21) 2019203005 (22) 30.04.2019
(54) Communications for an analyte sensor
(62) 2014305930
-
- (71) SETEVOX (PTY) LTD
(21) 2019202914 (22) 26.04.2019
(54) Composite load bearing member
(62) 2015276798
-
- (71) Shire Human Genetic Therapies, Inc.
(21) 2019202865 (22) 24.04.2019
(54) Peptide linkers for polypeptide compositions and methods for using same
(62) 2017204405
-
- (71) Silixa Limited
(21) 2019202951 (22) 26.04.2019
(54) Method and apparatus for optical sensing
(62) 2017200636
-
- (71) SISER S.R.L. (società unipersonale)
(21) 2019203057 (22) 30.04.2019
(54) Stratified item for printing with sublimation inks and method for producing it
(31) 102018000005034 (32) 03.05.18 (33) IT
-
- (71) Sony Corporation
(21) 2019202924 (22) 26.04.2019
(54) Device, method, and program for processing sound
(62) 2016283182
-
- (71) South East Water Corporation
(21) 2019202991 (22) 29.04.2019
(54) Pressure sewer control system and method
(62) 2017200340
-
- (71) Stealth Peptides International, Inc.
(21) 2019203050 (22) 30.04.2019
(54) METHODS FOR PERFORMING A CORONARY ARTERY BYPASS GRAFT PROCEDURE
(62) 2017210562
-
- (71) Stryker European Holdings I, LLC
(21) 2019202926 (22) 26.04.2019
-
- (54) ORTHOPEDIC GROWING DEVICES
(31) 62/662,993 (32) 26.04.18 (33) US
-
- Tape Specialities Limited see Brytech Design & Engineering Project Management Limited**
(21) 2019202987
-
- (71) Tata Consultancy Services Limited
(21) 2019202962 (22) 29.04.2019
(54) A UNIFIED PLATFORM FOR DOMAIN ADAPTABLE HUMAN BEHAVIOUR INTERFERENCE
(31) 201821016084 (32) 27.04.18 (33) IN
-
- (71) Telefonaktiebolaget LM Ericsson (publ)
(21) 2019202871 (22) 24.04.2019
(54) Method and communication device for controlling access to a wireless access network
(62) 2017268653
-
- (71) The Boeing Company
(21) 2019202980 (22) 29.04.2019
(54) Slotted entry gimbal
(31) 15/989,850 (32) 25.05.18 (33) US
-
- (71) The Johns Hopkins University
(21) 2019202900 (22) 24.04.2019
(54) Papanicolaou test for ovarian and endometrial cancers
(62) 2017203206
-
- (71) The Regents of The University of California
(21) 2019203038 (22) 30.04.2019
(54) Functionalized magnetic nanoparticles and use in imaging amyloid deposits and neurofibrillary tangles
(62) 2017203920
-
- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2019202928 (22) 26.04.2019
(54) Monitoring the effects of sleep deprivation using neuronal avalanches
(62) 2014306458
-
- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2019203042 (22) 30.04.2019
(54) Chimeric antigen receptors targeting B-cell maturation antigen
(62) 2017208279
-
- (71) The Wistar Institute of Anatomy and Biology
(21) 2019202905 (22) 24.04.2019
-
- (54) EBNA1 inhibitors and their method of use
(62) 2014348422
-
- (71) TNA Australia Pty Limited
(21) 2019202889 (22) 24.04.2019
(54) A bag engaging device
(31) 2018901425 (32) 30.04.18 (33) AU
-
- (71) Transdev Group
(21) 2019202939 (22) 26.04.2019
(54) Traffic monitoring system with display of a virtual image of moving objects in a portion of roadway infrastructure
(31) 18 53670 (32) 26.04.18 (33) FR
-
- (71) Tripod Nano Technology Corporation
(21) 2019202878 (22) 24.04.2019
(54) METHOD OF MAKING AN INORGANIC PLATINUM COMPOUND
(31) 107144228 (32) 07.12.18 (33) TW
-
- (71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED
(21) 2019203041 (22) 30.04.2019
(54) Blowers with variable nozzles
(31) 62/665,797 (32) 02.05.18 (33) US
-
- (71) University Of Pittsburgh - Of the Commonwealth System Of Higher Education
(21) 2019202996 (22) 29.04.2019
(54) A system and method of determining a susceptibility to cardiorespiratory insufficiency
(62) 2017218965
-
- (71) USNR, LLC
(21) 2019203062 (22) 30.04.2019
(54) Electric veneer lathe
(62) 2015333682
-
- (71) Valmont Highway Technology Limited
(21) 2019202998 (22) 30.04.2019
(54) Energy Absorption Device
(62) 2017268574
-
- (71) Vermeer Manufacturing Company
(21) 2019203061 (22) 30.04.2019
(54) Shaker assemblies having a vibratory screen clamping system
(31) 62/664,569 (32) 30.04.18 (33) US
-
- (71) Vermeer Manufacturing Company
(21) 2019203063 (22) 30.04.2019
(54) Shaker assemblies having positioning devices
(31) 62/664,551 (32) 30.04.18 (33) US
-
- (71) Warn, C.
(21) 2019202936 (22) 26.04.2019

Complete Applications Filed - Name Index cont'd

(54) PORTABLE PERSONAL LIFT PLAT-
FORM

(71) Werner Co.

(21) 2019203056 (22) 30.04.2019

(54) Composite rung for a ladder and meth-
od

(62) 2017202064

(71) White Lion S.A.

(21) 2019202940 (22) 26.04.2019

(54) METHOD, SYSTEM AND SOFTWARE
PRODUCT FOR MANAGING PEOPLE,
GOODS AND SERVICES USING
AUTOMATIC IDENTIFICATION TECH-
NOLOGY

(62) 2013307252

(71) Xyleco, Inc.

(21) 2019202963 (22) 29.04.2019

(54) Controlling Process Gases

(62) 2017219157

(71) Xyleco, Inc.

(21) 2019202986 (22) 29.04.2019

(54) Marking paper products

(62) 2017232237

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2019202791	Mamo, J.; Duo Secundus Pty Ltd	2019202938	Bedloe Industries LLC
2019202865	Shire Human Genetic Therapies, Inc.	2019202939	Transdev Group
2019202866	Apple Inc.	2019202940	White Lion S.A.
2019202867	Accenture Global Solutions Limited	2019202941	PepsiCo, Inc.
2019202868	La Vit Technology LLC	2019202942	Aristocrat Technologies Australia Pty Limited
2019202869	Rhuby Innovations Pty Ltd	2019202943	Rio Tinto Alcan International Limited
2019202871	Telefonaktiebolaget LM Ericsson (publ)	2019202944	Reifenhäuser GmbH & Co. KG Maschinenfabrik
2019202872	Elmer's Welding & Manufacturing Ltd.	2019202945	Bedloe Industries LLC
2019202873	Cook, S.	2019202946	Heraeus Electro-Nite International N.V.
2019202874	Mexichem Fluor S.A. de C.V.	2019202947	H.K. Designs Inc.
2019202875	Mexichem Fluor S.A. de C.V.	2019202948	DePuy Ireland Unlimited Company
2019202876	Lotus Tissue Repair Inc.	2019202949	Becton, Dickinson and Company
2019202878	Tripod Nano Technology Corporation	2019202950	Fraunhofer-Gesellschaft zur Foerderung der ange- wandten Forschung e.V.
2019202879	RUNWAY INNOVATIONS LIMITED		
2019202880	GENENTECH, INC.	2019202951	Silixa Limited
2019202881	Campbell-Lloyd, P.C.	2019202952	Medrobotics Corporation
2019202882	Premium Genetics (UK) Ltd.	2019202953	Halliburton Energy Services, Inc.
2019202883	Biosense Webster (Israel) Ltd.	2019202954	Aristocrat Technologies Australia Pty Limited
2019202884	Lumena Pharmaceuticals LLC	2019202955	Oracle International Corporation
2019202885	Epoch Company, Ltd.	2019202956	AKER Biomarine Antarctic AS
2019202886	ResMed R&D Germany GmbH	2019202957	Monsanto Technology LLC
2019202887	Google LLC	2019202960	Mesoblast, Inc.
2019202888	Baxalta Incorporated; Baxalta GmbH	2019202961	ImmunoGen, Inc.
2019202889	TNA Australia Pty Limited	2019202962	Tata Consultancy Services Limited
2019202890	Cold Jet, LLC	2019202963	Xyleco, Inc.
2019202891	Colgate-Palmolive Company	2019202964	Sage People Limited
2019202893	Adamis Pharmaceuticals Corporation	2019202965	AFINITI EUROPE TECHNOLOGIES LIMITED
2019202894	ConMed Corporation	2019202966	F. Hoffmann-La Roche AG
2019202895	Freudenberg Oil & Gas, LLC	2019202967	Locus LP
2019202897	GREEN PRODUCTS & TECHNOLOGIES, L.L.C.	2019202968	CEC Systems Pty Ltd
2019202898	Reifenhäuser GmbH & Co. KG Maschinenfabrik	2019202969	Bioverativ Therapeutics Inc.
2019202899	LIFETIME PRODUCTS, INC.	2019202970	Baxalta Incorporated; Baxalta GmbH
2019202900	The Johns Hopkins University	2019202971	Deere & Company
2019202901	Neat Investments Pty Ltd	2019202972	Leatherman Tool Group, Inc.
2019202902	GENENTECH, INC.	2019202973	Canon Kabushiki Kaisha
2019202903	Beyond Lighting Pty Ltd	2019202975	IGT
2019202904	Inhibrx, LP	2019202976	IGT
2019202905	The Wistar Institute of Anatomy and Biology	2019202977	Deere & Company
2019202906	Essentialis, Inc.	2019202978	Boehringer Ingelheim Animal Health USA Inc.
2019202907	Pinghu Huadeng Cup Industry Co., Ltd.	2019202979	Deere & Company
2019202908	Jining Yanbei Plastic Co., Ltd.	2019202980	The Boeing Company
2019202909	Quintessential Products	2019202981	MacDon Industries Ltd.
2019202910	Rahman, M.	2019202982	MacDon Industries Ltd.
2019202911	Boyle, N.	2019202983	MacDon Industries Ltd.
2019202914	SETEVOX (PTY) LTD	2019202984	Covidien LP
2019202915	Daon Holdings Limited	2019202985	Deere & Company
2019202916	Accenture Global Solutions Limited	2019202986	Xyleco, Inc.
2019202917	Lazarof, S.	2019202987	Brytech Design & Engineering Project Management Limited; Tape Specialities Limited
2019202918	Neuracle Science Co., Ltd		
2019202919	Illumina, Inc; Illumina Cambridge Limited	2019202988	Heraeus Electro-Nite International N.V.
2019202920	PPG Coatings Europe B.V.; Avery Dennison Materials Belgium SPRL	2019202989	Deere & Company
		2019202990	Covidien LP
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2019202923	Schott AG	2019202992	Rovi Guides, Inc.
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2019202927	Aristocrat Technologies Australia Pty Limited	2019202996	University Of Pittsburgh - Of the Commonwealth Sys- tem Of Higher Education
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		2019202997	Afton Chemical Corporation
2019202929	ASCEM B.V.	2019202998	Valmont Highway Technology Limited
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2019202937	McCloskey International Limited	2019203005	Senseonics, Incorporated

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2019203006	Joy Global Underground Mining LLC
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2019203010	RAYGEN RESOURCES PTY LTD
2019203011	Aristocrat Technologies Australia Pty Limited
2019203012	ACO Pty Ltd
2019203013	Owen Oil Tools LP
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2019203037	Black & Decker Inc.
2019203038	The Regents of The University of California
2019203039	Black & Decker Inc.
2019203040	Deere & Company
2019203041	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
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2019203057	SISER S.R.L. (società unipersonale)
2019203058	Cell Ideas Pty Ltd
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(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc. (21) 2019100453 (22) 29.04.2019 (54) Optical image stabilization with voice coil motor for moving image sensor (62) 2018101333	(54) Water Heater and Its Shunt Box (31) 201820668661.5 (32) 04.05.18 (33) CN	(71) Kilmallock (ACT) Pty Ltd (21) 2019100464 (22) 30.04.2019 (54) Blind-Type Curtain (62) 2015101931
(71) Critical Bits Pty Ltd; Draper, D.; Gutmanis, J. (21) 2019100433 (22) 25.04.2019 (54) Integrated Facility Hire System	(71) Guangdong Wireking Commercial Co.,Ltd. (21) 2019100440 (22) 26.04.2019 (54) Foldable cart (31) 201822132295.4 (32) 18.12.18 (33) CN	(71) Modular Innovations Pty Ltd (21) 2019100458 (22) 30.04.2019 (54) Improved panel construction (62) 2016206311
(71) Curtis, M. (21) 2019100434 (22) 26.04.2019 (54) A METHOD OF ASSEMBLING A BUILDING (31) 2018901460 (32) 01.05.18 (33) AU	(71) Guangdong Wireking Housewares & Hardware Co., Ltd (21) 2019100439 (22) 26.04.2019 (54) Storable combined cart (31) 201820881269.9 (32) 07.06.18 (33) CN	(71) Modular Innovations Pty Ltd (21) 2019100460 (22) 30.04.2019 (54) Improved panel and post systems (62) 2016204854
(71) Dam Buster IP Pty Ltd (21) 2019100457 (22) 30.04.2019 (54) An Overflow Device Comprising or Including a Rainhead (62) 2017200959	Gutmanis, J. see Critical Bits Pty Ltd (21) 2019100433	(71) Modular Innovations Pty Ltd (21) 2019100461 (22) 30.04.2019 (54) Improved panel and post systems (62) 2016204854
(71) Draper, D. see Critical Bits Pty Ltd (21) 2019100433	(71) HAREDS Pty Ltd (21) 2019100466 (22) 01.05.2019 (54) Parametric catastrophe insurance subscription tool (31) 2018902024 (32) 06.06.18 (33) AU	(71) Modular Innovations Pty Ltd (21) 2019100462 (22) 30.04.2019 (54) Improved panel and post systems (62) 2016204854
(71) Firebrick Pharma Pty Ltd (21) 2019100465 (22) 01.05.2019 (54) Treatment and prevention of the common cold using povidone-iodine (62) 2015292256	(71) Hinson, B. (21) 2019100446 (22) 28.04.2019 (54) The reprocessing of spent distiller's malted grain, using mold mycelium enzymes to convert residual spent grain material from brew mashing to sugars suitable for further fermenting and subsequent distilling.	(71) Morey, M. (21) 2019100441 (22) 26.04.2019 (54) Float PAL Float Paddle Automation in Laboratory practice or 'Float PAL' is a device designed to reproduce the actions of a manual operator using a float paddle to scrape the froth off the top of a float cell in a standard metallurgical laboratory flotation test.
(71) Freightquip Pty Ltd (21) 2019100452 (22) 29.04.2019 (54) Wall assembly for shipping container	(71) Horizon Global Pty Ltd (21) 2019100467 (22) 01.05.2019 (54) Tow bar assembly (31) 2018901455 (32) 01.05.18 (33) AU	(71) Nanchang Hangkong University (21) 2019100447 (22) 28.04.2019 (54) An ultra-wide operating temperature dielectric material obtained in La(Zn0.5Ti0.5)O3- K0.5Na0.5NbO3 solid solutions
(71) Gleeson, G. (21) 2019100454 (22) 29.04.2019 (54) The Emotional Easter Egg is a game , where easter eggs have different faces and/or actions on them: sad, happy, dancing, thinking the player chooses an egg blindfolded or rolls an egg to discover which side it lands on. The player then has to do the action painted/displayed on the chosen egg/egg side for a total of three minutes nonstop to gain points, or loose points if fails to do it for three minutes.	(71) Hurst, M. (21) 2019100456 (22) 30.04.2019 (54) Twist resistant roof structure (31) 2018901464 (32) 02.05.18 (33) AU	(71) NINGBO EDEANS HEATING SYSTEMS MANUFACTURING CO., LTD. (21) 2019100437 (22) 26.04.2019 (54) ELECTRIC TOWEL RACK
(71) Guangdong Gemake Electric Appliance Co., Ltd (21) 2019100442 (22) 26.04.2019	(71) Kerr, A.; RKH Investments Pty Ltd (21) 2019100445 (22) 27.04.2019 (54) AIR CONDITIONING CONDENSATION WATER COLLECTING SYSTEM (31) 2018901403 (32) 27.04.18 (33) AU	(71) OZDOCS INTERNATIONAL PTY LTD (21) 2019100436 (22) 26.04.2019 (54) Cabinet Inventique
	(71) Kilmallock (ACT) Pty Ltd (21) 2019100463 (22) 30.04.2019 (54) Blind-Type Curtain (62) 2015101931	(71) Rigdeluge Global Limited (21) 2019100443 (22) 26.04.2019

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(54) Filter
(62) 2015242360

(54) pure energy

RKH Investments Pty Ltd see Kerr, A.
(21) 2019100445

(71) Santacoloma Moro, J.F.
(21) 2019100449 (22) 29.04.2019
(54) Portable, watertight sealing device
(31) U201800269 (32) 30.04.18 (33) ES

Shanghai Latronix Technology Corp. see
Yiyun Corporation Pty Ltd
(21) 2019100459

Twist Drop Shake Cap Pty Ltd see Twist
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(21) 2019100448

(71) Twist Drop Shake Pty Ltd; Twist Drop
Shake Cap Pty Ltd
(21) 2019100448 (22) 28.04.2019
(54) Measured Dose & Closure cap for a
Container

(71) Vinidex Pty Limited
(21) 2019100444 (22) 26.04.2019
(54) COOLING ASSEMBLY FOR EX-
TRUDED PLASTIC PIPE

(71) Vortex Five Pty Ltd
(21) 2019100435 (22) 26.04.2019
(54) A portable toilet paper roll carrier
(62) PCT/AU2017/051051

(71) Wilson, A.
(21) 2019100455 (22) 30.04.2019
(54) Real-Time Home Price eValuator

(71) Yiyun Corporation Pty Ltd; Shanghai
Latronix Technology Corp.
(21) 2019100459 (22) 30.04.2019
(54) DIMMING AND COLOR TUNING
FLICKER-FREE DOWNLIGHT CIR-
CUIT
(62) PCT/CN2018/111584

(71) Yu, J.
(21) 2019100450 (22) 29.04.2019
(54) Dog feed with astaxanthin and prepara-
tion method thereof

(71) Yu, J.
(21) 2019100451 (22) 29.04.2019
(54) Nutritionally balanced pet dog food and
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(71) zhong, j.
(21) 2019100438 (22) 26.04.2019

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2019100443	Rigdeluge Global Limited	2019100460	Modular Innovations Pty Ltd
2019100444	Vinidex Pty Limited	2019100461	Modular Innovations Pty Ltd
2019100445	Kerr, A.; RKH Investments Pty Ltd	2019100462	Modular Innovations Pty Ltd
2019100446	Hinson, B.	2019100463	Kilmallock (ACT) Pty Ltd
2019100447	Nanchang Hangkong University	2019100464	Kilmallock (ACT) Pty Ltd
2019100448	Twist Drop Shake Pty Ltd; Twist Drop Shake Cap Pty Ltd	2019100465	Firebrick Pharma Pty Ltd
2019100449	Santacoloma Moro, J.F.	2019100466	HAREDS Pty Ltd
		2019100467	Horizon Global Pty Ltd

Applications with amended filing dates Reg 3.5(A).

2019100285 **MUBSNZ LTD** The filing date has been amended to 19.03.2019

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

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2013

2013200028 (14) 2013201297 (14) 2013202495 (14)
 2013202655 (14) 2013209361 (14) 2013245515 (14)
 2013245573 (14) 2013251180 (14) 2013251211 (14)
 2013257841 (5C) 2013292395 (5C) 2013317688 (5C)
 2013330185 (12D) 2013331154 (14) 2013333763 (4C)
 2013334480 (4C) 2013334708 (4C) 2013334860 (14)
 2013334998 (5C) 2013335321 (4C) 2013336190 (14)
 2013336787 (14) 2013338348 (14) 2013338349 (14)
 2013339570 (14) 2013340452 (14) 2013345049 (5C)
 2013392417 (5C) 2013401409 (5C)

2014

2014100607 (22) 2014101270 (22E) 2014101283 (22E)
 2014101291 (22E) 2014200972 (5C) 2014201322 (14)
 2014203814 (1B) 2014250719 (4A) 2014250740 (4A)
 2014252807 (5C) 2014252808 (5C) 2014253471 (4C)
 2014253504 (4A) 2014253513 (14) 2014253514 (4A)
 2014253520 (4C) 2014253524 (4C) 2014256370 (14)
 2014256376 (1B) 2014277779 (14) 2014296144 (5C)
 2014302312 (5C) 2014311441 (5C) 2014315415 (5C)
 2014323583 (5C) 2014334308 (5C) 2014337678 (4C)
 2014338503 (4C) 2014338605 (4C) 2014338611 (4C)
 2014338814 (4C) 2014338968 (4C) 2014339015 (14)
 2014339074 (4C) 2014339374 (14) 2014340088 (4C)
 2014340107 (14) 2014340183 (4C) 2014340355 (14)
 2014340407 (14) 2014340408 (14) 2014340412 (14)
 2014340413 (14) 2014340414 (14) 2014340415 (14)
 2014340437 (14) 2014340438 (14) 2014340443 (14)
 2014341390 (14) 2014343330 (4C) 2014344019 (4C)
 2014344771 (14) 2014360589 (5C) 2014368581 (5C)
 2014376994 (25D) 2014408754 (4C) 2014409500 (4B)
 2014409504 (4B)

2015

2015101550 (22E) 2015101553 (22E) 2015101576 (22E)
 2015202095 (1B) 2015202365 (14) 2015202578 (1B)
 2015202714 (1B) 2015202880 (5C) 2015203159 (1B)
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2015224396 (1B) 2015224397 (1B) 2015252134 (14)
 2015258344 (1B) 2015258765 (5C) 2015259566 (5C)
 2015259643 (5C) 2015259942 (5C) 2015261774 (1B)
 2015262008 (5C) 2015262047 (1B) 2015262095 (1B)
 2015262349 (1B) 2015262386 (1B) 2015263079 (5C)
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 2015264181 (1B) 2015264391 (1B) 2015264474 (1B)
 2015264528 (1B) 2015269315 (5C) 2015270186 (5C)
 2015270465 (5C) 2015271976 (1B) 2015275789 (1B)
 2015281749 (25D) 2015287586 (25D) 2015317771 (5C)
 2015324652 (1B) 2015327243 (5C) 2015328299 (1B)
 2015334104 (5C) 2015339448 (5C) 2015348852 (5C)
 2015351375 (1B) 2015361015 (5C) 2015374539 (25D)
 2015378471 (1B) 2015378966 (5C) 2015394727 (5C)
 2015402766 (5C)

2016

2016100774 (22E) 2016101826 (22E) 2016101830 (22E)
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 2016101855 (22E) 2016101856 (22E) 2016101857 (22E)
 2016101859 (22E) 2016101860 (22E) 2016101863 (22E)
 2016200285 (14) 2016200427 (1B) 2016200508 (14)
 2016200554 (1B) 2016200703 (1B) 2016202249 (5C)
 2016202379 (1B) 2016209391 (1B) 2016210994 (1B)
 2016211097 (1B) 2016211493 (1B) 2016212708 (1B)
 2016214929 (1B) 2016214950 (1B) 2016214972 (1B)
 2016229135 (5C) 2016229300 (5C) 2016233337 (5C)
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 2016236823 (1B) 2016239352 (5C) 2016258989 (5C)
 2016260190 (1B) 2016260568 (1B) 2016261273 (1B)
 2016261730 (1B) 2016262664 (4C) 2016262711 (5C)
 2016262794 (4C) 2016269403 (5C) 2016270010 (5C)
 2016271856 (25D) 2016280815 (5C) 2016282478 (5C)
 2016284421 (25D) 2016292975 (1B) 2016294498 (1B)
 2016320677 (1B) 2016322283 (5C) 2016336321 (5C)

2017

2017200522 (4C) 2017200779 (5C) 2017201004 (5C)
 2017201066 (4C) 2017201269 (5C) 2017201402 (5C)
 2017201589 (5C) 2017201663 (4C) 2017201745 (5C)
 2017202078 (5C) 2017202175 (5C) 2017202283 (5C)
 2017202403 (5C) 2017202600 (5C) 2017202606 (5C)
 2017202925 (5C) 2017202976 (5C) 2017203107 (5C)
 2017203295 (5C) 2017203339 (5C) 2017203740 (4C)
 2017204064 (5C) 2017204234 (5C) 2017204290 (5C)
 2017204448 (5C) 2017204528 (5C) 2017204740 (5C)
 2017204745 (5C) 2017208255 (5C) 2017208373 (5C)
 2017210674 (5C) 2017221828 (5C) 2017224992 (5C)
 2017225071 (5C) 2017228533 (5C) 2017228578 (5C)
 2017228591 (5C) 2017239536 (5C) 2017248529 (4C)
 2017251722 (4C) 2017251737 (5C) 2017251855 (4C)
 2017254982 (4C) 2017276152 (4C)

2018

2018100900 (21F) 2018101229 (21F) 2018200504 (4C)
 2018200509 (5CN) 2018200708 (5C) 2018200874 (5C)
 2018201268 (5C) 2018201387 (5C) 2018201941 (5C)
 2018203889 (12CN) 2018901479 (12AN) 2018901627 (12AN)
 2018901819 (12AN) 2018902826 (12AN)

2019

2019100176 (18AN) 2019100192 (18AN) 2019200449 (1B)
 2019201116 (1B) 2019201162 (1B)

Assignments before Grant, Section 113

2013

2013343864 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes; Universitätsmedizin der Johannes Gutenberg-Universität Mainz; BioNTech AG The application has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes; BioNTech RNA Pharmaceuticals GmbH**

2014

2014384710 Chavarria, Gonzalo; Maunder, Andrew; Prysmian S.p.A. The application has been assigned to **Prysmian S.p.A.**

2015

2015235979 The Children's Medical Center Corporation The application has been assigned to **The Children's Medical Center Corporation; The General Hospital Corporation**

2015332918 L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude The application has been assigned to **Schülke & Mayr**

2016

2016268157 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2016268344 Mallinckrodt LLC The application has been assigned to **SpecGX LLC**

2016271989 Dinger, Bartel The application has been assigned to **Farmshed Labs Limited**

2016277986 Acipenser Biotech Limited The application has been assigned to **Shah Caviar Limited**

2016321418 Alpha Technologies Inc. The application has been assigned to **Alpha Technologies Services, Inc.**

2016346184 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2016346203 Patagonia Pharmaceuticals, LLC The application has been assigned to **Timber Pharmaceuticals LLC**

2016381367 Kimberly-Clark Worldwide, Inc. The application has been assigned to **SureWerx USA Inc.**

2017

2017211800 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2017217377 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2017217434 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2017302559 ebbu Inc. The application has been assigned to **Canopy Growth Corporation**

Assignments before Grant, Section 113

2017309405 Green Life Farms Pty Ltd The application has been assigned to **The Lawn & Turf Company Pty Ltd**

2018

2018200685 Ganymed Pharmaceuticals GmbH; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten The application has been assigned to **Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten**

2018261198 Glynn, Angela; Bauldree, Kenneth The application has been assigned to **First Response Locator Systems of America, LLC**

2018901460 Panels WA Pty Ltd The application has been assigned to **Curtis, Malcolm**

2019

2019200324 Zhuji Zaohong Trading Co., Ltd. The application has been assigned to **Yongkang Feisheng Intelligent Technology Co., Ltd.**

2019202601 The Children's Medical Center Corporation The application has been assigned to **The Children's Medical Center Corporation; The General Hospital Corporation**

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.

2002

2002334266 **ViRexx Medical Corporation** An application to extend the time from 11 Sep 2018 to 11 May 2019 in which to pay the renewal fee has been filed . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2007

2007257335 **Cortical Dynamics Limited** An application to extend the time from 06 Jun 2018 to 06 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2009

2009282149 **Lytesyde, LLC** An application to extend the time from 11 Aug 2018 to 11 May 2019 in which to pay a renewal fee has been filed . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2010

2010330677 **Dodds, P.** An application to extend the time from 02 Dec 2017 to 02 Jan 2019 in which to pay a renewal fee has been filed . Address for service - STICKY WICKY Pty Ltd PO BOX 765 Gladesville NSW 1675 AU

2011

2011380892 **Villarrubia Ruiz, Jonas** An application to extend the time from 18 Dec 2017 to 18 Dec 2018 in which to pay a renewal fee has

Extensions of Time, Section 223

been filed . Address for service - Jogias Patent & Trade Marks Attorneys 36 Manor Street EIGHT MILE PLAINS QLD 4113 AU

2012

2012321055 **PMB Technologies Pty Ltd** An application to extend the time from 05 Oct 2018 to 05 May 2019 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013209887 **McKenna, E.** An application to extend the time from 16 Jan 2018 to 16 May 2019 in which to request Examination has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013290481 **Causam Energy, Inc.** An application to extend the time from 14 Jul 2018 to 14 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2014

2014312456 **AprilBio Co., Ltd** An application to extend the time from 29 Aug 2018 to 29 Mar 2019 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014321134 **Avicennia Investments Pty Ltd** An application to extend the time from 11 Sep 2018 to 11 Apr 2019 in which to way the renewal fee has been filed . Address for service - Matthew Sulman & Associates 63 Waldheim Street ANNERLEY QLD 4103 AU

2014329659 **Elbex Video Ltd.** An application to extend the time from 01 Oct 2018 to 01 Jun 2019 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016101755 **Blue Gold 888 Pty Ltd** An application to extend the time from 04 Oct 2018 to 04 May 2019 in which to pay the renewal fee has been filed . Address for service - Mark Gardener 89 Lake Weyba Drive Noosaville QLD 4566 AU

2016204128 **LC Industry Pty Ltd** An application to extend the time from 21 Mar 2018 to 21 Jan 2020 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Bellator Patent & Trade Mark Attorneys PO Box 515 Mosman NSW 2088 AU

2016204283 **Bally Gaming, Inc.** An application to extend the time from 26 Aug 2019 to 26 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018220047 **Amicus Therapeutics, Inc.** An application to extend the time from 30 May 2017 to 30 Aug 2018 in which to extend the grace period has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2018282411 **RMW CHO Group Limited** An application to extend the time from 29 Jun 2018 to 29 Dec 2018 in which to make a further ap-

Extensions of Time, Section 223

plication for a divisional patent has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019100392 **Howship, B.** An application to extend the time from 19 Nov 2018 to 19 Apr 2019 in which to associate with a complete application has been filed . Address for service - Bradley Howship 205/12 Harvey St Darwin NT 0800 AU

Applications Allowed - Section 223(2)

2014

2014234105 **Chromocell Corporation** The time in which to pay the acceptance fee has been extended to 03 May 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd L 20 324 Queen ST Brisbane QLD 4000 AU

2015

2015394594 **Auto Drive Solutions S.L.** The time in which to request examination has been extended to 11 May 2019 . Address for service - mdp Patent and Trade Mark Attorneys Level 4, 91 William Street Melbourne VIC 3000 AU

2016

2016203796 **Normanby Fibreglass Limited** The time in which to request Examination has been extended to 05 May 2019 . Address for service - CreatelP PO Box 21445 Edgeware Christchurch 8143 NZ

2019

2019200732 **Apple Inc.** The time in which to make a further application for a divisional patent has been extended to 01 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019201048 **Murray and Poole Enterprises Limited** The time in which to make a further application for a divisional patent has been extended to 08 Mar 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019201083 **Robert Bosch GmbH** The time in which to claim the convention priority date has been extended to 22 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019201925 **Mestek Machinery, Inc.** The time in which to claim the convention priority date has been extended to 22 Apr 2019 . Address for service - AJ Pietras & Co PO Box 30173 Lower Hutt Wellington 5040 NZ

2019202103 **Loma Vista Medical, Inc.** The time in which to make a further application for a divisional patent has been extended to 20 Apr 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

Amendments

Applications for Amendment

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this

Amendments

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

2003223007 Antibodies specific for human CD22 and their therapeutic and diagnostic uses **UCB Pharma S.A.** The nature of the amendment is as shown in the statement(s) filed 26 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2009

2009274158 Series of skin-whitening (lightening) compounds **Unigen, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2013

2013202648 Compositions, methods and uses for alpha-1 antitrypsin fusion molecules **Konkuk University ; The Regents of the University of Colorado, a Body Corporate ; Omni Bio Pharmaceutical, Inc.** The nature of the amendment is: Amend the name of the inventor to read Dinarello, Charles A.; and Kim, SooHyun . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013291765 Enzyme construct **Oxford Nanopore Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013326300 Improvements in or relating to scanning laser ophthalmoscopes **Optos PLC** The nature of the amendment is: Amend the name of the inventor to read Brown, William; Corcoran, Anthony; Swan, Derek and Sullivan, Michael E. . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2013351879 Method for imparting filtering capability in electrolytic cell for wastewater treatment **Axine Water Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2014

2014202070 Apparatus and method for preparing spherical shaped products **VEMAG Maschinenbau GmbH** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014249243 Antigen binding constructs to CD8 **ImaginAb, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2019 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2014262629 Pedal board stage connection system for musical instruments **Mayo, G. ; Maida, J.** The nature of the amendment is: Amend the name of the inventor to read Mayo, Gerard and Maida,

Amendments

James . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014277774 System, Method and Apparatus for Automated Incubation **GEN-PROBE INCORPORATED** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2018 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2014346624 Pesticide emulsion concentrates containing natural or petroleum derived oils and methods of use **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2014372983 Methods and systems for nucleic acid amplification **Coyote Bioscience Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015

2015274781 Metabotropic glutamate receptor negative allosteric modulators (NAMs) and uses thereof **Sanford-Burnham Medical Research Institute** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016203502 GROUND ENGAGING TOOLS **Simco Mining Products and Services Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Apr 2019 . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2016213712 BURNER ASSEMBLY **Lennox Industries Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016338753 Extended use zirconium silicate compositions and methods of use thereof **ZS Pharma, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 May 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017

2017239565 DIGITAL FINGERPRINT TRACKING **Alarm.com Incorporated** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018

2018101847 The ConsortImmobiliser is a broad immobiliser solution that provides for multi-user interphase local and remote immobilisation, tracking, and geo-fencing of uniquely identified and authenticated vehicle over a secure communication channel. **MKPRO ENGINEERING PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Akindeju, Michael and Akindeju, Gabriel . Address for service - MKPRO ENGINEERING PTY LTD PO Box 4196 Alfredton VIC 3350 AU

Amendments Made

Amendments

2010

2010286347 **Aranooc Pty Ltd** The nature of the amendment is as shown in the statement filed 27 Sep 2018

2012

2012338461 **Jawaharlal Nehru Centre for Advanced Scientific Research** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2018

2013

2013260683 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 04 Feb 2019

2013261883 **Covestro Deutschland AG** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 24 Jan 2019

2013292312 **Wayne Fueling Systems LLC** The nature of the amendment is as shown in the statement filed 06 Feb 2019

2014

2014210897 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 31 Jan 2019

2014247189 **Polyphor AG** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019

2014262374 **Technological Resources Pty Ltd** The nature of the amendment is as shown in the statement filed 31 Jan 2019

2014271193 **Crisalis International Pty Ltd** The nature of the amendment is as shown in the statement filed 13 Nov 2018

2014331863 **Alios BioPharma, Inc.** The nature of the amendment is as shown in the statement filed 31 Jan 2019

2014360374 **UT-Battelle, LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2019

2014360452 **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement filed 29 Jan 2019

2014368945 **3-V Biosciences, Inc.** The nature of the amendment is as shown in the statement filed 05 Feb 2019

2015

2015201868 **General Electric Company** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 and 21 Jan 2019

2015202917 **Ezyroll Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101958

2015241276 **Microsoft Technology Licensing, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019

2015294513 **Arkion Life Sciences, LLC; The United States of America, as represented by the Secretary of Agriculture** The

Amendments

nature of the amendment is as shown in the statement(s) filed 22 Jan 2019

2015346575 **Bill & Melinda Gates Foundation** The nature of the amendment is as shown in the statement filed 18 Dec 2018

2015367396 **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement filed 07 Feb 2019

2015408750 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019

2015412489 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Traveling body and work vehicle

2015415001 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Refrigeration Cycle Apparatus

2016

2016225774 **iRobot Corporation** The nature of the amendment is as shown in the statement filed 30 Jan 2019

2016240764 **Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is as shown in the statement filed 22 Jan 2019

2016260680 **Yara Dallol BV** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2019

2016288484 **NUMAB BIOPHARMACEUTICALS (HANGZHOU) LTD.** The nature of the amendment is: Amend the invention title to read INTERLEUKIN-15 FUSION PROTEINS FOR TUMOR TARGETING THERAPY

2016313174 **Newpark Mats & Integrated Services LLC** The nature of the amendment is as shown in the statement filed 14 Feb 2019

2016323590 **The ESAB Group, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019

2016397057 **Spark IP Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2019

2016424023 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read MEASUREMENT CONFIGURATION METHOD AND APPARATUS

2016427017 **Gojo Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read Greboval, Elodie; El Yacoubi, Kamel; Matsuda, Anne; Moreau, Magali and Forest, Johanna

2017

2017201397 **Leeming, J.; McCann, S.; Hayman, D.** The nature of the amendment is: Amend the name of the inventor to read Leeming, Jennifer Jane and Hayman, James Donald

Amendments

2017202246 **i4c Innovations Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019

2017202391 **ClearMotion Acquisition I LLC** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019

2017202937 **Oates & Family Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101856

2017219100 **AbbVie Inc.** The nature of the amendment is as shown in the statement filed 11 Feb 2019

2017226510 **Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 12 Feb 2019

2017228722 **Thayaparan, B.** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2019; 27 Apr 2019 and 28 Apr 2019

2017279607 **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019

2017302172 **Soletanche Freyssinet** The nature of the amendment is: Amend the invention title to read Improved method for producing a ballast weight

2017308756 **Instrumentation Laboratory Company** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2019

2017317452 **Bioverde Inc.** The nature of the amendment is: Amend the invention title to read Composition for cryopreservation of bovine reproductive cells and cryopreservation method thereof

2017321682 **Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology** The nature of the amendment is: Amend the priority details to read 17305896.7 10 Jul 2017 EP; 62/425,726 23 Nov 2016 US and 62/382,501 01 Sep 2016 US

2017325241 **Toray Industries, Inc.; Nippon Telegraph and Telephone Corporation** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2019

2017328953 **ArcherDX, Inc.** The nature of the amendment is: Amend the name of the inventor to read Stahl, Joshua; Myers, Jason; Culver, Brady and KUDLOW, Brian

2017331880 **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Underwater Sailing Body and Method of Controlling Posture of Underwater Sailing Body

2017332408 **Hanmi Pharm. Co., Ltd.; Sanofi-Aventis Deutschland GmbH** The nature of the amendment is: Amend the invention title to read Insulin analogs with reduced affinity to insulin receptor and use thereof

2017345353 **Descansare Sleep Lab, S.L.** The nature of the amendment is: Amend the invention title to read Method and system for improving sleep quality and mattress comprising the system

Amendments

2017345565 **Precision Planting LLC** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2019

2017356784 **CR Development AB** The nature of the amendment is: Amend the name of the inventor to read Lasic, Samo; Topgaard, Daniel; Nilsson, Markus and Lundell, Hans Magnus Henrik

2017356785 **CR Development AB** The nature of the amendment is: Amend the name of the inventor to read Lasic, Samo; Topgaard, Daniel; Nilsson, Markus and Lundell, Hans Magnus Henrik

2017402917 **Nippon Steel & Sumikin Coated Sheet Corporation** The nature of the amendment is: Amend the invention title to read Building Structure

2018

2018101344 **Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Amend the name of the inventor to read Quinn, James; Soldenhoff, Karin and Brennan, Ashley

2018201144 **K2M, Inc.** The nature of the amendment is as shown in the statement filed 08 Feb 2019

2018287603 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Steel plate

2019

2019202981 **MacDon Industries Ltd.** The nature of the amendment is: Amend Divisional Details to add PCT/CA2017/051494

2019202982 **MacDon Industries Ltd.** The nature of the amendment is: Amend Divisional Details to add PCT/CA2017/051494

2019202983 **MacDon Industries Ltd.** The nature of the amendment is: Amend Divisional Details to add PCT/CA2017/051496

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

2000

2000041748 **pSivida US, Inc.** The name of the patentee has been altered to **EyePoint Pharmaceuticals US, Inc.**

2003

2003220713 **Bayer Industry Services GmbH & Co. OHG** The name of the patentee has been altered to **Currenta GmbH & Co. OHG**

2008

2008312571 **Unico, Inc.** The name of the patentee has been altered to **Unico, LLC**

2010

2010212312 **AntriaBio, Inc.** The name of the patentee has been altered to **Rezolute, Inc.**

2010334929 **Piramal Imaging SA** The name of the patentee has been altered to **Life Molecular Imaging SA**

Amendments

2011

2011260411 Piramal Imaging SA The name of the patentee has been altered to **Life Molecular Imaging SA**

2011260421 Piramal Imaging SA The name of the patentee has been altered to **Life Molecular Imaging SA**

2012

2012246686 LEKTRO, INC. The name of the patentee has been altered to **JBT Lektro, Inc.**

2012274076 Piramal Imaging SA The name of the patentee has been altered to **Life Molecular Imaging SA**

2012283132 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2012297137 Piramal Imaging SA The name of the patentee has been altered to **Life Molecular Imaging SA**

2012356551 Centre National de la Recherche Scientifique; Universite Montpellier 2 Sciences et Techniques The name of the patentee has been altered to **Centre National de la Recherche Scientifique; Université de Montpellier**

2013

2013207645 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2013341473 Unico, Inc.; Peterson, Ronald The name of the patentee has been altered to **Unico, LLC; Peterson, R.**

2014

2014241404 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2014241788 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2014281026 President and Fellows of Harvard College; Massachusetts Institute of Technology; The Broad Institute Inc. The name of the applicant has been altered to **President and Fellows of Harvard College; Massachusetts Institute of Technology; The Broad Institute, Inc.**

2014281027 President and Fellows of Harvard College; Massachusetts Institute of Technology; The Broad Institute Inc. The name of the applicant has been altered to **President and Fellows of Harvard College; Massachusetts Institute of Technology; The Broad Institute, Inc.**

2014290361 Taurus Biosciences, Inc The name of the applicant has been altered to **Taurus Biosciences, LLC**

2015

2015209239 TP Therapeutics, Inc. The name of the applicant has been altered to **Turning Point Therapeutics, Inc.**

Amendments

2015252705 Vineland Research and Innovations Centre Inc. The name of the patentee has been altered to **Vineland Research and Innovations Centre**

2015256007 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2015288014 AntriaBio, Inc. The name of the applicant has been altered to **Rezolute, Inc.**

2015303493 F. E. Schulte Strathaus GmbH & Co. KG The name of the applicant has been altered to **Schulte Strathaus GmbH & Co. KG Fördertechnik Dichtungssysteme**

2015309636 Vineland Research and Innovations Centre Inc. The name of the patentee has been altered to **Vineland Research and Innovations Centre**

2015340370 Glythera Limited The name of the applicant has been altered to **Iksuda Therapeutics Limited**

2015355180 AntriaBio, Inc. The name of the applicant has been altered to **Rezolute, Inc.**

2015362922 Unico, Inc. The name of the patentee has been altered to **Unico, LLC**

2016

2016270302 AntriaBio, Inc. The name of the applicant has been altered to **Rezolute, Inc.**

2016276754 Unico, Inc. The name of the applicant has been altered to **Unico, LLC**

2016287568 TP Therapeutics, Inc. The name of the applicant has been altered to **Turning Point Therapeutics, Inc**

2016289454 TP Therapeutics, Inc. The name of the applicant has been altered to **Turning Point Therapeutics, Inc.**

2016296878 TP Therapeutics, Inc. The name of the applicant has been altered to **Turning Point Therapeutics, Inc**

2016302254 ENB Therapeutics, LLC The name of the applicant has been altered to **ENB Therapeutics, Inc.**

2016327589 Cryovac, Inc.; Furukawa MFG. Co., Ltd. The name of the applicant has been altered to **Cryovac, LLC; Furukawa MFG. Co., Ltd.**

2016338398 Unico, Inc. The name of the applicant has been altered to **Unico, LLC**

2016369655 IntelliFarm, Inc. The name of the applicant has been altered to **RealmFive, Inc.**

Amendments**2017**

2017201397 Hayman, Donald; Leeming, Jennifer; McCann, Stephen The name of the applicant has been altered to **Hayman, J.; Leeming, J.; McCann, S.**

2017266957 Volta Networks The name of the applicant has been altered to **Volta Networks, Inc.**

2017304971 Nippon Steel & Sumitomo Metal Corporation; Dai-Ichi High Frequency Co., Ltd. The name of the applicant has been altered to **Nippon Steel Corporation; Dai-Ichi High Frequency Co., Ltd.**

2017304972 Nippon Steel & Sumitomo Metal Corporation; Dai-Ichi High Frequency Co., Ltd. The name of the applicant has been altered to **Nippon Steel Corporation; Dai-Ichi High Frequency Co., Ltd.**

2017321980 Envisia Therapeutics, Inc. The name of the applicant has been altered to **Aerie Pharmaceuticals, Inc.**

2018

2018208651 Cryovac, Inc. The name of the applicant has been altered to **Cryovac, LLC**

2018226492 Unico, Inc. The name of the applicant has been altered to **Unico, LLC**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Inc.
(11) AU-A-2019202725
(21) 2019202725 (22) 17.04.2019
(54) Prolactin receptor binding proteins and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 16.05.2019
(62) 2013370548
(72) ANDERSON, Mark; WANG, Jieyi; THAKUR, Archana; CHAO, Debra; HSIEH, Chung-Ming; ZHANG, Qian; REILLY, Edward B.; DIGIAMMARINO, Enrico L.; LONGENECKER, Kenton L.; JUDGE, Russell A.; EGAN, David A.; HUTCHINS, Charles W.
(74) Spruson & Ferguson

(71) AbSci, LLC
(11) AU-A-2019202844
(21) 2019202844 (22) 23.04.2019
(54) Inducible coexpression system
(51) Int. Cl.
C12N 15/70 (2006.01)
(43) 16.05.2019
(62) 2013299910
(72) McClain, Sean; Valasek, Mark
(74) Watermark Intellectual Property Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2018236796
(21) 2018236796 (22) 27.09.2018
(54) MULTI-DIMENSIONAL VISUALIZATION AND RESOURCE EVALUATION SYSTEM
(51) Int. Cl.
G06F 3/048 (2013.01)
G06F 17/50 (2006.01)
G06Q 10/00 (2012.01)
G06Q 10/06 (2012.01)
G06Q 90/00 (2006.01)
G06T 19/00 (2011.01)
(31) 15/798,879 (32) 31.10.17 (33) US
(43) 16.05.2019
(72) HAMILTON, Mary Elizabeth; DYER, Taurean
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2018241117
(21) 2018241117 (22) 04.10.2018
(54) HYBRID BOT FRAMEWORK FOR ENTERPRISES
(51) Int. Cl.
H04L 12/70 (2013.01)
G06F 15/16 (2006.01)
G06F 17/28 (2006.01)

G06F 21/62 (2013.01)
G06N 99/00 (2010.01)
(31) 15/797,954 (32) 30.10.17 (33) US
(43) 16.05.2019
(72) SALAMEH, Tariq Mohammad; TORNIELLI, Michele
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2019202728
(21) 2019202728 (22) 17.04.2019
(54) AUTOMATED TICKET RESOLUTION
(51) Int. Cl.
G06F 16/00 (2019.01)
G06Q 10/10 (2012.01)
G07B 5/00 (2006.01)
(43) 16.05.2019
(62) 2018201374
(72) SRIVASTAVA, Krupa; Koushik, Vijayaraghavan; PRASAD, Rajendra T.; NATESAN, VijayChandar; PAPPU, Rajesh; BAIKADY, Chetan Kumar; GOLDING, David; HIGGINS, Luke; WHINE, Leon; ZION, Raanan; SANKARARAMAN, Sunder; RANGARAJAN, KrishnaKumar Dorai; SELVARAJ, Radhu; PARAMASIVAM, Lakshmi; NAGARAJAN, Udayakumar; NARAYANAN, Parvatha; ATHINARAYANAN, Chandrasekhar; VENUGOPAL, Senthil Kumar; RANGASWAMY, Srinivasan
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2019202750
(21) 2019202750 (22) 18.04.2019
(54) AUTOMATIC ANALYSIS OF A TECHNICAL CAPABILITY
(51) Int. Cl.
G06Q 10/06 (2012.01)
(43) 16.05.2019
(62) 2018201268
(72) SHETH, Mallory; BROOK, Elliot; BERKEY, Robert E.; ALISTER, Scott; VASKE, Chad; JONES, Powell; CASTRO, Antonio
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2019202829
(21) 2019202829 (22) 23.04.2019
(54) ARTIFICIAL INTELLIGENCE DIGITAL AGENT
(51) Int. Cl.
G06N 5/04 (2006.01)
G06Q 50/10 (2012.01)
(43) 16.05.2019
(62) 2018201387
(72) MAGA, Matteo Luca; SALAMEH, Tariq Mohammad; ROSSI, Federica
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2019202867
(21) 2019202867 (22) 24.04.2019
(54) SMART ADVISORY FOR DISTRIBUTED AND COMPOSITE TESTING TEAMS BASED ON PRODUCTION DATA AND ANALYTICS
(51) Int. Cl.
G06F 9/44 (2018.01)
(43) 16.05.2019
(62) 2018200643
(72) SINGI, Kapil; DUBEY, Alpna; KAUL-GUD, Vikrant
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2019202916
(21) 2019202916 (22) 26.04.2019
(54) QUANTUM COMPUTING IMPROVEMENTS TO TRANSPORTATION
(51) Int. Cl.
G06N 99/00 (2010.01)
(43) 16.05.2019
(62) 2018201947
(72) DUKATZ, Carl Matthew; PARTHASARATHY, Sonali; YELISETTY, Srinivas; FORRESTER, Lascelles
(74) Murray Trento & Associates Pty Ltd

(71) Acciona Energia, S.A.
(11) AU-A-2019202751
(21) 2019202751 (22) 18.04.2019
(54) Method for Controlling Power Fluctuation Ramps having Energy Storage Systems in Plants for Intermittent Energy Generation
(51) Int. Cl.
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
(43) 16.05.2019
(62) 2013401409
(72) PADROS RAZQUIN, Maria Asuncion; RABAL ECHEVARRIA, Daniel; MARROYO PALOMO, Luis; MARCOS ALVAREZ, Javier; BERAZALUCE, Inigo; CUESTA, David
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Acclarent, Inc.
(11) AU-A-2018241161
(21) 2018241161 (22) 05.10.2018
(54) SUCTION INSTRUMENT WITH BI-POLAR RF CUFF
(51) Int. Cl.
A61B 18/14 (2006.01)
(31) 15/797,091 (32) 30.10.17 (33) US

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(43) 16.05.2019
(72) Palushi, Jetmir; Fang, Itzhak; Salazar, Henry R.
(74) Spruson & Ferguson

(71) Adamis Pharmaceuticals Corporation
(11) AU-A-2019202893
(21) 2019202893 (22) 24.04.2019
(54) Powder mixing apparatus and method of use
(51) Int. Cl.
B01F 5/10 (2006.01)
B01F 3/18 (2006.01)
B01F 13/02 (2006.01)

(43) 16.05.2019
(62) 2016331784
(72) Stein, Stephen W.; Mueting, Michael W.; Chiou, Herbert C.; Stefely, James S.
(74) K&L Gates

(71) Adobe Inc.
(11) AU-A-2018213999
(21) 2018213999 (22) 07.08.2018
(54) DEEP SALIENT OBJECT SEGMENTATION
(51) Int. Cl.
G06K 9/46 (2006.01)
G06K 9/62 (2006.01)
(31) 15/799,395 (32) 31.10.17 (33) US
(43) 16.05.2019
(72) Lin, Zhe; Shen, Xiaohui; Zhang, Jianming; Yang, Jimei; Lu, Xin; Liu, Chenxi; Chien, Jen-Chan
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AFINITI EUROPE TECHNOLOGIES LIMITED
(11) AU-A-2019202965
(21) 2019202965 (22) 29.04.2019
(54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM
(51) Int. Cl.
G06Q 10/06 (2012.01)
H04M 3/523 (2006.01)
(43) 16.05.2019
(62) 2017252021
(72) CHISHTI, Zia
(74) AJ PARK

(71) Ainsworth Game Technology Limited
(11) AU-A-2017258878
(21) 2017258878 (22) 08.11.2017
(54) A gaming machine and method with a bonus symbol array
(51) Int. Cl.
A63F 13/00 (2014.01)
(31) 15/802,428 (32) 02.11.17 (33) US
(43) 16.05.2019
(72) Cormack, William George
(74) Shelston IP Pty Ltd.

(71) AKER Biomarine Antarctic AS
(11) AU-A-2019202956

(21) 2019202956 (22) 27.04.2019
(54) BIO EFFECTIVE KRILL OIL COMPOSITIONS
(51) Int. Cl.
A61K 35/60 (2006.01)
(43) 16.05.2019
(62) 2017201340
(72) Mancinelli, Daniele; Bruheim, Inge; Tilseth, Snorre; Griinari, Mikko; Banni, Sebastiano; Cohn, Jeffrey
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alpharma Pharmaceuticals, LLC
(11) AU-A-2019202760
(21) 2019202760 (22) 18.04.2019
(54) PHARMACEUTICAL COMPOSITION
(51) Int. Cl.
A01N 43/42 (2006.01)
A61K 9/28 (2006.01)
A61K 31/44 (2006.01)

(43) 16.05.2019
(62) 2018219999
(72) Liang, Alfred; Matthews, Frank; Boehm, Garth; Tang, Lijuan; Johnson, Frank; Stauffer, Joseph
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ALSTOM Transport Technologies
(11) AU-A-2018250530
(21) 2018250530 (22) 22.10.2018
(54) Method for controlling the access to a secure area of an equipment, associated computer program, computer medium and equipment
(51) Int. Cl.
G06F 21/34 (2013.01)
(31) 17 60159 (32) 27.10.17 (33) FR
(43) 16.05.2019
(72) Degeneve, Xavier; Fouques, Baptiste
(74) Davies Collison Cave Pty Ltd

(71) AMCOR LIMITED
(11) AU-A-2019202823
(21) 2019202823 (22) 23.04.2019
(54) PRODUCTION OF FLEXIBLE FILMS
(51) Int. Cl.
B65B 61/12 (2006.01)
B26F 3/00 (2006.01)
B29C 59/02 (2006.01)
B32B 3/30 (2006.01)
B32B 33/00 (2006.01)
B32B 38/04 (2006.01)
B65B 43/06 (2006.01)
B65D 30/08 (2006.01)

(43) 16.05.2019
(62) 2016269403
(72) WAYCOTT, RAY GLENNY; CAREW, DAVID LEE
(74) Griffith Hack

(71) Amgen Inc.
(11) AU-A-2019202863
(21) 2019202863 (22) 24.04.2019
(54) AUTOINJECTOR APPARATUS
(51) Int. Cl.

A61M 5/24 (2006.01)
(43) 16.05.2019
(62) 2018253467
(72) Denzer, Michael; Swift, Robert W.; Johnston, Neal; Ganzitti, Gabriele; Ewing, Kenneth R.; Suhas, Krishna
(74) Phillips Ormonde Fitzpatrick

(71) Aneeta Window Systems (Vic) Pty Ltd
(11) AU-A-2018256485
(21) 2018256485 (22) 30.10.2018
(54) KEYLOCK ARRANGEMENT
(51) Int. Cl.
E05B 19/04 (2006.01)
(31) 2017904447 (32) 01.11.17 (33) AU
(43) 16.05.2019
(72) Phillips, David; Nielsen, Lars
(74) Shelston IP Pty Ltd.

(71) Angel Playing Cards Co., Ltd.
(11) AU-A-2019202813
(21) 2019202813 (22) 22.04.2019
(54) FRAUD DETECTION SYSTEM IN CASINO
(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2006.01)
(43) 16.05.2019
(62) 2017208255
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Anpac Bio-Medical Science Co., Ltd.
(11) AU-A-2019202700
(21) 2019202700 (22) 17.04.2019
(54) MICRO-DEVICES FOR DISEASE PROTECTION
(51) Int. Cl.
G01N 21/17 (2006.01)
G01N 27/26 (2006.01)
G01N 33/50 (2006.01)
G01N 33/52 (2006.01)
(43) 16.05.2019
(62) 2017200348
(72) Yu, Chris Chang; Du, Xuedong
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Apple Inc.
(11) AU-A-2019202417
(21) 2019202417 (22) 08.04.2019
(54) Devices and methods for navigating between user interfaces
(51) Int. Cl.
G06F 3/0484 (2013.01)
G09G 5/00 (2006.01)
(43) 16.05.2019
(62) 2017201079
(72) ALONSO RUIZ, Marcos; KAR-UNAMUNI, Chanaka G.; DASCOLA, Jonathan R.; BAUER, Sebastian J.; CATO, Andrew B.; CHAUDHRI, Imran A.; FEDERIGHI, Craig M.; FOSS, Christopher P.; GAMBLE, Matthew H.; GUTKNECHT, Olivier D.R.; HAGED-

Applications Open to Public Inspection - Name Index cont'd

ORN, Joseph A.; JUREWITZ, Michael
T.; LEMAY, Stephen O.; WELLS, Nicole
M.; WESTERMAN, Wayne C.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019202701
(21) 2019202701 (22) 17.04.2019
(54) Network slice selection
(51) Int. Cl.
H04W 12/06 (2009.01)
(43) 16.05.2019
(62) 2016379814
(72) HU, Haijing; WANG, Haining; ZHANG,
Dawei; LIANG, Huarui
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019202866
(21) 2019202866 (22) 24.04.2019
(54) Case with inductive charging system to
charge a portable device
(51) Int. Cl.
A45C 13/34 (2006.01)
H04M 1/725 (2006.01)
H04W 4/20 (2009.01)
H04W 88/02 (2009.01)
H04W 92/18 (2009.01)
(43) 16.05.2019
(62) 2019200417
(72) CHAWAN, Arun D.; PANECKI, Lee M.;
ZÖRKENDÖRFER, Rico L.; STIEHL,
Kurt; GRAHAM, Christopher S.;
WALTON, Christopher J.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2019202777
(21) 2019202777 (22) 18.04.2019
(54) Surgical stapler with partial pockets
(51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/064 (2006.01)
(43) 16.05.2019
(62) 2014236486
(72) HOPKINS, Timothy; GADBERRY,
Donald L.; BECERRA, Matthew M.;
JASEMIAN, Babek; JOHNSON, Gary
M.; DECKER, Steven E.
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202717
(21) 2019202717 (22) 17.04.2019
(54) Gaming machine, linked gaming sys-
tem and method with variable eligibility
for an award
(51) Int. Cl.
A63F 13/45 (2014.01)
A63F 13/30 (2014.01)
(43) 16.05.2019
(62) 2017201004
(72) PIRES, Claudio Dias
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202723
(21) 2019202723 (22) 17.04.2019
(54) ELECTRONIC GAMING SYSTEM
WITH DYNAMIC RETURN TO PLAYER
AND METHOD OF USE
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(43) 16.05.2019
(62) 2017228591
(72) PENACHO, Gary Joseph; POWER,
Kieran
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202729
(21) 2019202729 (22) 17.04.2019
(54) A GAMING SYSTEM AND METHOD
OF GAMING
(51) Int. Cl.
A63F 13/00 (2006.01)
G07F 17/34 (2006.01)
(43) 16.05.2019
(62) 2017200946
(72) CURTIN, John Andrew
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202739
(21) 2019202739 (22) 18.04.2019
(54) Gaming machine with symbol-specific
multipliers
(51) Int. Cl.
A63F 13/00 (2006.01)
G07F 17/34 (2006.01)
(43) 16.05.2019
(62) 2017204227
(72) CHAN, Matthew
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202753
(21) 2019202753 (22) 18.04.2019
(54) COMPETITIVE GAMING METHOD
AND SYSTEM
(51) Int. Cl.
A63F 3/06 (2006.01)
G07F 17/32 (2006.01)
(43) 16.05.2019
(62) 2017258918
(72) FONG, Colin
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202846
(21) 2019202846 (22) 23.04.2019
(54) A GAMING SYSTEM AND A METHOD
OF GAMING
(51) Int. Cl.
A63F 13/00 (2006.01)
A63F 9/24 (2006.01)

(43) 16.05.2019
(62) 2017201269
(72) Muir, Robert; Lyons, Martin
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2019202954
(21) 2019202954 (22) 26.04.2019
(54) A GAMING SYSTEM AND METHOD
OF GAMING
(51) Int. Cl.
A63F 13/00 (2006.01)
(43) 16.05.2019
(62) 2017203788
(72) Fong, Colin; Walker, Peter Leslie
(74) Griffith Hack

(71) AstraZeneca AB
(11) AU-A-2019202675
(21) 2019202675 (22) 17.04.2019
(54) (2S)-N-[(1S)-1-CY-
ANO-2-PHENYLETHYL]-1,4-
OXAZEPANE-2-CARBOXAMIDES AS
DIPEPTIDYL PEPTIDASE I INHIBIT-
ORS
(51) Int. Cl.
C07D 267/10 (2006.01)
A61K 31/553 (2006.01)
A61P 11/00 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/12 (2006.01)
(43) 16.05.2019
(62) 2018202956
(72) Lönn, Hans Roland; Connolly, Steph-
en; Swallow, Steven; Karlsson, Staffan
P.O.; Aurell, Carl-Johan; Pontén, John
Fritiof; Doyle, Kevin James; Van De
Poël, Amanda Jane; Jones, Graham
Peter; Watson, David Wyn; Macritchie,
Jaqueline Anne; Palmer, Nicholas John
(74) Phillips Ormonde Fitzpatrick

Avery Dennison Materials Belgium SPRL
see PPG Coatings Europe B.V.
(21) 2019202920

(71) Ballance Agri-Nutrients Limited
(11) AU-A-2019202705
(21) 2019202705 (22) 17.04.2019
(54) PARTICULATE NITRIFICATION INHIB-
ITOR SYSTEMS
(51) Int. Cl.
C05G 3/08 (2006.01)
C05B 1/00 (2006.01)
C09K 15/00 (2006.01)
C09K 15/02 (2006.01)
C09K 15/22 (2006.01)
C09K 17/04 (2006.01)
C09K 17/40 (2006.01)
C09K 17/42 (2006.01)
(43) 16.05.2019
(62) 2017204234
(72) Smith, John Terrence
(74) AJ PARK

Applications Open to Public Inspection - Name Index cont'd

(71) Bally Gaming, Inc.
 (11) AU-A-2019202772
 (21) 2019202772 (22) 18.04.2019
 (54) Method and apparatus for shuffling and handling cards
 (51) Int. Cl.
A63F 1/12 (2006.01)
 (43) 16.05.2019
 (62) 2015243167
 (72) SAMPSON David E.; FORTE Steven L.
 (74) Spruson & Ferguson

(71) BARTEC GmbH
 (11) AU-A-2018250434
 (21) 2018250434 (22) 18.10.2018
 (54) A Device for Use in Explosive Atmosphere Zone
 (51) Int. Cl.
F16P 7/00 (2006.01)
 (31) 10 2017 010 107.8 (32) 26.10.17 (33) DE
 (43) 16.05.2019
 (72) Emmert, Wolfgang; Kuhn, Sebastian; Lanig, Ralph
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 (21) 2019202888

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 (21) 2019202970

(71) Baxalta Incorporated; Baxalta GmbH
 (11) AU-A-2019202888
 (21) 2019202888 (22) 24.04.2019
 (54) Biologically active peptides
 (51) Int. Cl.
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
 (43) 16.05.2019
 (62) 2017201431
 (72) SCHEIFLINGER, Friedrich; DOCKAL, Michael
 (74) Spruson & Ferguson

(71) Baxalta Incorporated; Baxalta GmbH
 (11) AU-A-2019202970
 (21) 2019202970 (22) 29.04.2019
 (54) Therapeutic Proteins with increased half-life and methods of preparing same
 (51) Int. Cl.
A61K 38/38 (2006.01)
A61K 38/55 (2006.01)
 (43) 16.05.2019
 (62) 2017239551
 (72) SIEKMANN, Juergen; WEBER, Alfred; ROTTENSTEINER, Hanspeter; TURECEK, Peter
 (74) Spruson & Ferguson

(71) Bayer Pharma Aktiengesellschaft
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 (54) Substituted piperidinyl-tetrahydroquinolines and their use as alpha-2c adrenoreceptor antagonists

(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/541 (2006.01)
A61P 7/00 (2006.01)
A61P 9/00 (2006.01)
A61P 17/02 (2006.01)
C07D 413/14 (2006.01)
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C07D 491/107 (2006.01)

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 (74) Griffith Hack

(71) Becton, Dickinson and Company
 (11) AU-A-2019202949
 (21) 2019202949 (22) 26.04.2019
 (54) Biological fluid collection device
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/153 (2006.01)
 (43) 16.05.2019
 (62) 2016279093
 (72) Edelhauser, Adam; Torris, Anthony V.; Ellis, Robert G.; Wilkinson, Bradley M.; Pratt, Joseph Nathan; Korec, Bartosz Marek
 (74) FB Rice Pty Ltd

(71) Bedloe Industries LLC
 (11) AU-A-2019202938
 (21) 2019202938 (22) 26.04.2019
 (54) Use of no-bake mold process to manufacture railroad couplers
 (51) Int. Cl.
B61G 3/04 (2006.01)
B22C 1/22 (2006.01)
 (43) 16.05.2019
 (62) 2016256795
 (72) NIBOUAR, F. Andrew; SMERECKY, Jerry R.; SELLBERG, Ronald P.; GIBBEAUT, Arthur A.
 (74) Griffith Hack

(71) Bedloe Industries LLC
 (11) AU-A-2019202945
 (21) 2019202945 (22) 26.04.2019
 (54) Use of no-bake mold process to manufacture railroad couplers
 (51) Int. Cl.
B61G 3/04 (2006.01)
B22C 1/22 (2006.01)
 (43) 16.05.2019
 (62) 2016256795
 (72) NIBOUAR, F. Andrew; SMERECKY, Jerry R.; SELLBERG, Ronald P.; GIBBEAUT, Arthur A.
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 (54) Apparatus for Measuring Cover Thickness of Conveyor Belting
 (51) Int. Cl.
B65G 43/02 (2006.01)
B65G 15/32 (2006.01)
G01B 17/02 (2006.01)
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 (72) BROWN, Barry Charles; JANEVESKI, Robert
 (74) Fraser Old & Sohn

(71) Beyond Lighting Pty Ltd
 (11) AU-A-2019202903
 (21) 2019202903 (22) 24.04.2019
 (54) Compact modular light fitting unit
 (51) Int. Cl.
F21S 8/04 (2006.01)
F21V 7/00 (2006.01)

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 (62) 2014317804
 (72) Turnbull, Allan
 (74) Shelston IP Pty Ltd.

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 (21) 2019202831

(71) biOasis Technologies Inc.
 (11) AU-A-2019202704
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 (54) Fragments of p97 and uses thereof
 (51) Int. Cl.
C07K 14/79 (2006.01)
 (43) 16.05.2019
 (62) 2014243816
 (72) Vitalis, Timothy; Gabathuler, Reinhard
 (74) Davies Collison Cave Pty Ltd

(71) BioIncept, LLC
 (11) AU-A-2019202741
 (21) 2019202741 (22) 18.04.2019
 (54) Compositions and methods for treating acute radiation syndrome
 (51) Int. Cl.
A61K 38/00 (2006.01)
 (43) 16.05.2019
 (62) 2015317771
 (72) BARNEA, Eytan R.
 (74) FB Rice Pty Ltd

(71) BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
 (11) AU-A-2019202864
 (21) 2019202864 (22) 24.04.2019
 (54) Antigen-specific T cell receptors and T cell epitopes
 (51) Int. Cl.
C07K 14/045 (2006.01)
A61K 39/00 (2006.01)
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Cl.**A61B 5/05** (2006.01)**A61B 5/042** (2006.01)**A61B 18/18** (2006.01)**A61M 25/10** (2013.01)**(31)** 15/764,287 **(32)** 26.10.17 **(33)** US**(43)** 16.05.2019**(72)** Govari, Assaf; Altmann, Andres Claudio**(74)** Spruson & Ferguson**(71)** Biosense Webster (Israel) Ltd.**(11)** AU-A-2018241160**(21)** 2018241160 **(22)** 05.10.2018**(54)** A POSITION-TRACKING-ENABLING CONNECTOR FOR AN EAR-NOSE-THROAT (ENT) TOOL**(51)** Int. Cl.**A61B 34/20** (2016.01)**A61B 1/00** (2006.01)**(31)** 15/795,169 **(32)** 26.10.17 **(33)** US**(43)** 16.05.2019**(72)** Govari, Assaf; Gliner, Vadim; Boumendi, Alon**(74)** Spruson & Ferguson**(71)** Bioerativ Therapeutics Inc.**(11)** AU-A-2019202969**(21)** 2019202969 **(22)** 29.04.2019**(54)** Factor VIII-Fc chimeric and hybrid polypeptides, and methods of use thereof**(51)** Int. Cl.**C07K 14/755** (2006.01)**A61K 38/37** (2006.01)**(43)** 16.05.2019**(62)** 2017268648**(72)** DUMONT, Jennifer A.; LOW, Susan; BITONTI, Alan J.; PIERCE, Glenn; LUK, Alvin; JIANG, Haiyan; MCKINNEY, Byron; OTTMER, Matt; SOMMER, Jurg; NUGENT, Karen; LI, Lian; PETERS, Robert**(74)** Spruson & Ferguson**(71)** Boehringer Ingelheim Animal Health USA Inc.**(11)** AU-A-2019202773**(21)** 2019202773**(22)** 18.04.2019**(54)** Anthelmintic Compounds, Compositions And Method Of Using Thereof**(51)** Int. Cl.**C07D 213/74** (2006.01)**A61K 31/496** (2006.01)**A61P 33/00** (2006.01)**C07D 401/12** (2006.01)**C07D 405/12** (2006.01)**C07D 409/12** (2006.01)**C07D 417/12** (2006.01)**C07D 487/04** (2006.01)**(43)** 16.05.2019**(62)** 2016209321**(72)** LONG, Alan; WILKINSON, Douglas Edward**(74)** FB Rice Pty Ltd**(71)** Boehringer Ingelheim Animal Health USA Inc.**(11)** AU-A-2019202978**(21)** 2019202978**(22)** 29.04.2019**(54)** Inline Avian Spray Applicator with Rapidly-Actuating Automatic Spray Nozzles**(51)** Int. Cl.**A61D 1/02** (2006.01)**A61D 7/00** (2006.01)**(43)** 16.05.2019**(62)** 2016263800**(72)** NGUYEN, Chien Dinh**(74)** FB Rice Pty Ltd**(71)** BRC Engines IP Pty Ltd**(11)** AU-A-2019201391**(21)** 2019201391 **(22)** 27.02.2019**(54)** IMPROVED COMBUSTION ENGINE AND METHOD**(51)** Int. Cl.**F02B 43/10** (2006.01)**F02B 43/04** (2006.01)**F02D 41/14** (2006.01)**F02D 41/30** (2006.01)**F02M 21/02** (2006.01)**(43)** 16.05.2019**(62)** PCT/AU2018/051077**(72)** Condon, Brendan Robert**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD**(71)** BRIEN HOLDEN VISION INSTITUTE**(11)** AU-A-2019202732**(21)** 2019202732 **(22)** 17.04.2019**(54)** LENS FOR MYOPIC EYE**(51)** Int. Cl.**G02C 7/06** (2006.01)**(43)** 16.05.2019**(62)** 2017200195**(72)** SANKARIDURG, Padmaja Rajagopal; FEDTKE, Cathleen; DONOVAN, Leslie Alan; SMITH III, Earl Leo; HO, Arthur; HOLDEN, Brien Anthony**(74)** Griffith Hack**(71)** Britax Childcare Pty Ltd**(11)** AU-A-2018256617**(21)** 2018256617**(22)** 01.11.2018**(54)** AN INSERT FOR A CHILD SAFETY SEAT**(51)** Int. Cl.**B60N 2/28** (2006.01)**(31)** 2017904464**(32)** 02.11.17 **(33)** AU**(43)** 16.05.2019**(72)** Maciejczyk, Wieslaw**(74)** Madderns Pty Ltd**(71)** CAC Nantong Chemical Co., LTD**(11)** AU-A-2018250429**(21)** 2018250429**(22)** 18.10.2018**(54)** Method for preparing azoxystrobin**(51)** Int. Cl.**C07D 239/52** (2006.01)**(31)** 201711049391.6 **(32)** 31.10.17 **(33)** CN**(43)** 16.05.2019**(72)** Yang, Binglian; Wang, Haishui; Xie, Simian; Tian, Xiaohong; Xu, Jiwang**(74)** Davies Collison Cave Pty Ltd**(71)** CAC Nantong Chemical Co., LTD**(11)** AU-A-2018253450**(21)** 2018253450**(22)** 22.10.2018**(54)** Method for preparing azoxystrobin intermediates**(51)** Int. Cl.**C07D 239/34** (2006.01)**(31)** 201711049390.1 **(32)** 31.10.17 **(33)** CN**(43)** 16.05.2019**(72)** Wang, Haishui; Yang, Binglian; Xie, Simian; Tian, Xiaohong; Xu, Jiwang**(74)** Davies Collison Cave Pty Ltd**(71)** Campbell-Lloyd, P.C.**(11)** AU-A-2019202881**(21)** 2019202881**(22)** 24.04.2019**(54)** Decking or flooring system, and components therefor**(51)** Int. Cl.**F16B 1/00** (2006.01)**E04B 1/58** (2006.01)**E04B 5/00** (2006.01)**(43)** 16.05.2019**(62)** 2017203288**(72)** Campbell-Lloyd, Peter Charles**(74)** Spruson & Ferguson**(71)** Canon Kabushiki Kaisha**(11)** AU-A-2017254859**(21)** 2017254859**(22)** 31.10.2017**(54)** Method, system and apparatus for stabilising frames of a captured video sequence**(51)** Int. Cl.**H04N 5/341** (2011.01)**H04N 19/167** (2014.01)**(43)** 16.05.2019**(72)** Besley, James Austin; Templeton, Iain Bruce**(74)** Spruson & Ferguson

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 (21) 2019202932 (22) 26.04.2019
 (54) Variable dose dispensing of medication
 (51) Int. Cl.
G16Z 99/00 (2019.01)
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 (74) FB Rice Pty Ltd

(71) Carill Pty Ltd
 (11) AU-A-2018236751
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 (54) Emergency Communication System
 (51) Int. Cl.
H04W 4/02 (2018.01)
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 (43) 16.05.2019
 (72) Carney, Trent Matthew; O'Driscoll, Paul
 (74) Alder IP Pty Ltd

(71) CASTIGLIONE, A.
 (11) AU-A-2019202854
 (21) 2019202854 (22) 23.04.2019
 (54) Improved Exercise Roller
 (51) Int. Cl.
A61H 15/00 (2006.01)
A63B 22/00 (2006.01)
A63B 23/00 (2006.01)
 (43) 16.05.2019
 (62) 2017239536
 (72) CASTIGLIONE, Angelo
 (74) Wallington-Dummer

(71) Castlebrite Pte Ltd
 (11) AU-A-2018256603
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 (54) INTERLOCKABLE PARTITION PANEL AND METHOD OF FABRICATION THE SAME
 (51) Int. Cl.
E04B 2/74 (2006.01)
 (31) 10201709057R (32) 02.11.17 (33) SG
 (43) 16.05.2019
 (72) SONG KIM, Chew
 (74) AJ PARK

(71) Castrol Limited
 (11) AU-A-2019202782
 (21) 2019202782 (22) 18.04.2019
 (54) Method and apparatus
 (51) Int. Cl.
F01M 1/12 (2006.01)
F01M 11/00 (2006.01)
F01M 11/12 (2006.01)
F01M 13/00 (2006.01)
 (43) 16.05.2019
 (62) 2015261800
 (72) Ali, Rana; Goodier, Steven Paul; Pearson, Richard; Taylor, Oliver Paul
 (74) Spruson & Ferguson

(71) CEC Systems Pty Ltd
 (11) AU-A-2019202968

(21) 2019202968 (22) 29.04.2019
 (54) A collapsible intermodal container
 (51) Int. Cl.
B65D 88/52 (2006.01)
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 (62) 2017398035
 (72) PRESS, Nicholas Oliver; TILLER, Robert Bruce; HILL, Stephen Richard; SALMON, Daniel Graham; HER-SHKOVITZ, Lior
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(71) CFPH, LLC
 (11) AU-A-2019202758
 (21) 2019202758 (22) 18.04.2019
 (54) GAME ACCOUNT ACCESS DEVICE
 (51) Int. Cl.
G06F 17/00 (2006.01)
A63F 9/00 (2006.01)
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G06K 5/00 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2019202831 (22) 23.04.2019
 (54) SYSTEMS AND METHODS FOR PROVIDING ACCESS TO WIRELESS GAMING DEVICES
 (51) Int. Cl.
H04B 7/26 (2006.01)
A63F 13/00 (2006.01)
G07F 17/34 (2006.01)
H04L 12/28 (2006.01)
H04W 88/06 (2009.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chevron U.S.A. Inc.
 (11) AU-A-2019202774
 (21) 2019202774 (22) 18.04.2019
 (54) Process, method, and system for removing heavy metals from fluids
 (51) Int. Cl.
C01G 17/00 (2006.01)
 (43) 16.05.2019
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
G06F 17/50 (2006.01)
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 (72) Lu, Hao; Zhu, Zhencai; Zhou, Gongbo; Peng, Yuxing; Cao, Guohua; Li, Wei; Shen, Gang; Wang, Dagang; Jiang, Fan
 (74) Baxter Patent Attorneys Pty Ltd

(71) Club Car, LLC
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 (54) Dynamic acoustic control and vehicle auditory optimization
 (51) Int. Cl.
H03G 3/20 (2006.01)
H03G 3/00 (2006.01)
H04R 5/00 (2006.01)
H04W 4/02 (2018.01)
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 (54) A CONNECTOR
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A01G 17/06 (2006.01)
E04H 17/10 (2006.01)
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 (21) 2019202891 (22) 24.04.2019
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 (51) Int. Cl.
A61K 8/46 (2006.01)
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A61Q 15/00 (2006.01)
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 (74) Shelston IP Pty Ltd.

(71) ConMed Corporation
 (11) AU-A-2019202894
 (21) 2019202894 (22) 24.04.2019
 (54) Surgical suction device that uses positive pressure gas
 (51) Int. Cl.
A61M 1/00 (2006.01)

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(74) Watermark Intellectual Property Pty Ltd

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(54) Tailored oils
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C12P 7/64 (2006.01)

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(51) Int. Cl.
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(74) Spruson & Ferguson

(71) CREO MEDICAL LIMITED
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A61B 18/18 (2006.01)
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(74) AJ PARK

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A01H 17/00 (2006.01)
A01N 63/04 (2006.01)
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(71) Dayton Superior Corporation
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(21) 2019202764 (22) 18.04.2019
(54) VARIABLE HEIGHT ACCESSORY PLACEMENT CHAIR
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E04C 5/20 (2006.01)
E04G 21/12 (2006.01)

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A01D 45/10 (2006.01)
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(72) Burch, Guy
(74) James & Wells Intellectual Property

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B05B 12/04 (2006.01)
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(74) Davies Collision Cave Pty Ltd

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(54) COPI coatomer alpha subunit nucleic acid molecules that confer resistance to coleopteran and hemipteran pests
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A01H 5/00 (2006.01)
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C07K 14/435 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Ducati Motor Holding S.p.A.; Politecnico di Milano
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(54) Motorcycle with improved action electronic steering damper
(51) Int. Cl.
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(74) Spruson & Ferguson

(71) DYWIDAG-Systems International Pty Limited
(11) AU-A-2019202781
(21) 2019202781 (22) 18.04.2019
(54) Friction bolt assembly
(51) Int. Cl.
E21D 21/00 (2006.01)
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(72) Evans, David William
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F24T 10/10 (2018.01)
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(74) Smoorenburg Patent and Trade Mark Attorneys

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SENSOR

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G01D 5/26 (2006.01)
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A61M 31/00 (2006.01)
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C07D 401/14 (2006.01)
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B60R 5/04 (2006.01)
B60R 7/06 (2006.01)
B60W 10/30 (2006.01)
B62D 25/08 (2006.01)
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2017378609	Sumitomo Electric Industries, Ltd.	2018256479	Illinois Tool Works Inc.
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A01P 13/00 (2006.01)
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2017101834	<u>A63K 1</u> /-	2015101929	2019100369	2016102391	<u>E04H 15</u> /-
<u>A47C 21</u> /-	2019100390	<u>B32B 7</u> /-	<u>C02F 1</u> /-		2016102412
2016102377		2019100316	2013101809		

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<u>E05B 65 /-</u>	<u>G01N 30 /-</u>	<u>G08B 21 /-</u>	<u>H02J 7 /-</u>
2014101652	2019100393	2019100378	2016102386 2017101834 2019100389
<u>E05C 5 /-</u>	<u>G01N 33 /-</u>	<u>G09B 5 /-</u>	
2013101791	2015101934 2017101845 2019100394	2013101802 2015101951	<u>H02N 11 /-</u> 2019100389
<u>E06B 1 /-</u>		<u>G09B 7 /-</u>	
2015101935	<u>G01R 19 /-</u>	2015101951	<u>H02S 30 /-</u>
<u>E06B 3 /-</u>	2014101628		2017101834
2015101935	<u>G01S 13 /-</u>	<u>G09F 1 /-</u>	<u>H04B 11 /-</u>
<u>E06B 9 /-</u>	2015101922	2019100361	2015101922
2015101931	<u>G01S 15 /-</u>	<u>G09F 3 /-</u>	<u>H04L 12 /-</u>
<u>F02B 61 /-</u>	2015101922	2012101981	2014101631
2014101643	<u>G03B 21 /-</u>	<u>G10L 15 /-</u>	<u>H04M 1 /-</u>
<u>F02D 31 /-</u>	2015101926	2019100372	2019100334
2014101643	<u>G06F 15 /-</u>	<u>G10L 17 /-</u>	<u>H04M 15 /-</u>
<u>F02P 15 /-</u>	2016102358	2019100372	2015101919
2015101909	<u>G06F 16 /-</u>	<u>G10L 25 /-</u>	<u>H04N 19 /-</u>
<u>F02P 9 /-</u>	2013101808 2015101933	2019100372	2016102407
2015101909	<u>G06F 17 /-</u>	<u>G16C 10 /-</u>	<u>H04W 4 /-</u>
<u>F04C 27 /-</u>	2015101907 2019100371	2012101981 2013101792 2013101802	2019100378
2017101844		<u>G16H 10 /-</u>	<u>H05H 1 /-</u>
<u>F16S 1 /-</u>	<u>G06K 9 /-</u>	2019100373	2019100277
2015101935	2019100354		<u>No IPC Mark</u>
<u>F27D 3 /-</u>	<u>G06N 20 /-</u>	<u>H01B 1 /-</u>	
2016102359	2019100371 2019100372	2015101952	
<u>F27D 99 /-</u>		<u>H01J 37 /-</u>	
2016102359	<u>G06N 3 /-</u>	2019100277	
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<u>G01B 11 /-</u>	2013101808 2019100375 2019100379	<u>H01P 3 /-</u>	
2016102409		2014101630	
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2016102409	2015101919 2016102363	2019100383	
<u>G01F 23 /-</u>	<u>G06Q 40 /-</u>	<u>H02H 3 /-</u>	
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<u>G01N 21 /-</u>	<u>G06Q 50 /-</u>	<u>H02J 15 /-</u>	
2015101934 2016102374 2016102405 2019100369	2013101792 2015101907 2016102363 2019100354	2019100389	
		<u>H02J 3 /-</u>	
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A01N 59/00 (2006.01)
B65B 25/00 (2006.01)
B65D 25/14 (2006.01)
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H02P 21/00 (2016.01)
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F24F 1/50 (2011.01)
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C10G 11/18 (2006.01)
C10G 69/04 (2006.01)

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A01N 51/00 (2006.01)
A01N 53/00 (2006.01)
A01N 63/02 (2006.01)
A01P 3/00 (2006.01)
A01P 5/00 (2006.01)
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C12N 1/04 (2006.01)
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(51) Int. Cl.

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A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
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F04B 19/22 (2006.01)
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(51) Int. Cl.
E21B 43/12 (2006.01)
F04C 2/107 (2006.01)
F04C 14/08 (2006.01)
F04C 18/107 (2006.01)
H02P 6/06 (2006.01)
H02P 6/24 (2006.01)
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a user
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G08B 21/04 (2006.01)
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A61K 31/704 (2006.01)
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methods
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A01G 25/06 (2006.01)
A01G 29/00 (2006.01)
B32B 5/02 (2006.01)
B32B 27/36 (2006.01)
E01C 13/00 (2006.01)
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A01N 31/02 (2006.01)

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G06F 9/30 (2018.01)

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C07D 401/12 (2006.01)

A61K 31/445 (2006.01)

A61K 31/45 (2006.01)

A61K 31/4545 (2006.01)

C07D 211/16 (2006.01)

C07D 211/56 (2006.01)

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A47J 36/24 (2006.01)
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A47K 10/04 (2006.01)
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G11C 7/04 (2006.01)
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2016424023	Huawei Technologies Co., Ltd.	2017332866	Master Sinkers (Pty) Ltd
2016424703	Taiyuan University of Technology	2017332957	Garruzzo, M.; Mattesi, M.; Sacchi, I.
2016424950	Huawei Technologies Co., Ltd.	2017333505	Style Ehf.
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2016425585	Bhat, A.	2017333870	Agfa NV
2016425639	Paver Technologies LLC	2017334035	Myovant Sciences GmbH; Takeda Pharmaceutical Company Limited
2016425935	Estetra SPRL	2017334043	Bullcall Limited
2016426314	Huawei Technologies Co., Ltd.	2017334047	Instituto Superior De Agronomia
2016426446	Huawei Technologies Co., Ltd.	2017334390	Perkinelmer Health Sciences Canada, Inc
2016426682	Kimberly-Clark (China) Co., Ltd.; Kimberly-Clark Worldwide, Inc.	2017334841	Boston Scientific Neuromodulation Corporation
2016427017	Gojo Industries, Inc.	2017334989	Terumo Kabushiki Kaisha
2016427019	Reliance Worldwide Corporation (Aust.) Pty. Ltd.	2017335058	National University Corporation Tottori University; Trans Chromosomics, Inc.
2016427468	Hangzhou Great Star Tools Co., Ltd.; Hangzhou Great Star Industrial Co., Ltd.	2017335400	Ferentini, G.U.; Ferentini, F.
2016427629	Telefonaktiebolaget LM Ericsson (Publ)	2017335421	Universita' degli Studi di Padova
2016427777	Victoria Link Limited	2017335497	Boston Scientific Neuromodulation Corporation
2016427778	Certis Cisco Security Pte Ltd	2017335722	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd
2016427804	Colgate-Palmolive Company	2017335724	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd
2016427826	Kimberly-Clark Worldwide, Inc.	2017336032	Daikin Industries, Ltd.
2016427834	Google LLC	2017336081	W.C. Bradley Co.
2016427922	Chang Gung Memorial Hospital, Linkou	2017336112	Daikin Industries, Ltd.
2016428213	Kimberly-Clark Worldwide, Inc.	2017336195	Agfa NV; Unilin BVBA
2016428214	Kimberly-Clark Worldwide, Inc.	2017336338	Myovant Sciences GmbH
2016428215	Rovi Guides, Inc.	2017336363	Myovant Sciences GmbH; Takeda Pharmaceutical Company Limited
2016428997	Sandvik Intellectual Property AB	2017336412	A.T. Still University
2016429412	Honeywell International Inc.	2017336523	Blade Therapeutics, Inc.
2016432358	Patriot Campers Pty Ltd	2017336566	Malek, S.
2016432713	Novartis AG	2017336819	Daikin Industries, Ltd.
2016433058	Halliburton Energy Services, Inc.	2017336905	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2016433478	Halliburton Energy Services, Inc.	2017336930	J.R. Simplot Company
2016433797	Halliburton Energy Services, Inc.	2017337080	Gietl, J.; Putze, A.
2017290132	Worthington Industries, Inc.	2017337293	Dyesol Ltd
2017325103	Lockit Systems Pty. Ltd.	2017337434	Daikin Industries, Ltd.
2017326638	Northrup, C.	2017337763	LG Electronics Inc.
2017328728	Universitat de Valencia	2017337785	Park, J.P.
2017329247	Walnab Pty Ltd	2017338068	Orchid Medical Pte Ltd
2017329248	Seed Terminator Holdings Pty Ltd	2017338265	Fifth Wheel AS
2017329950	Phan, A.	2017338618	Ampfibian Holdings Pty Ltd
2017330180	Ouster, Inc.	2017338680	Boehringer Ingelheim Vetmedica GmbH
2017330333	Equifax Inc.	2017338736	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E. V.
2017330438	ArcherDX, Inc.	2017338912	I.C. Medical, Inc.
2017330515	Sonitus Technologies, Inc.	2017339047	Tyco Building Services Products Limited; Macron Safety Systems (UK) Limited
2017331260	Gosh, A.	2017339357	S.R. Smith, LLC
2017331275	OncoSec Medical Incorporated; The Regents of the University of California	2017339763	Fontana Fasteners R.d. S.r.l.
2017331599	Groupon, Inc.	2017339781	Orbus Therapeutics, Inc.
2017331648	Aichi Co., Ltd.	2017339880	Rohm and Haas Company
2017331736	Kakadu R & D Pty Ltd	2017339942	The Children's Medical Center Corporation; Dompe Farmaceutici S.p.A.
2017331743	Stephania Holdings Inc.	2017339979	AFI Licensing LLC
2017331800	Garvan Institute of Medical Research	2017340391	Horizon Global Americas Inc.
2017331801	All Vascular Pty Limited	2017340623	FMC Corporation
2017332128	MTD Products Inc	2017340911	Upstart Power, Inc.
2017332232	Grünenthal GmbH	2017341102	Ambisense Ltd.
2017332262	Cytrellis Biosystems, Inc.	2017341337	Chantiers de l'Atlantique
2017332282	Composite Rebar Technologies, Inc.	2017341672	Rhino Floats Pty Ltd
2017332287	ShadeCraft, LLC	2017341719	JDS Therapeutics, LLC
2017332408	Hanmi Pharm. Co., Ltd.; Sanofi-Aventis Deutschland GmbH	2017342012	MicroDose Therapeutx, Inc.
2017332437	Mito Medical Products B.V.	2017342039	EVVA Sicherheitstechnologie GmbH
2017332498	Verily Life Sciences LLC		
2017332742	Artisan Vehicle Systems Inc.		
2017332746	Artisan Vehicle Systems Inc.		
2017332752	Artisan Vehicle Systems Inc.		
2017332754	Lightforce USA, Inc., d/b/a/ Nightforce Optics, Inc.		

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2017342558	Icahn School of Medicine at Mount Sinai; Sean N. Parker Foundation	2017348423	The General Hospital Corporation
2017342702	Effusiontech Pty Ltd	2017348434	The Scripps Research Institute
2017342739	Caterpillar Inc.	2017348440	General Electric Company
2017342887	Shanghai Huilun Life Science & Technology Co., Ltd	2017348453	NEXTDC Limited
2017342931	United States Gypsum Company	2017348460	Signifai Inc.
2017343443	ITT Manufacturing Enterprises LLC	2017348491	The Scripps Research Institute
2017343616	OncoBeta International GmbH	2017348597	Santen Pharmaceutical Co., Ltd.
2017343628	Dow Global Technologies LLC	2017348616	Mader, T.
2017343671	Smith, L.	2017348734	Toray Industries, Inc.
2017343690	McCain Foods Limited; Resson Aerospace Corporation	2017348921	Protembis GmbH
2017343812	Contern S.A.; Universite du Luxembourg	2017349047	Reichhold AS
2017343845	Axiom Process Limited	2017349091	Hanmi Pharm. Co., Ltd.
2017344406	Magni Telescopic Handlers S.r.l.	2017349539	Nippon Telegraph and Telephone Corporation; Toray Industries, Inc.
2017344974	Janny SARL	2017349568	Averbuch, D.; Amir, E.; Fenchenko, W.; Cohen, E.; Chaiutin, Y.; Pevzner, K.; Sezganov, D.
2017345162	Dow Global Technologies LLC	2017349622	Rheem Australia Pty Limited
2017345163	Dow Global Technologies LLC	2017349979	Fundación Para La Investigación Médica Aplicada
2017345353	Descansare Sleep Lab, S.L.	2017350440	Taiho Pharmaceutical Co., Ltd.
2017345394	IPM S.r.l.	2017350498	Kempsell, D.; White, M.
2017345416	Medtec Medical, Inc.	2017350644	Ishihara Sangyo Kaisha, Ltd.
2017345460	Medtec Medical, Inc.	2017350645	Ishihara Sangyo Kaisha, Ltd.
2017345511	SAF-Holland, Inc.	2017350684	Hunter Douglas Inc.
2017345518	Telefonaktiebolaget L M Ericsson (publ)	2017350704	3M Innovative Properties Company
2017345564	Architectural Solutions IP, LLC	2017350706	WestRock Packaging Systems, LLC
2017345588	IH IP Holdings Limited	2017350734	Nanosys, Inc.
2017345598	Metabolic Technologies, Inc.	2017350800	Kimberly-Clark Worldwide, Inc.
2017345605	The Coca-Cola Company	2017350817	Marquette University
2017345699	Samumed, LLC	2017350937	C.R. Bard, Inc.
2017345737	The Coca-Cola Company	2017350947	Washington University; Denali Therapeutics Inc.
2017345741	Franklin Electric Co., Inc.	2017350957	Nant Holdings IP, LLC
2017345743	Franklin Electric Co., Inc.	2017350973	Kimberly-Clark Worldwide, Inc.
2017345766	ModernaTX, Inc.	2017351216	Translational Drug Development, LLC
2017345767	Somniferum Labs LLC	2017351523	Meiji Co., Ltd.
2017345768	Forward Networks, Inc.	2017351645	Australian Mud Company Pty Ltd
2017345769	Forward Networks, Inc.	2017351791	Telefonaktiebolaget LM Ericsson (publ)
2017345785	Cortene Inc.	2017351810	Universität Zürich
2017346104	Beijing Konruns Pharmaceutical Co., Ltd.	2017351946	RB Health (US) LLC
2017346137	China Tobacco Hunan Industrial Co., Ltd.	2017351956	Biohm Limited
2017346267	Cellvertics Co., Ltd.	2017352206	Vertex Pharmaceuticals (Europe) Limited
2017346590	Netflix, Inc.	2017352540	Sony Corporation
2017346661	Ensco International Incorporated	2017352567	Unilever PLC
2017346790	Meredian Bioplastics, Inc.	2017352589	Genovie AB
2017346841	Caterpillar Inc.	2017352642	Baoshan Iron & Steel Co., Ltd.
2017346885	Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services	2017352844	BAE Systems plc
2017346962	Risun Oilflow Solutions Inc.	2017353079	Promecon Process Measurement Control GmbH
2017347223	LG Electronics Inc.	2017353143	Unilever PLC
2017347388	Duesenfeld GmbH	2017353261	British American Tobacco (Investments) Limited
2017347630	Barth Innovations Limited	2017353310	Janssen Pharmaceutica NV
2017347684	Ocado Innovation Limited	2017353359	Lawson, C.
2017347761	Vestaron Corporation	2017353427	EngMab Sàrl
2017347776	Rauch, M.; Kleineke, R.	2017353496	Farmers Cut GmbH
2017347778	University Of South Florida	2017353782	Centrexion Therapeutics Corporation
2017347798	HeatGenie, Inc.	2017353846	DePuy Synthes Products, Inc.
2017347973	Mkrthyan, O.	2017353868	Evans, D.; Noyce, R.; Lederman, S.
2017347975	Akili Interactive Labs, Inc.	2017353962	UPL Ltd
2017347988	Donaldson Company, Inc.	2017353969	Benson Hill Biosystems, Inc.
2017348080	Donnelly, J.; Danen, T.; Rutledge, D.	2017354070	AnaptyBio, Inc.; Tesaro, Inc.
2017348102	Quidnet Energy Inc.	2017354169	Rovi Guides, Inc.
2017348182	Proteostasis Therapeutics, Inc.	2017354640	Samsung Electronics Co., Ltd.
2017348183	Proteostasis Therapeutics, Inc.	2017354645	L&K Biomed Co., Ltd.
2017348186	Proteostasis Therapeutics, Inc.	2017354786	Xylonix IP Holdings Pte. Ltd.
2017348268	Frito-Lay North America, Inc.	2017354787	Xylonix IP Holdings Pte. Ltd.
2017348278	Wilson, G.	2017354899	Acacia Pharma Limited
2017348287	Danimer Bioplastics, Inc.	2017354900	UCL Business PLC; Natera, Inc.
2017348347	University Of Florida Research Foundation	2017354941	Clarity Pharmaceuticals Pty Ltd
2017348380	University of Florida Research Foundation, Inc.	2017355038	Huawei Technologies Co., Ltd.
2017348406	Kimberly-Clark Worldwide, Inc.	2017355230	Coomtech Limited
		2017355312	Pepsico, Inc.
		2017355417	CMS Technology, Inc

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2017355432	Genentech, Inc.; F. Hoffmann-La Roche AG	2017366730	Oculeve, Inc.
2017355502	The Children's Hospital Of Philadelphia	2017366745	Cubic Corporation
2017355544	Juno Therapeutics, Inc.	2017366755	Align Technology, Inc.
2017355596	Janssen Pharmaceutica NV	2017366760	Syngenta Participations AG
2017355630	RTC Industries, Inc.	2017367221	Sony Europe B.V.; Sony Corporation
2017355712	University Of Massachusetts	2017367714	Merck Sharp & Dohme Corp.
2017356025	Nantoh. Co., Ltd	2017369976	Novartis AG
2017356190	Translate Bio, Inc.	2017370655	Natera, Inc.
2017356223	GSK Consumer Healthcare S.A.	2017371074	Verb Surgical Inc.
2017356288	CSP Technologies, Inc.	2017371125	Akzo Nobel Chemicals International B.V.
2017356340	Noetic Technologies Inc.	2017371225	Seattle Genetics, Inc.
2017356654	UPL LTD	2017371498	Regeneron Pharmaceuticals, Inc.
2017356664	Trizell LTD.	2017371925	Millo Appliances, UAB
2017356855	Diversey, Inc.	2017372665	Daikin Industries, Ltd.
2017356860	Qilu Puget Sound Biotherapeutics Corporation	2017372709	Eli Lilly and Company; Innovent Biologics (Suzhou) Co. Ltd.
2017356943	The Regents of the University of California	2017373784	CoLucid Pharmaceuticals, Inc.
2017356989	Aerovironment, Inc.	2017374037	R.P. Scherer Technologies, LLC
2017357028	GSK Consumer Healthcare S.A.	2017376353	Nanjing Transthera Biosciences Co. Ltd.
2017357638	Nanna Therapeutics Limited	2017376583	F. Hoffmann-La Roche AG
2017357650	Oribiotech Ltd	2017377078	Farmers Edge Inc.
2017357719	Novartis AG	2017377216	Toray Industries, Inc.
2017357758	Translate Bio, Inc.	2017377949	Qualcomm Incorporated
2017358882	Landis+Gyr Innovations, Inc.	2017378061	Eli Lilly and Company
2017358895	PepsiCo, Inc.	2017378609	Sumitomo Electric Industries, Ltd.
2017359172	Delinia, Inc.	2017378617	ITAB Scanflow AB
2017359276	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft; Forschungsverbund Berlin e.V.	2017378785	Afferent Pharmaceuticals, Inc.
2017359300	PepsiCo, Inc.	2017378893	Merck Sharp & Dohme Corp.; Idenix Pharmaceuticals LLC
2017359328	DJO, LLC	2017378943	Abbisko Therapeutics Co., Ltd.
2017359333	Dana-Farber Cancer Institute, Inc.	2017378959	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.
2017359342	Intrexon Corporation	2017379816	Verb Surgical Inc.
2017359466	Boston Scientific Scimed, Inc.	2017379917	Verb Surgical Inc.
2017359552	BAE SYSTEMS plc	2017380844	Novartis AG
2017359864	ABX Advanced Biochemical Compounds GmbH	2017380872	Nestec S.A.
2017359914	Vossloh-Werke GmbH	2017381058	Hilti Aktiengesellschaft
2017360494	ExxonMobil Research and Engineering Company	2017381399	Patriot Campers Pty Ltd
2017360939	Merck Sharp & Dohme Corp.	2017381624	Reliance Industries Limited
2017360941	Merck Sharp & Dohme Corp.	2017382039	Nestec S.A.
2017361129	The University of Western Australia	2017383451	Novartis AG
2017361783	Sandvik Intellectual Property AB	2017383598	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.
2017361868	Symphogen A/S	2017388066	DexCom, Inc.
2017362014	Moricca, S.	2017391436	Boston Scientific Neuromodulation Corporation
2017362314	Goldman Sachs & Co. LLC	2017395531	Hino Motors, Ltd.
2017362344	Magic Leap, Inc.	2017395532	Hino Motors, Ltd.
2017362499	Robertson, A.	2017407978	Dropbox, Inc.
2017362513	Bradley, C.	2017410210	Yu, C.
2017362869	Precision Planting LLC	2017414139	Taiyuan University of Technology
2017362937	Lifull Co., Ltd.	2017417169	Institute of medical biology Chinese academy of medical sciences
2017362948	OneMarket Network LLC	2017425111	Dong-A University Research Foundation For Industry-Academy Cooperation; Prestige Biopharma Pte. Ltd.
2017363154	Calimmune, Inc.	2017428029	Rifeng Enterprise Group Co., LTD.; Rifeng Technology Co., LTD.
2017363240	Cubic Corporation	2017434337	China University of Mining and Technology
2017363246	Mersana Therapeutics, Inc.	2018206015	Eutilex Co., Ltd.
2017363248	Boston Scientific Scimed, Inc.	2018211292	MiaSole Equipment Integration (Fujian) Co., Ltd.
2017363252	Dana-Farber Cancer Institute, Inc.	2018213979	MiaSole Equipment Integration (Fujian) Co., Ltd.
2017363257	Dana-Farber Cancer Institute, Inc.	2018214001	MiaSole Equipment Integration (Fujian) Co., Ltd.
2017363265	Dana-Farber Cancer Institute, Inc.	2018217190	Bruin Biometrics, LLC
2017363321	Klotho Therapeutics, Inc.	2018219287	Avran Industrial, Inc.
2017363548	RJ Lee Group, Inc.	2018221028	Wenger Manufacturing Inc.
2017363597	True Manufacturing Co., Inc.	2018252948	Capna Intellectual
2017363821	ResMed Pty Ltd	2018256263	Ami Pharm Co., Ltd.
2017363823	Alfred Health; Monash University	2018263238	LG Electronics Inc.
2017363826	NewSouth Innovations Pty Limited	2018274947	Gates Corporation
2017364084	Integrated DNA Technologies, Inc.	2018278618	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science And Technology Co., Ltd
2017364747	GRST International Limited	2018287603	Nippon Steel Corporation
2017364749	GRST International Limited	2018289629	Alibaba Group Holding Limited
2017364807	Teijin Pharma Limited		
2017365349	J. D. Neuhaus holding GmbH & Co. KG		
2017365846	Universite de Bordeaux; Centre National de la Recherche Scientifique; Institut D'optique Graduate School		
2017365847	Universite de Bordeaux; Centre national de la recherche scientifique; Institut d'Optique Graduate School		

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

2018289881	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd
2018293589	Obermeyer, H.
2018296041	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science And Technology Co., Ltd
2018312786	Kummler + Matter AG
2018338594	Fonseca, E.; Fonseca, B.
2018346997	Zambelli Imagineering Pty Ltd
2018350527	Alibaba Group Holding Limited

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<u>A01C 1 /-</u>	<u>A01K 29 /-</u>	<u>A01N 63 /-</u>	<u>A23L 5 /-</u>	<u>A47K 10 /-</u>	<u>A61B 6 /-</u>
2017343690	2017334043	2017340623 2017347761	2017348268	2017353359	2017349568
<u>A01C 7 /-</u>	<u>A01K 67 /-</u>	<u>A01P 1 /-</u>	<u>A23P 30 /-</u>	<u>A47K 5 /-</u>	<u>A61B 90 /-</u>
2017362869	2017332498 2017335058 2017336930	2016427017	2018221028	2016427826	2017359466
<u>A01D 34 /-</u>	2017345785	<u>A01P 21 /-</u>	<u>A24D 1 /-</u>	<u>A47L 13 /-</u>	<u>A61C 13 /-</u>
2017332128	<u>A01K 7 /-</u>	2017340623	2017353261	2017347223	2017366755
<u>A01D 41 /-</u>	2018219287	<u>A01P 3 /-</u>	<u>A24F 47 /-</u>	<u>A47L 7 /-</u>	<u>A61C 7 /-</u>
2017329248	<u>A01N 1 /-</u>	2016427017 2017340623 2017353962	2017346137 2017353261	2017347223	2017366755
<u>A01F 12 /-</u>	2017350817	<u>A01P 5 /-</u>	<u>A43B 7 /-</u>	<u>A47L 9 /-</u>	<u>A61C 8 /-</u>
2017329248	<u>A01N 25 /-</u>	2017340623	2017359328	2017347223	2017356025
<u>A01G 13 /-</u>	2016427017 2017336930 2017340623 2017371125	<u>A01P 7 /-</u>	<u>A47B 81 /-</u>	<u>A61B 10 /-</u>	<u>A61F 11 /-</u>
2017343690	<u>A01N 31 /-</u>	2017340623	<u>A47C 31 /-</u>	2017332262 2017348423 2017350937 2017353846 2017354645 2017363248 2017363823 2017379816	2016429412
<u>A01G 25 /-</u>	2016427017 2017371125	<u>A22B 5 /-</u>	<u>A47C 5 /-</u>	<u>A61B 17 /-</u>	<u>A61F 13 /-</u>
2017337080 2018219287	<u>A01N 37 /-</u>	2017355417	2017345353	2017332262 2017348423 2017350937 2017353846 2017354645 2017363248 2017363823 2017379816	2016426682 2016428214 2017348406 2017348408
<u>A01G 27 /-</u>	2016427017 2017336930 2017353962 2017371125	<u>A23F 5 /-</u>	<u>A47C 7 /-</u>	<u>A61B 18 /-</u>	<u>A61F 2 /-</u>
2018219287	<u>A01N 39 /-</u>	2017380872 2017382039	2017331648	2017338912	2017338068 2017348921 2017353846 2017369976
<u>A01G 29 /-</u>	2017356654 2017371125	<u>A23G 1 /-</u>	<u>A47F 1 /-</u>	<u>A61B 3 /-</u>	<u>A61F 5 /-</u>
2017337080	<u>A01N 43 /-</u>	2017361129	2017355630	2016427629 2016432713 2017366730 2017383451	2017359328
<u>A01G 31 /-</u>	2017336930 2017340623 2017353962 2017356654	<u>A23J 3 /-</u>	<u>A47F 9 /-</u>	<u>A61B 34 /-</u>	<u>A61F 9 /-</u>
2016354543 2017353496	<u>A01N 47 /-</u>	2017351523	2017378617	2017359466 2017371074 2017379917	2017335400 2017366730
<u>A01G 7 /-</u>	<u>A01N 51 /-</u>	<u>A23K 40 /-</u>	<u>A47G 25 /-</u>	<u>A61B 46 /-</u>	<u>A61K 31 /-</u>
2017353496	2017336930 2017340623 2017353962 2017356654	<u>A23L 19 /-</u>	2017353359	2017359466 2017371074 2017379917	2016425935 2017331260 2017332232 2017334035 2017335421 2017335722 2017336363 2017336523 2017339781 2017339942 2017342558 2017342887 2017345598 2017345699 2017345766 2017345785 2017346104 2017346267 2017347778 2017348182 2017348183 2017348186 2017348597
<u>A01G 9 /-</u>	<u>A01N 53 /-</u>	<u>A23L 2 /-</u>	<u>A47G 29 /-</u>	<u>A61B 5 /-</u>	
2016354543 2017353496	2017340623	2017348268	2018338594	2016427629 2017332437 2017332957 2017335497 2017347975 2017348440 2017349539 2017356223 2017366730 2017388066 2018217190	
<u>A01H 1 /-</u>	<u>A01N 57 /-</u>	<u>A23L 23 /-</u>	<u>A47J 27 /-</u>		
2017336930 2017366760	2017353962 2017356654	2017345605 2017345737 2017359300	2017336081		
<u>A01H 5 /-</u>	<u>A01N 59 /-</u>	<u>A23L 27 /-</u>	<u>A47J 36 /-</u>		
2017347761	2017340623	2017352567	2017347798		
<u>A01K 1 /-</u>	2017371125	<u>A23L 33 /-</u>	<u>A47J 37 /-</u>		
2017339880	2017352567	2017334047 2017351523 2017354786	2017336081 2017371925		
<u>A01K 11 /-</u>					
2017334043					
<u>A01K 13 /-</u>					
2018219287					

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2017349091	2017348734	2018256263	<u>A61P 11 /-</u>	2017355432	<u>B01D 33 /-</u>
2017350440	2017350947			2017359276	
2017350947	2017350957	<u>A61L 15 /-</u>	2017348182	2017364807	2017343845
2017351216	2017353427		2017348183	2017372709	
2017351946	2017353868	2017353143	2017348186	2017376353	<u>B01D 46 /-</u>
2017352206	2017354070		2017364807	2017378943	
2017353310	2017355432	<u>A61L 2 /-</u>		2017378959	2017347988
2017353782	2017355544		<u>A61P 15 /-</u>	2018206015	
2017354899	2017355596	2017356855			<u>B01F 15 /-</u>
2017355432	2017356860		2016425935	<u>A61P 37 /-</u>	
2017355502	2017359333	<u>A61L 27 /-</u>	2017336363		2017332808
2017355544	2017363321		2017351946	2017346104	<u>B01F 3 /-</u>
2017357719	2017371225	2017338068		2017357719	
2017359276	2017372709		<u>A61P 17 /-</u>	2018206015	2017332808
2017359333	2017380844	<u>A61L 31 /-</u>		<u>A61P 43 /-</u>	2017359300
2017360939	2017417169	2017338068	2017345699		<u>B01F 5 /-</u>
2017360941	2017425111		2017346104		
2017361129	2018206015	<u>A61M 1 /-</u>	<u>A61P 19 /-</u>	2017364807	<u>B01F 5 /-</u>
2017363154					2017332808
2017363252	<u>A61K 45 /-</u>	2017331801	2017364807	<u>A61P 5 /-</u>	
2017363257		2017332262			<u>B01F 7 /-</u>
2017363265	2017354899	2017345416	<u>A61P 21 /-</u>	2017336338	
2017364807	2017376353	2017363823		<u>A61P 7 /-</u>	2017359300
2017367714	2017380844		2017345699		
2017373784		<u>A61M 11 /-</u>		2017336523	<u>B01L 3 /-</u>
2017376353	<u>A61K 47 /-</u>		<u>A61P 25 /-</u>	2017357719	
2017378785		2017342012		2017363154	2017330438
2017378893	2017335722	2017345767	2017345767		2017332791
2017378943	2017335724		2017346104	<u>A61P 9 /-</u>	2017338680
2017378959	2017336566	<u>A61M 15 /-</u>	2017348183		
2017383598	2017342558		2017353310	2017346104	<u>B01L 7 /-</u>
2018256263	2017348597	2017342012	2017353782	2017364807	
	2017353782	2017345767	2017365847		2017332791
	2017354787	<u>A61M 16 /-</u>	2017373784	<u>A61Q 11 /-</u>	<u>B02C 13 /-</u>
<u>A61K 33 /-</u>	2017357758				
	2017361129	2017363821	<u>A61P 27 /-</u>	2016427804	2017329248
2017341719	2017363246			<u>A61Q 19 /-</u>	<u>B05B 12 /-</u>
2017354786		<u>A61M 37 /-</u>	2017346104		
2017354787	<u>A61K 48 /-</u>		2017348597	2017351946	2016427826
		2017332262	2017357719		
<u>A61K 35 /-</u>			<u>A61P 29 /-</u>	<u>A62C 13 /-</u>	<u>B05C 11 /-</u>
	2017350957	<u>A61M 39 /-</u>			
2017346885	2017357758		2017334047	2017339047	2016427826
2017347761	2017359342		2017348183	<u>A62C 35 /-</u>	<u>B07B 1 /-</u>
2017350957		2017331801	2017357719		
2017355502	<u>A61K 49 /-</u>	<u>A61M 5 /-</u>	2017364807	2017339047	2017333505
2017355544					2017343845
2017365847	2017356943	2017334989	<u>A61P 3 /-</u>	<u>A63B 21 /-</u>	
2017371498	<u>A61K 51 /-</u>	2017345741			<u>B07B 13 /-</u>
		2017378061	2017345598	2017348080	
<u>A61K 36 /-</u>			2017346104	<u>A63B 5 /-</u>	2017333505
	2017343616	<u>A61N 1 /-</u>	2017356190		2017343845
2017334047	2017354941		2017380844		
2017335724	2017356943	2017331275		2017339357	<u>B09B 3 /-</u>
	2017359864	2017334841	<u>A61P 31 /-</u>		
<u>A61K 38 /-</u>	<u>A61K 8 /-</u>	2017356223		<u>A63B 71 /-</u>	2017362014
		2017357028	2017345766		
2017331275	2016427804	2017366730	2017367714	2017348080	<u>B21C 37 /-</u>
2017332408	2017336566	2017391436	2017378893		
2017334047	2017351946	<u>A61N 5 /-</u>	2017378959	<u>B01D 11 /-</u>	2017361783
2017336338	<u>A61K 9 /-</u>				
2017345785		2017343616	<u>A61P 35 /-</u>	2018252948	<u>B23K 11 /-</u>
2017346267					
2017348434	2017335722	<u>A61P 1 /-</u>	2017334035	<u>B01D 12 /-</u>	
2017350957	2017339942		2017334047		2017352642
2017356190	2017341719		2017335421	2017347776	<u>B28C 7 /-</u>
2017359172	2017342558	2017341719	2017336523		
2017363321	2017346267	2017346104	2017342887	<u>B01D 21 /-</u>	2016425585
	2017348597	2017354899	2017346104		
<u>A61K 39 /-</u>	2017349091	2017378959	2017348734	2017347776	<u>B28C 9 /-</u>
	2017350947		2017350440		
2017331260	2017354786		2017354787		2016425585
2017345766	2017357758				
2017348491					

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2017343628	2017340391	2017356989	2017365349	2017360941	2017336523
	<u>B60G 11 /-</u>	<u>B64F 1 /-</u>	<u>B66F 11 /-</u>	2017363257	
<u>B29C 64 /-</u>	2017345511	2018346997	2017344406	<u>C07D 211 /-</u>	<u>C07D 407 /-</u>
2017342702	<u>B60G 9 /-</u>	<u>B65B 25 /-</u>	<u>B67C 3 /-</u>	2017332232	2017336523
<u>B29C 65 /-</u>	2017345511	2017356288	2017358895	<u>C07D 215 /-</u>	<u>C07D 409 /-</u>
2017350684	<u>B60K 15 /-</u>	<u>B65B 55 /-</u>	<u>B67D 7 /-</u>	2017346104	2017333548
<u>B32B 27 /-</u>	2017329247	2017356288	2017329247	2017363265	2017336523
2017333870	<u>B60M 1 /-</u>	<u>B65D 1 /-</u>	<u>B68C 1 /-</u>	<u>C07D 231 /-</u>	2017348183
2017336195	2018312786	2017355312	2017350498	2017336523	2017348186
2017337080	<u>B60N 2 /-</u>	<u>B65D 23 /-</u>	<u>B82Y 30 /-</u>	2017360939	
2017339979	2017359552	2017355312	2017342558	<u>C07D 233 /-</u>	2017336523
2017350973	<u>B60P 3 /-</u>	<u>B65D 25 /-</u>	2017350734	2017336523	2017348183
<u>B32B 37 /-</u>	2016432358	2017356288	<u>B82Y 40 /-</u>	<u>C07D 237 /-</u>	2017348186
2016426682	<u>B60R 11 /-</u>	<u>B65D 6 /-</u>	2017350734	2017348182	2017363252
2016428213	2017344406	2017343671	<u>C04B 14 /-</u>	2017360939	
<u>B32B 38 /-</u>	2017381399	<u>B65D 71 /-</u>	2016425639	<u>C07D 239 /-</u>	<u>C07D 471 /-</u>
2016426682	2017395532	2017350706	<u>C04B 28 /-</u>	2017378785	2017342887
2016428213	<u>B60R 16 /-</u>	<u>B65D 77 /-</u>	2016425639	2017378943	2017348186
<u>B32B 5 /-</u>	2017395531	2017350706	<u>C04B 38 /-</u>	<u>C07D 261 /-</u>	2017359276
2016428213	<u>B60T 13 /-</u>	<u>B65D 81 /-</u>	2017342931	2017336523	2017363257
2017337080	2017347973	2017344974	<u>C04B 40 /-</u>	<u>C07D 263 /-</u>	2017364807
2017339979	<u>B62B 5 /-</u>	2017347798	2016425639	2017336523	2017367714
2017350973	2017378617	2017362014	2017342931	<u>C07D 275 /-</u>	2017376353
<u>B32B 7 /-</u>	<u>B62D 53 /-</u>	<u>B65D 83 /-</u>	<u>C04B 7 /-</u>	2017336523	2017378943
2017350973	2017338265	2017345162	<u>C07B 59 /-</u>	<u>C07D 277 /-</u>	<u>C07D 475 /-</u>
<u>B33Y 10 /-</u>	<u>B62D 55 /-</u>	2017345163	2016425639	2017336523	2017378943
2017342702	2017342739	<u>B65D 85 /-</u>	<u>C07B 59 /-</u>	<u>C07D 285 /-</u>	<u>C07D 487 /-</u>
<u>B33Y 50 /-</u>	<u>B62D 61 /-</u>	2017356288	2017352206	2017336523	2017353310
2017342702	2017345511	<u>B65G 1 /-</u>	<u>C07C 1 /-</u>	<u>C07D 333 /-</u>	2017359276
<u>B33Y 80 /-</u>	<u>B63B 17 /-</u>	2017347684	2017381624	2017376583	2017363257
2017342702	2017381399	<u>B65G 15 /-</u>	<u>C07C 227 /-</u>	<u>C07D 401 /-</u>	2017363265
<u>B41M 5 /-</u>	<u>B63B 27 /-</u>	2017332498	2017333548	2017332232	2017376353
2017333870	2017341337	<u>B65G 39 /-</u>	<u>C07C 229 /-</u>	2017333548	<u>C07D 493 /-</u>
2017336195	<u>B64C 3 /-</u>	2017332498	2017333548	2017346104	2017351216
<u>B41M 7 /-</u>	2017356989	<u>B65G 5 /-</u>	2017339781	2017348183	2017363252
2017333870	<u>B64C 39 /-</u>	2017348102	<u>C07C 315 /-</u>	2017363265	<u>C07D 495 /-</u>
2017336195	2018346997	<u>B66C 15 /-</u>	<u>C07D 207 /-</u>	2017373784	2017351216
<u>B44C 5 /-</u>		2017365349	2017333548	<u>C07D 403 /-</u>	2017363257
2017333870				2017336523	2017376583
2017336195				2017348183	<u>C07D 498 /-</u>
<u>B60B 39 /-</u>				2017348186	2017357719
2017343671				2017363252	
				2017363265	

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<u>C07D 519 /-</u>	<u>C08J 7 /-</u>	<u>C10G 49 /-</u>	2017346885 2017349979 2017352589 2017355544 2017355712 2017359172 2017365846 2017365847	<u>C25D 7 /-</u>	<u>E04F 15 /-</u>
2017353310 2017364807 2017376353	2017348408	2017360494		2017381058	2017333870 2017336195
<u>C07F 15 /-</u>	<u>C08K 5 /-</u>	<u>C10G 53 /-</u>		<u>C40B 40 /-</u>	<u>E04F 21 /-</u>
2017333548	2017346790 2017348406 2017348408	2017363548		2017357638	2017341672
<u>C07F 9 /-</u>	<u>C08L 23 /-</u>	<u>C10G 69 /-</u>	<u>C12N 7 /-</u>	<u>D06F 33 /-</u>	<u>E04G 21 /-</u>
2017378893	2017348406	2017360494	2017353868	2017337763	2017341672
<u>C07H 1 /-</u>	<u>C08L 29 /-</u>	<u>C10G 7 /-</u>	<u>C12N 9 /-</u>	<u>D06F 37 /-</u>	<u>E04H 15 /-</u>
2017378959 2017383598	2017348406 2017348408	2017363548	2017346885 2017364084 2017366760	2017337763	2016432358 2017381399
<u>C07H 15 /-</u>	<u>C08L 33 /-</u>	<u>C10L 1 /-</u>	<u>C12P 21 /-</u>	<u>D06F 39 /-</u>	<u>E04H 6 /-</u>
2017345605	2017345564	2017381624		2017337763	2018346997
<u>C07H 19 /-</u>	<u>C08L 53 /-</u>	<u>C10L 5 /-</u>	2017332408 2017351523	<u>D06F 53 /-</u>	<u>E05B 19 /-</u>
2017378959 2017383598	2017348406	2017329950	<u>C12Q 1 /-</u>	<u>D21C 9 /-</u>	2017325103 2017342039
<u>C07K 1 /-</u>	<u>C08L 67 /-</u>	<u>C11B 9 /-</u>	2016427922 2017332791 2017350800 2017354900 2017357638 2017362513 2017366760 2017370655 2017371498	2017348278	<u>E05F 15 /-</u>
2017332408	2017348287	2018252948		<u>D21D 1 /-</u>	2017410210
<u>C07K 14 /-</u>	<u>C08L 75 /-</u>	<u>C12C 3 /-</u>	<u>C12C 5 /-</u>	2017348278	<u>E06B 9 /-</u>
2017332408 2017347761 2017359172 2017359342 2017363321	2017348406	2017347630	2017347630	<u>D21H 11 /-</u>	2017350684
<u>C07K 16 /-</u>	<u>C08L 79 /-</u>	<u>C12C 1 /-</u>	<u>C13K 13 /-</u>	2017348278	<u>E21B 10 /-</u>
2017334047 2017351810 2017353427 2017354070 2017355596 2017356860 2017361868 2017371225 2017372709 2017425111 2018206015	2017345564	2017332808	2017342361	<u>E01B 9 /-</u>	2017332866
	<u>C09C 1 /-</u>	<u>C12M 1 /-</u>	<u>C13K 5 /-</u>	2017359914	<u>E21B 17 /-</u>
	2017350644 2017350645	2017356664 2017357650	2017342361	<u>E01C 11 /-</u>	2016433058 2016433478
<u>C07K 7 /-</u>	<u>C09C 3 /-</u>	<u>C12M 3 /-</u>	<u>C21D 8 /-</u>	<u>E01C 13 /-</u>	<u>E21B 19 /-</u>
2017348434 2017349979	2017350644 2017350645	2017357650	2018287603	2017337080	2017346962 2017356340
<u>C08F 255 /-</u>	<u>C09D 201 /-</u>	<u>C12N 1 /-</u>	<u>C22B 15 /-</u>	<u>E01C 19 /-</u>	<u>E21B 21 /-</u>
2017343628	2017350644 2017350645	2017340623	2017347388	2017341672	2017351645
<u>C08G 59 /-</u>	<u>C09D 5 /-</u>	<u>C12N 15 /-</u>	<u>C22B 21 /-</u>	<u>E01C 9 /-</u>	<u>E21B 23 /-</u>
2017349047	2017339979	2016427922 2017328728 2017330438 2017331275 2017332408 2017335058 2017346885 2017351810 2017352589 2017353969 2017354070 2017357638 2017359342 2017362513 2017364084 2017366760	2017347388	2017343671	2017351645
<u>C08G 63 /-</u>	<u>C09K 11 /-</u>	<u>C22B 7 /-</u>	<u>C22C 38 /-</u>	<u>E01F 3 /-</u>	<u>E21B 3 /-</u>
2017346790	2017350734	2017347388	2018287603	2018346997	2017346962 2017356340
<u>C08J 5 /-</u>	<u>C09K 21 /-</u>	<u>C23C 28 /-</u>	<u>C25B 11 /-</u>	<u>E02B 9 /-</u>	<u>E21B 33 /-</u>
2017349047	2017345564	2017377216	2017381058	2018293589	2017346661 2017346962 2017348102
	<u>C10B 53 /-</u>	<u>C25D 3 /-</u>	<u>E04B 1 /-</u>	<u>E04B 2 /-</u>	<u>E21B 41 /-</u>
	2017363548 2017381624	2017335058	2017351956	2017343812	2016433797 2017346661
	<u>C10G 11 /-</u>				
	2017360494				

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<u>E21B 43 /-</u>	<u>F04C 14 /-</u>	<u>F16N 11 /-</u>	<u>G01B 3 /-</u>	<u>G01V 15 /-</u>	<u>G06F 9 /-</u>
2016433478	2017345743	2017338265	2016427468	2017325103	2016426446
2017345743	<u>F04C 18 /-</u>	<u>F16N 27 /-</u>	<u>G01C 21 /-</u>	<u>G02B 27 /-</u>	2017326638
2017348102	2017345743	2017331743	2018278618	2017332754	2017331599
2017361783				2017369976	2017342278
<u>E21B 47 /-</u>	<u>F04C 2 /-</u>	<u>F16N 29 /-</u>	<u>G01C 3 /-</u>		<u>G06K 19 /-</u>
2016433058	2017345743	2017331743	2016427468	<u>G02B 3 /-</u>	2017325103
<u>E21B 7 /-</u>	<u>F15B 13 /-</u>	<u>F23D 14 /-</u>	<u>G01F 1 /-</u>	2017369976	<u>G06K 9 /-</u>
2017332866	2017346841	2017290132	2017345460	<u>G02B 6 /-</u>	2017407978
2017346841			2017353079	2017330180	2017410210
<u>E21C 25 /-</u>	<u>F16B 13 /-</u>	<u>F23H 1 /-</u>	<u>G01F 15 /-</u>	2017350734	2018350527
2016428997	2017381058	2017336081		<u>G02C 7 /-</u>	<u>G06N 3 /-</u>
2018296041	<u>F16B 23 /-</u>	<u>F24F 1 /-</u>	2017345460	2017369976	2017348347
<u>E21C 31 /-</u>	2017339763	2017336819	<u>G01J 1 /-</u>	<u>G02F 1 /-</u>	2017348380
2018296041	<u>F16D 7 /-</u>	<u>F24F 13 /-</u>	2017330180	2017350734	<u>G06N 99 /-</u>
<u>E21C 35 /-</u>	2017356340	2017336819	<u>G01L 5 /-</u>	<u>G05B 15 /-</u>	2016427834
2018278618	<u>F16H 7 /-</u>	<u>F24H 1 /-</u>	2017361783	2017332287	2017330333
2018289881	2018274947	2017349622	<u>G01N 1 /-</u>	<u>G05B 19 /-</u>	<u>G06Q 10 /-</u>
2018296041	<u>F16K 11 /-</u>	<u>F24S 50 /-</u>	2017347776	2017331743	2017378617
<u>E21D 1 /-</u>	2017350704	2017338736	<u>G01N 15 /-</u>	<u>G05B 23 /-</u>	<u>G06Q 20 /-</u>
2017332866	<u>F16K 15 /-</u>	<u>F25B 39 /-</u>	2017353079	2017348460	2017378617
<u>E21D 9 /-</u>	2016424703	2017363597	<u>G01N 17 /-</u>	<u>G05F 1 /-</u>	2018289629
2016428997	<u>F16K 3 /-</u>	<u>F25B 7 /-</u>	2018211292	2017349622	<u>G06Q 30 /-</u>
2017332866	2017350704	2018252948	<u>G01N 21 /-</u>	<u>G06F 1 /-</u>	2016428215
<u>E21F 16 /-</u>	<u>F16K 31 /-</u>	<u>F25C 1 /-</u>	2017377078	2017348453	2017362948
2017414139	2017329247	2017363597	<u>G01N 27 /-</u>	2017377949	<u>G06Q 50 /-</u>
<u>F01M 1 /-</u>	2017350704	<u>F26B 17 /-</u>	2017332791	<u>G06F 15 /-</u>	2017348419
2017331743	2016427019	2017355230	<u>G01N 29 /-</u>	2017326638	<u>G06T 13 /-</u>
<u>F02M 21 /-</u>	<u>F16L 19 /-</u>	<u>F26B 21 /-</u>	2016427834	<u>G06F 16 /-</u>	2016427777
2017343443	2016427019	2017374037	<u>G01N 33 /-</u>	2017325103	<u>G06T 19 /-</u>
<u>F02M 29 /-</u>	<u>F16L 21 /-</u>	<u>F26B 3 /-</u>	2017330438	2017331800	2017362937
2017337785	2016427019	2017374037	2017341102	<u>G06F 17 /-</u>	<u>G06T 5 /-</u>
<u>F03B 13 /-</u>	<u>F16L 33 /-</u>	<u>F28D 1 /-</u>	2017347776	2017325103	2016427777
2018293589	2016427019	2017363597	2017348491	2017342278	<u>G06T 7 /-</u>
<u>F03D 9 /-</u>	<u>F16L 37 /-</u>	<u>F28F 3 /-</u>	2017350800	2017345769	2017343690
2017348102	2016427019	2017363597	2017351810	2017362937	2017362937
<u>F04B 17 /-</u>	2017428029		2017353143	2017434337	<u>G07B 15 /-</u>
2017345741	<u>F16L 47 /-</u>	2017363597	2017355596	<u>G06F 21 /-</u>	2017363240
<u>F04B 19 /-</u>	2017345394	<u>F42B 5 /-</u>	2017355712	2016427778	<u>G07C 9 /-</u>
2017345741	<u>F16L 9 /-</u>	2017352844	2017356943	<u>G06F 3 /-</u>	2017363240
<u>F04B 49 /-</u>	2017361783	<u>G01B 11 /-</u>	2017425111	2016426314	2017410210
2017345741		2016432713	<u>G01S 17 /-</u>	2017326638	<u>G08B 1 /-</u>
			2016427468	2017332287	2017347776
				2017388066	

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<u>G08B 21 /-</u>	<u>H01L 21 /-</u>	<u>H02P 21 /-</u>	<u>H04N 21 /-</u>
2017330515	2017345588	2017336032	2017346590
2017332957	2017349622	2017336112	2017354169
2017395531	2017363826		2017367221
<u>G08B 23 /-</u>	<u>H01L 31 /-</u>	<u>H02P 25 /-</u>	<u>H04N 5 /-</u>
2017395531	2017337293	2017336112	2016427777
<u>G09B 5 /-</u>	<u>H01L 33 /-</u>	<u>H02P 27 /-</u>	<u>H04R 1 /-</u>
2017347975	2017350734	2017336032	2016429412
<u>G09G 5 /-</u>	<u>H01M 10 /-</u>	<u>H02P 6 /-</u>	2017330515
2017362344	2017332742	2017345743	<u>H04R 29 /-</u>
<u>G10K 15 /-</u>	2017332752	<u>H02S 20 /-</u>	2017395532
2017347388	2017347388	2017332287	<u>H04R 5 /-</u>
2017395531	<u>H01M 2 /-</u>	<u>H02S 50 /-</u>	2016429412
<u>G10L 15 /-</u>	2017332746	2018213979	<u>H04W 24 /-</u>
2017362314	2017332752	<u>H03G 3 /-</u>	2017352540
<u>G11C 11 /-</u>	<u>H01M 4 /-</u>	2016429412	<u>H04W 4 /-</u>
2017348347	2017364747	<u>H03M 13 /-</u>	2016424950
2017348347	2017364749	2017355038	<u>H04W 52 /-</u>
<u>G11C 13 /-</u>	2017377216	<u>H04B 1 /-</u>	2017358882
2017348347	<u>H01M 6 /-</u>	2017330515	2018263238
<u>G11C 7 /-</u>	2017347388	<u>H04B 7 /-</u>	<u>H04W 72 /-</u>
2017348347	<u>H01M 8 /-</u>	2016424023	2016423584
<u>G16B 30 /-</u>	2017340911	<u>H04J 11 /-</u>	2017336905
2017377216	2017378609	2017354640	2018263238
2017362513	<u>H01R 13 /-</u>	<u>H04J 13 /-</u>	<u>H04W 88 /-</u>
<u>G21F 5 /-</u>	2017338618	2017354640	2017352540
2017362014	<u>H02J 3 /-</u>	2017354640	2017366745
<u>G21F 9 /-</u>	2017348616	<u>H04L 1 /-</u>	<u>H04W 92 /-</u>
2017362014	2017372665	2017345518	2017352540
<u>G21G 1 /-</u>	<u>H02J 7 /-</u>	2017351791	<u>H05K 5 /-</u>
2017343616	2017332742	2017355038	2017344406
<u>G21H 5 /-</u>	<u>H02K 7 /-</u>	<u>H04L 12 /-</u>	<u>H05K 7 /-</u>
2017356943	2016433797	2017345768	2017348453
<u>H01B 7 /-</u>	<u>H02M 1 /-</u>	<u>H04L 29 /-</u>	
2017361783	2017372665	2017326638	
<u>H01F 13 /-</u>	<u>H02M 5 /-</u>	2017336905	
2018214001	2017337434	2017366745	
<u>H01G 4 /-</u>	<u>H02M 7 /-</u>	2017407978	
2017334390	2017336032	<u>H04M 1 /-</u>	
<u>H01J 49 /-</u>	2017336112	2017362499	
2017334390	2017337434	<u>H04N 19 /-</u>	
	2017372665	2017331736	

Applications Accepted

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C09J 197/00 (2006.01)
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C07H 17/04 (2006.01)
A61K 31/357 (2006.01)
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B32B 9/00 (2006.01)
B05D 7/24 (2006.01)
B65D 65/40 (2006.01)
C09D 1/00 (2006.01)
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B41M 3/14 (2006.01)
B42D 25/29 (2014.01)
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D21H 19/82 (2006.01)
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C07D 221/20 (2006.01)
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A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 1/00 (2006.01)
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2013253581	GeneFrontier Corporation; National University Corporation Chiba University	2014285898	Simpson-Turner Ltd
2013260682	Samsung Electronics Co., Ltd.	2014286910	Air Diffusion Agencies Pty Ltd
2013277959	Takeda Vaccines, Inc.	2014288495	Unicharm Corporation
2013291765	Oxford Nanopore Technologies Limited	2014290081	UNL Holdings LLC
2013296237	Foundation Medicine, Inc.; UCL Business PLC	2014296532	Dana-Farber Cancer Institute, Inc.
2013296321	Alnylam Pharmaceuticals, Inc.	2014300853	Lesaffre Et Compagnie; Ecole Nationale Supérieure Des Sciences Agronomiques De Bordeaux Aquitaine (Bordeaux Sciences Agro)
2013302871	Baxalta GmbH; Baxalta Incorporated	2014300951	Aquilón CYL S.L.; Universidad de Leon
2013308233	Ipsen Bioinnovation Limited; Allergan, Inc.	2014302002	Pharma Consult Ges.m.b.H.
2013322644	Universidad de Leon; Aquilon CyL S.L.	2014302875	Microsoft Technology Licensing, LLC
2013329188	Delphix Corp.	2014305897	Unitract Syringe Pty Ltd
2013333752	Lesaffre et Compagnie	2014307014	Google LLC
2013333882	Enterome; Institut National de la Recherche Agonomique	2014308905	MacroGenics, Inc.
2013336244	Gressel, J.; Granot, M.	2014308907	MacroGenics, Inc.
2013359469	Seattle Biomedical Research Institute; The University of Queensland	2014309186	Nuvera Fuel Cells, LLC
2013363194	President and Fellows of Harvard College	2014311187	Tastetro Inc.
2013370238	Hansen, R.	2014315652	McGinley Engineered Solutions, LLC
2013378793	Qualcomm Incorporated	2014316860	PolyPhotonix Limited
2013397477	Baylis Medical Company Inc.	2014318499	Biodesix, Inc.
2013398298	Zammi Instrumental Ltda	2014322985	Tillotts Pharma AG
2013403622	Wei, E.	2014324844	Ecolab USA Inc.
2014200621	SAMSUNG ELECTRONICS CO., LTD.	2014329396	Abominable Labs, LLC
2014200660	SAMSUNG ELECTRONICS CO., LTD.	2014329547	The Board of Trustees of the Leland Stanford Junior University
2014201596	SAMSUNG ELECTRONICS CO., LTD.	2014331890	Qualcomm Incorporated
2014201985	SERNIS - FORMAÇÃO E SOLUÇÕES TECNOLÓGICAS, LDA.	2014334531	The Regents of the University of Michigan
2014202268	Honeywell International Inc.	2014336898	Soluciones de Diseno Integral S.A
2014203391	BIOSENSE WEBSTER (ISRAEL) LTD.	2014340037	Powercast Corporation
2014204421	Provda, A.; Provda, A.	2014340626	Ab Initio Technology LLC
2014213577	BIOSENSE WEBSTER (ISRAEL) LTD.	2014342935	Tendyne Holdings, Inc.
2014214652	MZ IP HOLDINGS, LLC	2014345514	Stucchi S.p.A.
2014215986	BIOSENSE WEBSTER (ISRAEL) LTD.	2014348695	Ivenix, Inc.
2014216047	Ear Labs AB	2014351681	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
2014218419	Ancestry.com DNA, LLC	2014353102	SomaLogic, Inc.
2014218788	The Regents of the University of California	2014355161	PSMG, LLC
2014224127	Fong Prean Industrial Co., Ltd	2014358911	Design Reality Ltd
2014225301	Macquarie University	2014360590	Gray-Owen, S.; Moraes, T.; Schryvers, A.
2014227827	The General Hospital Corporation	2014361777	Detnet South Africa (Pty) Limited
2014235476	Takeda Vaccines, Inc.; The Government of The United States of America as represented by The Secretary of Department of Health and Human Services	2014363278	Veolia Proprete
2014236098	Novartis AG; The Trustees of the University of Pennsylvania	2014369910	Deep Brain Innovations LLC
2014246685	The Boeing Company	2014370454	Agency for Science, Technology and Research
2014249922	Wabtec Holding Corp.	2014374334	EcoServices, LLC
2014252196	PregLem SA	2014375262	Medlumics, S.L.
2014253607	Monash University	2014376132	7513194 Canada Inc.
2014253850	The Trustees of Columbia University in the City of New York	2014377716	Cohesive Systems LLC
2014255733	Tilt Biotherapeutics Oy	2014379449	Baker Hughes, a GE company, LLC
2014257171	Creative Nail Design, Inc.	2014379540	Clearwater Holdings, Ltd.
2014259566	Cool Dynamics Refrigeration Pty Ltd	2014384739	Kimberly-Clark Worldwide, Inc.
2014259592	K2M, Inc.	2014385275	Janssen Pharmaceutica NV
2014262385	Duncanson, K.; Whitehouse, G.	2014388296	Fenwal, Inc.
2014265291	Visa International Service Association	2014389038	Equinor Energy AS
2014266266	ASAHI CALPIS WELLNESS CO., LTD.	2014390263	Maschinenfabrik Kopperrn GmbH & Co. KG
2014267199	Nestec S.A.	2014396467	Kongsberg Defence & Aerospace AS
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2014274660	Pierre Fabre Médicament	2014405666	Daeyang Rollent Co., Ltd.
2014277666	Progress Rail Services Corporation	2014405942	InnoVision, Inc.
2014284878	Mascull, R.T.; Mascull, E.J.	2014406531	Flowserve Management Company
2014285255	SUNTORY HOLDINGS LIMITED	2014415564	Halliburton Energy Services, Inc.
2014285419	Unicharm Corporation	2015200317	Datamars SA
		2015201556	Steelmore Holdings Pty Ltd
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2015202966	Joy Global Surface Mining Inc	2015279128	UCB Biopharma SPRL
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2015203390	J.C. Bamford Excavators Limited	2015280230	Carbon, Inc.
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2015204285	FURNACE ENGINEERING PTY LTD	2015280348	Well Shield LLC
2015204405	Chamberlain Australia Pty Ltd.	2015281286	Assa Abloy Entrance Systems AB
2015204868	Potrero Medical, Inc	2015282401	Compact GTL plc
2015210904	Bristol-Myers Squibb Company	2015282480	Kuhn-Blanchard SAS
2015211378	Aseko, Inc.	2015282630	Serres Oy
2015212355	Neighbours, G.	2015282800	Billerudkorsnas AB
2015212384	I.V.A.R. S.P.A.	2015282801	Billerudkorsnas AB
2015217537	CommScope Technologies LLC	2015282923	Reckitt Benckiser Finish BV
2015218223	Children's National Medical Center	2015282985	Amberger Kaolinwerke Eduard Kick GmbH & Co. KG
2015218863	Tapco, Inc.	2015283080	Becton Dickinson Rowa Germany GmbH
2015220560	Cancer Research Technology Limited; Emory University; Imperial Innovations Limited	2015283133	Obseva SA
2015221010	Novartis AG	2015284224	Nuvera Fuel Cells, LLC
2015221415	Breville Pty Limited	2015284873	Moonshine Solutions AS
2015221722	Elbit Systems Land And C4I Ltd.	2015286228	Emergent Mining Technologies Pty Ltd
2015225941	Adaptix Limited	2015289003	Veolia Proprete
2015226459	Fresenius KABI Deutschland GmbH	2015289022	Knauf Insulation, Inc.; Knauf Insulation SPRL
2015226824	Jefferson, B.	2015289838	Q.E.D. Environmental Systems, Inc.
2015226832	Dometic Sweden AB	2015290200	Qualcomm Incorporated
2015228497	Food Machinery Crescenzo S.r.l.	2015290300	Valinge Innovation AB
2015228954	Novomatic AG	2015293776	AFYREN
2015230658	Hirtenberger Defence Europe GmbH	2015295104	Direct Healthcare Services Limited
2015231788	St. Jude Medical, Cardiology Division, Inc.	2015295248	Quriert Co., Ltd.; Institut Pasteur Korea
2015231819	BL Technologies, Inc.	2015296117	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.
2015231883	Vid Scale, Inc.	2015299744	Pullman Espresso Accessories
2015231937	Vesuvius USA Corporation	2015301745	Mylan Inc.
2015233424	Kuraray Co., Ltd.	2015302219	Albemarle Corporation
2015234374	Deere & Company	2015304150	Samsung Electronics Co., Ltd.
2015236545	PepsiCo, Inc.	2015306137	National University of Ireland, Galway
2015239730	Lufthansa Technik AG	2015307084	Deere & Company
2015241477	Mentor Worldwide LLC	2015307379	Samsung Electronics Co., Ltd.
2015241478	Mentor Worldwide LLC	2015309261	Johnson & Johnson Medical GmbH
2015243024	The Boeing Company	2015311900	AGCO Corporation
2015243141	Wright, J.; Lai, J.; Catalyst Lifestyle Limited	2015322099	CushCore, LLC
2015243390	S&C Electric Company	2015322196	Rotacon Engineering Limited
2015244268	Oasys Water LLC	2015322832	Sony Corporation
2015244698	Takeda Pharmaceutical Company Limited	2015327763	Biggin Pty Ltd
2015245265	3E Nutrition Limited	2015328352	Scott Technologies, Inc.
2015245617	Caterpillar Global Mining Europe GmbH	2015333682	USNR, LLC
2015245935	Family Zone Cyber Safety Ltd.	2015334724	Colorant Chromatics AG
2015247983	Boehringer Ingelheim International GmbH	2015336149	T.F.H. Publications, Inc.
2015250121	Becton, Dickinson and Company	2015336232	Thin Film Electronics ASA
2015251856	Sakainagoya Co., Ltd.; Nouvelle Vague International Co., Ltd.	2015338800	Kristani, F.
2015253192	Incyte Corporation	2015339245	Barlean's Organic Oils, LLC
2015253370	Owen Oil Tools LP	2015339582	Cascade Corporation
2015253443	Ecolab USA Inc.	2015341301	Kangpu Biopharmaceuticals, Ltd.
2015255233	CSR Building Products Limited	2015341626	Schneider Electric Industries SAS
2015256076	Buffalo Filter LLC	2015345523	Merz Pharma GmbH & Co. KGaA
2015258100	Merck Patent GmbH	2015348985	Stellenbosch University
2015258616	Chu, K.	2015349661	Nantomics, LLC
2015258806	The NanoSteel Company, Inc.	2015349767	Rohm and Haas Company
2015261237	Permaban Limited	2015350128	Entasis Therapeutics Limited
2015261458	USound GmbH	2015355128	Eli Lilly and Company
2015263264	Motor Development International S.A	2015358314	GX Technology Canada Ltd.
2015264338	Presby Patent Trust	2015359509	DCNS
2015264495	Babcock & Wilcox Company	2015359536	Akzo Nobel Chemicals International B.V.
2015265319	Japan Science and Technology Agency	2015360900	AGCO Corporation
2015265650	Reckitt Benckiser (Brands) Limited	2015362796	Novartis AG
2015269672	Airius IP Holdings, LLC	2015369653	Road Widener LLC
2015271030	Vertex Pharmaceuticals Incorporated	2015371501	BASF SE
2015271086	Koppers Performance Chemicals Inc.	2015374411	3M Innovative Properties Company
2015273311	Vygon; Boussignac, G.	2015385382	Huawei Technologies Co., Ltd.
2015275748	Luigi Lavazza S.p.A.	2015388541	TTI (Macao Commercial Offshore) Limited
2015275826	Pfizer Inc.	2015390718	Flowserve Management Company
		2015391635	Schott Kaisha Pvt Ltd
		2015392660	Wuhan Wuda Zoyon Science and Technology Co., Ltd

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2015393357	Caregen Co., Ltd.	2016315921	Baker Hughes, a GE Company, LLC
2015408938	Glory Ltd.	2016316924	The Procter & Gamble Company
2015415909	Colgate-Palmolive Company	2016318036	PPG Industries Ohio, Inc.
2015415925	Colgate-Palmolive Company	2016320945	Daikin Industries, Ltd.
2015416473	Fuji Corporation	2016321601	Thales Management & Services Deutschland GmbH
2015416530	Essity Hygiene and Health Aktiebolag	2016321767	Evonik Technochemie GmbH
2015417555	Vitro, S.A.B. De C.V.	2016325991	UbiQD, Inc.
2016200355	Nimmo, C.	2016327715	Guizhou Bailing Group Pharmaceutical Co., Ltd.
2016200983	American Greetings Corporation	2016330228	NV Michel Van De Wiele
2016202157	THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY	2016331024	Electrical Subsea & Drilling AS
2016207131	BPW Bergische Achsen KG	2016331198	Compagnie Generale des Etablissements Michelin
2016207702	Ben Meir, I.	2016331201	Compagnie Generale des Etablissements Michelin
2016207759	AgResearch Limited	2016332046	General Monitors, Inc.
2016213009	Terumo Kabushiki Kaisha	2016333862	Cardiac Pacemakers, Inc.
2016218055	Ventana Medical Systems, Inc.	2016335524	Battelle Memorial Institute
2016218084	Hammerglass AB	2016335990	Illinois Tool Works Inc.
2016219626	INA Acquisition Corp.	2016336254	Imperial Tobacco Limited
2016219853	Lixte Biotechnology, Inc.; The Institut national de la Santé et de la Recherche Médicale	2016340768	EVN AS
2016222648	Atmospheric and Space Technology Research Associates, LLC	2016344326	II-VI Incorporated
2016223229	Esquify, Inc.	2016344417	Becton, Dickinson and Company
2016231220	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung E.V.	2016344480	Baker Hughes, a GE company, LLC
2016232353	F. Hoffmann-La Roche AG	2016344962	Mitsubishi Electric Corporation
2016232977	Vectus Biosystems Limited	2016346789	Baker Hughes, a GE Company, LLC
2016235110	Colgate-Palmolive Company	2016349212	SEW-EURODRIVE GmbH & Co. KG
2016237183	Terumo Kabushiki Kaisha	2016350158	AdaBio Co., Ltd.; Otsuka Pharmaceutical Factory, Inc.
2016238240	Amazon Technologies, Inc.	2016350662	LG Electronics Inc.
2016246680	Bedloe Industries LLC	2016354439	Weatherford Technology Holdings, LLC.
2016249405	Lensar, Inc.	2016355178	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; The Broad Institute, Inc.
2016251428	Walter Maschinenbau GmbH	2016358614	Welltec Oilfield Solutions AG
2016253886	Mitsubishi Tanabe Pharma Corporation; Osaka University; National University Corporation Chiba University	2016358837	CNH Industrial France; CQFD Composites
2016254275	NR Electric Co., Ltd.; NR Engineering Co., Ltd.	2016358855	Omya International AG
2016256752	General Electric Company	2016361113	Neodrill AS
2016256948	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	2016364950	Boston Scientific Scimed, Inc.
2016262368	Xencor, Inc.	2016366566	Avixgen Inc.
2016263820	Horseware Products Ltd	2016369448	Essilor International
2016263863	Toyo Seikan Co., Ltd.; Toyo Seikan Group Holdings, Ltd.	2016374775	Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France
2016264827	Telefonaktiebolaget LM Ericsson (publ)	2016376980	Yara Dallol BV
2016264974	Uber Technologies, Inc.	2016379173	Nite Ize, Inc.
2016268298	Huawei Technologies Co., Ltd.	2016383072	Dexcom, Inc.
2016270000	Exxonmobil Upstream Research Company	2016383819	Mitsubishi Electric Corporation
2016273886	Korea Research Institute of Bioscience and Biotechnology; Yungjin Pharmaceutical Co., Ltd.	2016384296	Dorf Ketal Chemicals (India) Private Limited
2016273889	Aristocrat Technologies Australia Pty Limited	2016384539	LG Electronics Inc.
2016273906	W. L. Gore & Associates, Inc.	2016385274	LG Electronics Inc.
2016275627	Lehnhoff Hartstahl GmbH	2016385333	LG Electronics Inc.
2016275704	Lantmännen Ek För	2016389047	Google LLC
2016277897	Nanobacterie	2016389048	Google LLC
2016278851	Qualcomm Incorporated	2016391398	Mitsubishi Electric Corporation
2016283182	Sony Corporation	2016391628	Qualcomm Incorporated
2016283590	Bridgestone Corporation	2016393002	Mitsubishi Electric Corporation
2016287501	Carlisle Fluid Technologies, Inc.	2016393246	KM Investors, LLC
2016289725	Transimmune AG; Yale University	2016397317	NEC Corporation
2016291090	National Oilwell Varco Norway AS	2016398212	Borealis AG
2016292849	Crayonano AS; Norwegian University of Science and Technology (NTNU)	2016398444	New York Air Brake, LLC
2016292850	Crayonano AS; Norwegian University of Science and Technology (NTNU)	2016399224	Husqvarna AB
2016295045	LG Electronics Inc.	2016406217	Westinghouse Air Brake Technologies Corporation
2016302407	Inventio AG	2016408783	Jiangsu Normal University
2016302412	Inventio AG	2016424227	China University of Mining and Technology
2016304401	GlaxoSmithKline Intellectual Property Development Limited	2017201099	Hunter Douglas Inc.
2016305331	Pfizer Inc.	2017201158	The Scripps Research Institute
2016310939	LG Electronics Inc.	2017201331	INDUSTRIAS REUNIDAS COLOMBO LTDA.
		2017201542	The Scripps Research Institute
		2017201926	Facebook, Inc.
		2017202019	The University of Tokyo
		2017202047	Husmann Corporation
		2017202147	CMP Products Limited
		2017202268	Devgen NV
		2017202433	W. L. Gore & Associates, Inc.
		2017202434	UCB Pharma S.A.
		2017202636	The Scripps Research Institute; Zhang, H.; Wilson, I.; Lerner, R.

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2017202946	Massachusetts Institute of Technology	2017235994	Reliance Worldwide Corporation
2017203163	Torqueo GmbH	2017239481	Vertex Pharmaceuticals Incorporated
2017203639	R. Cegla GmbH & Co. KG	2017239516	Toray Industries, Inc.
2017203643	Aristocrat Technologies Australia Pty Limited	2017239601	Wayne State University
2017203644	Osaka University; StemRIM Inc.	2017239631	Nevro Corporation
2017203735	Reckitt & Colman (Overseas) Hygiene Home Limited	2017240451	Fuji Kogyo Co., Ltd.
2017203766	Brain Sentinel, Inc.	2017242124	Häfele Berlin GmbH & Co KG
2017203926	Kortek Industries Pty Ltd	2017242796	Philip Morris Products S.A.
2017204086	Yale University	2017243610	MEDACTA INTERNATIONAL SA
2017204106	CONMED Corporation	2017245300	Google LLC
2017204209	Carefusion 303, Inc.	2017245373	Apple Inc.
2017204312	Immunogen, Inc.	2017245375	CommScope Connectivity Belguin BVBA
2017204334	Xyleco, Inc.	2017245395	Cell Signaling Technology, Inc.
2017204337	ESBATEch, an Alcon Biomedical Research Unit LLC	2017245450	Enginetics, LLC
2017204348	W. L. Gore & Associates, Inc.	2017245478	Sanofi
2017204499	IDEXX Laboratories, Inc.	2017246156	Rohm and Haas Company; Union Carbide Chemicals & Plastics Technology LLC
2017204557	Ivenix, Inc.	2017247711	Composite Tech Holdings Limited
2017204730	ViewRay Technologies, Inc.	2017248241	Lockheed Martin Energy, LLC
2017204914	Unifed Messaging Systems ASA	2017248415	ExxonMobil Upstream Research Company
2017204993	Fisher & Paykel Healthcare Limited	2017248457	Joy Global Underground Mining LLC
2017205090	Reemtsma Cigarettenfabriken GmbH	2017248509	Sun Patent Trust
2017206245	Supernus Pharmaceuticals, Inc.	2017251712	ClearStream Technologies Limited
2017208264	Purdue Pharma L.P.	2017254889	Oryzon Genomics, S.A.
2017210502	MED-EL Elektromedizinische Geraete GmbH	2017254968	Infobridge Pte. Ltd.
2017210928	Institute of Process Engineering, Chinese Academy of Sciences; Beijing Zhongkaihongde Technology Co., Ltd	2017255214	Certis Cisco Security Pte. Ltd.
2017210929	Institute of Process Engineering, Chinese Academy of Sciences; Beijing Zhongkaihongde Technology Co., Ltd	2017255541	Crown Equipment Corporation
2017210930	Institute of Process Engineering, Chinese Academy of Sciences; Beijing Zhongkaihongde Technology Co., Ltd	2017256737	Diversey, Inc.
2017211244	Institut National de la Recherche Agronomique (INRA); Sorbonne Universite; Assistance Publique - Hopitaux de Paris	2017256752	Philip Morris Products S.A.
2017211612	Institute of Process Engineering, Chinese Academy of Sciences; Beijing Zhongkaihongde Technology Co., Ltd	2017258853	ALPHEX PHARMA SA
2017211613	Institute of Process Engineering, Chinese Academy of Sciences; Beijing Zhongkaihongde Technology Co., Ltd	2017258888	Borgward Trademark Holdings GmbH
2017212537	Colgate-Palmolive Company	2017258911	Clariant International Ltd
2017212882	GC Corporation	2017258960	Baylor College of Medicine
2017213449	Aqua Metals Inc.	2017259931	SEW-EURODRIVE GmbH & Co. KG
2017214603	Telefonaktiebolaget LM Ericsson (publ)	2017261074	LG Electronics Inc.
2017215263	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017261484	Apple Inc.
2017216411	Regenmed Systems, Inc.	2017261535	Sinopsis Surgical, Inc.
2017216441	Sutterlin, C.	2017261569	MasterCard International Incorporated
2017216486	LifeCell Corporation	2017264977	Empatica SRL
2017216523	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2017264986	Sangamo Therapeutics, Inc.
2017216557	Howard Heritage Holdings Pty Ltd	2017265155	Abiomed Europe GmbH
2017219058	Apple Inc.	2017265310	BrightGene Bio-Medical Technology Co., Ltd.
2017219152	Elanco Tiergesundheit AG	2017268031	Undercon Pty Ltd
2017219174	Ho, H.M.M.	2017268610	Apple Inc.
2017221779	Transposagen Biopharmaceuticals, Inc.	2017268669	RenaScience Co., Ltd.
2017221793	Ipsen Bioinnovation Limited	2017272056	Hingenuity International, LLC
2017221835	Halliburton Energy Services, Inc.	2017272136	Joy Global Surface Mining Inc
2017222038	LG Electronics Inc.	2017272177	SanBio, Inc.
2017222210	FMC Kongsberg Subsea AS	2017272222	Apple Inc.
2017225110	Alnylam Pharmaceuticals, Inc.	2017272295	CJ Cheiljedang Corporation
2017225115	Discovery Limited	2017276231	Knopp Biosciences LLC
2017225324	Siemens Aktiengesellschaft	2017276254	Accenture Global Solutions Limited
2017228544	Microsoft Technology Licensing, LLC	2017279803	Transitions Optical, Inc.
2017228596	BOC Limited	2017281513	3M Innovative Properties Company
2017228610	BASF SE	2017283631	Zimmer, Inc.
2017228651	Owens-Brockway Glass Container Inc.	2017285148	Unilever PLC
2017228690	Illinois Tool Works Inc.	2017286151	CHINA MEDICAL UNIVERSITY
2017228724	Stryker Corporation	2017301399	Cook Medical Technologies LLC
2017229328	Pedilay Care GmbH	2017303135	Allflex Europe
2017232044	OBSSHCHSTVO S OGRANICHBNNOJ OTVETSTVENNOST'JU "PARAFARM"	2017304971	Nippon Steel & Sumitomo Metal Corporation; Dai-Ichi High Frequency Co., Ltd.
2017232076	LifeCell Corporation	2017312435	The LED Source, Inc.
2017232079	ONE PASS IMPLEMENTS INC.	2017315859	Skylark Wireless, LLC; Guerra, R.; Shepard, C.; Anand, N.; Knightly, E.; Zhong, L.
2017232175	Magic Leap, Inc.	2017317090	Southern Research Institute
		2017353766	Boston Scientific Scimed, Inc.
		2017412140	CEC Systems Pty Ltd
		2018200074	Incept, LLC
		2018200325	Novartis AG
		2018200343	The Nielsen Company (US), LLC
		2018200692	Dow AgroSciences LLC
		2018200827	ABB Schweiz AG

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2018201060	Emory University
2018201255	ArvinMeritor Technology, LLC
2018201272	Cooper-Atkins Corporation
2018201360	Twelve, Inc.
2018201361	Flotek Chemistry, LLC
2018201362	Twelve, Inc.
2018201595	Ruoey Lung Enterprise Corp.
2018201604	GE Global Sourcing LLC
2018201627	Illumina, Inc.
2018201933	RealD Spark, LLC
2018201980	Medivir AB
2018202220	Bombardier Transportation GmbH
2018202356	Becton, Dickinson and Company
2018202526	Coravin, Inc.
2018202569	Siemens Medical Solutions USA, Inc.
2018203214	i4c Innovations Inc.
2018204236	Apple Inc.
2018204264	Gilead Calistoga LLC
2018204603	Becton, Dickinson and Company
2018204719	Zebra Technologies Corporation
2018208709	Davinci Italia/USA Group, LLC
2018214141	Avent, Inc.
2018217305	Social Market Analytics, Inc.
2018229412	Johnson & Johnson Surgical Vision, Inc.
2018236892	Hainan Haida Information Industrial Park Co., Ltd
2018240172	Forma Therapeutics, Inc.
2018253585	Biosense Webster (Israel) Ltd.
2018260897	DIVERSEY, INC.
2018260954	Western Digital Technologies, Inc.
2018271138	Donkin, M.
2018274956	Electrolux Appliances Aktiebolag
2018278900	Ontex BVBA; Ontex Group NV
2018278935	Ecolab USA Inc.
2019200123	Mayerle, D.
2019200141	Zhejiang Zhirui Technology Group Co., Ltd.
2019200433	Lymphatech, Inc.
2019201101	Apple Inc.
2019201842	Longquan Shengzhi Cup Industry Co., Ltd.
2019202054	Yiwu Guanda Cup Industry Co., Ltd.
2019202279	Lanxi Zhengke Lockset Co., Ltd.

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2015322196	2015336149	2016207759	2015251856	2014284878 2014376132	2013397477 2014213577 2014215986 2015202143 2016333862 2016364950
<u>A01B 61 /-</u>	<u>A01K 23 /-</u>	<u>A01P 1 /-</u>	<u>A41D 31 /-</u>	<u>A47J 31 /-</u>	
2015322196	2014285419 2014288495	2015306137	2014376132	2014285255 2015299744	
<u>A01B 69 /-</u>	<u>A01K 3 /-</u>	<u>A01P 13 /-</u>	<u>A41H 43 /-</u>	<u>A47J 37 /-</u>	<u>A61B 34 /-</u>
2015307084	2015200317	2017258911 2018200692	2015251856	2014336898	2017283631
<u>A01B 73 /-</u>	<u>A01K 39 /-</u>	<u>A21D 13 /-</u>	<u>A44B 11 /-</u>	<u>A47J 42 /-</u>	<u>A61B 5 /-</u>
2015322196	2015327763	2014262385	2016379173	2014311187	2014203391 2014213577 2015203541 2015211378 2015236545 2016383072 2017203766 2017264977 2018203214 2018253585
<u>A01C 7 /-</u>	<u>A01K 61 /-</u>	<u>A21D 2 /-</u>	<u>A45B 23 /-</u>	<u>A47J 43 /-</u>	
2017232079	2016340768	2014262385	2014201985	2015221415	
<u>A01D 34 /-</u>	<u>A01K 67 /-</u>	<u>A23C 7 /-</u>	<u>A45B 25 /-</u>	<u>A47J 47 /-</u>	
2015388541	2013253581	2015306137	2014201985	2014311187	
<u>A01D 41 /-</u>	<u>A01K 87 /-</u>	<u>A23K 10 /-</u>	<u>A47B 46 /-</u>	<u>A47L 15 /-</u>	<u>A61B 6 /-</u>
2017201331 2019200123	2017240451	2014266266 2015279261	2017272056	2016385274	2015225941 2017232044
<u>A01D 46 /-</u>	<u>A01M 1 /-</u>	<u>A23K 20 /-</u>	<u>A47B 47 /-</u>	<u>A47L 5 /-</u>	
2016358837	2016393246 2017203735	2015279261	2017272056	2015202958 2017256737 2018260897	<u>A61B 8 /-</u>
<u>A01D 57 /-</u>	<u>A01M 13 /-</u>	<u>A23K 50 /-</u>	<u>A47B 91 /-</u>		2017204730 2018214141
2015360900	2016393246 2017228596	2015279261	2014285898	<u>A47L 9 /-</u>	<u>A61B 90 /-</u>
<u>A01D 75 /-</u>	<u>A01M 7 /-</u>	<u>A23L 29 /-</u>	<u>A47B 96 /-</u>	2016295045 2017222038 2017256737 2017261074 2018260897	2014315652
2019200123	2015282480	2016275704	<u>A47C 23 /-</u>		<u>A61F 11 /-</u>
<u>A01D 85 /-</u>	<u>A01N 25 /-</u>	<u>A23L 33 /-</u>	2014284878	<u>A61B 1 /-</u>	2014216047 2017210502
2015234374	2015306137 2015371501 2016207759 2017228596 2017258911 2018200692	2016350158 2017211244	<u>A47C 27 /-</u>	2015256076	<u>A61F 13 /-</u>
<u>A01F 12 /-</u>		<u>A23L 7 /-</u>	2014284878	<u>A61B 10 /-</u>	2014267236 2014384739 2018278900 2019200433
2019200123		2016275704	<u>A47C 3 /-</u>	2017216411	
<u>A01F 15 /-</u>		<u>A23N 3 /-</u>	2018201595	<u>A61B 17 /-</u>	
2015311900	<u>A01N 31 /-</u>	2015228497	<u>A47C 7 /-</u>	2013397477 2014259592 2014315652 2014405942 2015202803 2015202932 2015203023 2015218223 2015221010 2016364950 2017204106 2017216411 2017216441 2017228724 2017243610 2017353766 2018253585	<u>A61F 2 /-</u>
<u>A01G 17 /-</u>	2017228596	<u>A23N 4 /-</u>	2014284878		2014342935 2015231788 2015241477 2015241478 2015309261 2016273906 2017202433 2017204106 2017261535 2017283631 2018201360 2018201362
2015276798	<u>A01N 37 /-</u>	2015228497	<u>A47F 1 /-</u>		
<u>A01G 25 /-</u>	2018278935	<u>A24F 23 /-</u>	2014311187		
2015348985	<u>A01N 39 /-</u>	2016336254 2017242796 2017256752	<u>A47F 3 /-</u>		
<u>A01H 5 /-</u>	2017258911	<u>A41B 11 /-</u>	2017202047		
2017202268	<u>A01N 57 /-</u>	2017229328	<u>A47G 19 /-</u>		
<u>A01K 11 /-</u>	2017258911	<u>A41D 13 /-</u>	2014311187 2019201842		
2017303135	<u>A01N 59 /-</u>	2015251856 2017229328	<u>A47G 29 /-</u>		<u>A61F 9 /-</u>
<u>A01K 13 /-</u>	2015280348 2015306137		2014311187		2015221010 2016249405 2018229412
2016263820					

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2015416473	<u>A61K 35 /-</u>	2015280348	2014267228	<u>A61P 27 /-</u>	2015415909
<u>A61G 7 /-</u>	2013322644	<u>A61L 27 /-</u>	2014290081	2017268669	<u>A61Q 15 /-</u>
2015295104	2014236098	2015345523	2014302002	<u>A61P 29 /-</u>	2017285148
<u>A61H 1 /-</u>	2014255733	2015362796	2014305897	2013253581	<u>A61Q 17 /-</u>
2019200433	2014266266	2017216486	2014348695	2014300853	2017212537
<u>A61J 1 /-</u>	2014300853	2017232076	2015211378	2016327715	<u>A61Q 3 /-</u>
2015282630	2016289725	<u>A61L 9 /-</u>	2015355128	2017211244	2014257171
<u>A61J 3 /-</u>	2017202019	2017203735	2015374411	<u>A61P 3 /-</u>	<u>A62B 18 /-</u>
2015339245	2017203644	2017246156	2015391635	2014385275	2014358911
<u>A61J 7 /-</u>	2017211244	<u>A61M 1 /-</u>	2016213009	2017258853	2017204993
2015211378	2017272177	2014388296	2016237183	<u>A61P 31 /-</u>	2017281513
2015283080	<u>A61K 38 /-</u>	2015282630	2017204209	2014253607	<u>A62B 7 /-</u>
<u>A61K 131 /-</u>	2013308233	2017265155	2017204557	2014285733	2014358911
2014262385	2014329547	2018229412	2018200074	2014300951	2017204993
<u>A61K 31 /-</u>	2015393357	<u>A61M 15 /-</u>	2018200325	2014360590	<u>A62B 9 /-</u>
2013403622	2016355178	2014227827	<u>A61N 1 /-</u>	2015350128	2017204993
2014252196	2016366566	<u>A61M 16 /-</u>	2017239631	2016232353	2017281513
2014253607	2017203644	2014227827	<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A63B 5 /-</u>
2014285733	<u>A61K 39 /-</u>	2015273311	2014316860	2014236098	2016207702
2014296532	2013253581	2017203639	<u>A61P 1 /-</u>	2015220560	<u>A63B 69 /-</u>
2014322985	2013277959	2017204993	2014262385	2015253192	2015258616
2014385275	2014235476	<u>A61M 25 /-</u>	2016350158	2015258100	<u>A63B 71 /-</u>
2015210904	2014274660	2013397477	2017203644	2015275826	2015258616
2015220560	2014300853	2015250121	2017211244	2015296117	<u>A63C 17 /-</u>
2015244698	2014300951	2016344417	2017268669	2015341301	2013370238
2015247983	2014308905	2017204348	<u>A61P 11 /-</u>	2016327715	<u>A63F 5 /-</u>
2015253192	2014308907	2017216411	2017268669	2017204312	2016273889
2015258100	2014360590	2017251712	<u>A61P 13 /-</u>	2017265310	<u>B01D 35 /-</u>
2015275826	2016253886	2017301399	2017268669	2017268669	2016310939
2015283133	2016262368	2018202356	<u>A61P 15 /-</u>	<u>A61P 37 /-</u>	2014227827
2015295248	2016304401	2018253585	2014252196	2013253581	2014370454
2015296117	2017204337	<u>A61M 27 /-</u>	2014266266	2014360590	2015239730
2015341301	2017219152	2015204868	<u>A61P 17 /-</u>	2015253192	2015284224
2015350128	2017258960	<u>A61M 29 /-</u>	2017203644	2015258100	2016384296
2016219853	<u>A61K 47 /-</u>	2013397477	<u>A61P 19 /-</u>	2016253886	<u>B01D 61 /-</u>
2016232353	2014267199	2017228724	2014303622	2018204264	2015244268
2016232977	2017206245	<u>A61M 3 /-</u>	2016355178	<u>A61P 43 /-</u>	2014218788
2016273886	<u>A61K 48 /-</u>	2018229412	2017203644	2017268669	<u>B01D 71 /-</u>
2016304401	2017203644	<u>A61M 37 /-</u>	<u>A61P 21 /-</u>	<u>A61P 5 /-</u>	<u>B01F 13 /-</u>
2016327715	<u>A61K 6 /-</u>	2017228724	2017203644	2015283133	2016235110
2016350158	2017212882	<u>A61M 39 /-</u>	<u>A61P 25 /-</u>	<u>A61P 7 /-</u>	
2017203644	<u>A61K 8 /-</u>	2013398298	2014300853	2015210904	
2017206245	2014257171	2014267228	2014329547	2017202019	
2017208264	2015306137	2015226459	2017203644	2017268669	
2017225110	2015415909	2017204209	<u>A61P 29 /-</u>	2018240172	
2017258853	2017212537	2017216411	<u>A61P 3 /-</u>	<u>A61P 9 /-</u>	
2017265310	2017285148	2018204603	2017203644	2017203644	
2017268669	<u>A61K 9 /-</u>	2013398298	<u>A61P 31 /-</u>	2017268669	
2017276231	2014267199	2014267228	2014300853	2018240172	
2018201060	2014322985	2015226459	2015253192	<u>A61P 35 /-</u>	
2018201980	2014329547	2017204209	2016253886	2014236098	
2018204264	2015306137	2017216411	2017206245	2015220560	
2018240172	2015339245	2018204603	2017268669	2015253192	
<u>A61K 33 /-</u>	2017206245			2015258100	
2015306137	2017208264			2016253886	
	2017258853			2018204264	

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<u>B01F 15 /-</u>	<u>B08B 9 /-</u>	<u>B28B 19 /-</u>	<u>B32B 9 /-</u>	<u>B61G 3 /-</u>	2019200141
2016235110	2014374334	2014396515	2015233424	2016246680	<u>B64D 15 /-</u>
<u>B01F 7 /-</u>	<u>B09B 1 /-</u>	<u>B28C 7 /-</u>	<u>B41J 13 /-</u>	<u>B61H 1 /-</u>	2017202946
2016235110	2015289838	2017268031	2018204719	2016406217	<u>B65B 3 /-</u>
<u>B01J 19 /-</u>	<u>B21B 27 /-</u>	<u>B29C 53 /-</u>	<u>B41J 3 /-</u>	<u>B61H 13 /-</u>	2015391635
2015282401	2014390263	2016273906	2018204719	2016406217 2018201604	<u>B65B 69 /-</u>
<u>B01J 20 /-</u>	<u>B21B 28 /-</u>	<u>B29C 65 /-</u>	<u>B41M 3 /-</u>	<u>B61L 1 /-</u>	2015282630
2015239730	2014390263	2016336254	2016358855	2016321601	<u>B65D 1 /-</u>
<u>B01J 23 /-</u>	<u>B23K 31 /-</u>	<u>B29C 70 /-</u>	<u>B42D 15 /-</u>	<u>B61L 23 /-</u>	2016263863
2016316924 2017317090	2017304971	2016273906	2016200983	2014249922 2018201604	<u>B65D 23 /-</u>
<u>B01J 27 /-</u>	<u>B23K 35 /-</u>	<u>B29D 23 /-</u>	<u>B42D 25 /-</u>	<u>B61L 25 /-</u>	2016263863
2016316924	2015243024	2016273906	2016358855	2016321601 2018201604	<u>B65D 25 /-</u>
<u>B01J 35 /-</u>	<u>B23P 11 /-</u>	<u>B29L 9 /-</u>	<u>B43K 23 /-</u>	2016321601 2018201604	2016235110 2016263863
2016316924	2014390263	2016336254	2014204421	<u>B62B 3 /-</u>	<u>B65D 30 /-</u>
<u>B01J 37 /-</u>	<u>B23Q 17 /-</u>	<u>B30B 11 /-</u>	<u>B44C 5 /-</u>	2017255541	2015282800 2015282801
2016316924	2016251428	2014390263	2015290300	<u>B62D 35 /-</u>	<u>B65D 43 /-</u>
<u>B01J 49 /-</u>	<u>B25B 13 /-</u>	<u>B30B 9 /-</u>	<u>B60C 17 /-</u>	2016331198 2016331201	2015243141
2016344326	2015226824	2015311900	2015322099	<u>B62D 6 /-</u>	<u>B65D 49 /-</u>
<u>B01L 3 /-</u>	<u>B25C 1 /-</u>	<u>B32B 1 /-</u>	<u>B60H 1 /-</u>	2015307084	2017228651
2014218419 2015276638	2017228690	2016219626	2015226832	<u>B63B 21 /-</u>	<u>B65D 5 /-</u>
<u>B02C 4 /-</u>	2016295045 2017222038	2014396515	2016218084	2015358314 2016291090	2017205090
2014390263	<u>B25J 13 /-</u>	<u>B32B 15 /-</u>	<u>B60J 1 /-</u>	<u>B63B 35 /-</u>	<u>B65D 51 /-</u>
<u>B05B 1 /-</u>	2016295045 2017222038	2015258806	2018271138	2016340768	2017228651
2015348985	<u>B25J 19 /-</u>	<u>B32B 25 /-</u>	<u>B60P 7 /-</u>	<u>B63B 69 /-</u>	<u>B65D 55 /-</u>
<u>B05B 12 /-</u>	2016295045 2017222038	2016283590	2018271138	2018236892	2017228651
2016287501	2016295045 2017222038	<u>B32B 27 /-</u>	<u>B60R 25 /-</u>	<u>B63B 7 /-</u>	<u>B65D 6 /-</u>
<u>B05B 17 /-</u>	<u>B25J 5 /-</u>	2014376132 2015290300	2017225115	2016340768	2016256948
2018200692	2017222038	<u>B32B 3 /-</u>	<u>B60T 13 /-</u>	<u>B63G 7 /-</u>	<u>B65D 65 /-</u>
<u>B05B 9 /-</u>	<u>B25J 9 /-</u>	2014377716	2016398444	2017225324	2015233424 2015275748 2016263863
2016287501	2017222038	<u>B32B 33 /-</u>	<u>B60T 17 /-</u>	<u>B63H 21 /-</u>	<u>B65D 77 /-</u>
<u>B05D 7 /-</u>	<u>B27D 5 /-</u>	2015202198 2016263863 2017202946	2016398444	2017203163 2019200141	2014285255 2015391635
2015233424 2015271086	2017216557	<u>B32B 37 /-</u>	<u>B60W 40 /-</u>	<u>B63H 23 /-</u>	<u>B65D 81 /-</u>
<u>B08B 17 /-</u>	<u>B27K 3 /-</u>	2016219626	2017258888	2019200141	2016235110 2017268031
2017202946	2015271086	<u>B32B 5 /-</u>	<u>B61C 17 /-</u>	<u>B63H 25 /-</u>	<u>B65D 83 /-</u>
<u>B08B 5 /-</u>	<u>B27L 5 /-</u>	2014376132 2015258806	2018201604	2018236892	2015283080
2015253443	2015333682			<u>B63H 5 /-</u>	

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B65D 85 /-	2014370454	C05F 11 /-	2015283133	C07D 333 /-	2015258100
2015275748	C01G 25 /-	2016207759	2016232977		2015271030
2017205090			2016350158	2015244698	2017204312
	2015243024	C05F 17 /-	2017254889	2016232977	2018240172
B65D 88 /-				2017268669	
	C01G 49 /-	2014363278	C07D 209 /-		C07D 491 /-
2016256948		2015289003		C07D 401 /-	
2017268031	2016277897		2017254889	2015258100	2015258100
2017412140		C05G 5 /-	C07D 211 /-	2015275826	2017239481
	C02F 1 /-	2016207759		2015295248	C07D 495 /-
B65G 17 /-			2017254889	2015341301	
	2014355161	C07B 61 /-	C07D 213 /-	2017239481	2015253192
2015218863	2015244268			2017254889	2015258100
	2015302219	2017268669	2015244698	C07D 403 /-	C07D 519 /-
B65G 39 /-	2016200355	2017317090	2016232977		
	2018278935		2017268669	2015295248	2015296117
2014405666	2019202054	C07C 211 /-		2017239481	2017204312
2017248457			C07D 215 /-		2018240172
	C02F 11 /-	2016384296		C07D 405 /-	
B65G 47 /-			2017254889		C07F 9 /-
	2014355161	C07C 231 /-		2015275826	
2015218863	2015245265		C07D 221 /-	2015295248	2013403622
2015228497		2016350158		2016327715	2018201980
	C02F 3 /-		2017254889	2016350158	
B65G 69 /-		C07C 233 /-		2017239481	C07H 15 /-
	2015231819		C07D 223 /-	2017254889	
2014259566	2015264338	2017268669		2017268669	2016232977
2014405666			2017254889	2018201980	
	C03B 9 /-	C07C 235 /-	C07D 231 /-		C07H 17 /-
B66B 3 /-				C07D 407 /-	
	2015417555	2016232977			2016273886
2016302407	C03C 3 /-	2016350158	2015244698	2015244698	C07H 19 /-
B66B 5 /-			2016232977	2015341301	
	2015243024	C07C 237 /-	C07D 235 /-	2016327715	2014353102
2016302412	C03C 8 /-			C07D 409 /-	C07H 21 /-
B66F 11 /-		2016232977	2015295248		
	2015243024	C07C 407 /-	C07D 239 /-	2015244698	2013296321
2015369653	C04B 11 /-	2018278935		2015295248	2017225110
		C07C 409 /-	2016232977	2016327715	
B66F 9 /-	2015255233		2017239481	2017239481	C07K 1 /-
2015339582	2015280343	2014355161	C07D 261 /-	C07D 413 /-	
		2018278935			2017245478
B67D 1 /-	C04B 111 /-		2016232977	2015244698	C07K 14 /-
		C07C 43 /-		2015258100	
2018202526	2015280343		C07D 277 /-	2015295248	2014236098
	2017202946	2016321767		2015341301	2014334531
B82Y 10 /-	C04B 14 /-	C07C 45 /-	2016232977	2017239481	2014360590
			C07D 285 /-	C07D 417 /-	2017202268
2014396790	2015255233	2017317090			2017202434
C01B 3 /-	C04B 20 /-	C07C 47 /-	2015244698	2015244698	2017203644
				2015295248	2017204499
2015284224	2015359536	2016384296	C07D 303 /-	2017239481	2017221779
C01B 35 /-	C04B 28 /-	2017317090		C07D 471 /-	2017221793
		C07C 49 /-	2016219853		2017239601
2015243024	2015255233		C07D 307 /-	2015210904	C07K 16 /-
	2015280343	2017286151		2015258100	
C01D 15 /-	C04B 35 /-		2016232977	2015295248	2013253581
		C07C 51 /-	2017268669	2015350128	2014236098
2015243024			C07D 309 /-	2017239481	2014274660
C01D 5 /-	2015243024	2016316924			2014308905
	C04B 37 /-	C07D 205 /-	2017254889	C07D 475 /-	2014308907
2016376980					2015279128
C01F 11 /-	2015243024	2017254889	C07D 311 /-	2015247983	2016253886
	C04B 38 /-	C07D 207 /-		C07D 487 /-	2016262368
2016202157			2016327715		2016304401
	2015280343		2018201060	2015210904	2016305331
C01F 5 /-		2014385275		2015220560	2017202636
					2017204337

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2017245395	<u>C08L 27 /-</u>	2015415925	<u>C12N 9 /-</u>	2015258806	<u>D21C 9 /-</u>
<u>C07K 17 /-</u>	2015334724	<u>C11D 3 /-</u>	2013308233	<u>C23C 22 /-</u>	2015349767
2014308905	<u>C08L 33 /-</u>	2015265650	<u>C12P 1 /-</u>	2016374775	<u>D21H 15 /-</u>
<u>C07K 5 /-</u>	2014355161	2015282923	2013336244	<u>C23C 28 /-</u>	2015349767
2016366566	<u>C08L 39 /-</u>	2015415925	2015265319	2016374775	<u>D21H 17 /-</u>
<u>C07K 7 /-</u>	2014355161	<u>C11D 9 /-</u>	<u>C12P 13 /-</u>	<u>C25B 1 /-</u>	2015282800
2015393357	<u>C08L 7 /-</u>	2015415925	2017272295	2015284224	2015349767
<u>C08B 37 /-</u>	2016283590	<u>C12M 1 /-</u>	<u>C12P 19 /-</u>	<u>C25C 1 /-</u>	<u>D21H 19 /-</u>
2016275704	<u>C08L 71 /-</u>	2013336244	2015265319	2017213449	2015282800
2017246156	2014355161	2014253850	<u>C12P 21 /-</u>	<u>C25D 5 /-</u>	2015282801
<u>C08F 110 /-</u>	2015371501	2015293776	2014308907	2016374775	2016358855
2017228610	<u>C08L 9 /-</u>	<u>C12M 3 /-</u>	2016253886	<u>C25D 7 /-</u>	2015282800
<u>C08F 2 /-</u>	2016283590	2014253850	2017202636	2016374775	2016358855
2015282923	<u>C08L 97 /-</u>	<u>C12N 1 /-</u>	2017221779	<u>C12P 39 /-</u>	<u>D21H 27 /-</u>
<u>C08F 222 /-</u>	2015289022	2013253581	2015293776	<u>C40B 30 /-</u>	2015282800
2016321767	<u>C09D 1 /-</u>	2013322644	<u>C12P 5 /-</u>	2014225301	2015282801
<u>C08F 8 /-</u>	2015233424	2013333752	2015293776	<u>C40B 50 /-</u>	<u>E01B 31 /-</u>
2017228610	<u>C09D 5 /-</u>	2013336244	<u>C12P 7 /-</u>	2017202636	2018202220
<u>C08G 18 /-</u>	2015255233	2015265319	2013333752	<u>D01D 10 /-</u>	<u>E01C 11 /-</u>
2016318036	2017202946	2015293776	2017204334	2015204285	2015261237
2015371501	<u>C09J 1 /-</u>	2013308233	<u>C12Q 1 /-</u>	<u>D01F 9 /-</u>	2016335990
<u>C08G 65 /-</u>	2015243024	2013333752	2013291765	2015204285	<u>E01C 19 /-</u>
2017265310	<u>C09J 197 /-</u>	2013363194	2013333882	<u>D04B 21 /-</u>	2015369653
<u>C08G 73 /-</u>	2015289022	2014225301	2013333882	2015309261	<u>E02D 27 /-</u>
2016321767	<u>C09K 8 /-</u>	2014360590	2014225301	<u>D04H 1 /-</u>	2016361113
<u>C08G 83 /-</u>	2015302219	2015265319	2014334531	2014376132	<u>E02F 3 /-</u>
2015371501	2018201361	2016253886	2015349661	2015416530	2015202966
<u>C08J 11 /-</u>	<u>C09K 9 /-</u>	2017202019	2017204086	<u>D05C 15 /-</u>	2015203390
2017247711	2017279803	2017202268	2017239516	2016330228	2015218863
<u>C08J 3 /-</u>	<u>C10G 29 /-</u>	2017202434	<u>C12R 1 /-</u>	<u>D06F 33 /-</u>	2015286228
2017246156	2016384296	2017203644	2017211244	<u>D06F 37 /-</u>	2016275627
<u>C08J 5 /-</u>	<u>C10L 1 /-</u>	2017225110	2017219152	2016350662	2017272136
2015334724	2017228610	2017239516	<u>C21D 1 /-</u>	2016384539	<u>E02F 9 /-</u>
<u>C08K 3 /-</u>	<u>C10L 3 /-</u>	2017264986	<u>C21D 9 /-</u>	2016385333	2015203390
2015334724	2016384296	2017272295	2017304971	<u>D06F 37 /-</u>	2017272136
2016283590	<u>C11D 1 /-</u>	<u>C12N 5 /-</u>	<u>C22B 26 /-</u>	2016350662	<u>E04B 1 /-</u>
<u>C08L 1 /-</u>	2015282923	2013253581	2014370454	2016384539	2016335990
2017246156	2015415925	2014236098	<u>C22B 3 /-</u>	2016385333	<u>E04B 5 /-</u>
<u>C08L 23 /-</u>	<u>C11D 17 /-</u>	2016253886	2014370454	<u>D06F 58 /-</u>	2016335990
2016398212	2015265650	2016289725	<u>C22C 1 /-</u>	2018274956	2014396515
		2016305331			
		2017201158			
		2017201542			
		2017202019			
		2017202636			
		2017203644			
		2017264986			
		2017272177			
		<u>C12N 7 /-</u>			
		2013277959			

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<u>E04D 5 /-</u>	<u>E21B 23 /-</u>	2015212384	<u>F16C 19 /-</u>	<u>F16L 37 /-</u>	<u>F24S 10 /-</u>
2015282985	2015253370	<u>F01L 3 /-</u>	2016349212	2014345514 2016399224	2015264495
<u>E04D 7 /-</u>	<u>E21B 33 /-</u>	2015263264	<u>F16C 21 /-</u>	<u>F16L 39 /-</u>	<u>F25D 11 /-</u>
2015282985	2014415564 2016331024 2016358614 2016361113	<u>F01L 9 /-</u>	2016291090	2014274527	2016344962
<u>E04F 11 /-</u>	<u>E21B 34 /-</u>	2015263264	<u>F16D 11 /-</u>	<u>F16L 55 /-</u>	<u>F25D 13 /-</u>
2015201556	2014415564 2016315921 2016344480	<u>F02B 1 /-</u>	2018201255	2014246685 2016219626	2014259566
<u>E04F 15 /-</u>	<u>E21B 41 /-</u>	2015338800	<u>F16D 23 /-</u>	<u>F16L 57 /-</u>	<u>F25D 17 /-</u>
2015290300 2016335990	2014415564 2016315921 2016344480	<u>F02C 3 /-</u>	2018201255	2014246685	2014259566
<u>E04F 21 /-</u>	<u>E21B 43 /-</u>	2017248415	<u>F16D 65 /-</u>	<u>F16L 59 /-</u>	<u>F25D 21 /-</u>
2018208709	2016346789 2016361113	<u>F02C 7 /-</u>	2016207131 2016406217	2014376132 2015233424	2017202047
<u>E04G 11 /-</u>	<u>E21B 47 /-</u>	2014374334	<u>F16F 15 /-</u>	<u>F17C 1 /-</u>	<u>F25D 23 /-</u>
2015212355	2014389038 2015289838 2016315921 2016354439 2016424227	<u>F02C 9 /-</u>	2015328352	2014246685	2016344962 2017202047
<u>E04G 21 /-</u>	<u>E21B 7 /-</u>	2017245450	<u>F16H 1 /-</u>	<u>F17C 13 /-</u>	<u>F25D 25 /-</u>
2015201556	2016361113	<u>F02M 23 /-</u>	2016349212	2014309186 2014351681	2014259566
<u>E04H 12 /-</u>	<u>E21C 27 /-</u>	2017245450	<u>F16H 25 /-</u>	<u>F17C 7 /-</u>	<u>F27B 9 /-</u>
2015212355	2016346789	<u>F02M 61 /-</u>	2015333682	2014351681	2015204285
<u>E04H 17 /-</u>	<u>E21C 41 /-</u>	<u>F03G 7 /-</u>	<u>F16H 61 /-</u>	<u>F17D 3 /-</u>	<u>F27D 1 /-</u>
2015200317 2015201556	2016361113	2016408783	2017258888	2014379449	2015231937
<u>E05D 3 /-</u>	<u>E21C 47 /-</u>	<u>F04B 39 /-</u>	<u>F16K 15 /-</u>	<u>F21S 2 /-</u>	<u>F41H 5 /-</u>
2017272056	2017272136	2015328352	2013398298	2018201933	2016218084
<u>E05D 7 /-</u>	<u>E21D 15 /-</u>	<u>F04B 49 /-</u>	<u>F16K 17 /-</u>	<u>F21S 8 /-</u>	<u>F42B 12 /-</u>
2017272056	2015286228	2016287501	2014309186	2017312435	2015230658
<u>E05F 11 /-</u>	<u>F01B 17 /-</u>	<u>F04B 9 /-</u>	<u>F16K 31 /-</u>	<u>F21V 21 /-</u>	<u>F42D 1 /-</u>
2015204405	2015286228	2016287501	2014406531 2015390718 2016344480	2017312435	2014361777
<u>E05F 15 /-</u>	<u>F01C 1 /-</u>	<u>F04C 29 /-</u>	<u>F16K 37 /-</u>	<u>F21V 8 /-</u>	<u>F42D 3 /-</u>
2015204405	2015245617	2015328352	2014406531	2018201933	2014361777
<u>E06B 7 /-</u>	<u>F01D 15 /-</u>	<u>F04D 25 /-</u>	<u>F16L 1 /-</u>	<u>F21Y 105 /-</u>	<u>G01B 11 /-</u>
2017272056	2015263264	2015269672	2014274527 2014389038	2014336898	2016251428 2017304971
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		2014224127	2014286910		2017235994

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<u>G01N 21 /-</u>	<u>G02B 6 /-</u>	<u>G06F 3 /-</u>	<u>G07F 17 /-</u>	2015390718	<u>H02H 7 /-</u>
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<u>G01N 23 /-</u>	<u>G02B 7 /-</u>	<u>G07F 19 /-</u>	<u>G07F 19 /-</u>	2015390718	<u>H02J 7 /-</u>
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2017221835	2017279803	2016302407 2016302412	2016302407 2016302412	<u>H01J 49 /-</u>	<u>H02K 3 /-</u>
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<u>G01S 1 /-</u>	<u>G05D 1 /-</u>	<u>G10L 19 /-</u>	<u>G10L 19 /-</u>	2017213449 2017248241	2017225324
2016302407	2015307084	2013378793 2014331890 2016231220 2016278851 2016283182 2017216523	2013378793 2014331890 2016231220 2016278851 2016283182 2017216523	<u>H01M 2 /-</u>	<u>H02M 1 /-</u>
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2014277666 2016222648	2014302875 2017219058	<u>G10L 25 /-</u>	<u>G10L 25 /-</u>	<u>H01M 4 /-</u>	<u>H02M 3 /-</u>
<u>G01S 5 /-</u>	<u>G06F 11 /-</u>	<u>G11B 19 /-</u>	<u>G11B 19 /-</u>	2017213449	2014329396
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	<u>G06F 16 /-</u>			<u>H01R 24 /-</u>	<u>H04B 7 /-</u>
				2015243390	2015217537 2015221722 2015290200 2017315859
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Certified Innovation Patents

Name Index

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

(71) AME Pty Ltd (11) AU-B-2019100174 (21) 2019100174 (22) 15.02.2019 (54) Improvements in or Relating to Anchors (51) Int. Cl. <i>E21B 41/08</i> (2006.01) <i>B63B 21/24</i> (2006.01) <i>B63B 21/26</i> (2006.01) <i>B63B 22/04</i> (2006.01) <i>E21B 43/017</i> (2006.01) (45) 16.05.2019 (62) 2018241087 (72) Forster, Daniel; Cree, David Archibald; Marshall, Timothy Reginal; Taylor, Alex Paul; Brown, Matthew Douglas (74) IP Sentinels Patent and Trademark Attorneys	(45) 16.05.2019 (62) PCT/AU2018/050203 (72) Darwell, Stephen W. (74) Griffith Hack
(71) Axia Acquisition Corporation (11) AU-B-2019100187 (21) 2019100187 (22) 20.02.2019 (54) Handle assembly for drywall finisher box (51) Int. Cl. <i>E04F 21/165</i> (2006.01) <i>B25G 1/10</i> (2006.01) (45) 16.05.2019 (62) 2018100197 (72) Wilson, Mark S.; Jungklaus, Matthew W. (74) Griffith Hack	(71) Zhang, Y.X. (11) AU-B-2018101558 (21) 2018101558 (22) 18.10.2018 (54) Synthetic method for a butoxydim water dispersible granule (51) Int. Cl. <i>A01N 25/12</i> (2006.01) <i>A01N 25/00</i> (2006.01) (45) 16.05.2019 (72) Zhang, Yi Xiang; Zhang, Hui Ming (74) Shelston IP Pty Ltd.
(71) Conductor Hub Pty Ltd (11) AU-B-2018101694 (21) 2018101694 (22) 14.11.2018 (54) ELECTRICAL SAFETY SYSTEM FOR WET AREAS (51) Int. Cl. <i>H01R 13/648</i> (2006.01) <i>E04C 2/06</i> (2006.01) <i>H01R 4/64</i> (2006.01) <i>H01R 11/01</i> (2006.01) <i>H01R 13/52</i> (2006.01) <i>H01R 13/73</i> (2006.01) (45) 16.05.2019 (62) PCT/AU2018/050401 (72) Ritchie, Austen (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD	
(71) CSR Building Products Limited (11) AU-B-2019100179 (21) 2019100179 (22) 18.02.2019 (54) FORMWORK SYSTEM (51) Int. Cl. <i>E04G 17/00</i> (2006.01) <i>E04B 1/38</i> (2006.01) <i>E04B 2/84</i> (2006.01) <i>E04G 11/00</i> (2006.01)	

Numerical Index

2018101558	Zhang, Y.X.
2018101694	Conductor Hub Pty Ltd
2019100174	AME Pty Ltd
2019100179	CSR Building Products Limited
2019100187	Axia Acquisition Corporation

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2016385890 **IMI Hydronic Engineering International SA** (Alfa Laval Corporate AB)

2016414392 **Lomax Group Pty Ltd** (Titan Hoarding Systems Australia Pty Ltd)

Opposition Withdrawn

2016277541 **HBG IP Holding Pty Ltd** (Dorel Australia Pty Ltd)

Opposition Withdrawn - Proceed to Grant

2014315695 **Lumenco, LLC** (CCL Secure Pty Ltd)

Patents Granted

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2004203785	2010246907	2012394396	2013204568
2013206165	2013221800	2013233969	2013237517
2013245480	2013248138	2013251640	2013251749
2013273781	2013280698	2013284703	2013289090
2013291816	2013291936	2013298450	2013302451
2013305512	2013308113	2013308770	2013317700
2013327582	2013329022	2013329096	2013330509
2013339063	2013340841	2013351375	2013353573
2013354355	2013362880	2013369439	2013370522
2013370548	2013381008	2013404747	2013408315
2013409580	2014200039	2014200042	2014200492
2014201083	2014202703	2014203445	2014206186
2014208189	2014208198	2014212646	2014213147
2014221238	2014226091	2014227686	2014228313
2014228829	2014229806	2014230459	2014231345
2014231689	2014232383	2014232801	2014233662
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2014239883	2014240238	2014241205	2014243929
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2014265873	2014267010	2014268286	2014268298
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2014277758	2014277944	2014280911	2014284257
2014285740	2014290034	2014293008	2014293442
2014295137	2014296940	2014299014	2014299447
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2014375382	2014376173	2014379485	2014381624
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2014390753	2014391109	2014392785	2014396046
2014397783	2014398277	2014398345	2014401951
2014406068	2014409009	2014409423	2014415500
2015200237	2015200381	2015200433	2015200482
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2016348259	2016349551	2016350551	2016350664
2016352781	2016353128	2016364597	2016366279

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2016385275	2016385329	2016387302	2016392262
2016392764	2016393538	2016414391	2017200195
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2018260948			

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2019100262	2019100277	2019100316	2019100334
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2019100388	2019100389	2019100390	2019100391
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2019100404			

Revocation

It is hereby notified that the offer by the Patentee **iRobot Corporation** to surrender Patent 2016200330 which was advertised in the Official Journal of 14.03.2019 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2000079531 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2000079532 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

Assignments Registered

2002229536 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2003245043 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2003249053 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2003249056 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2003273396 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2003293833 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004224092 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004240456 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004250927 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004271743 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004271744 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004273405 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004273627 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004289102 Reckitt Benckiser (Australia) Pty Limited The patent has been assigned to **RB (Hygiene Home) Australia Pty Ltd**

2004292376 Reckitt Benckiser (Australia) Pty Limited The patent has been assigned to **RB (Hygiene Home) Australia Pty Ltd**

2004298261 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004298447 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2004306091 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004306386 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2004306878 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005200789 Reckitt Benckiser (Australia) Pty Limited The patent has been assigned to **RB (Hygiene Home) Australia Pty Ltd**

2005207876 Reckitt Benckiser (Australia) Pty Limited The patent has been assigned to **RB (Hygiene Home) Australia Pty Ltd**

2005235384 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2005241847 Samsung Electronics Co., Ltd. The patent has been assigned to **Nokia Technologies Oy**

Assignments Registered

2005274579 Obio Technology (Shanghai) Corp., Ltd. The patent has been assigned to **Yantai Obioadc Biomedical Technology Ltd.**

2005306697 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005306921 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005306936 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005309719 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005309975 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2005317308 Easy Well Solutions AS The patent has been assigned to **Halliburton Energy Services, Inc.**

2006201360 THOMSON Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2006238677 Reckitt Benckiser (Australia) Pty Limited The patent has been assigned to **RB (Hygiene Home) Australia Pty Ltd**

2006277007 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2006277008 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2006303886 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2007205007 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2007205179 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2007269575 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2007269576 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2007309814 S T Couplers Limited The patent has been assigned to **HUGHES ASSET GROUP PTY LTD**

2007339169 AstraZeneca AB The patent has been assigned to **Covis Pharma B.V.**

2007342468 THOMSON Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2008201158 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2008288185 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **SureWex USA Inc.**

2008288701 Abrasive Cutting Technology Ltd The patent has been assigned to **Jet-Tech International Pty Ltd**

2008288702 Abrasive Cutting Technology Ltd The patent has been assigned to **Jet-Tech International Pty Ltd**

2008288703 Abrasive Cutting Technology Ltd The patent has been assigned to **Jet-Tech International Pty Ltd**

Assignments Registered

2009204696 Ayrtex (TM) Limited The patent has been assigned to **Zephyr (Inc) Limited**

2009233592 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2009312877 Syngenta Participations AG The patent has been assigned to **Dow AgroSciences LLC**

2009343398 Obio Technology (Shanghai) Corp., Ltd. The patent has been assigned to **Yantai Obioadc Biomedical Technology Ltd.**

2010200926 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202031 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202555 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202556 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202727 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202728 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202729 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202730 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202769 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010202973 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010203039 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010206977 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010219324 Thomson Licensing S.A. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010220454 THOMSON Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010249256 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010294255 THOMSON Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010328742 S T COUPLERS LIMITED The patent has been assigned to **HUGHES ASSET GROUP PTY LTD**

2010356813 THOMSON Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2010361598 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2011213893 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

Assignments Registered

2011264896 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2011354597 Banyan Biomarkers, Inc. The patent has been assigned to **BioRegency Inc.**

2012203039 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2012283580 Thomson Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2012361689 OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Techno Corporation The patent has been assigned to **OTSUKA PHARMACEUTICAL FACTORY, INC.**

2012364389 THOMSON Licensing The patent has been assigned to **Interdigital VC Holdings, Inc.**

2013211543 S T Couplers Limited The patent has been assigned to **HUGHES ASSET GROUP PTY LTD**

2013347184 Ganymed Pharmaceuticals GmbH; BioNTech AG; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech AG; Astellas Pharma Inc.**

2014286253 L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude The patent has been assigned to **Schülke & Mayr**

2014326809 Polycase Ammunition, LLC The patent has been assigned to **Quantum Ammunition, LLC**

2015210405 Impey Showers Limited The patent has been assigned to **Coram UK Holding Limited**

2016225818 S T COUPLERS LIMITED The patent has been assigned to **HUGHES ASSET GROUP PTY LTD**

Licences Registered - Section 187, Reg. 19

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

2001277401 Sandvik Mining & Construction Australia (Production/Supply) Pty Ltd (Sandvik Mining and Construction Australia Pty Ltd)

2006252273 Sandvik Mining & Construction Australia (Production/Supply) Pty Ltd (Sandvik Mining and Construction Australia Pty Ltd)

2009326847 Sandvik Intellectual Property AB (Sandvik Mining and Construction Australia Pty Ltd)

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.

2006337137 **Lexicon Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods XERMELO telotristat ethyl

2007333120 **Lexicon Pharmaceuticals, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods XERMELO telotristat ethyl

2008304439 **Lexicon Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods XERMELO telotristat ethyl

2011235568 **Merck Canada Inc.**

The earliest first regulatory approval date provided by the patentee 04 Feb 2019

For the goods DELSTRIGO doravirine

2012273515 **Swedish Orphan Biovitrum International AB**

The earliest first regulatory approval date provided by the patentee 26 Feb 2019

For the goods ORFADIN nitisinone

Applications Accepted

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

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.

2010324757 **MedImmune Limited**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods IMFINZI durvalumab

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2011235568 **Merck Canada Inc.**

The earliest first regulatory approval date provided by the patentee 04 Feb 2019

For the goods DELSTRIGO doravirine

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

Extensions granted

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

2007243651 **The Regents of the University of California**

The earliest first regulatory approval date provided by the patentee 05 Jul 2018

For the goods ERLYAND apalutamide

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2032

2012241184 **The Regents of the University of California**

The earliest first regulatory approval date provided by the patentee 05 Jul 2018

For the goods ERLYAND apalutamide

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2032

2016201061 **The Regents of the University of California**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 05 Jul 2018

For the goods ERLYAND apalutamide

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2032

2017203683 **The Regents of the University of California**

The earliest first regulatory approval date provided by the patentee 05 Jul 2018

For the goods ERLYAND apalutamide

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2032

Corrigenda

In Vol 31 , No 14 , Page(s) 2122 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Linde Aktiengesellschaft, Application No. 2015333961, under INID (72) correct the co-inventor to Madsen, Scott Thomas; Lilakos, Louis and Ortiz-Cordova, Monica

In Vol 31 , No 2 , Page(s) 237 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Scripps Research Institute, Application No. 2015287695, under INID (54) correct the title to read N- (hydrophobe-substituted) vancosaminyl [#c(=nh) nh] Tpg4 Vancomycin and [#ch2nh] Tpg4 Vancomycin

In Vol 33 , No 10 , Page(s) 1444 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name IFP Energies Nouvelles; Institut National De La Recherche Agonomique; Agro Industrie REcherches Et Developpements, Application No. 2017299082, under INID (71) remove co-applicant Agro Industrie REcherches Et Developpements

In Vol 33 , No 11 , Page(s) 1537 under the heading **Amendments - Amendments Made** Under the name Apple Inc., Application 2018201254, Under INID (72) add co-inventor Amini, Mani

In Vol 33 , No 11 , Page(s) 1585 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Robel Bahnbaumaschinen GmbH, Application No. 2017332217, under INID (31) correct the number to read 20 2016 005 841.0

In Vol 33 , No 15 , Page(s) 2145 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sharp Kabushiki Kaisha, Application No. 2017332987, under INID (71) add co-applicant FG Innovation Company Limited

In Vol 33 , No 15 , Page(s) 2196 under the heading **Applications Accepted - Name Index** Under the name Linde Aktiengesellschaft, Application No. 2015333961, under INID (72) correct the co-inventor to Madsen, Scott Thomas; Lilakos, Louis and Ortiz-Cordova, Monica

In Vol 33 , No 16 , Page(s) 2318 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Biological E Limited, Application No. 2017336806, under INID (72) add co-inventors Matur, Ramesh Venkat; Mantena, Narendra Dev

In Vol 33 , No 16 , Page(s) 2340 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

Huawei Technologies Co., Ltd, Application No. 2016426405, Under INID (72) add co-inventor Filippov, Alexey Konstantinovich

In Vol 33 , No 16 , Page(s) 2350 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Massachusetts Institute of Technology, King Fahd University of Petroleum and Minerals University Boulevard, Application No. 2017346583, under INID (71) correct the applicant name to King Fahd University of Petroleum and Minerals

In Vol 33 , No 16 , Page(s) 2356 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Oregon Health & Science University, Application No. 2017346788, under INID (72) correct the co-inventor to Sacha, Jonah

In Vol 33 , No 16 , Page(s) 2439 under the heading **Applications Accepted - Name Index** Under the name The Scripps Research Institute, Application No. 2015287695, under INID (54) correct the title to read N- (hydrophobe-substituted) vancosaminyl [#c(=nh) nh] Tpg4 Vancomycin and [#ch2nh] Tpg4 Vancomycin

In Vol 33 , No 16 , Page(s) 2460 under the heading **Assignments Registered** Under the heading Assignments Registered in regard to 2010254082 the patent has been assigned to should read Exelixis Patent Company LLC

In Vol 33 , No 16 , Page(s) 2461 under the heading **Assignments Registered** Under the name Paul Frank Stibij, Application No. 2014208260, under INID (71) correct the applicant name to Paul Frank Stibij

In Vol 33 , No 16 , Page(s) 2462 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Delete all reference to 2006337137

In Vol 33 , No 16 , Page(s) 2462 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Delete all reference to 2007333120

In Vol 33 , No 17 , Page(s) 2483 under the heading **Amendments - Application for Amendments** Under the name Sanofi Pasteur Biologics, LLC, Application No. 2003267937 correct the date of the statements filed to read 13 April 2018, 09 August 2018 and 19 March 2019

In Vol 33 , No 4 , Page(s) 580 under the heading **Complete Applications Filed - Name Index** Under the name Jefferies, Wilfred; Biron, Kaan E.; Dickstein, Dara L. Application No. 2019200286, under INID(71) correct the co-applicant name to Biron, Kann E.

Specifications Republished

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

2014232979	The Children's Hospital of Philadelphia
2014268843	Microsoft Technology Licensing, LLC
2015393147	Essity Hygiene and Health Aktiebolag
2016251415	Mina Therapeutics Limited
2017203495	Sage Therapeutics, Inc.
2017348949	Husqvarna AB
2017350945	Verily Life Sciences LLC
2018202814	Regeneron Pharmaceuticals, Inc.